The Lake Lothing (Lowestoft) Third Crossing Order 201[*]

Lake Lothing THIRD CROSSING

Document 7.2: Transport Assessment

Appendix E (Part 2) Highway LMVR and DMVR

Author: Suffolk County Council

Appendix F

MOBILE NETWORK DATA VERIFICATION

Appendix F.1

TELEFONICA REPORT

Suffolk OD from Mobile Phone Data

Project Report

V1.0, issued 25/11/2016

Telefonica

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Telefónica

1. Introduction & Project Scope

1.1. Introduction

Telefonica are a mobile network operator (O2 in the UK), providing telephony services to over 22 million UK customers in both the public and private sectors. In order to provide this service Telefonica operate a network which provides continuous nationwide coverage to each customer phone (device). In order to provide efficient service to each phone, the network and phone are in frequent communication. Intimate understanding of these networks allows Telefonica to build contextual understanding of the movement of devices in space and time in the real world, with each phone creating events at specific points in time and space which can be chained into 'breadcrumbs', demonstrating whether each phone is moving or stationary at any point in time.

The result of Telefonica's processing creates a huge and valuable dataset which describes the movement and flow of O2 users across the UK. Devices are tracked anonymously and can be associated with attributes derived from the user's contract (age, gender, contract type and billing address) or their observed behaviour (affluence, lifestyle, home and work location and other points of interest). In aggregate, therefore, mobile phone data provides an effective insight in the movement patterns of the UK population.

Given the nature of mobile phone data, it is able to effectively represent movements on a macro basis across larger areas. The technology is generally better at identifying longer trips and those where the user dwells at their destination for a longer period of time. For this reason, the data should not be used in isolation but should be combined with other data sources prior to application.

Customer privacy is of upmost importance to Telefonica. All events processed are by-products of the core telephony network, and the process does not affect any user's handset. The records are anonymised prior to being stored in the analysis platform, so all analysis of behaviour is done in a completely anonymous separate environment. Outputs from the analysis are aggregated such that no individual level data will be given to clients.

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1.2. Scope

Telefonica were requested by WSP to prepare origin-destination matrices for travel in the **Suffolk** area. Trips were included if they penetrated a cordon shown in the figure below.

Image showing the extent of the model cordon

The trips were allocated to a start and end zone based on a zone system provided by WSP. This consisted mostly of Lower Super Output Areas (LSOAs) inside the cordon, middle super output areas (MSOAs) or districts around the edge of the cordon, and NUTS or regions outside the cordon, as illustrated in the figure below. There were a total of 483 zones.

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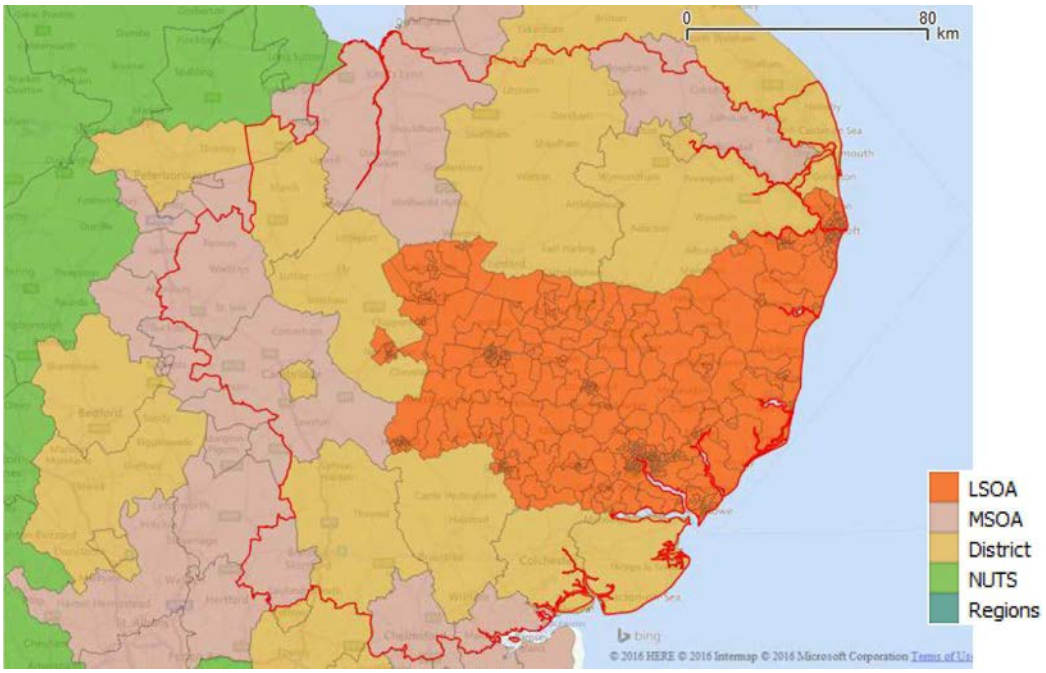

Image showing the zones used to identify trip stand end points

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Trips were segmented as follows:

- By mode into rail, HGV and other road, with walk/cycle trips removed
- By purpose into outbound home based work (OB_HBW), inbound home based work (IB_HBW), outbound home based other (OB_HBO), inbound home based other (IB_HBO) and non-home based (NHB)
- By time period into:
  Early off peak (00:00-07:00)
  AM peak (07:00-10:00)
  Interpeak (10:00-16:00)
  PM peak (16:00-19:00)
  Late off peak (19:00-00:00)

  Further outputs were also created represented travel in the AM peak hour (08:00-09:00) and PM peak hour (17:00-18:00).

  Trips were segmented based on the time they entered the model cordon, or started inside the model cordon

1.3. Study Period

Trips were sampled using 23 neutral days in April and May 2015. These were defined as Mondays-Thursdays, excluding bank holidays and school holidays. The following 23 days were included in the final dataset

13/04/15	Monday	05/05/15	Tuesday
14/04/15	Tuesday	06/05/15	Wednesday
15/04/15	Wednesday	07/05/15	Thursday
16/04/15	Thursday	11/05/15	Monday
20/04/15	Monday	12/05/15	Tuesday
21/04/15	Tuesday	13/05/15	Wednesday
22/04/15	Wednesday	14/05/15	Thursday
23/04/15	Thursday	18/05/15	Monday
27/04/15	Monday	19/05/15	Tuesday
28/04/15	Tuesday	20/05/15	Wednesday
29/04/15	Wednesday	21/05/15	Thursday
30/04/15	Thursday		

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2. Mobile Phone Technology

2.1. Overview of the Cellular Network

A cellular network or mobile network is a wireless network distributed over land areas called cells, each served by at least one fixed-location transceiver which is known as a cell site or base station. In a cellular network, each cell uses a different set of frequencies from neighbouring cells, to avoid interference and provide guaranteed bandwidth within each cell. When joined together, these cells provide radio coverage over a wide geographic area. This enables a large number of portable transceivers (e.g., mobile phones, pagers, etc.) to communicate with each other and with fixed transceivers and telephones anywhere in the network, via base stations, even if some of the transceivers are moving through more than one cell during transmission.

Adjacent cells form groups of cells. The names of these groups depend on the generation of the cells, but for simplicity in this document we will use the 2G grouping which is LAC. LACs overlap and vary in size, depending on the area. Grouping cells into LACs is essential for the collection of event data.

2.2. Event Data

O2 mobiles phones generate "events" as they communicate with the national cell network. Telefonica collects these events on an anonymised basis for the purpose of analysis. Each event is linked to a persistent, yet anonymised user ID. Along with each event, Telefonica also stores a timestamp as well as the cell ID of the cell that recorded the event. In this manner, the spatial and temporal distribution of events can be analysed to determine users' movement patterns. Events can be classified into active and passive events. It is the combination of both of these types of events that allows Telefonica to build a representative, stable dataset. Without the inclusion of passive events, the sample would be biased toward more active users and individual user profiles would be biased towards locations where they made calls.

Active Events

- **Connection events** occur when a user turns their phone on or off, loses or regains connection
- **Call events** occur when a user makes or receives a phone call, or moves between cells when on a call
- **Text events** occur when a user makes or receives a text message

Passive Events

- **Movement events** occur when a user moves from one LAC to another. LACs consist of a number of nearby cells in the same band – so users also create passive events when they transition between 2G/3G/4G coverage. These events ensure that journeys that cover more than one LAC will be recorded by the analysis process. The collection of these events is vital for accurately observing trips and allocating them to the correct mode.

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- **Time-based events** occur whenever a user does not create any event for a sustained period of 3 hours. These events ensure that longer dwells are identified even if they are in the same LAC as the previous dwell.

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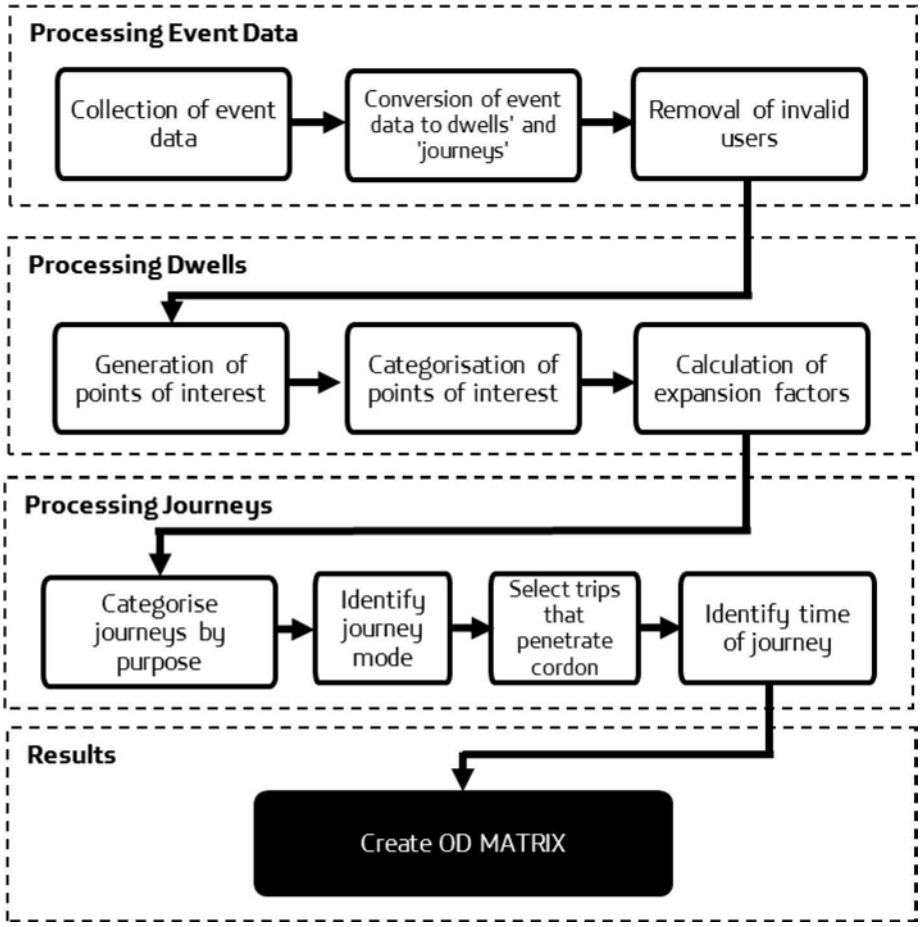
3. Methodology

3.1. Process Overview

The diagram below summarises the process used to create the OD matrix deliverables. Each step is described in more detail in this chapter.



Process diagram of existing methodology

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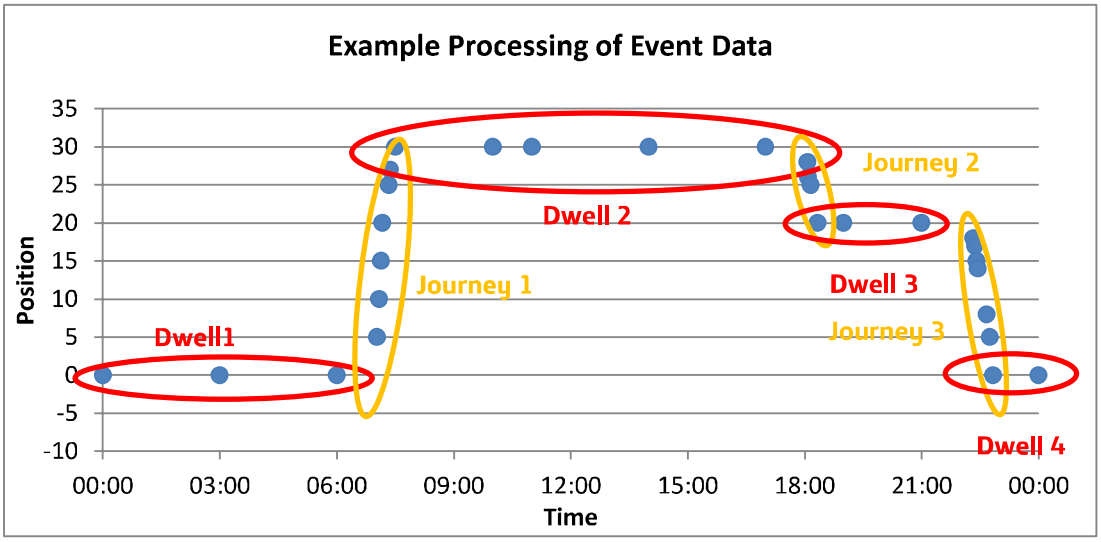
3.2. Collection of event data

As described in section two, mobile phones regularly generate events. These are collected ('probed') by Telefonica for network management and billing purposes. To enable analysis of travel data, the events are also stored in a database for further analysis. Telefonica has access to data relating to the whole of the UK for the last two years, but for the purposes of this project data was analysed for 23 specific weekdays as listed above. It should be noted that although only these 23 days were used to create the OD matrix, data from other days was analysed for some specific purposes, e.g. identifying valid users and home locations.

3.3. Conversion of Event Data to Dwells and Journeys

Telefonica converts the raw event data into 'dwells' (or settles) and 'journeys'. The algorithm that is used for this conversion process takes into account the geographic proximity of events, the propensity for phones to 'flicker' between cells without changing location and the timing of each event. In general, dwells are created whenever a user is assumed to be stationary in one distinct place for at least 30 minutes. The period between two dwells is classified as a journey. The cells of the events which have been combined to make up each settle and each journey are stored as 'via points', which can be interrogated to understand the route of each journey or the location of each settle. Note that journeys represent person trips, and not vehicle trips, due to the nature of mobile phone data.



Processing event data: dwells and journeys

3.4. Removal of invalid users

Events are created by all O2 users, corresponding to about 30% of the UK population or c22m connections. Each user is allocated an anonymised user ID, to ensure their records cannot be traced back to a particular user. The anonymous ID is set up to ensure that it is consistent even if a user changes their SIM card or phone, but if a user leaves O2 their records will cease. To prevent these users from affecting the sample, a filtering process is

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run to identify a sample of 'stable users' who are consistently present throughout the study period. To be included in the sample users must:

- Be seen at least once in the 10 days before the study period;
- Be seen at least once in the 10 days after the study period;
- Be seen on at least 10 days during the study period

Also at this stage a filter is applied to ensure that only mobile devices are included in the sample – machine to machine (M2M) devices, tablets and GPS units are excluded, since they are less likely to be carried by users at all times. Large business contracts are also removed from the sample to reduce the risk of double counting users who carry two phones.

Users who change phones: the anonymous and president user id is based on a user's telephone number, so they will persist in the data if they change phone or SIM card, providing they keep their number and stay on O2.

3.5. Generation of Points of Interest

Where a user has multiple dwells which overlap each other, these will be associated with a particular Point of Interest (POI). By analysing all of the dwells associated with a particular POI the position of the POI can be identified with a higher degree of accuracy, because more information will be provided. All of the events associated with a POI will be analysed and the relevant cell geographies will be compared to the zone system supplied by WSP, so that each POI is associated with a zone. Every time a user visits a cell associated with one of their POIs, this will be recorded as a trip to the associated zone.

Zones smaller than MSOA: mobile phone data has been found to be most appropriate for zones equivalent in size to MSOA or larger. Where smaller zones are used, it is often necessary to distribute POIs between the small zones based on a combination of the zone shape, the shape of the cells where the user generated events during their visits to the POI and the population data associated with the zone – this process has been carried out for the LSOA zones provided in this project.

3.6. Categorisation of Points of Interest

Categorisation of POIs is based on the temporal patterns of a user's dwells at each POI throughout the study period. POIs where users spend a large amount of time overnight are classed as home POIs. All users must have a home POI. POIs where users spend long periods of time during the working day are defined as work POIs. All other POIs are defined as 'other' POIs.

Note that this process may create multiple home and work POIs for each user. When this occurs, the most used home POI is flagged as a primary home location (for expansion purposes) but the secondary home/work locations will be retained for the purpose of deriving trip purpose.

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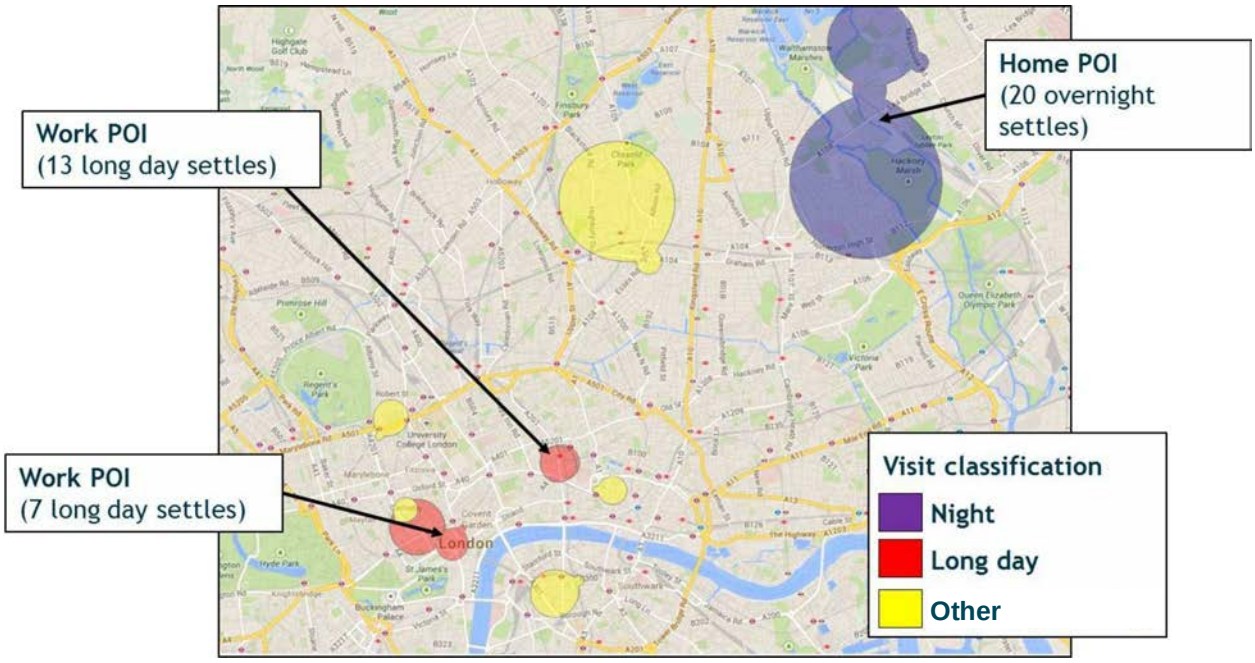

Example POI classification

The POI schematic used is designed to detect regular daytime commuters. As such, it may cause small errors relating to users who behaviour in unusual ways:

Working from home: users who work from home will have a home POI, but no work POI.

No fixed place of work: users who have a moving place of work (e.g. plumbers) will not usually have a work POI, unless they spend most of the study period working at the same site. Their trips to work will usually be included in the home-based-other matrix.

Shift workers: users who work unusual hours, e.g. night shifts, will not usually have a work POI- their trips will also be included in the home-based-other matrix.

3.7. Calculation of expansion factors

O2's market share varies across different geographical regions in the UK. To account for this, users are allocated an expansion factor, which relates to how representative they are of the UK population. The process for calculating the expansion is as follows:

- For every valid user (as described in section 3.4), identify their primary home POI. This is defined as the POI at which they spend the most nights during the study period
- Count the number of primary home POIs in each MSOA region of the UK. Intermediate zones are used in Scotland, LSOAs in Northern Ireland.
- For each MSOA, compare the number of primary home POIs with the total census population from 2011. Each MSOA will become associated with an expansion factor which is equivalent to the census population divided by the number of primary home POIs in that MSOA.

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- Each user then inherits the expansion factor associated with the MSOA that their primary home POI is located in. This means that the sum of user weights for all the users in the UK will match the census population.
- A small uplift of +3% is applied to each user's weight to account for population growth between 2011 and 2015 (based on ONS statistics)
- Any trips made by each user, regardless of origin or destination, will be scaled up according to the weight of the user

3.8. Categorising journeys by purpose

Journeys are assigned a purpose based on the categorisation of their start and end POI:

Origin POI	Destination POI	Purpose
Home	Work	Outbound Home-Based-Work (OB_HBW)
Work	Home	Inbound Home-Based-Work (IB_HBW)
Home	Home	Outbound Home-Based-Other (OB_HBO)
Home	Other	Outbound Home-Based-Other (OB_HBO)
Other	Home	Inbound Home-Based-Other (IB_HBO)
Work	Work	Non-Home-Based (NHB)
Work	Other	Non-Home-Based (NHB)
Other	Work	Non-Home-Based (NHB)
Other	Other	Non-Home-Based (NHB)

Trip Purpose Categories

Education trips: Telefonica are not able to specifically identify trips made by users aged under 18, so we do not segment education trips in our outputs. However, some pay as you go users are included in the sample, and many of these will be associated with people in education. Education trips made by these users will usually be included in the home based work trips, because they are trips between home and a place where the user regularly spends long periods of time during the time. Many education trips will not be included in the data, either because they are too short (see validation, trip length distributions for details) or because they are made by users who do not carry phones. It is recommended that alternative datasets are used to split out and supplement education trips from the matrices.

Note that education escort trips, where observed, will usually be included in home-based-other trips.

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3.9. Identify journey mode

At this stage, the route and characteristics of each journey will be analysed to allocate the journey to one of the following modes:

- Air – journeys with a high speed between two airports. These trips are removed from the final matrix. Note that users will create 'dwells' at the start and end airport of their journey, so access trips to airports will be included in the dataset
- Rail – journeys which follow the rail network and which exhibit 'clustering' (see description below) will be allocated to rail
- HGV – trips made by users who travel regularly at lower speeds (<62mph) on the strategic road network will be allocated to the HGV matrix.
- Walk/cycle – short and slow trips will be allocated to walk/cycle and removed from the matrix. Most walk and some cycle trips will be too short to detect using mobile data. Some longer, faster cycle trips may be indistinguishable from road trips and so will be included in the road matrix.
- Road – any remaining trips will be allocated to the road matrix – note that this includes coach, bus and LGV trips as well as car trips.

Park and ride: it is usual practice when processing mobile data to identify trips based on their true origin and destination, defined as points where the user has dwelled for more than 30 minutes. This means that park and ride trips, where the user drives to a station and then travels by train, will not usually be split into two distinct trips but will instead by represented as a single trip in the rail matrix. It is recommended that adjustments are made to the rail matrix if park and ride trips are thought to be a significant component of travel in any part of the model.

Clustering: the distinction between road and rail journeys is accomplished by identifying cell pairs that show characteristic travel time patterns for either of the two modes. When a train crosses the boundary of a LAC, the phone of every O2 customer on board will generate a passive event. These events will occur within very quick succession (depending on the length and speed of the train, as well as the device type and the current state of the mobile network), which will result in the clearly identifiable clustering patterns. When these patterns become apparent for a specific pair of cells, these cell pairs can be classified as "rail". However, when a pattern with no clusters is observed this is indicative of a road pair. On a road, a continuous flow of cars is usually observed and events (i.e., movements from one LAC to another) also occur continually. An algorithm examines the clustering patterns of all the journeys in the system to identify rail and road journeys.

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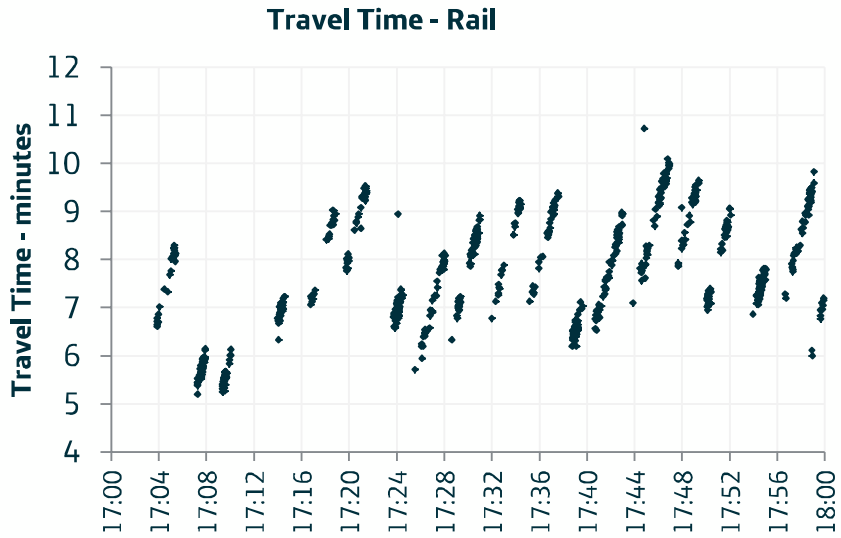
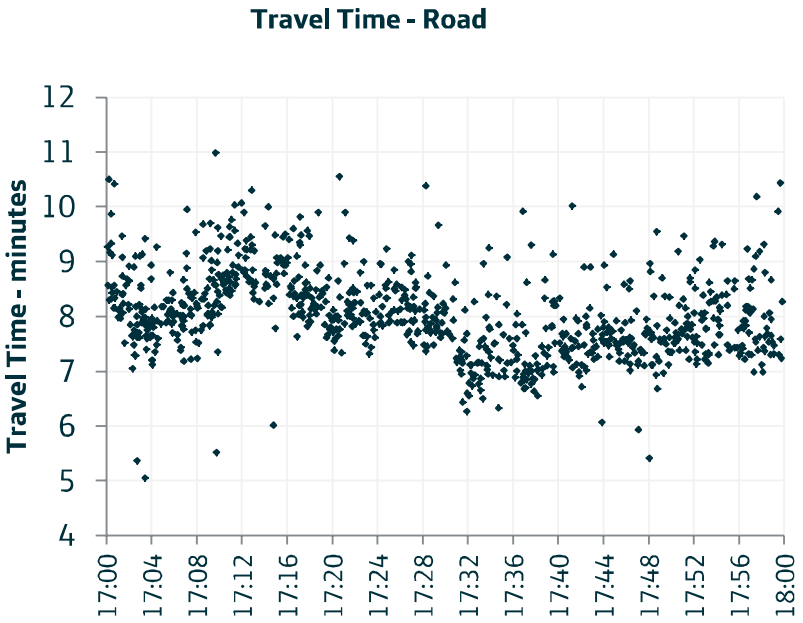


Characteristic clustering pattern of a rail cell pair



The lack of any identifiable clusters indicates a road cell pair

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3.10. Select trips that penetrate cordon

Once every journey is associated with a route, these routes are compared against the cordon provided by WSP and only those trips which penetrate this cordon are included in the matrix.

3.11. Identify time of journey

Journeys are allocated to a time band based on their start time (for trips starting within the cordon) or their time of entering the cordon. The time of entering the cordon is derived from the event closest to the cordon, unless there are no events within 3km of the cordon. In this case, the time of entry is inferred from the time and position of the two events closest to the cordon on either side.

3.12. Create OD matrix split by mode

Once all journeys have been allocated a time, purpose and mode it is straightforward to create the OD matrix outputs. Trips are allocated to a time period, mode and purpose and included in the relevant part of the matrix. Note that trips in the AM peak hour (8-9am) and PM peak hour (5-6pm) will be included twice- once the in peak hour matrix and once in the peak period matrix.

Stochastic rounding: to preserve personal data, Telefonica does not provide outputs relating to the movement of individuals. In the context of an origin-destination matrix, this is achieved by creating an average result representing multiple days of observations, and by rounding results to integer values.

Applying standard rounding methods would cause errors in the outputs because they would cause many cells in the matrix to be rounded to zero, reducing the volume of trips in the data. To avoid this, stochastic rounding is used whereby the probability of a value being rounded up or down depends on fractional part – so a value of 0.1 has a 90% probability of being rounded down to zero and a 10% probability of being rounded up to one. This method of rounding preserve the overall volumes of the matrix (and the size of any part of the matrix large enough for the rounding interval to be negligible) while also preventing the disclosure of individual level data.

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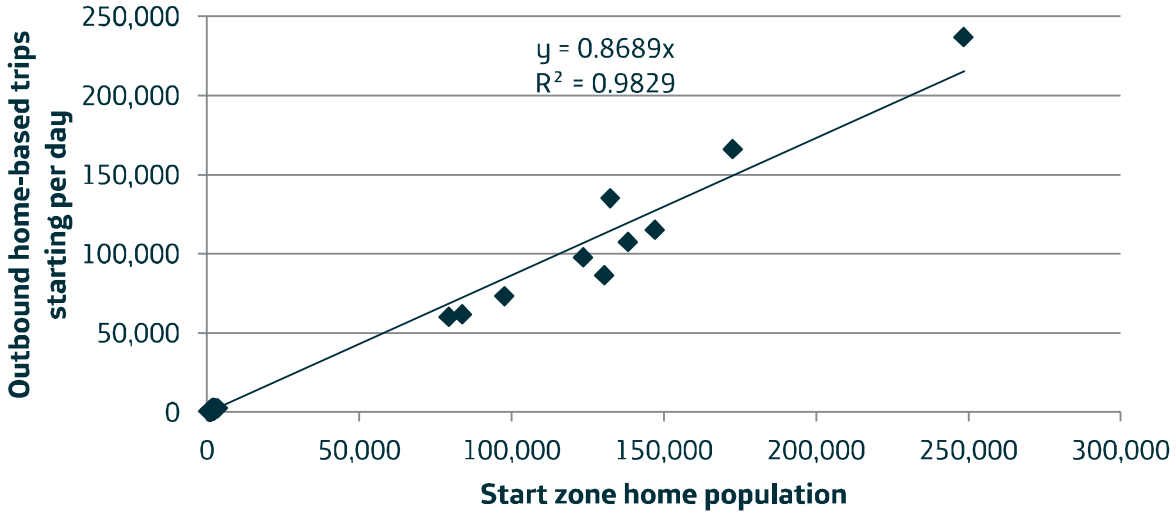
4. Validation

Prior to releasing the data Telefonica carries out a range of validation checks to ensure internal consistency and check against relevant alternative data sources. Because trips are only included if they penetrate the model cordon, checks are usually limited to zones which are fully within the cordon.

4.1. Comparison of home based origins with zone home population

The scatter graph below shows the number of outbound home based trips starting in each zone within the cordon on an average day in the study period against that zone's home population, based on the 2011 census. As is to be expected, zones with a higher population tend to have more home trip ends per day, with an R2 of 0.98 indicating a strong correlation between the two variables. A similar result was found when checking the number of inbound home based trips ending in each zone against the home population.



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4.2. Comparison of work based origins with zone work population

The following graph shows the number of outbound home based work trips arriving at each zone within the cordon, during a typical day in the study period, against the work population of each zone (based on census workplace statistics). Again a strong correlation is **found with an R2 of 0.98. A similar** result was found when comparing the number of inbound home based work trips starting in each zone with the zone work population.

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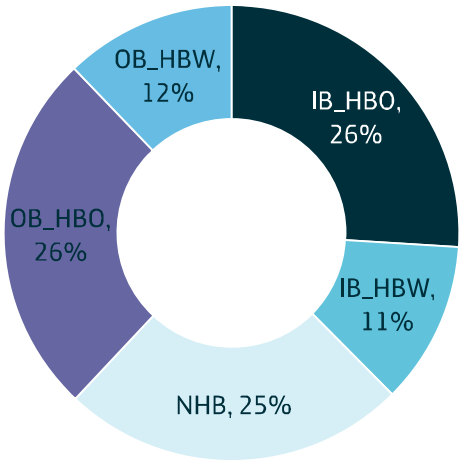
4.3. Trip purpose split

The following chart shows the trips starting or ending in zones fully within the cordon, split by purpose:



A direct comparison of this data with secondary data is difficult because there are no publicly available datasets showing trips split by purpose for particular areas of the country. A high level comparison with the DfT's TEMPRO data suggests that the number of non-home-based trips in the mobile phone data is high. This could be due to limitations in the TEMPRO data, although there two other reasons why NHB trips may be over-represented in the mobile phone data:

- Home based trips may tend to be shorter than NHB trips, and so more likely to be missing in the mobile phone data
- Education trips are more likely to be home based, and are also more likely to be missing from the mobile phone data (particularly for users without phones).

It is recommended that secondary data sets are used to complement the mobile phone data to correct for the biases described above and increase the proportion of home based trips.

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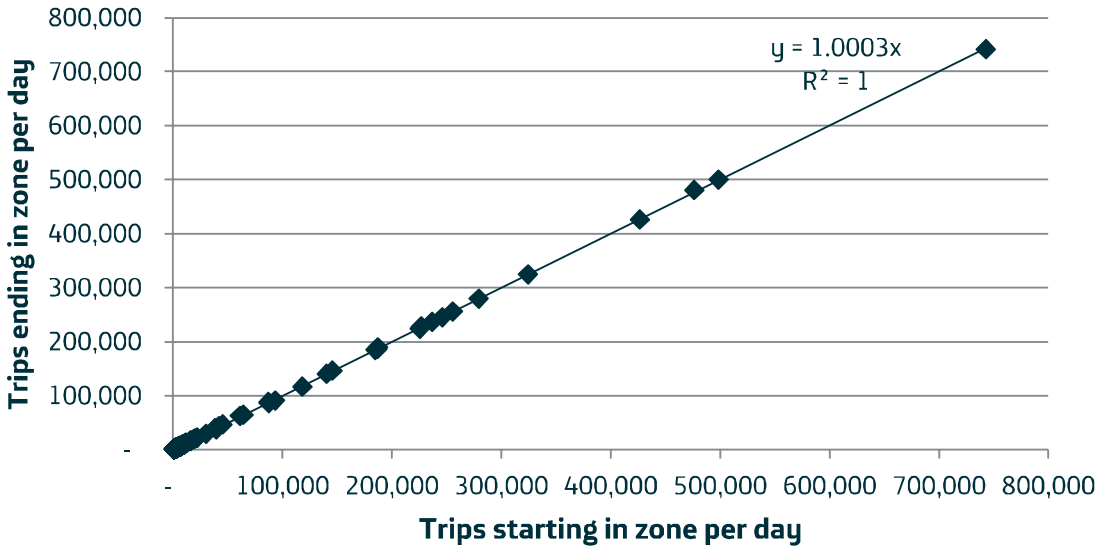
4.4. Trip symmetry

The graph below shows a comparison of the number of trips starting (by all modes and purposes) with the number of trips ending in each zone. As expected a very strong correlation is found, with an **R2 extremely close to 1**. A similar result was found when analysing the symmetry of HBW trips only, HBO trips only, and when trips were segmented by mode.



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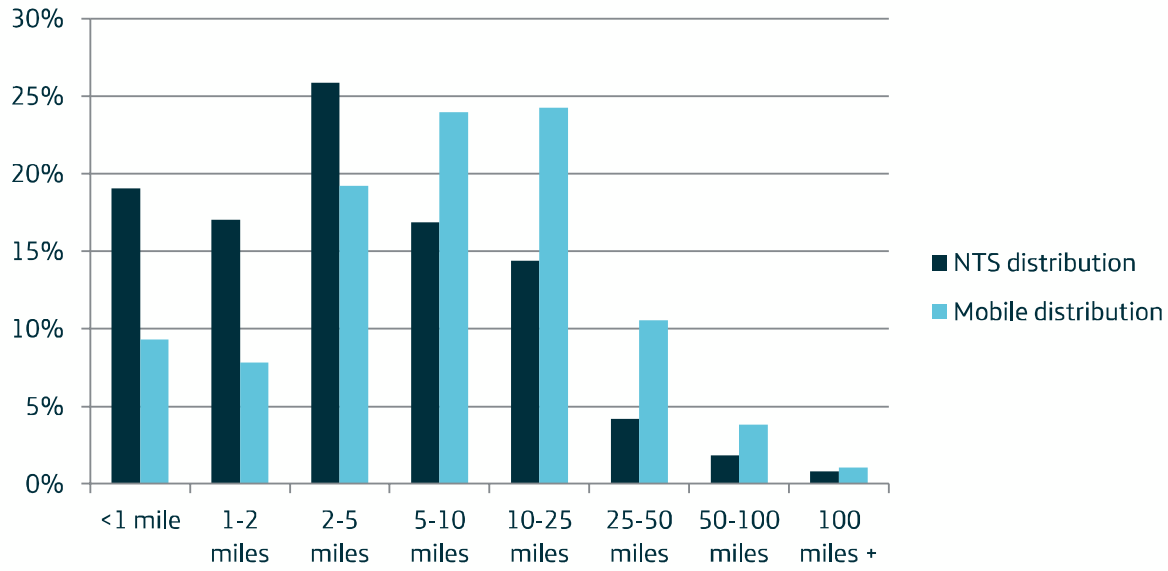
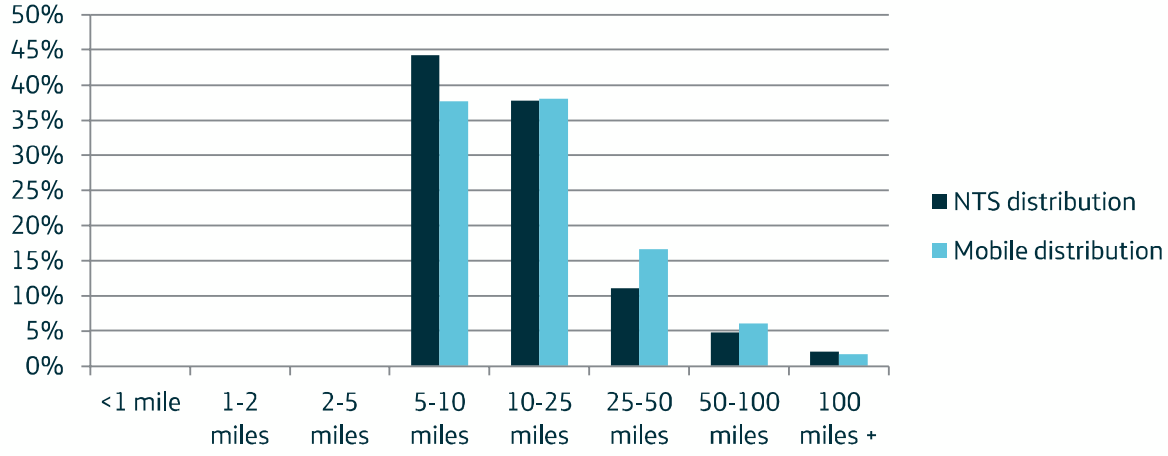
4.5. Trip length distribution compared to National Travel Survey

The graph below shows a comparison of the trip length distribution for trips starting or ending in the cordon (by all modes and purposes) with the trip length distribution reported in the National Travel Survey for East England (NTS9911).



At first glance the match between the two datasets is poor, with the NTS containing more trips below five miles and the mobile data containing more trips above 5 miles. However, a better match is found when comparing only trips above five miles in length:



This result indicates that trips **above five miles in length** are well represented in the mobile phone data, while trips below five miles in length are partially represented in the mobile phone data. This is a well-known limitation of mobile phone data, since trips can only be represented if they move between cells, which in rural areas can be large. It is recommended that secondary datasets are used to correct for this bias in the mobile phone data.

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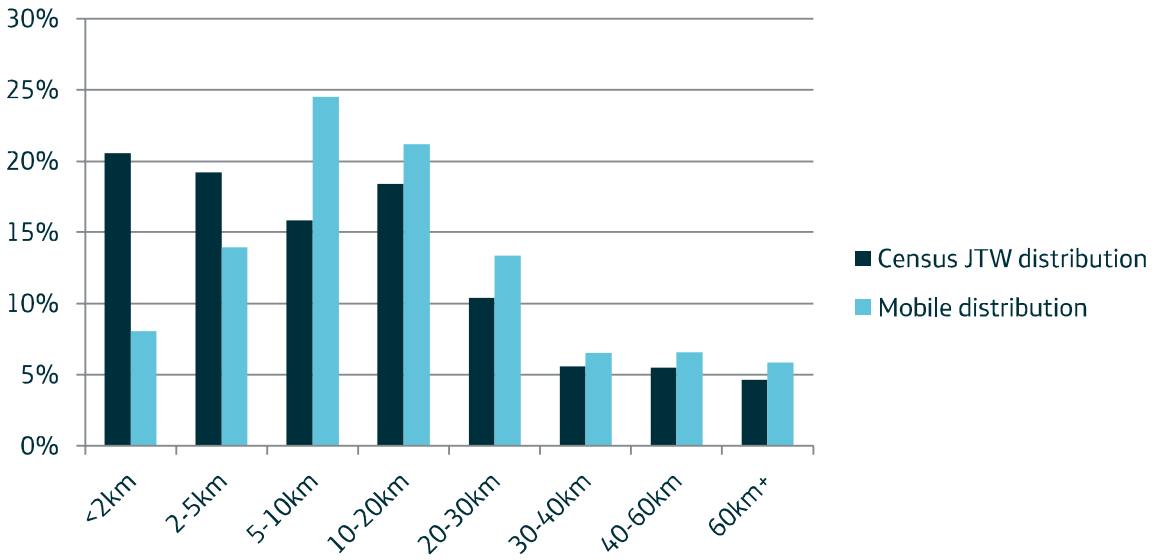
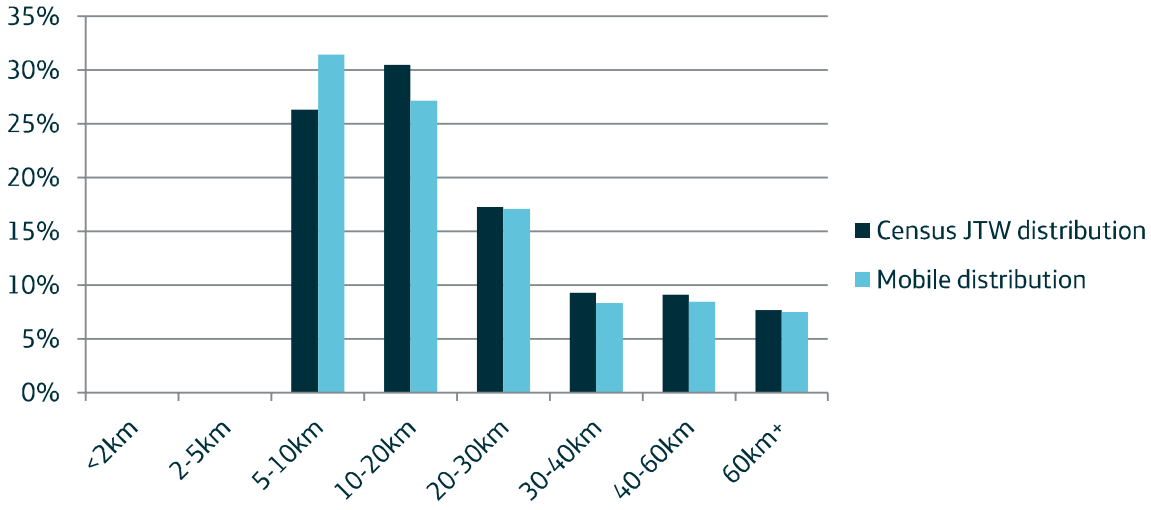
4.6. Trip length distribution compared to census journey to work data

The graph below shows a comparison between the trip length distribution of the outbound home based work trips in the mobile phone data with the commute distances reported for residents in the cordon in the 2011 census (excluding walk commutes):



As for comparisons with the census, the match for this range is poor, but improves when only trips above 5km are included in the comparison:



This result indicates that trips above 5km are well represented in the data, suggesting that the point at which trips start to be under-represented in the mobile phone data is somewhere between 2 miles (3.2km) and 5km.

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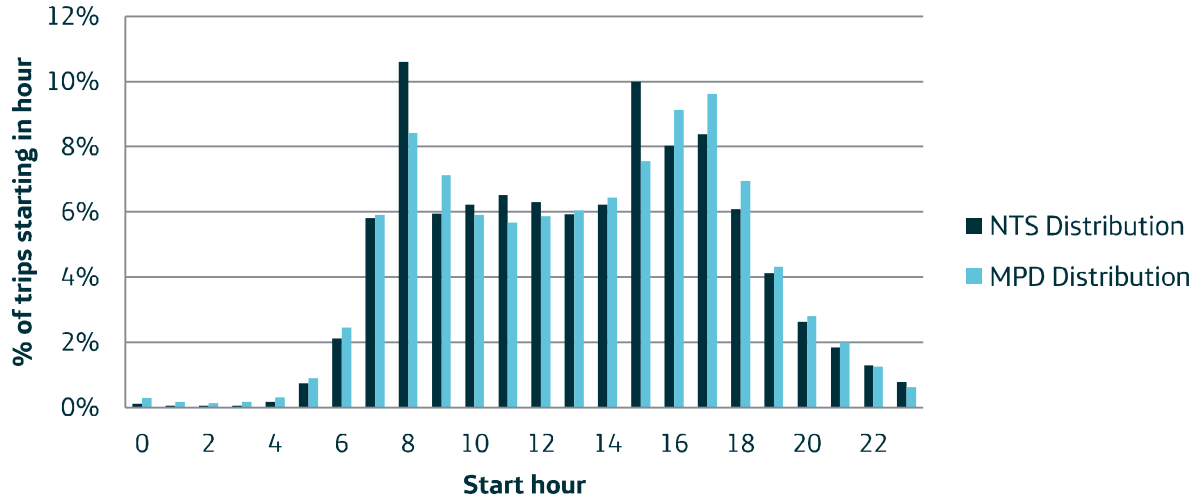
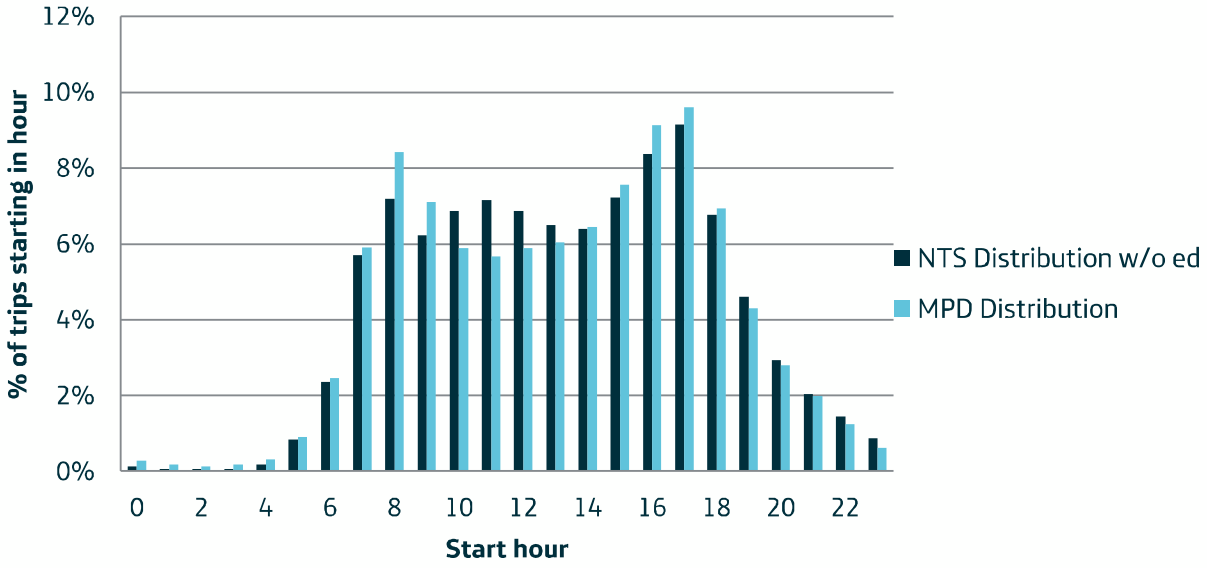
4.7. Comparison of trip start time with National Travel Survey

The graph below shows the percentage of trips starting in each hour in the study against the percentage indicated by the National Travel Survey (NTS). This is not a direct comparison since the NTS result includes trips across the UK, whereas the mobile data results only include trips that start in Suffolk.



This comparison shows a good match between the two datasets, except for trips starting between 8am and 9am and between 3pm and 4pm. Further analysis indicates that this difference could be attributed to education and education escort trips, suggesting that these trips are poorly represented in the mobile data. This may be due to the trips being particularly short, and due to some education trips being made by users without phones. It is recommended that secondary data be used to correct for this bias.

The graph below indicates how this comparison improves when education and education escort trips are removed from the NTS. The comparison is much stronger, especially considering the inconsistency between the areas covered by the surveys:



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4.8. Comparison of mode with census journey to work data

Analysis of census journey to work data for the study area indicates that 5% of commute trips starting in the cordon were by rail (excluding walk/cycle trips).The mobile phone data also indicated 5% of OB HBW trips were rail trips.

Similar analysis was carried out for commuting trips ending in the study area. The 2011 census suggested 2.2 % of commute trips ending in the cordon were by rail, while the mobile data suggested 1.5% of trips ending in the cordon were by rail.

In the case of commute trips ending in the cordon, the mobile phone data slightly underestimates rail trips. This is likely to be due to a small proportion of shorter rail trips being attributed to road. The impact on the road matrix is likely to be small but the impact on the rail matrix may be more significant, and it is recommended that where local rail trips are important secondary data is used to complement the mobile phone data.

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5. Summary

The methodology and validation sections have highlighted a number of biases, all of which are recognised limitation of mobile phone data. It is represented that secondary data sources are used to enhance them mobile phone data to correct for them:

- Comparisons with trip length distributions from NTS and the census indicate that trips below 5km are likely to be under-represented in the mobile phone data. However, this will depend on the cell resolution – in urban areas (e.g. Ipswich) short distance trips are more likely to be represented, while in rural areas the threshold may be slightly higher. Previous experience suggests that trips between MSOAs are likely to be well-represented, but trips within MSOAs, or between LSOAs, may be under-represented.
- Comparisons with trip start time indicate that education and education escort trips are likely to be under-represented in the mobile phone data. This will partly be a natural consequence of the short-trip bias (since many education trips are short), but may also be due to some education trips being made by people who do not carry phones. Where education trips are included in the mobile phone data, they are likely to be counted as home-based-work trips.
- Comparisons with TEMPRO data indicate that home-based trips are under-represented in the mobile phone data. This is likely to be a combination of the above two biases, since most education and education escort trips are home based, and home based trips may also tend to be shorter than non-home based trips.
- Park and ride trips are represented in the mobile data as rail trips from the initial origin to the final destination. Where park and ride is thought to be a key component of demand, it is recommended that secondary datasets are used to split the rail matrix into rail legs and road access legs.
- Longer distance, faster cycle trips are likely to be included in the mobile data as road trips. These trips are unlikely to have a significant impact on the matrices since this represents a small volume of commutes compared to road modes.
- Some short distance rail trips may be included in the road matrix, due to difficulties in distinguishing mode for short distance trips.

Subject to these biases, the checks have shown that the mobile data provided is internally consistent and compares well to the secondary data it is compared above. The checks described are limited to publicly available datasets and are not intended to be exhaustive, further comparisons with appropriate local datasets are advised prior to applying the matrices to a transport model.

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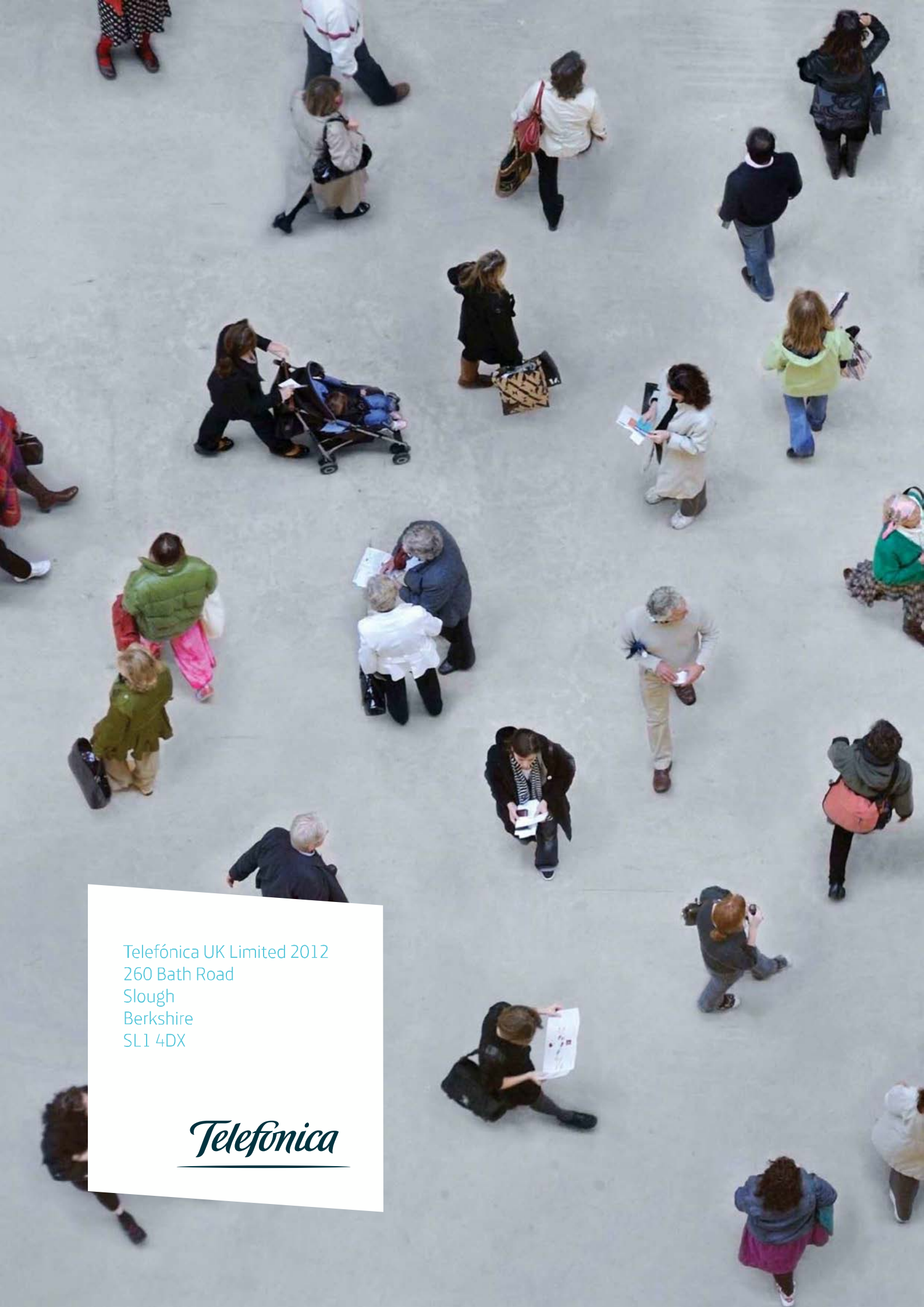

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Appendix F.2

WSP MOBILE NETWORK DATA

VERIFICATION

Suffolk County Council

MOBILE NETWORK DATA VERIFICATION REPORT

Suffolk County Transport Model

SCTM - DATA VERIFICATION
NOVEMBER 2017

CONFIDENTIAL

Suffolk County Council

MOBILE NETWORK DATA VERIFICATION REPORT

Suffolk County Transport Model

TYPE OF DOCUMENT (VERSION) CONFIDENTIAL

PROJECT NO. 70016133
OUR REF. NO. SCTM - DATA VERIFICATION

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QUALITY CONTROL

Issue/revision	First issue	Revision 1	Revision 2	Revision 3
Remarks	Final			
Date	November 2017			
Prepared by	D Duke			
Signature				
Checked by	M Johns			
Signature				
Authorised by	M Chilvers			
Signature				
Project number	70016133			
Report number				
File reference	Appendix C_Verification of Mobile Network Data_v2.docx			

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1 INTRODUCTION

1.1 BACKGROUND INFORMATION

1.1.1. Until recently the majority of transport data was collected intrusively on-site, e.g. through observations, roadside interviews or travel diary surveys. Today however, the widespread use of mobile phones means that data can be collected in a passive way through analysing people's daily activities, such as making phone calls, messaging friends, shopping online or simply by reading the submissive signals of a switched on mobile device.

1.1.2. The continuous recording of such data is generating datasets of vast volumes, which is a step change from traditional data gathering methodologies and analysis techniques.

1.1.3. In the Suffolk County Transport Model (SCTM) this information has been used to inform the construction of the prior trip matrix. This report should therefore be read in conjunction with the trip matrix development section of the SCTM Local Model Validation Report.

1.1.4. Telefonica (O2 in the UK), a Mobile Network Operator (MNO) were requested by WSP to prepare origin-destination (OD) matrices for the whole of Suffolk and a buffer area surrounding it using Mobile Network Data (MND). A report detailing the methodology employed by Telefonica to derive the OD matrices from MND has been produced titled "Suffolk OD from Mobile Phone Data Project Report" v1.0, issued 25/11/2016, included as Appendix B in the SCTM Local Model Validation Report (LMVR).

1.1.5. The OD matrices estimated from MND have certain strengths compared to conventional sources of OD information: data is collected from a large percentage of the population, capturing day-to-day variability of trips. However, MND is a relatively new data type which is not collected exclusively for the purpose of transport planning and one should be aware of and recognise potential limitations of using mobile phone data in the following aspects:

- Spatial resolution and data accuracy;
- Identification of short trips (linked to spatial resolution issues);
- Identification of mode, vehicle type and vehicle occupancy;
- Identification of trip purpose; and
- Expansion of mobile phone data sample.

1.1.6. To gain confidence that the overall pattern of trips produced from MND is reasonable and to identify any potential issues associated with the initial processing of MND undertaken by Telefonica, it is important to compare the MND with alternative well-established data sources. Any issues identified at this stage are fed back to Telefonica for further refinement of the process or are addressed during the follow up stages of matrix building.

2 MOBILE NETWORK DATA VERIFICATION OVERVIEW

2.1 SPATIAL AREAS

2.1.1. The verification analysis has been carried out at various spatial levels, including the following spatial aggregations internal to Suffolk and illustrated in Figures 1 to 3:

- 7 Districts;
- 23 Sectors; and
- 90 2011 Census Middle Super Output Areas (MSOAs).

Figure 1 Suffolk District Boundaries

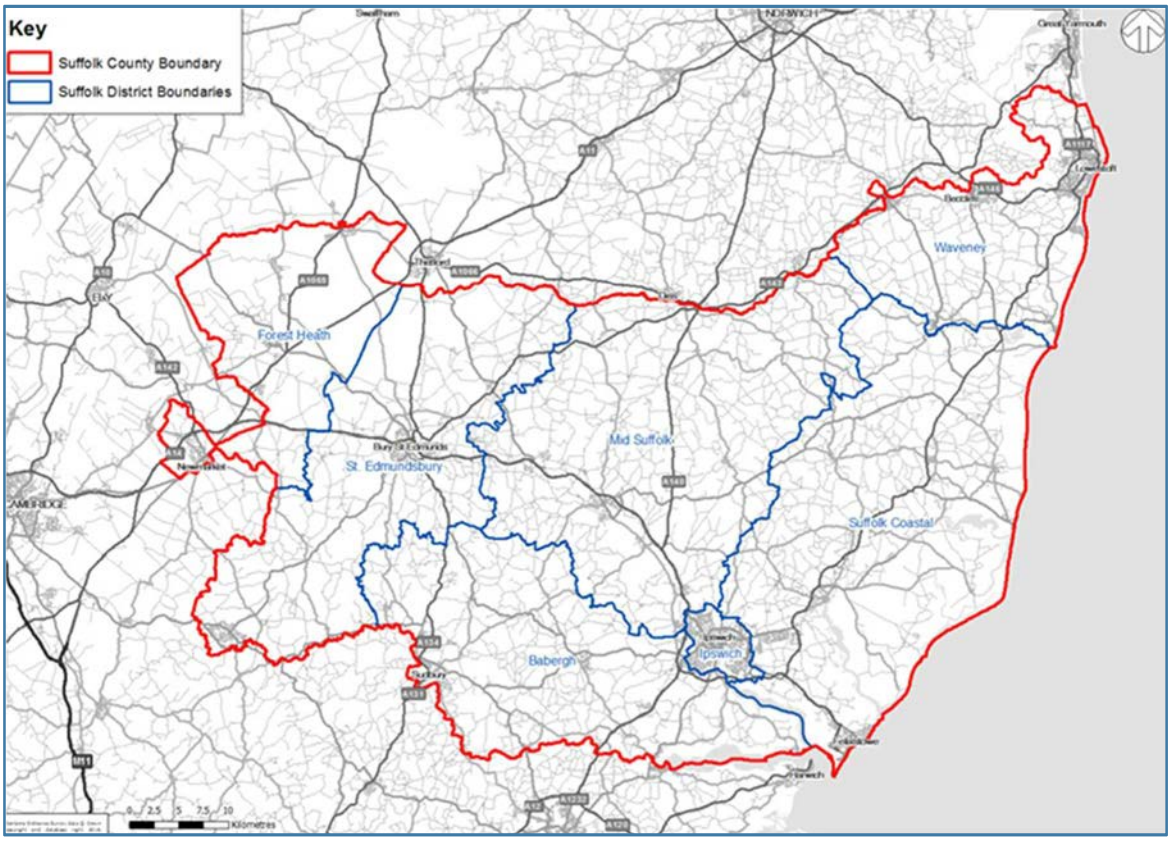


Figure 2 SCTM Sector Boundaries

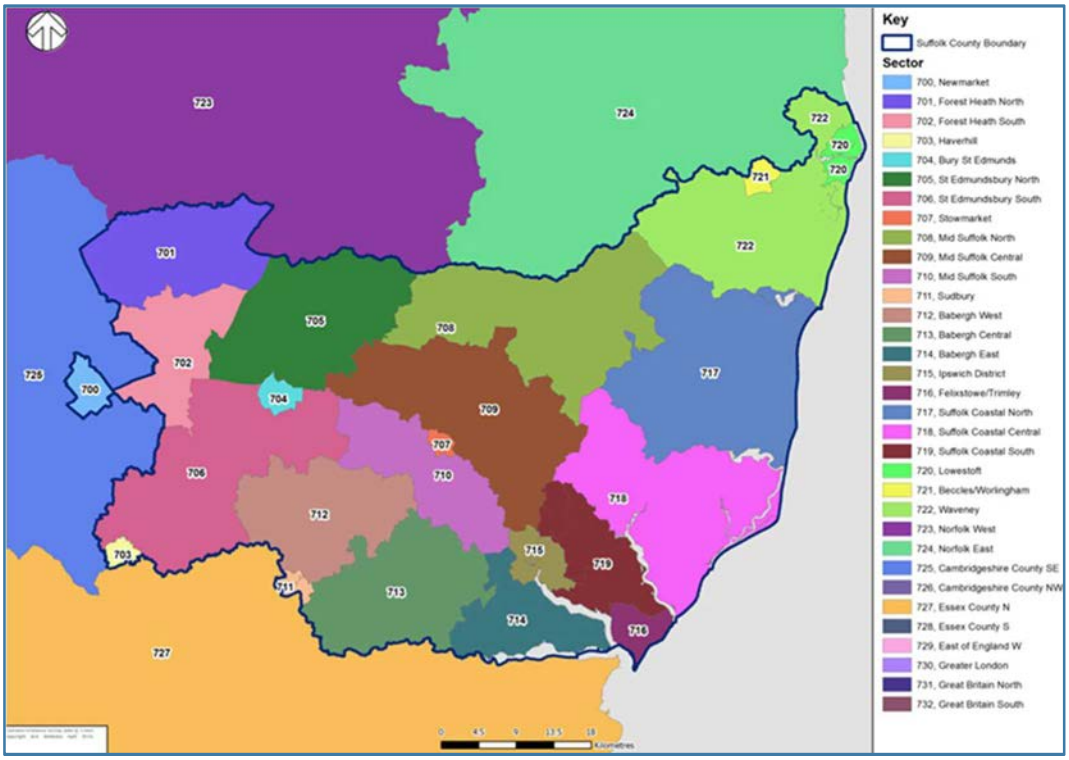
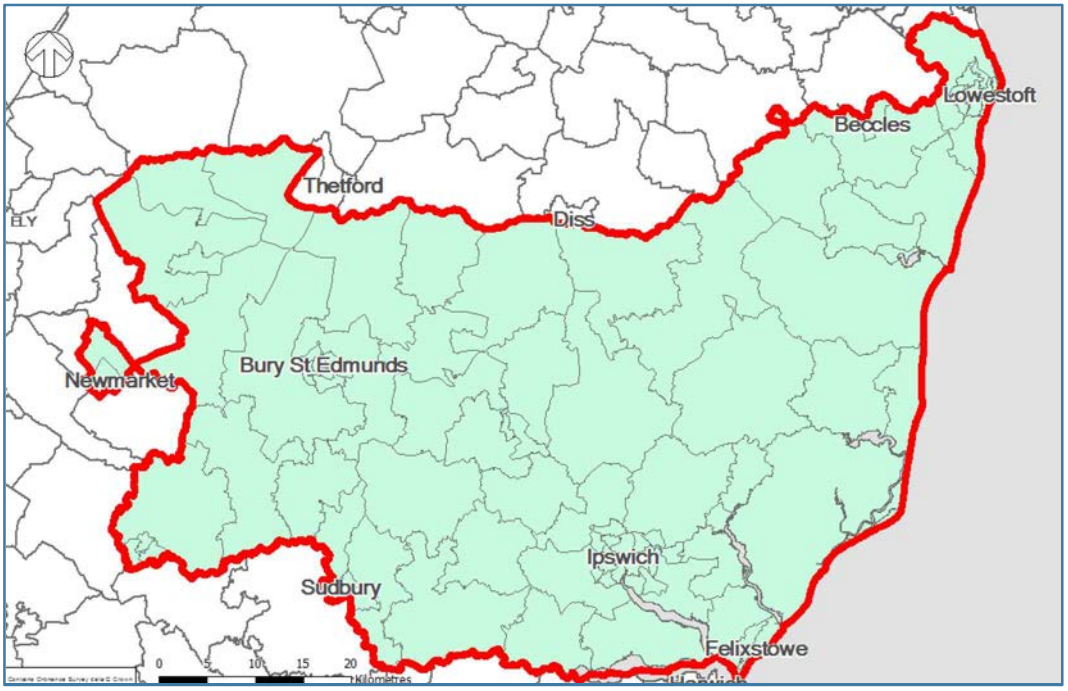


Figure 3 Suffolk MSOA Boundaries



2.1.2. All of the analysis presented within this note is for trips which have at least one end of a trip in Suffolk i.e. they are Internal-External, External-Internal or Internal-Internal trips. External-External trips are not included in the analysis presented in this note. This has been done as the extent of the mobile phone cordon covers the majority of counties neighbouring Suffolk and therefore a large number of trips which will not enter the simulation network for the SCTM. The external-external movements could therefore potentially mask trends specific to the origin-destination movements within Suffolk if they were included.

2.2 VERIFICATION TESTS

2.2.1. A summary of all of the tests that have been carried out as part of the MND verification are provided in Table 1 below.

Table 1 MND Verification Tests Summary

Verification Area	Issue/Data source	Spatial level	Time Period	Objective	Reporting
Baseline data comparison	2011 NTEM 7.2 HBW vs JTW	District MSOA Sector	Daily	Test for how consistent baseline is	Table 2
Rail Trip Removal	MND HBW vs JTW (with and wo rail)	District MSOA Sector	Daily	Test rail trip removed correctly	Table 3
Trip Rates	From MND home origins to home destination vs population	District MSOA Sector	Daily	Test trip rate plausibility	Table 4
Trip Ends	HBW vs JTW (home and work) ODs vs NTEM by purpose	District MSOA Sector	Daily; Peak Period	Test spatial accuracy	Table 5, Table 6, Table 7, Table 8
Trip Purpose	MND HBW / HBO / NHB split vs. NTS & NTEM	District	Daily	Investigate inclusion of HBE in HBW matrices	Table 12
Symmetry	MND – All Purposes / Home-Based Purposes	District MSOA Sector	Daily	Confirm balance IB /OB	Table 16
Trip Distribution	MND HBW vs JTW	District	Daily	Veracity of HBW distribution vs Census	Figure 17, Figure 18, For the motorised mode the correlation between the MND and Census is very close with all the districts showing a similar degree of attractiveness both for origins and destinations. Figure 19, Figure 20
Trip Length Distribution	MND All-purpose vs NTS	Distance bands	Daily	Veracity of TLD	Figure 21, Figure 22
Daily Profile	MND Daily profile of trips vs. NTS	Region	Hourly	Compare trip start time profile	See Section 4.7 of the Telefonica report

2.3 TELEFONICA VERIFICATION

2.3.1. The report produced by Telefonica provided details of the high level checks Telefonica have made against the Suffolk MND. The analysis by Telefonica is presented in terms of all zones within the cordon used to produce the MND; therefore this includes the majority of Norfolk, Cambridgeshire and Essex as well as the entire of Suffolk. Suffolk zones in the MND are represented by Lower Super Output Area boundaries; neighbouring external zones within the cordon are based on district boundaries.

2.3.2. In summary this shows:

- R-sq of 0.98 for outbound home-based trips compared to 2011 Census home population;
- Similar result for inbound home-based trips (though R-sq not reported);
- R-sq of 0.98 for outbound home-based work trips compared to census workplace statistics;
- Similar result for inbound home-based work trips (though R-sq not reported);

- Trip purpose split compared to TEMPRO 6.2 suggests that the proportion of Non-Home Based trips is high in the MND;
- Trip symmetry in terms of number of trips starting and ending in MND zones across the day is close to 1;
- Trip length distribution comparisons with NTS show a reasonable match if trips below 5 miles are ignored in both sources;
- Trip length distribution comparisons with 2011 Census JTW show a reasonable match if trips below 5 miles are ignored in both sources; and
- Hourly distribution of the MND shows reasonable match to NTS if education trips are ignored.

2.3.3. It is considered the checks presented by Telefonica have been carried out at a general, high level and more detailed verification of the data is required prior to its use in the SCTM as provided by this note.

3 BASELINE DATA COMPARISON

3.1.1. The NTEM 7.2 and 2011 Census JTW datasets have been compared to each other to indicate whether there are any differences in these datasets prior to their use in verifying the MND. Table 2 below summarises the analysis undertaken.

Table 2 2011 NTEM 7.2 HBW Production/Attraction versus 2011 Census JTW Data – Suffolk Only, Daily

Verification Area	Travel Mode	Data Source	Spatial Level	Time Period	R-squared		Slope		Intercept	
					Origin	Destination	Origin	Destination	Origin	Destination
Baseline data comparison	Road	NTEM 7.2 vs JTW	District	Daily	0.990	0.969	0.8497	0.6940	-2853	3538
			Sector	Daily	0.995	0.992	0.7924	0.7378	-312	663
			MSOA	Daily	0.827	0.987	0.6410	0.6572	296	364
	Rail	NTEM 7.2 vs JTW	District	Daily	0.111	0.996	0.2568	1.6684	704	17
			Sector	Daily	0.672	0.997	0.9209	1.6658	35	5
			MSOA	Daily	0.031	0.993	0.0796	1.6122	67	3

3.1.2. Table 2 shows for motorised users (Car + Car Passenger + Bus) there is a strong correlation between 2011 NTEM 7.2 home-based work and 2011 Census JTW. However, this is not the case for rail trips. In terms of regression analysis, there is no correlation in terms of rail origins between NTEM 7.2 and Census JTW. For destinations, the correlation is close to 1 between the two datasets for rail. In terms of quantum of trips, Census JTW is shown to have significantly higher values for both origins and destinations for road users, and for rail trips which have a destination in Suffolk.

3.1.3. The key baseline datasets which have been used to verify the MND therefore show inconsistencies in terms of the rail trips they identify and generally the quantum of trips for all modes. Some of the reasons for these differences are due to how the datasets are defined, Census JTW captures individuals main journey from home to work, unlike NTEM it takes no account of issues such as annual leave, sick leave, weekday / weekend commuting, splits between full-time and part-time working and the fact many people partially work from home.

3.1.4. It should be considered that no adjustments have been made to these baseline datasets when they are compared to the Suffolk MND, aside from NTEM 7.2 information being obtained for 2015 when compared to the MND, rather than for 2011 when compared to Census JTW.

4 RAIL TRIP FILTERING

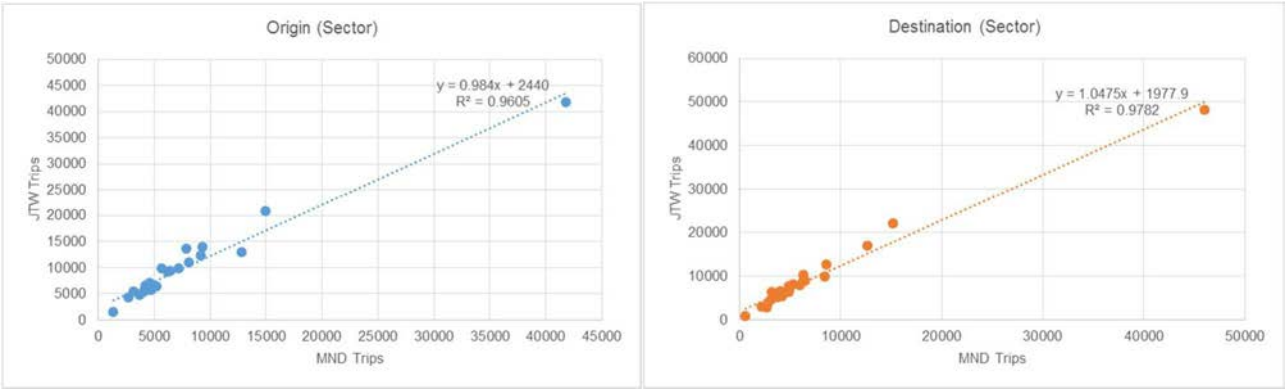
4.1.1. The rail trips in the MND have been filtered from the rest of the data through a process that Telefonica have carried out, identifying platoons of trips travelling along specific sets of masts to determine what is flagged as a rail trip. This set of verification statistics aims to show whether this filtering process has been successful through comparison of road and rail statistics against 2011 Census JTW data and is presented in Table 3 below.

Table 3 2015 MND HBW versus 2011 Census JTW Data – Suffolk Only, Daily

Verification Area	Travel Mode	Data Source	Spatial Level	Time Period	R-squared		Slope		Intercept	
					Origin	Destination	Origin	Destination	Origin	Destination
Rail Trip Removal	Road	HBW vs JTW	District	Daily	0.708	0.901	0.6627	0.8569	15744	10925
			Sector	Daily	0.959	0.977	0.9787	1.0422	2444	2001
			MSOA	Daily	0.308	0.894	0.5372	1.1591	1463	298
	Rail	HBW vs JTW	District	Daily	0.898	0.851	0.9608	1.1647	135	12
			Sector	Daily	0.917	0.916	1.0731	1.2102	14	0
			MSOA	Daily	0.485	0.686	0.6819	1.1293	27	2
	Road + Rail	HBW vs JTW	District	Daily	0.730	0.905	0.6794	0.8679	15693	10764
			Sector	Daily	0.960	0.978	0.9840	1.0475	2440	1978
			MSOA	Daily	0.348	0.899	0.5718	1.1646	1431	289

4.1.2. Table 3 shows a strong correlation when comparing MND home-based work trips to 2011 Census JTW at all spatial levels. However, there are issues with this data comparison which should be considered; the MND is from 2015, whereas the Census JTW is from 2011. Also the MND does include an element of education trips within the HBW purpose from both students and education escort trips, whereas Census JTW are purely work-based trips. Figure 4 highlights this relationship at a sector level for origins and destinations.

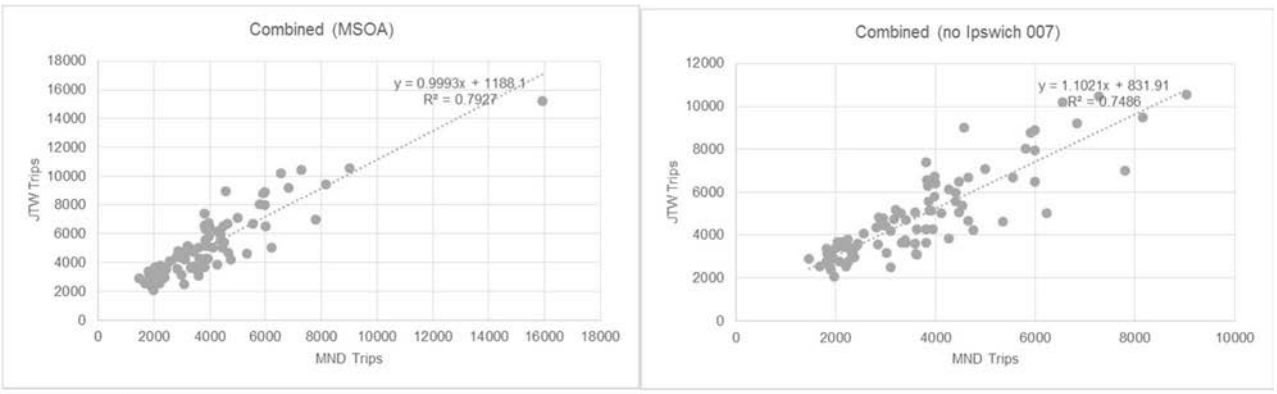
Figure 4 MND HBW vs 2011 Census JTW by Origin and Destination Independently (Sector) – Suffolk Only, Daily



4.1.3. Figure 4 shows a strong correlation between MND home-based work trips to 2011 Census JTW at sector level.

4.1.4. Figure 5 shows corresponding analysis at MSOA level both with and without the Ipswich 007 MSOA (Ipswich town centre is a clear outlier in terms of total trip numbers).

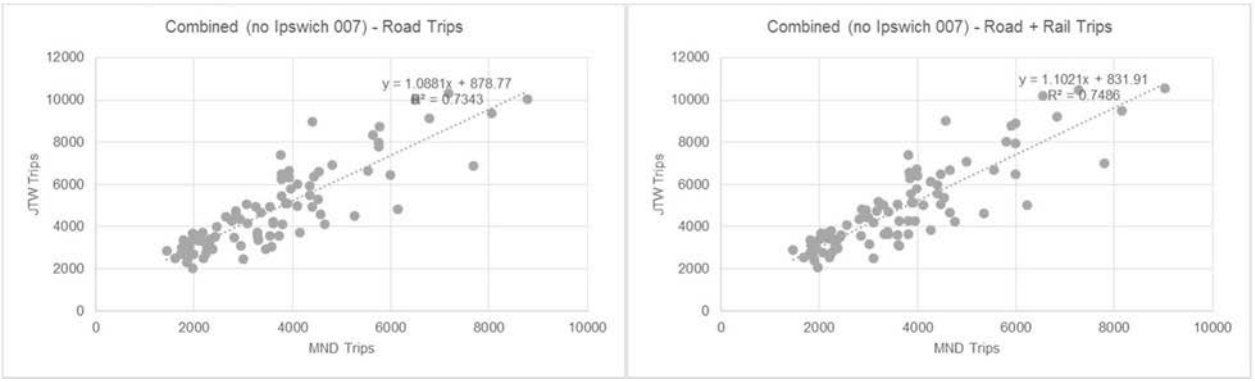
Figure 5 MND HBW vs 2011 Census JTW for Combined Origins and Destinations (MSOA) – Suffolk Only, Daily



4.1.5. Figure 5 shows that even once the impact of the outlier is removed the analysis for the origins and destinations shows show a good relationship to 2011 Census JTW at a disaggregated level for the MND HBW trips. The regression analysis for origin trips at MSOA level compared to Census JTW show lower r-squared values.

4.1.6. Table 3 also provides differentiation in terms of regression performance by mode between MND and Census JTW, comparing road trips, rail trips and road combined with rail trips. Figure 6 compares the correlation at an MSOA level.

Figure 6 MND HBW vs 2011 Census JTW by Combined trips, Road against Road + Rail (MSOA) – Suffolk Only, Daily



4.1.7. Figure 6 shows a similar level of performance between road trips in isolation and when rail trips are included. This analysis shows there is a similar pattern of regression between the two analyses suggested rail trips have been successfully differentiated from the road trips, there are no significant outliers in the road matrix which do not exist in the combined road and rail matrix.

5 TRIP RATES

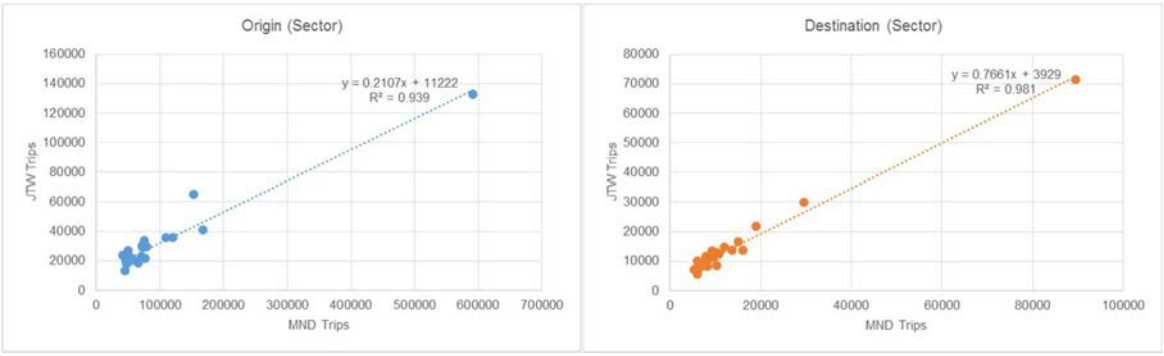
5.1.1. This set of verification statistics aims to show that the trip rates given by the MND are considered plausible for each area of the county through comparison to other datasets. Table 4 provides a summary of the datasets.

Table 4 MND HBW Trips Outbound vs 2011 Census Resident Population (Origins) / 2011 Census Workplace Population (Destinations) – Suffolk Only, Daily

Verification Area	Travel Mode	Data Source	Spatial Level	Time Period	R-squared		Slope		Intercept	
					Origin	Destination	Origin	Destination	Origin	Destination
Trip Rates	Road + Rail	HBW vs JTW	District	Daily	0.681	0.874	0.1526	0.6182	55281	19728
			Sector	Daily	0.939	0.981	0.2107	0.7661	11222	3929
			MSOA	Daily	0.223	0.905	0.0449	0.7753	6957	971
			District	APH	0.704	0.856	3.4710	1.5145	40160	22259
			Sector	APH	0.900	0.976	4.3028	1.9488	7591	4508
			MSOA	APH	0.351	0.882	1.6827	2.0110	5668	1069
			District	IP	0.729	0.778	6.6513	2.7581	43547	24122
			Sector	IP	0.938	0.972	8.3177	3.7732	8669	4640
			MSOA	IP	0.218	0.820	2.6647	3.3025	6189	1506
			District	PPH	0.725	0.875	3.7497	1.7221	39450	20617
			Sector	PPH	0.909	0.979	4.5744	2.1542	7708	4166
			MSOA	PPH	0.398	0.893	1.9850	2.1498	5419	1070

5.1.2. Table 4 shows for home-based work trips in the MND there is a satisfactory relationship at all spatial levels and across time periods compared to 2011 Census resident population for origins and 2011 Census workplace population for destinations. The exceptions to this are origins at an MSOA level, showing a similar level of performance to the analysis presented for Census JTW in Table 3 and is not therefore considered significant. Figure 7 illustrates MND HBW Trips vs 2011 Census Population at Sector Level.

Figure 7 MND HBW Trips vs 2011 Census Population (Sector)



5.1.3. Figure 7 highlights there is a very strong correlation at sector level between home-based work trips in the MND and 2011 census population.

6 TRIP ENDS

6.1.1. Table 5 provides a comparison of all MND trip purposes to 2015 NTEM 7.2 origin destination trips.

Table 5 MND All Purposes versus NTEM 7.2 Production / Attraction – Suffolk Only, Daily

Matrix Issue	Travel Mode	Issue / Data Source	Spatial Level	Time Period	R-squared		Slope		Intercept	
					Origin	Destination	Origin	Destination	Origin	Destination
Trip Ends	Road	All purposes vs NTEM 7.2	District	Daily	0.782	0.792	0.4875	0.4928	107761	106599
			Sector	Daily	0.967	0.967	0.7023	0.7065	19904	19588
			MSOA	Daily	0.738	0.747	0.5154	0.5272	7953	7762
	Rail		District	Daily	0.432	0.540	0.4872	0.5907	1684	1459
			Sector	Daily	0.805	0.817	0.8554	0.8983	112	157
			MSOA	Daily	0.415	0.497	0.4969	0.5867	128	114
	Road + Rail		District	Daily	0.789	0.800	0.4960	0.5015	107730	106622
			Sector	Daily	0.967	0.967	0.7074	0.7121	19874	19587
			MSOA	Daily	0.749	0.758	0.5240	0.5359	7942	7756

6.1.2. Table 5 shows a satisfactory level of correlation at all spatial levels for both origins and destinations for road users, typically with r-squared values of 0.75 or higher for both origins and destinations. However the relationship between both data sources is not as strong at both a district and MSOA level for rail journeys.

6.1.3. Table 6, Table 7, and Table 8 provide analysis of all MND purposes to NTEM 7.2 for the AM peak period; inter peak period and PM peak period.

Table 6 MND All Purposes versus NTEM 7.2 Production / Attraction – Suffolk Only, AM Period (07:00-10:00)

Matrix Issue	Travel Mode	Issue / Data Source	Spatial Level	Time Period	R-squared		Slope		Intercept	
					Origin	Destination	Origin	Destination	Origin	Destination
Trip Ends	Road	All purposes vs NTEM 7.2	District	APH	0.784	0.909	0.2892	0.2997	18816	18983
			Sector	APH	0.973	0.982	0.3806	0.3834	3304	3651
			MSOA	APH	0.498	0.871	0.2532	0.3055	1708	1439
	Rail		District	APH	0.151	0.914	0.1190	0.6249	828	59
			Sector	APH	0.665	0.938	0.3881	0.6472	63	11
			MSOA	APH	0.099	0.732	0.0554	0.6229	76	5
	Road + Rail		District	APH	0.796	0.919	0.5889	0.6172	18794	18652
			Sector	APH	0.972	0.983	0.7684	0.7782	3278	3603
			MSOA	APH	0.525	0.881	0.5160	0.6274	1716	1417

Table 7 MND All Purposes versus NTEM 7.2 Production / Attraction – Suffolk Only, IP Period (10:00-16:00)

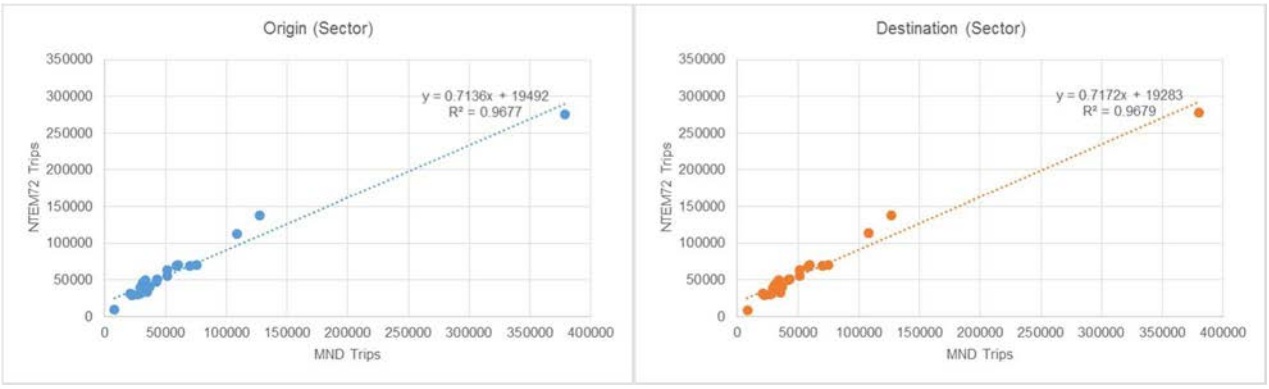
Matrix Issue	Travel Mode	Issue / Data Source	Spatial Level	Time Period	R-squared		Slope		Intercept	
					Origin	Destination	Origin	Destination	Origin	Destination
Trip Ends	Road	All purposes vs NTEM 7.2	District	IP	0.798	0.760	0.2669	0.2450	41688	44962
			Sector	IP	0.966	0.961	0.3755	0.3604	7825	8473
			MSOA	IP	0.720	0.691	0.2752	0.2382	3147	3576
	Rail		District	IP	0.484	0.526	0.3240	0.3436	552	589
			Sector	IP	0.818	0.789	0.5295	0.5433	55	87
			MSOA	IP	0.474	0.474	0.2944	0.3166	47	49
	Road + Rail		District	IP	0.802	0.766	0.5408	0.4968	41826	45189
			Sector	IP	0.966	0.961	0.7564	0.7265	7844	8513
			MSOA	IP	0.727	0.699	0.5571	0.4832	3159	3594

Table 8 MND All Purposes versus NTEM 7.2 Production / Attraction – Suffolk Only, PM Period (16:00-19:00)

Matrix Issue	Travel Mode	Issue / Data Source	Spatial Level	Time Period	R-squared		Slope		Intercept	
					Origin	Destination	Origin	Destination	Origin	Destination
Trip Ends	Road	All purposes vs NTEM 7.2	District	PPP	0.814	0.728	0.2052	0.1978	26064	26046
			Sector	PPP	0.966	0.958	0.2986	0.3013	5039	4620
			MSOA	PPP	0.792	0.520	0.2149	0.2173	1950	1867
	Rail		District	PPP	0.803	0.209	0.4333	0.1306	186	689
			Sector	PPP	0.914	0.671	0.5131	0.3476	25	75
			MSOA	PPP	0.667	0.174	0.4568	0.0802	12	62
	Road + Rail		District	PPP	0.826	0.732	0.4211	0.4030	26008	26207
			Sector	PPP	0.967	0.957	0.6048	0.6082	5032	4632
			MSOA	PPP	0.805	0.532	0.4411	0.4399	1943	1885

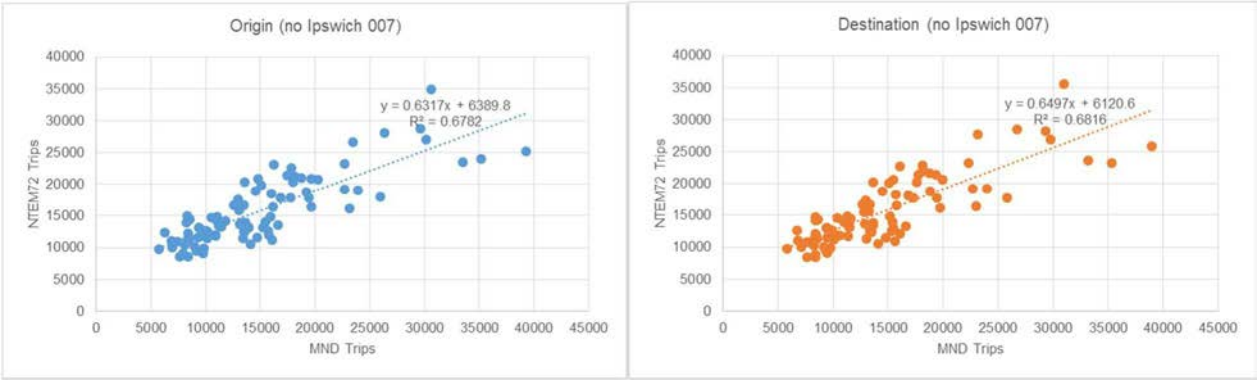
6.1.4. Tables 6, 7 and 8 show at a sector level there is a strong correlation between the MND and NTEM 7.2 for all travel modes, and for road users at a district level. When comparing the MND to NTEM data there are key differences between the datasets. MND includes LGVs which are not present in NTEM trips. MND is also known to under-estimate short distance trips which is not an issue in NTEM. Figure 8 shows the daily comparison at a Sector Level.

Figure 8 MND Trips versus NTEM 7.2 Trips (Sector) – Suffolk Only, Daily



6.1.5. Figure 8 shows that at a sector level there is a very strong relationship between the MND and NTEM 7.2 for both origins and destinations. Overall, the quantum of trips in NTEM is shown to be higher in Suffolk compared to the MND for districts in Suffolk, with the exception of Ipswich. Figure 9 provides a comparison of MND trips for all purposes to NTEM 7.2 trips at an MSOA level, excluding the outlier of Ipswich 007

Figure 9 MND Trips versus NTEM 7.2 Trips (MSOA) – Suffolk Only, Daily



6.1.6. Figure 9 provides shows there is a correlation between the two datasets at this disaggregated level which is considered appropriate given the limitations of the comparisons presented.

7 HIGH LEVEL MATRIX STATISTICS

7.1 INTRODUCTION

7.1.1. Initial individual matrices provided by Telefonica were aggregated by different attributes to produce matrices segmented by area, mode and purpose. Where possible the resultant summary statistics has been compared against secondary data sources and the results are described within this section.

7.1.2. All of the tables of data for MND in this section include intrazonal trips.

7.2 AREA SPLIT

7.2.1. The analysis of the daily demand segmented by Internal and External area is presented in Table 9. The Internal area includes all of Suffolk, the rest is classified as the External area. The boundaries of the Internal Area and the extent of the mobile data collection are graphically shown in Figure 10.

Table 9 MND Matrix Statistics – Daily by Area

MOTORISED

Area	Internal	External	Total
Internal	1,136,802	243,331	1,380,133
External	246,610	4,821,855	5,068,465
Total	1,383,412	5,065,186	6,448,598

Area	Internal	External	Total
Internal	18%	4%	21%
External	4%	75%	79%
Total	21%	79%	100%

RAIL

Area	Internal	External	Total
Internal	4,591	20,395	24,986
External	16,881	295,033	311,914
Total	21,472	315,428	336,900

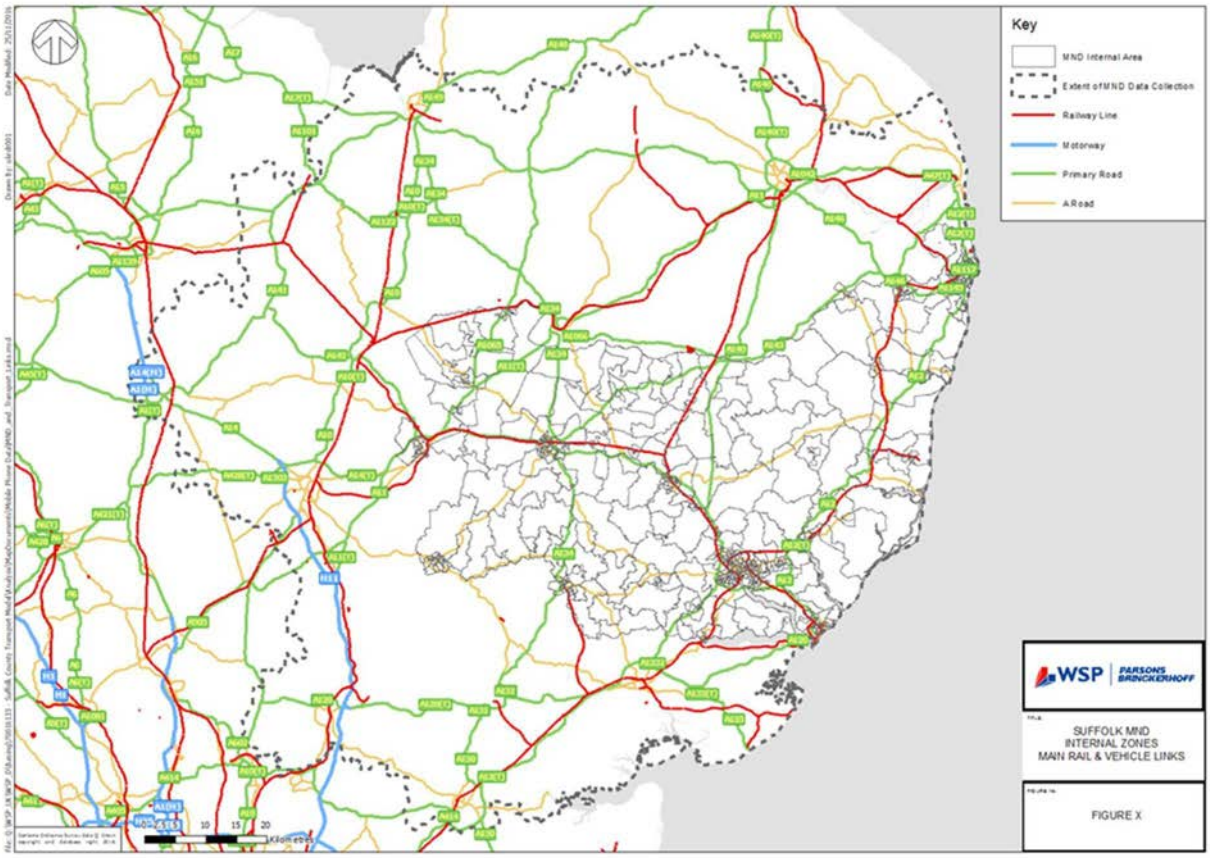
Area	Internal	External	Total
Internal	1%	6%	7%
External	5%	88%	93%
Total	6%	94%	100%

HGV

Area	Internal	External	Total
Internal	9,016	7,561	16,577
External	7,850	59,070	66,920
Total	16,866	66,631	83,497

Area	Internal	External	Total
Internal	11%	9%	20%
External	9%	71%	80%
Total	20%	80%	100%

Figure 10 MND Cordon and Suffolk area boundaries



7.2.2. 18% of all the daily motorised trips are undertaken entirely within the county of Suffolk. The trips not passing through the Internal area (i.e. trips entirely outside Suffolk) constitute 75%. The rest of the motorised trips are

those, which have either origin or destination within the External area. The proportion of daily Internal to External and External to Internal movements is 4% each, which reiterates the symmetry of the MND matrix.

7.2.3. The analysis of the rail and HGV movements shows a similar pattern of movements when compared to the motorised mode. The proportion of rail and HGV movements that don't pass through the Internal area is the highest proportion of movements and constitutes 88% for rail and 71% for HGVs. The proportion of rail trips completed within the Internal area is only 1%, whereas the proportion of internal HGV movements is 11%. Similarly to the motorised mode, rail and HGV movements have equal or almost equal proportions of Internal to External and External to Internal movements, which restates the symmetry of the matrices.

7.2.4. A high proportion of the through movements are explained by the definition of the Internal area. The Internal area covers Suffolk only and is smaller than the area for which the MND was captured. The External area also includes four major towns and key trip generators: Norwich, Cambridge, Chelmsford and Colchester, which may be outweighing the trip generation of Bury St Edmunds and Ipswich, located within the Internal area. In addition major strategic links run through the external area but within the MND area such as the M11 and A1(m) meaning all trips using those links are included within the External trip numbers.

7.3 MODAL SPLIT

7.3.1. The matrices provided by Telefonica were split into three modes of travel:

- Road – All motorised road based person trips excluding HGVs
- Rail
- HGV

7.3.2. The modal split has been calculated for each time period and across the day and is presented in Table 10.

Table 10 MND Matrix Statistics – Daily by Mode

Mode / Time Period	AM 07:00-10:00	IP 10:00-16:00	PM 16:00-19:00	OP 19:00-07:00	Daily
Motorised	92.9%	95.5%	94.2%	90.9%	93.9%
Rail	6.0%	3.2%	4.9%	7.3%	4.9%
HGV	1.1%	1.2%	0.9%	1.9%	1.2%
All Modes	100.0%	100.0%	100.0%	100.0%	100.0%

7.3.3. Overall the results are in line with expectations for the area with the highest proportion of trips undertaken on a motorised mode followed by rail and HGVs, though the proportion of HGV trips may be expected to be slightly higher.

7.3.4. To undertake a like for like comparison with the secondary data sources, such as NTS and NTEM, an MND mode split between motorised and rail modes have been calculated (thus excluding HGVs). The results are shown in Table 11.

Table 11 MND Matrix Statistics – Mode Splits versus NTS and NTEM (6.2)

MND

Mode / Time Period	AM 07:00-10:00	IP 10:00-16:00	PM 16:00-19:00	OP 19:00-07:00	Daily
Motorised	93.9%	96.7%	95.1%	92.6%	95.0%
Rail	6.1%	3.3%	4.9%	7.4%	5.0%
All Modes	100.0%	100.0%	100.0%	100.0%	100.0%

NTS, 2013

Mode / Time Period	AM 07:00-10:00	IP 10:00-16:00	PM 16:00-19:00	OP 19:00-07:00	Daily
Motorised	96.4%	98.5%	96.8%	96.0%	97.4%
Rail	3.6%	1.5%	3.2%	4.0%	2.6%
All Modes	100.0%	100.0%	100.0%	100.0%	100.0%

NTEM, 2015

Mode / Time Period	AM 07:00-10:00	IP 10:00-16:00	PM 16:00-19:00	OP 19:00-07:00	Daily
Motorised	95.6%	97.6%	96.5%	98.3%	97.0%
Rail	4.4%	2.4%	3.5%	1.7%	3.0%
All Modes	100.0%	100.0%	100.0%	100.0%	100.0%

7.3.5. Table 11 highlights the balance of trips allocated to different modes, with a much higher proportion of trips allocated to 'rail', indicating that the volume of rail trips may be overestimated within the MND.

7.4 PURPOSE SPLIT

7.4.1. The data was categorised by Telefonica into the following user classes:

- Home Based Work (HBW) Outbound;
- Home Based Work Inbound;
- Home Based Other (HBO) Outbound;
- Home Based Other Inbound; and
- Non Home Based (NHB).

7.4.2. Such purpose segmentation has allowed analysis by three main purpose types (HBW, HBO and NHB) and by trip directionality (from home and to home), which is presented in Table 12 to Table 14 below.

Table 12 MND Matrix Statistics – Purpose Splits versus NTS and NTEM (6.2)

MND

Mode / Time Period	AM 07:00-10:00	IP 10:00-16:00	PM 16:00-19:00	OP 19:00-07:00	Daily
HBW	39%	12%	31%	16%	23%
HBO	41%	56%	48%	62%	52%
NHB	19%	32%	21%	22%	25%
All Modes	100%	100%	100%	100%	100%

NTS, 2013

Mode / Time Period	AM 07:00-10:00	IP 10:00-16:00	PM 16:00-19:00	OP 19:00-07:00	Daily
HBW	50%	16%	31%	31%	28%
HBO	40%	66%	55%	62%	58%
NHB	10%	18%	13%	7%	14%
All Modes	100%	100%	100%	100%	100%

NTEM, 2015

Mode / Time Period	AM 07:00-10:00	IP 10:00-16:00	PM 16:00-19:00	OP 19:00-07:00	Daily
HBW	73%	16%	41%	21%	37%
HBO	20%	66%	50%	74%	52%
NHB	6%	19%	9%	4%	11%
All Modes	100%	100%	100%	100%	100%

7.4.3. Table 12 shows that overall the MND purpose split ties in with the data extracted from NTS and NTEM with higher proportions of HBW trips (commuting and education) in the morning and evening and a greater proportion of HBO trips (shopping, visiting friends, etc.) undertaken between 10:00 and 16:00. The proportion of morning trips identified as HBW within MND is expected to be higher (39% against 50% in NTS and against 73% and NTEM).

7.4.4. This could be due to limitations of MND:

- Short distance trips are likely to be under-represented in the MND, which is due to mobile network cell resolution;
- LGV trips are included in the MND but excluded from NTS and NTEM and have a higher proportion of NHB trips; and
- HBW trips, which include commuting and education trips, tend to be shorter than HBO trips and are therefore more likely to be missing in the MND.

7.4.5. This MND limitation will be addressed during the prior matrix development stage through synthesising and infilling the MND matrices with short distance trips.

7.4.6. Analysis of trip directionality is presented in Table 13 for all home-based trips and in Table 14 for HBW trips.

Table 13 MND Matrix Statistics – Directionality of All Home Based Trips

Mode / Time Period	AM 07:00-10:00	IP 10:00-16:00	PM 16:00-19:00	OP 19:00-07:00	Daily
From Home	94%	51%	17%	42%	50%
To Home	6%	49%	83%	58%	50%
All Modes	100%	100%	100%	100%	100%

Table 14 MND Matrix Statistics – Directionality of Home Based Work trips

Mode / Time Period	AM 07:00-10:00	IP 10:00-16:00	PM 16:00-19:00	OP 19:00-07:00	Daily
From Home	100%	48%	1%	53%	51%
To Home	0%	52%	99%	47%	49%
All Modes	100%	100%	100%	100%	100%

7.4.7. Table 13 and 14 show the pattern of movements from and to home is logical with the majority of trips in the morning being from home and to home in the evening. The split between from and to home trips during the Inter-Peak is almost equal.

7.4.8. The proportion of HBW trips to home in the morning and from home in the evening is expected to be higher than reported: 0.2% and 0.8% correspondingly. According to NTS 4.27% of HBW trips should be home-bound in the AM peak period and in the PM peak outbound home trips should be 6.59%. Lower than expected proportions within MND may be related to the treatment of night shift workers, who will not have a work 'Point of Interest' and are therefore allocated to the NHB purpose.

7.5 TEMPORAL SPLIT

7.5.1. For the MND, the data was available for a 24 hour period, split into the following time periods by Telefonica:

- Early Off-Peak (00:00 to 07:00)
- AM Peak Period (07:00 to 10:00)
- AM Peak Hour (08:00 to 09:00)
- Inter-Peak Period (10:00 to 16:00)
- PM Peak Period (16:00 to 19:00)
- PM Peak Hour (17:00 to 18:00)
- Late Off-Peak (19:00 to 00:00)

7.5.2. Table 15 below presents the proportion of AM and PM hourly demand against respective demand identified over the whole 3-hour AM and PM periods.

Table 15 MND Matrix Statistics – Temporal Profiles

Time Period	Demand
AM Peak Period	1,460,566
AM Peak Hour	568,860
Proportion of Hourly Demand	39%
PM Peak Period	1,737,674
PM Peak Hour	648,352
Proportion of Hourly Demand	37%

7.5.3. Within MND the proportion of trips undertaken in the AM and PM peak hours is on average 39% and 37% correspondingly. The results are in line with the analysis undertaken using ATC data, which shows that peak hour demand constitutes around 38-39% of the peak period flow.

7.5.4. To ensure a consistent comparison with the NTS and NTEM data, the verification of the MND in section 7 has been undertaken for AM, Inter-Peak, PM, and Off-Peak (early off-peak plus late off-peak) time periods thus covering the whole 24 hours. However, the hourly data has formed the basis for the prior matrix development and has been taken through the same process as the 24 hour MND data. The results of that verification process have been found nearly identical to the results of the verification presented within this section for the individual time periods. To avoid duplication, the hourly verification results are not included within this report.

7.6 TRIP SYMMETRY

7.6.1. In order to confirm the balance of inbound versus outbound trips across the day a review of trip symmetry has been carried out for Suffolk; Table 16 contains a summary of the analysis that been carried out using the total inbound and outbound trips for both all purposes and home-based purposes.

Table 16 MND Trip Symmetry Data – Suffolk only, Daily

Matrix Issue	Travel Mode	Data Source	Spatial Level	Time Period	R-squared	Slope	Intercept
					Origin vs Destination	Origin vs Destination	Origin vs Destination
Trip Symmetry	Road + Rail	MND All Purposes	District	Daily	1.000	0.9981	421.1524
			MSOA	Daily	0.999	0.9840	252.8946
			Sector	Daily	1.000	0.9989	75.9438
		MND Home Based Purposes	District	Daily	1.000	1.0038	-432.5938
			MSOA	Daily	0.999	0.9913	120.7931
			Sector	Daily	1.000	1.0039	-134.4021

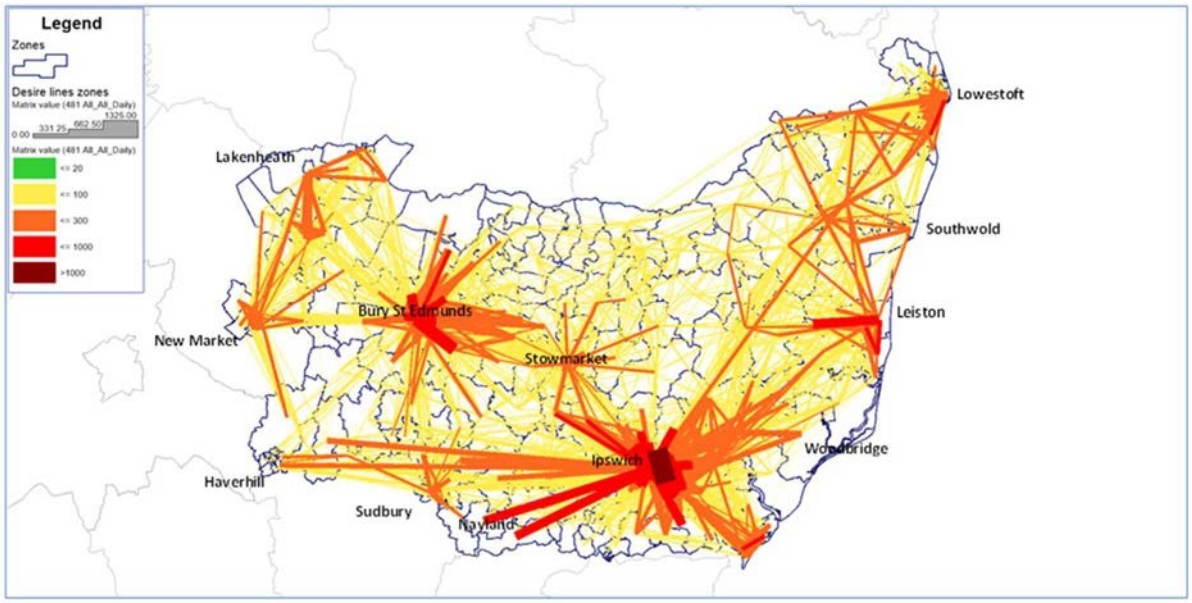
7.6.2. Table 16 shows a strong correlation between origin and destination totals and provides confidence in the trip symmetry.

8 VISUALISATION OF TRIP MOVEMENTS

8.1.1. In addition to numerical outputs, a series of figures have been prepared showing trip desire lines and zonal totals across the area. Visual checks of such outputs allowed confirmation of the robustness of the data against local knowledge and identification of any potential outliers.

8.1.2. Figure 11 presents daily trip movements across all purposes and modes within the Internal area. As expected the greatest volume of trips is observed within urban areas such as Ipswich, Bury St Edmunds, Leiston, Lowestoft and others.

Figure 11 MND – Daily Trip Movements across All Purposes and Modes

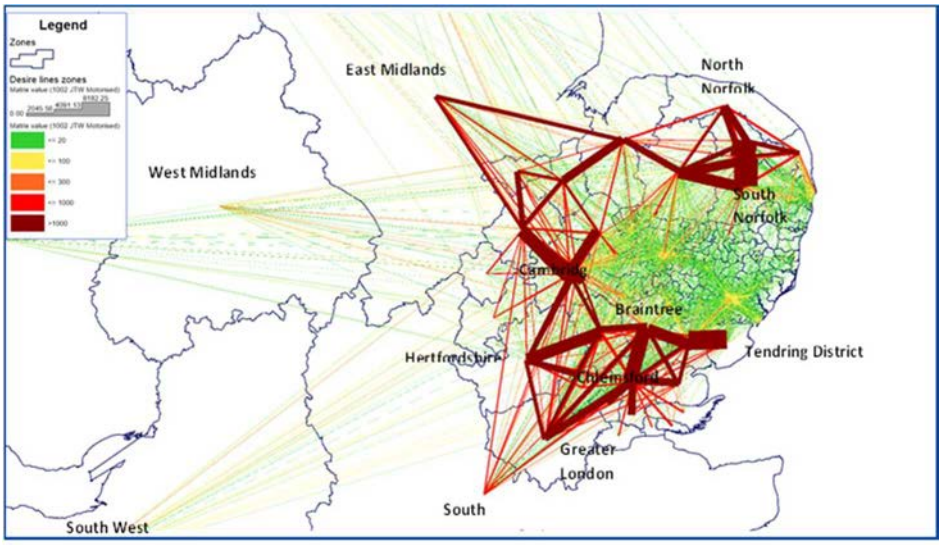


8.1.3. Individual modal matrices (motorised and rail) have also been visualised for the HBW outbound purpose and compared against the 2011 Census OD data. The 2011 Census ODs represent commuting flows of individuals from their area of residence to their place of work. WSP is accredited as an Approved Researcher and is able to access to the most detailed origin-destination data tables, also known as 'secure' data. These data tables use the lowest level of geography (Output Area to Work Place Zone) and provide a greater insight into travellers' behaviour.

8.1.4. As shown in Figure 12 and Figure 13 the motorised mode patterns observed through the MND match the 2011 Census data very well both within the wider data collection area and within the Internal area. Some differences between the figures are due to variability of graphic parameters within VISUM and the automated process by which the figures are produced.

Figure 12 2011 Census versus MND – Daily Motorised Trip Movements (HBW Outbound) for the full MND area

2011 Census



MND

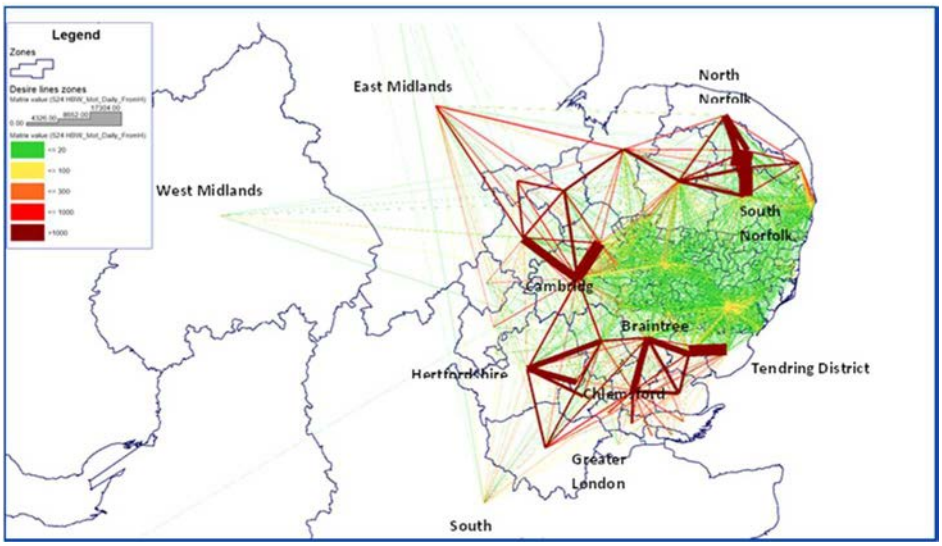
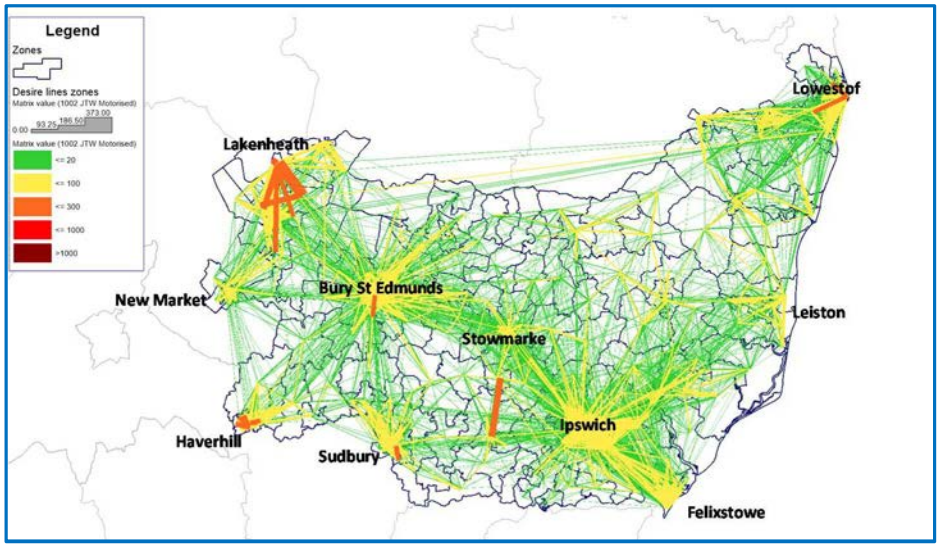
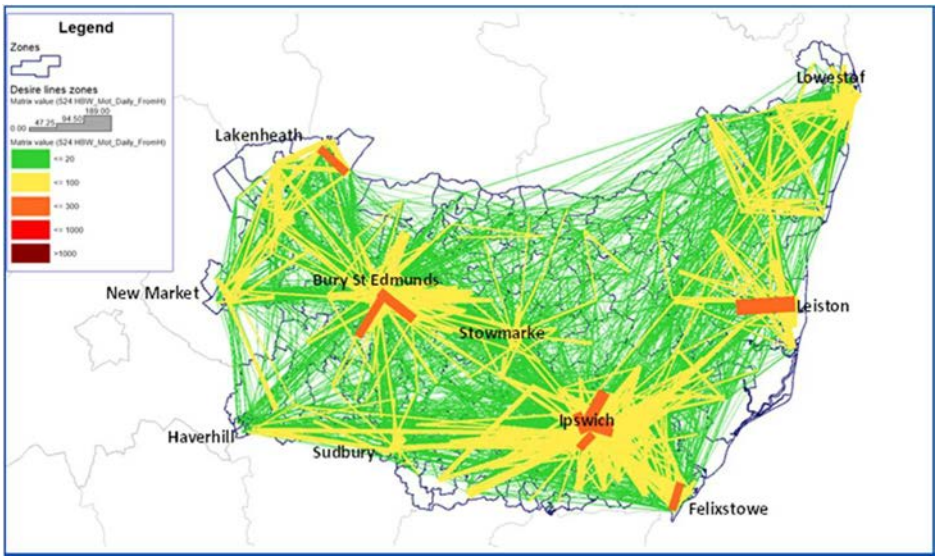


Figure 13 2011 Census versus MND – Daily Motorised Trip Movements (HBW Outbound) for Suffolk County only

2011 Census



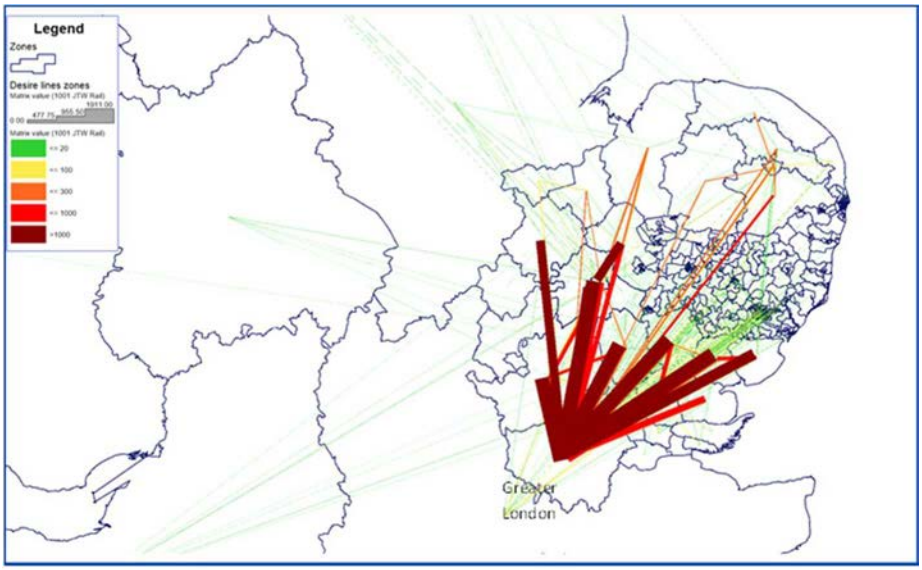
MND



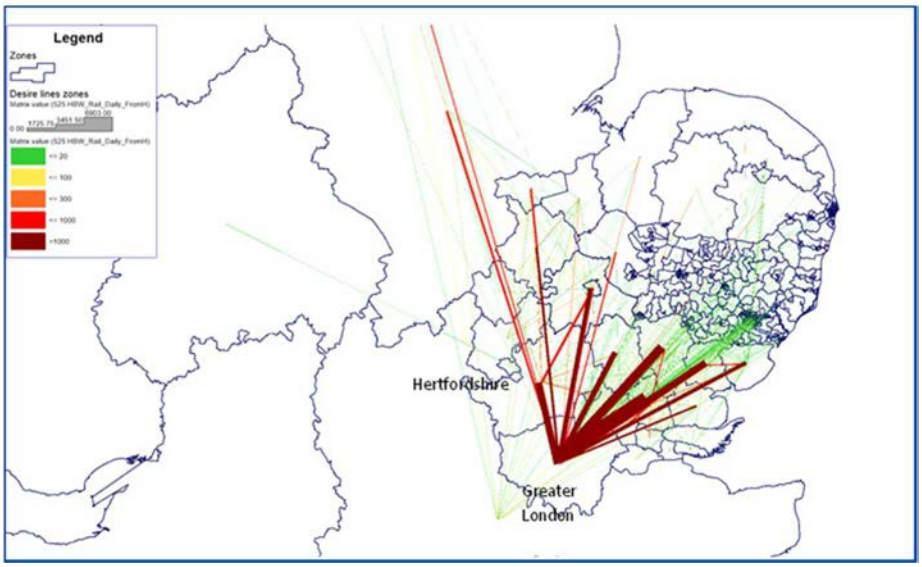
8.1.5. The comparison of rail trip movements across the data collection area is presented in Figure 14. North-south rail movements are captured well. Both datasets highlight that the key movement into, from and through the area is London-based.

Figure 14 2011 Census versus MND – Daily Rail Trip Movements (HBW Outbound) for the full MND area

2011 Census



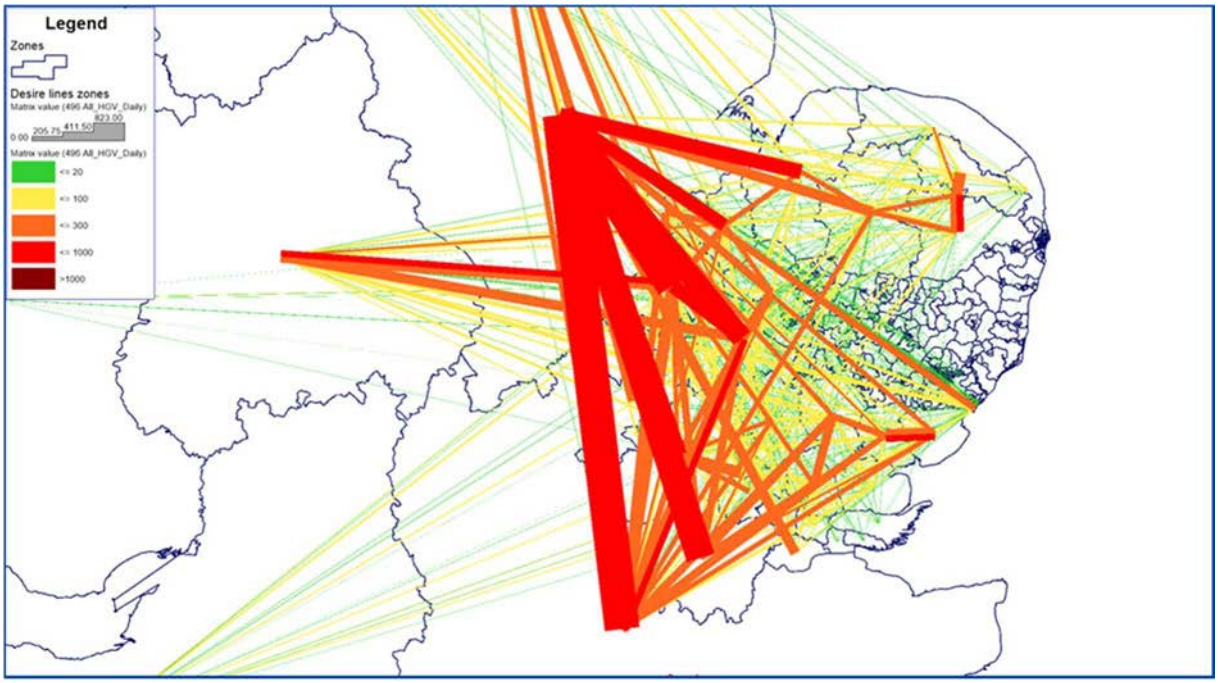
MND



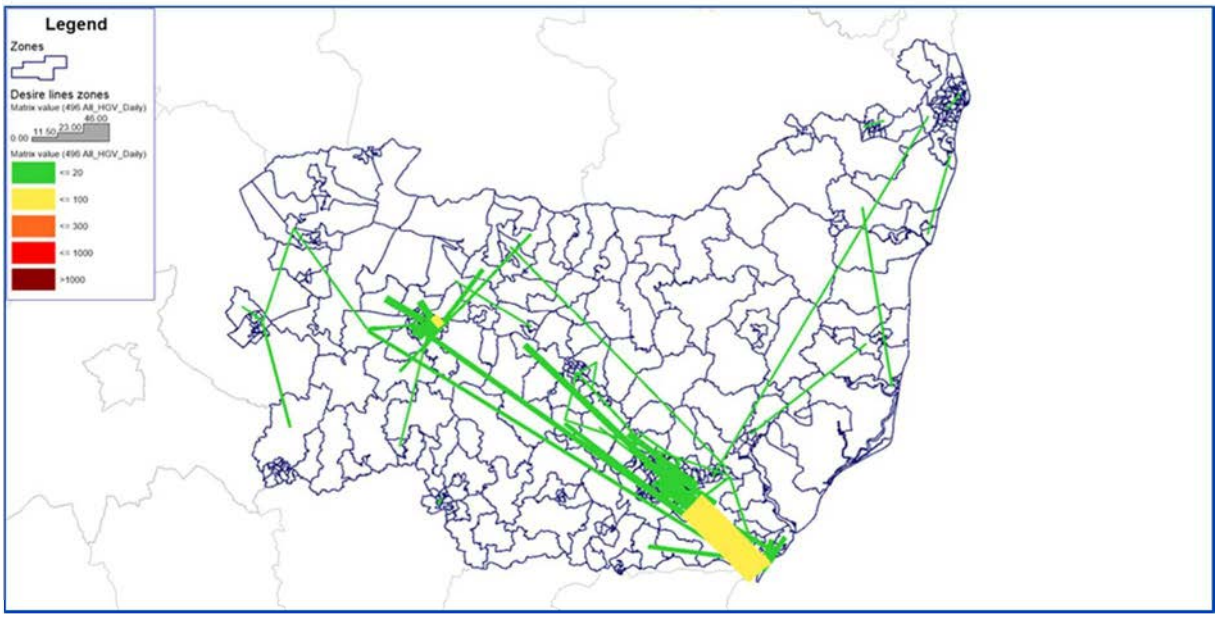
8.1.6. The HGV trip distribution is graphically presented in Figure 15 for the whole data collection area and for the Internal area only. It has been concluded through visual analysis of the results that the patterns of HGVs are generally according with expectations.

Figure 15 Daily HGV Movements

Data Collection Area



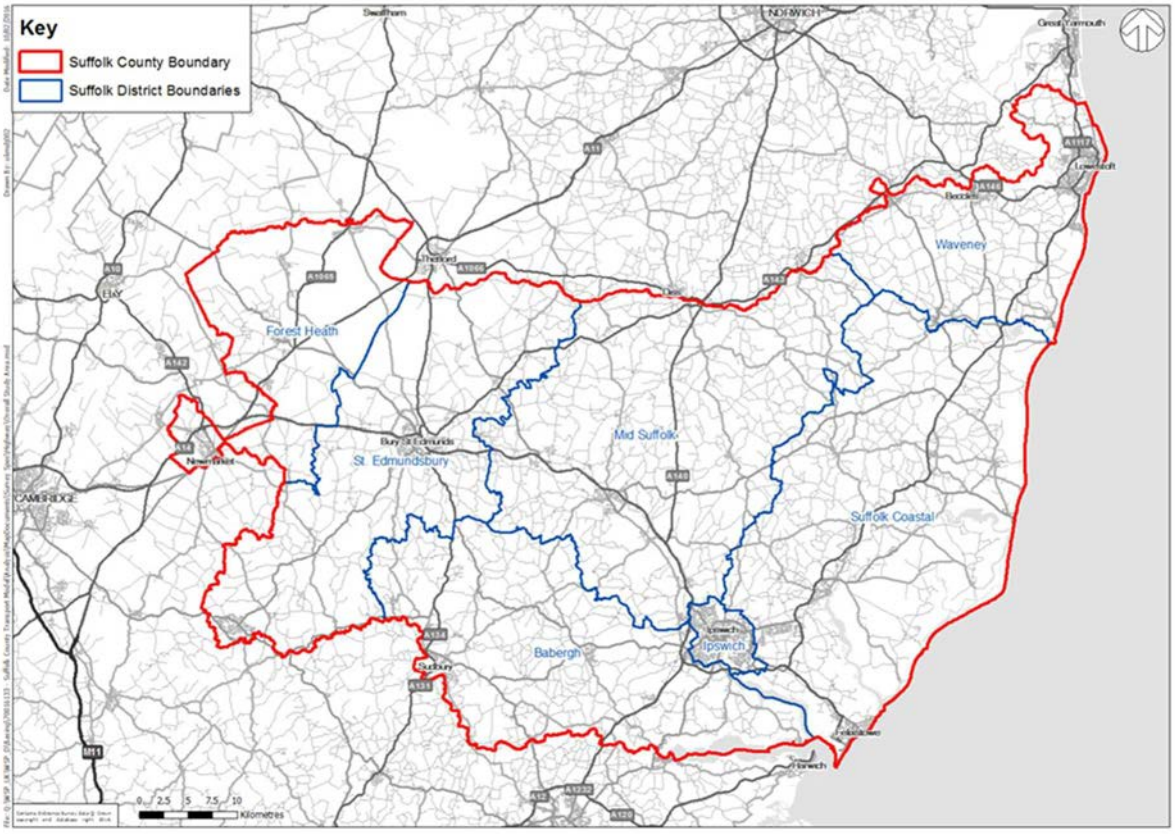
Internal Area



9 TRIP DISTRIBUTION

9.1.1. Daily motorised and rail matrices have been aggregated within the Internal area using district level areas (presented in Figure 16). For each district to district movement the proportion of trips undertaking this movement has been calculated. These proportions have then been aggregated across rows and columns to produce district trip end origin and destination distribution.

Figure 16 Suffolk Districts



9.1.2. The MND results for HBW outbound and all-purpose trips have been compared with the 2011 Census data and are presented in Figure 17 and Figure 18 for a motorised mode and in Figure 19 and Figure 20 for rail.

Figure 17 2011 Census versus MND – Motorised Trips, Comparison of Destinations

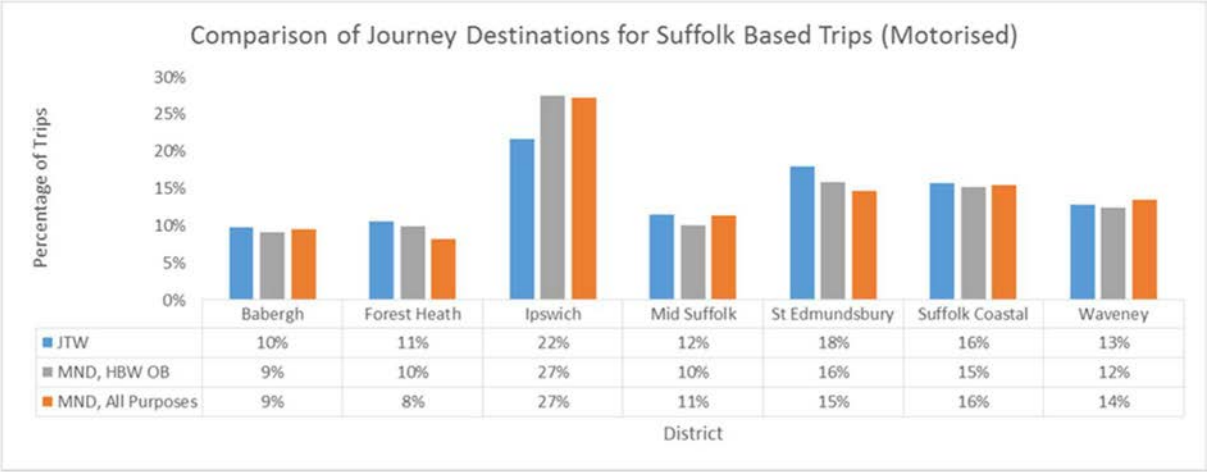
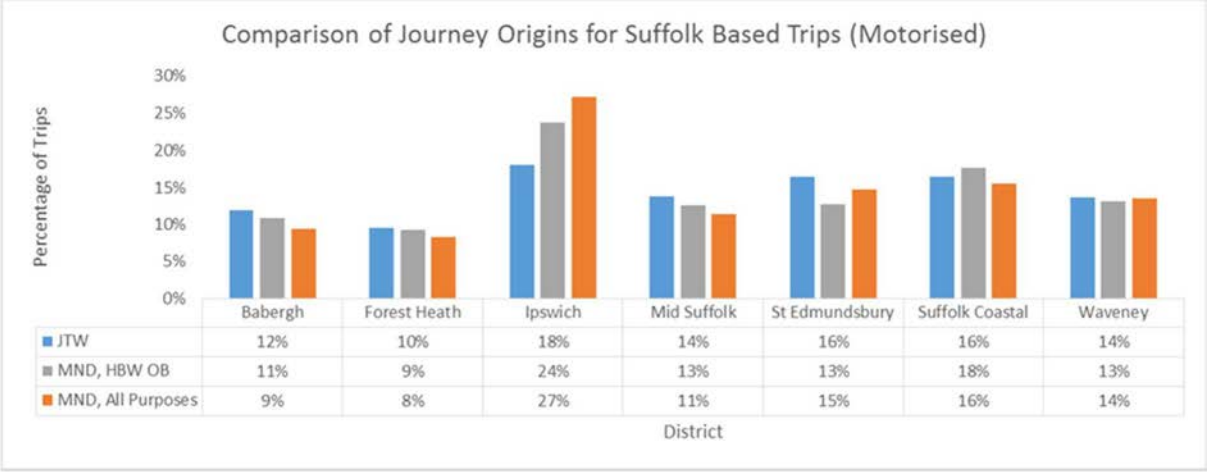


Figure 18 2011 Census versus MND – Motorised Trips, Comparison of Origins



9.1.3. For the motorised mode the correlation between the MND and Census is very close with all the districts showing a similar degree of attractiveness both for origins and destinations.

Figure 19 2011 Census versus MND – Rail Trips, Comparison of Destinations

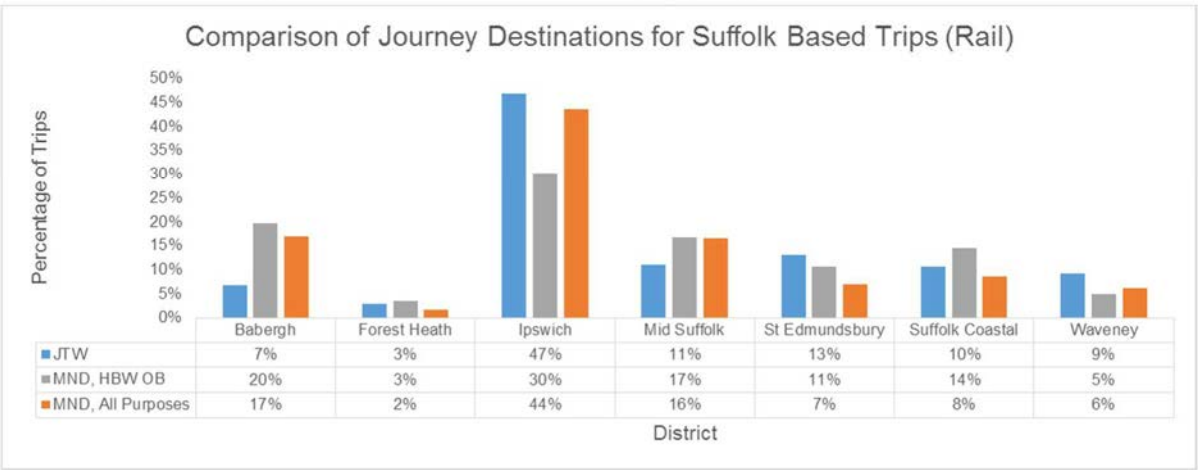
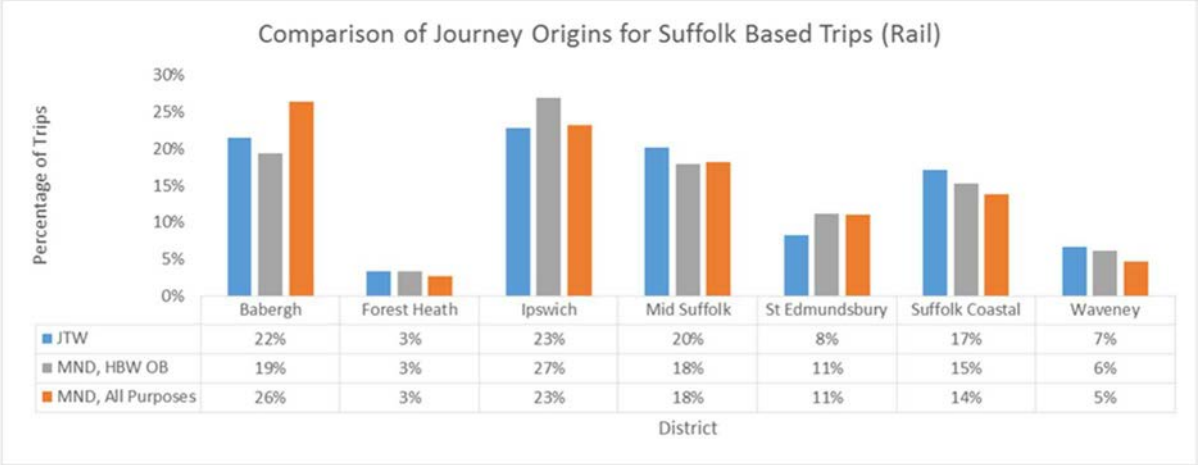


Figure 20 2011 Census versus MND – Rail Trips, Comparison of Origins

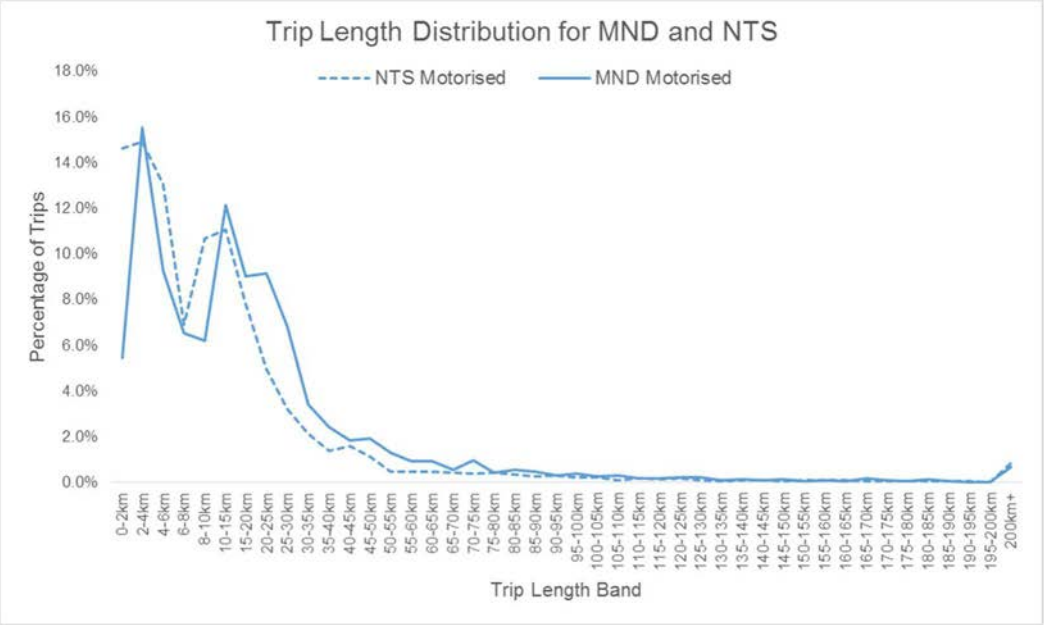


9.1.4. For the rail mode the correlation between the two data sources is good for origins but shows some significant differences in destinations in Babergh and Ipswich indicating that the MND analysis may have some issues with rail trips.

10 TRIP LENGTH DISTRIBUTION (MND VS NTS)

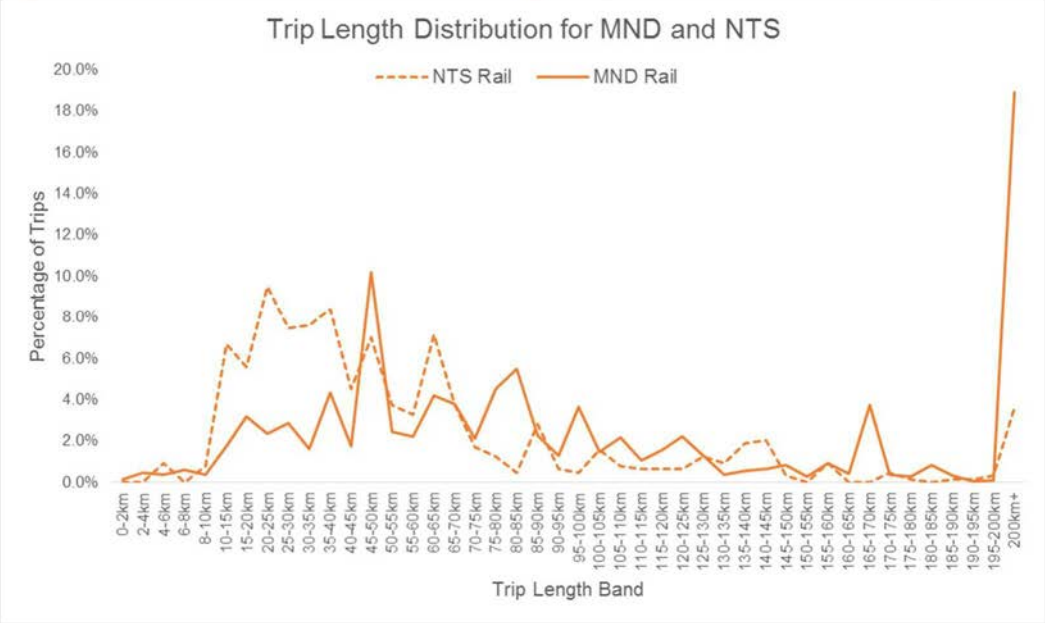
10.1.1. The MND Trip Length Distribution (TLD) has been compared with the TLD extracted from NTS. The comparison is shown in Figure 21 for motorised trips and Figure 22 for rail trips. The MND TLD is presented by a solid line whereas the NTS TLD is shown as a dashed line.

Figure 21 MND versus NTS – Motorised Trip Length Distribution for All Purposes



10.1.2. The TLD of the motorised trips is consistent between the two datasets with the exception of the noticeable differences in the range between 0 and 2 km with the MND clearly showing a lack of short distance trips. This is to be expected due to the data type and will not affect the model as this distance band is generate by the synthetic matrix.

Figure 22 MND versus NTS – Rail Trip Length Distribution for All Purposes



10.1.3. The MND rail TLD matches the one collected through NTS reasonably well despite some differences in the location of peaks.

11 CONCLUSIONS

11.1.1. This Report has described the results of the MND verification. The initial verification has been undertaken by Telefonica and the work undertaken by WSP aims to complement the analysis reported in the “Suffolk OD from Mobile Phone Data Project Report” v1.0, issued 25/11/2016.

11.1.2. The following conclusions can be drawn from the verification process:

- The motorised matrix (Car, LGV, Bus) looks reasonably robust in terms of purpose, mode and time split as well as overall trip distribution
- The motorised mode lacks short distance trips (less than 2km) and this will be addressed within the prior matrix development
- Rail trips may not be represented within the MND with a high degree of accuracy; potential issues have been highlighted with the distribution of rail trips and possibly the overall volume of trips although the purpose split, time split and TLD look representative of other datasets
- There is a low proportion of HBW trips to home in the morning and from home in the evening, which may be related to the treatment of night shift workers
- The proportion of MND hourly trips out of the total period trips is consistent with the values derived from the ATC data collection
- Distribution of HGV movements looks reasonable but the overall volume may be low

11.1.3. A comprehensive verification process has been undertaken both by Telefonica and WSP. The analysis confirms that despite a number of potential issues outlined above the MND generally accurately represents observed trip patterns from other data sources and can suitably be used as a basis for prior matrix development.

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WC2A 1AF

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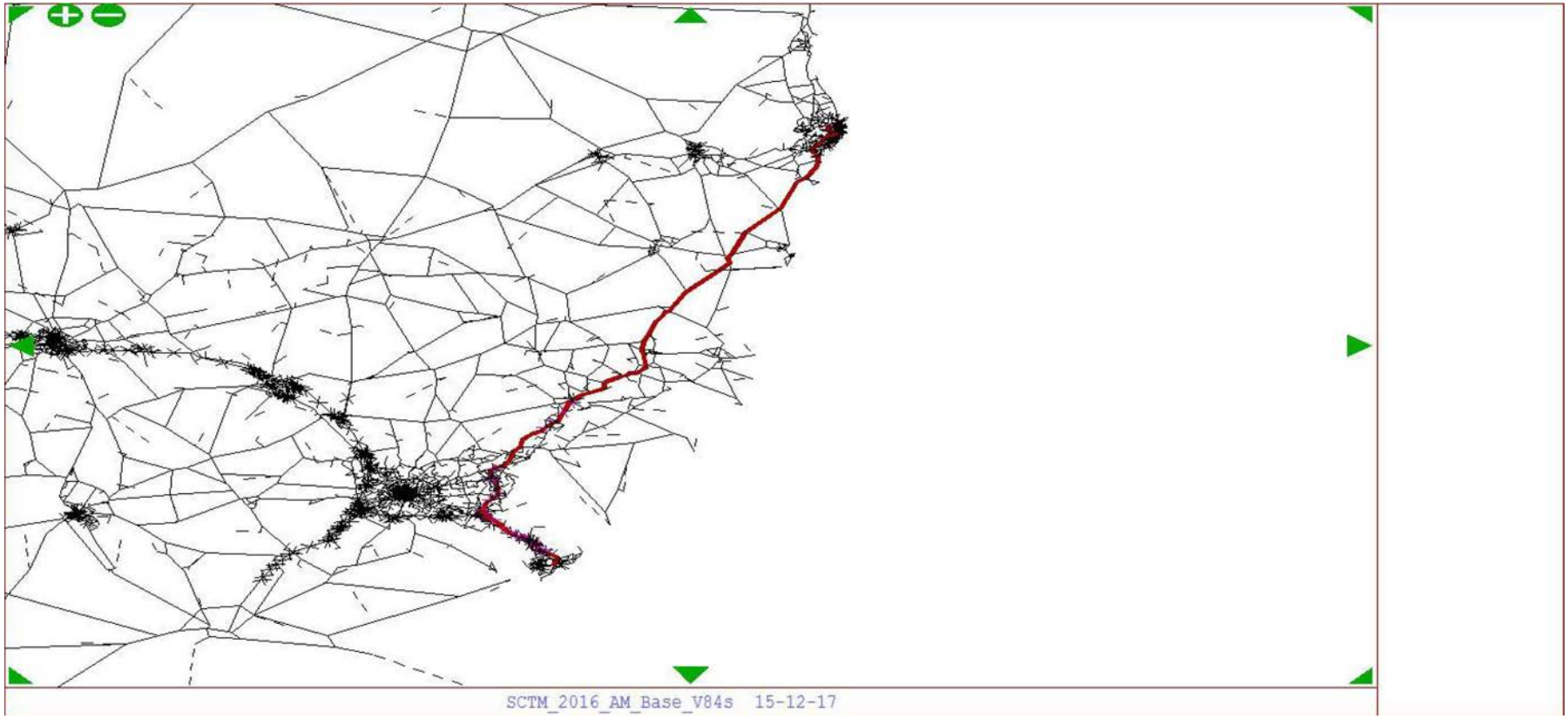
Appendix G

ROUTE CHOICE VALIDATION

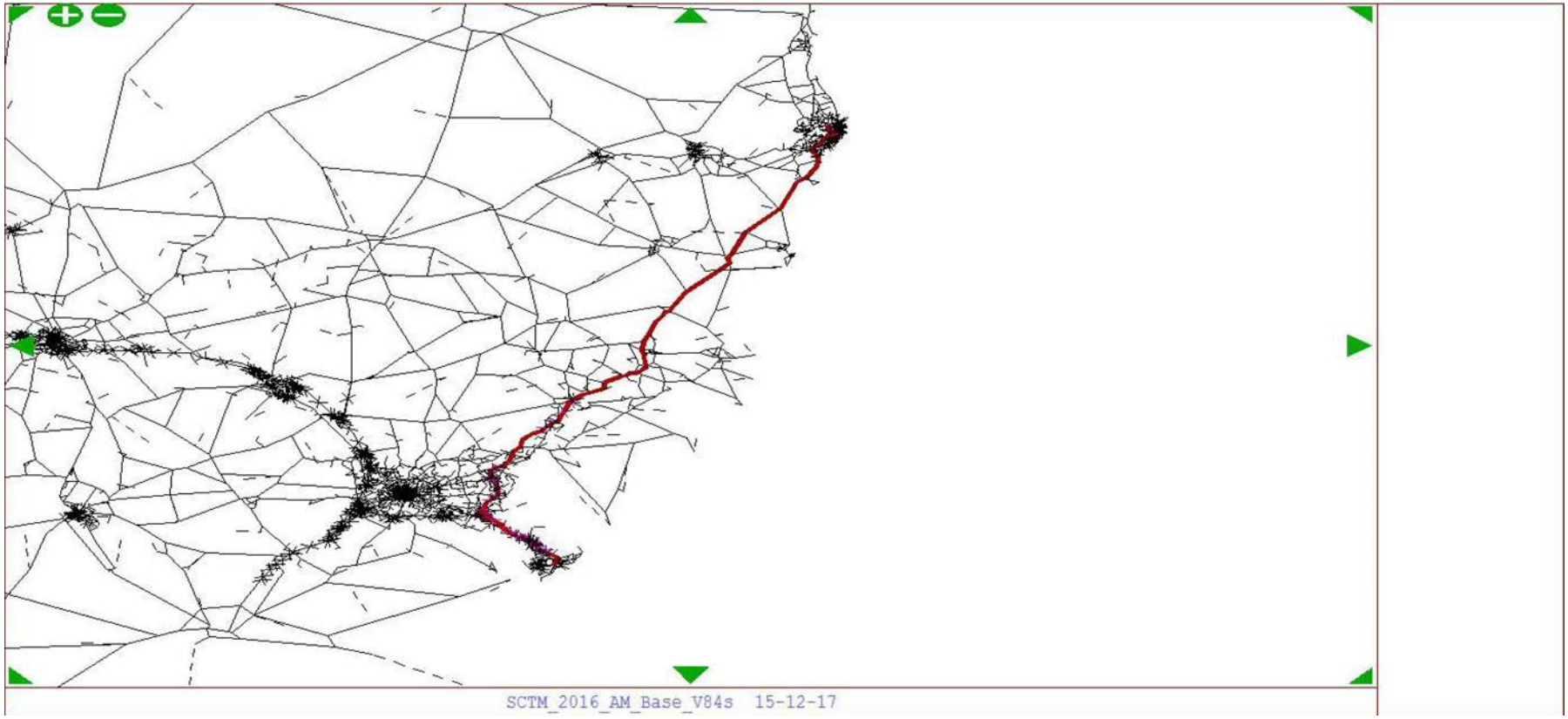
Appendix G.1

ROUTE CHOICE VALIDATION AM

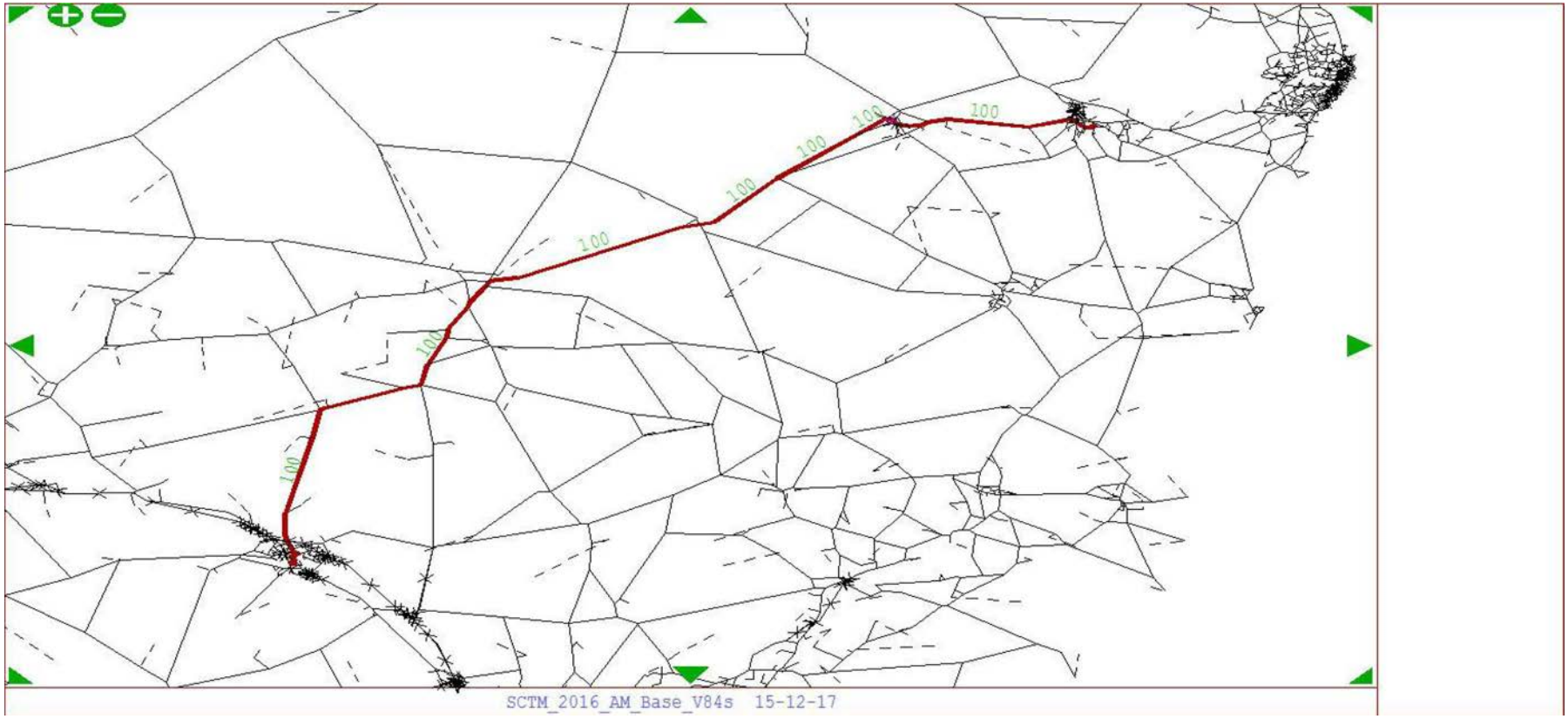
From Zone 391 To Zone 412 - User Class 2



From Zone 391 To Zone 412 - User Class 10



From Zone 238 To Zone 455 - User Class 2



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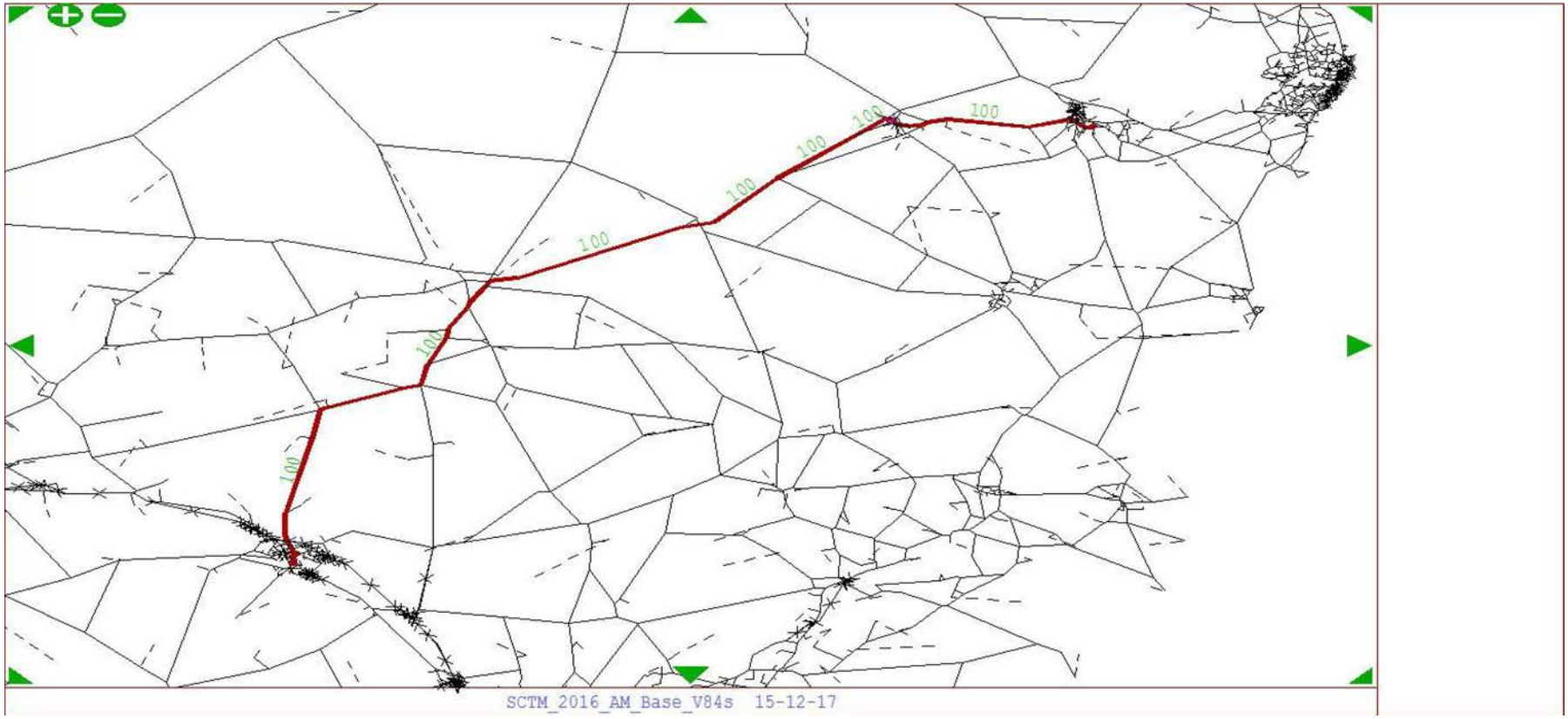
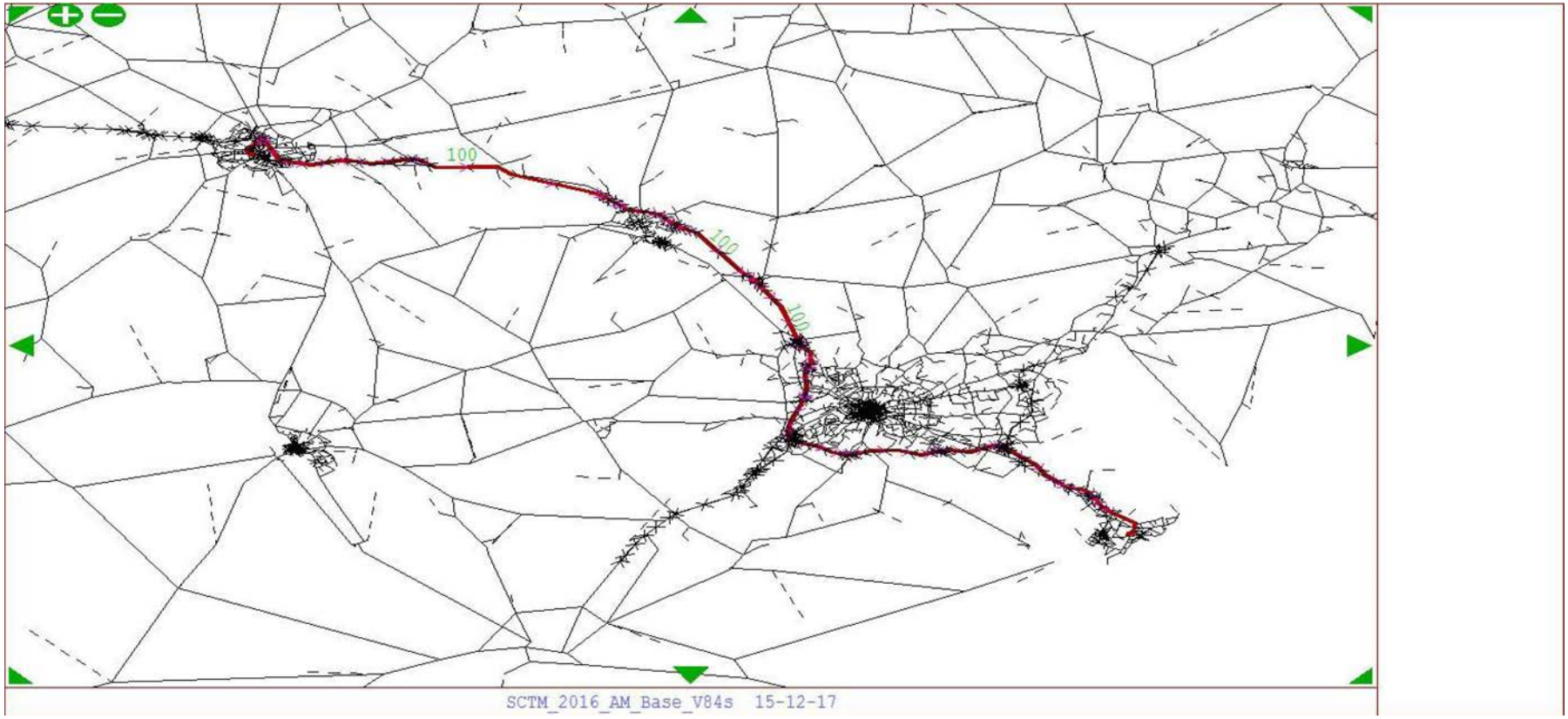


From Zone 287 To Zone 391 - User Class 2



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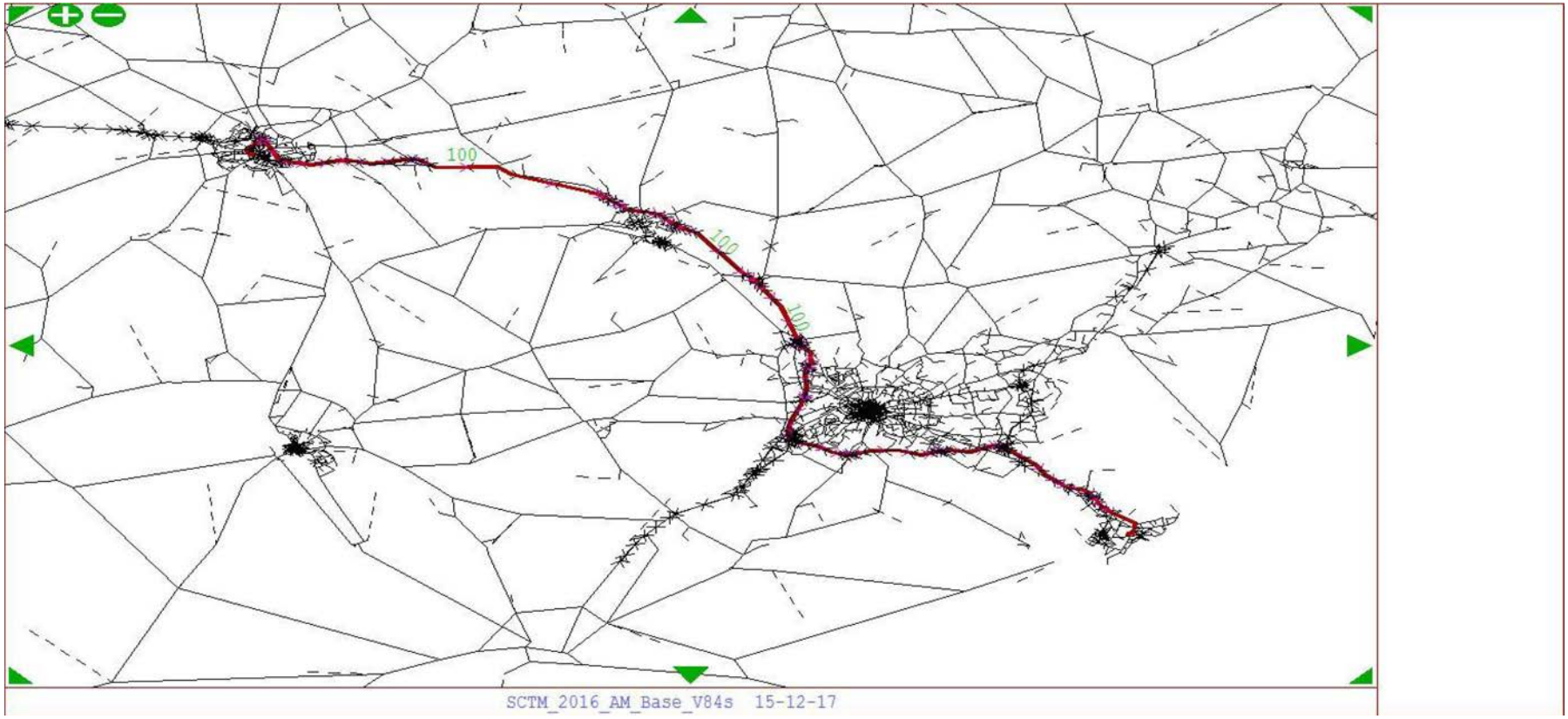

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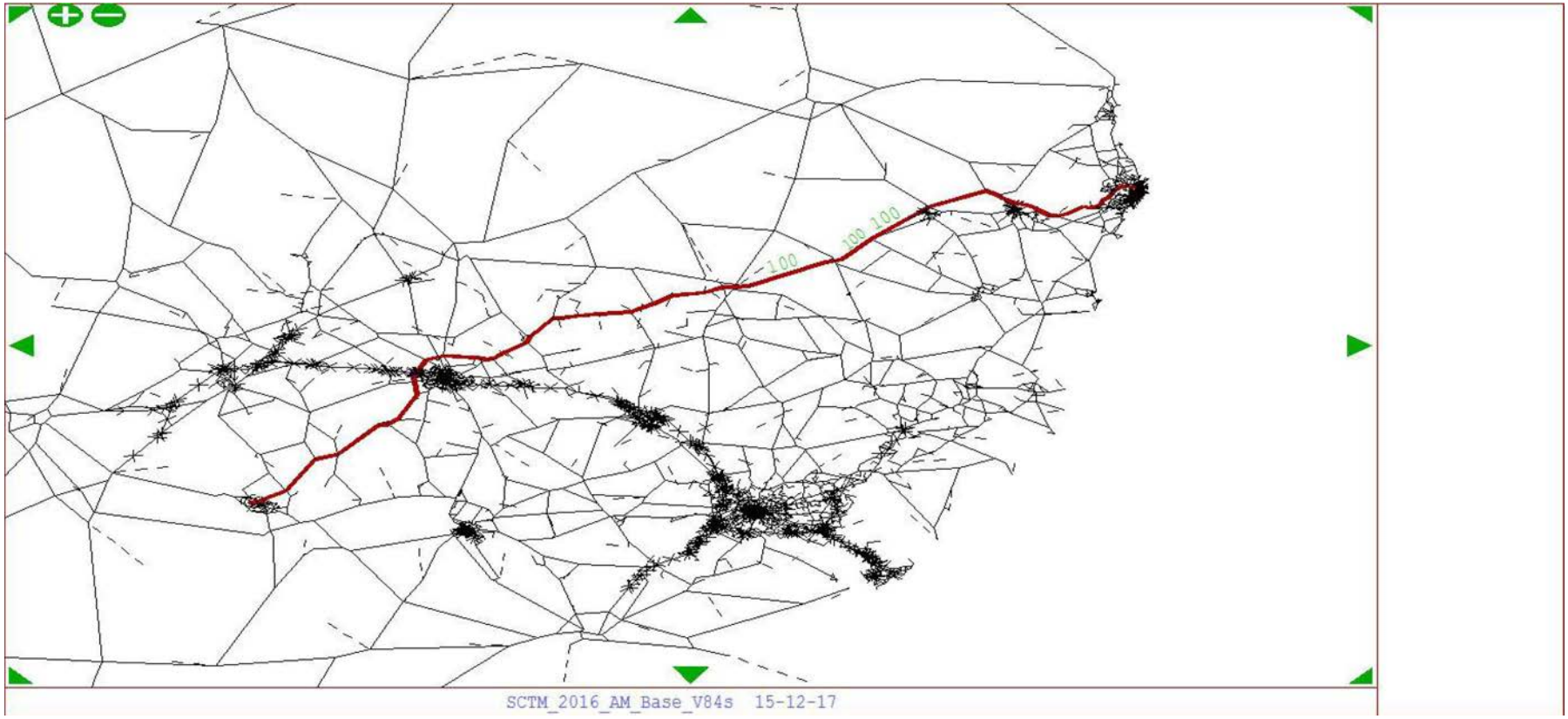

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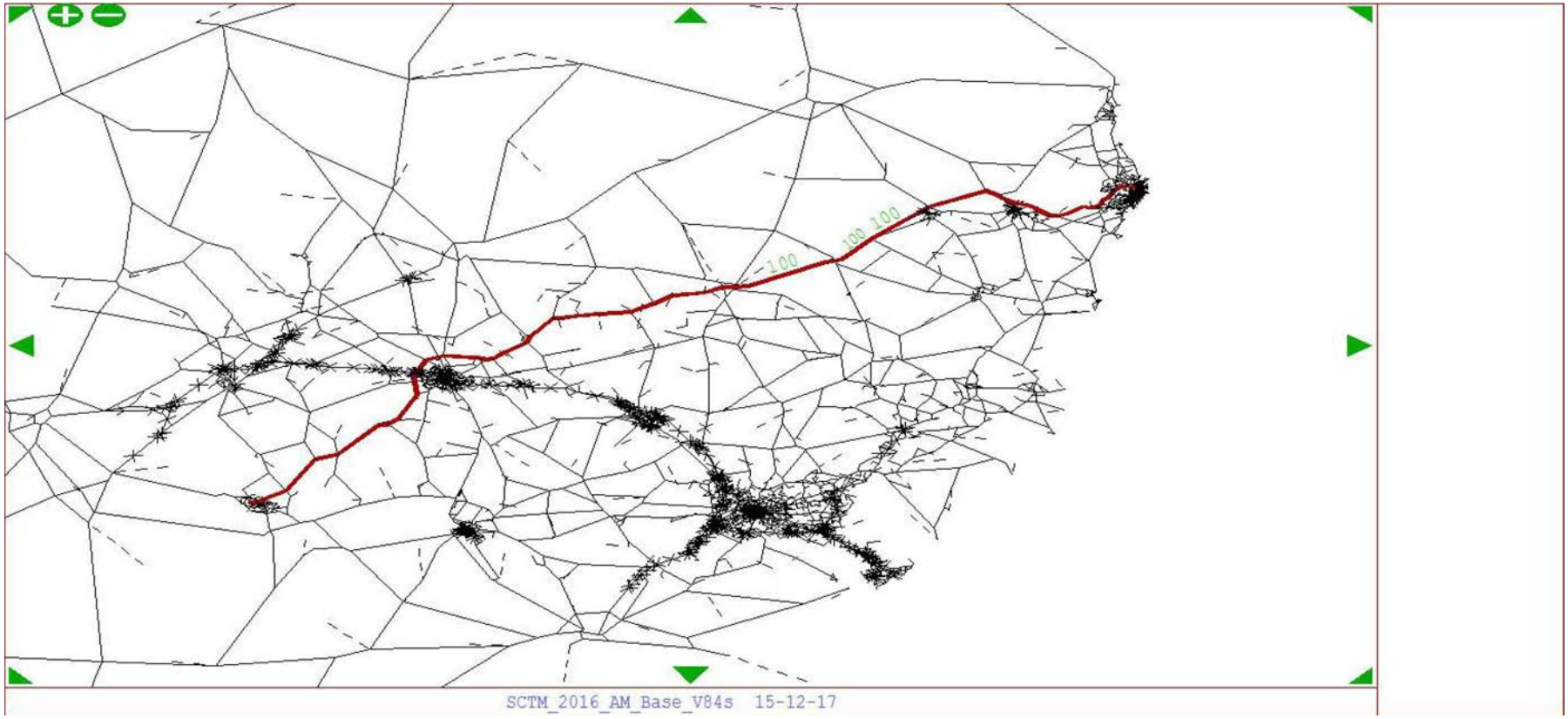
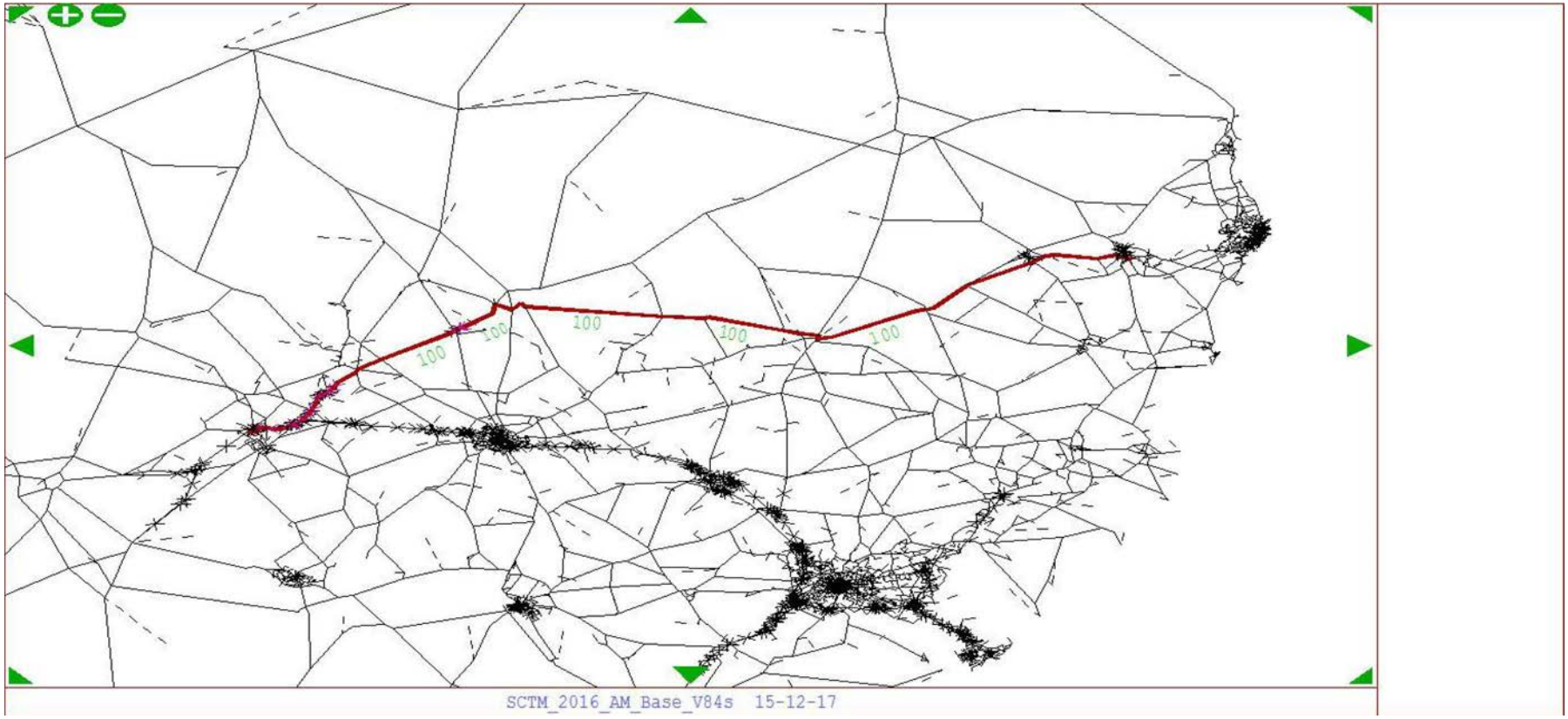


From Zone 455 To Zone 95 - User Class 2



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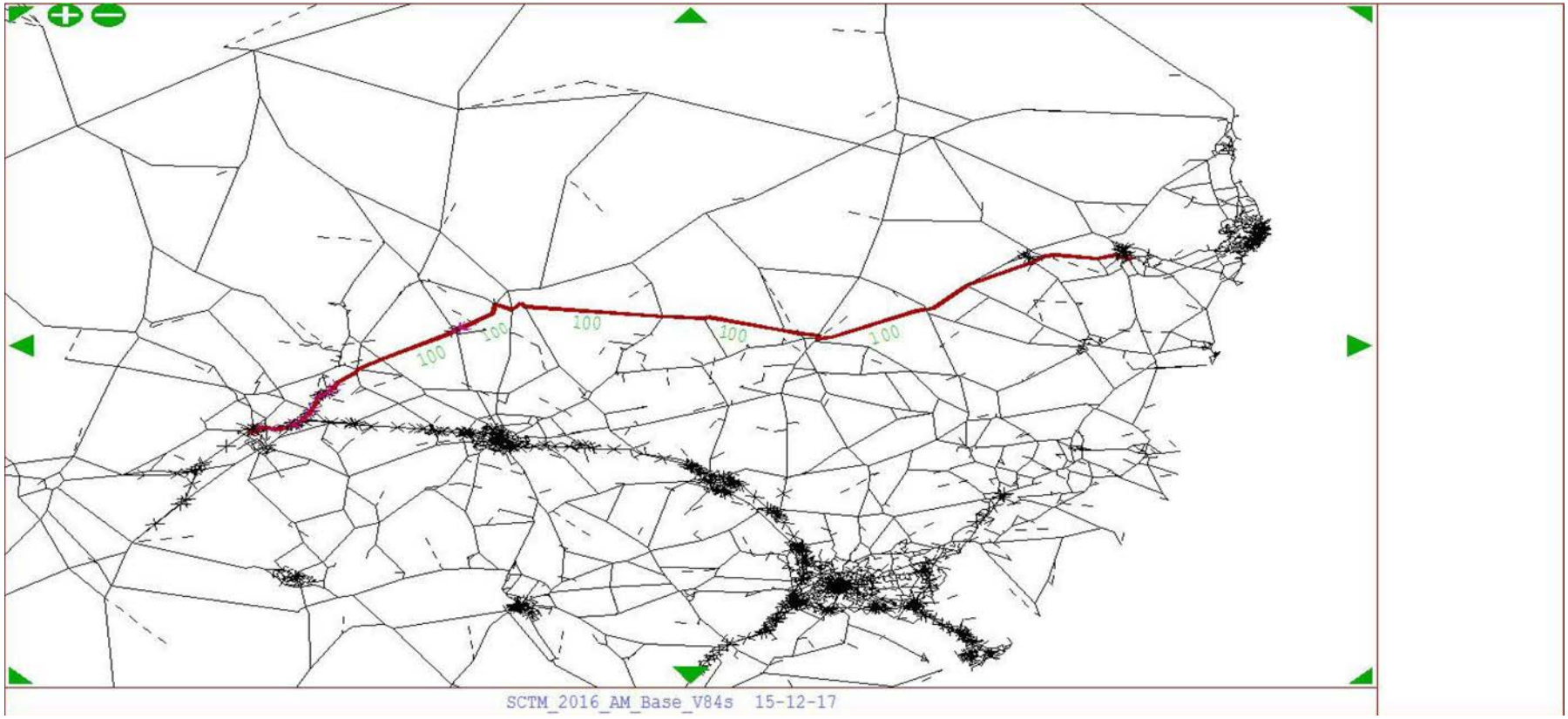
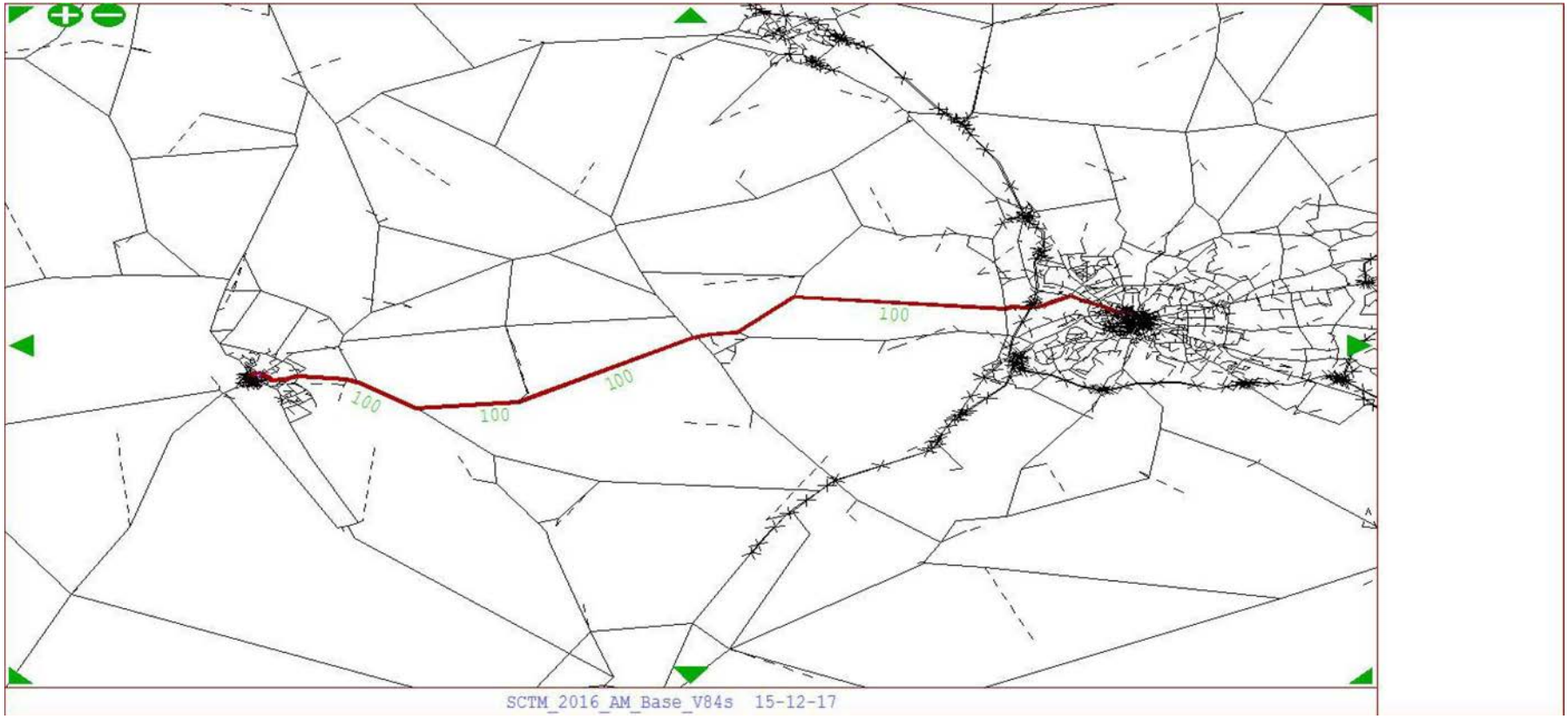


From Zone 146 To Zone 33 - User Class 2



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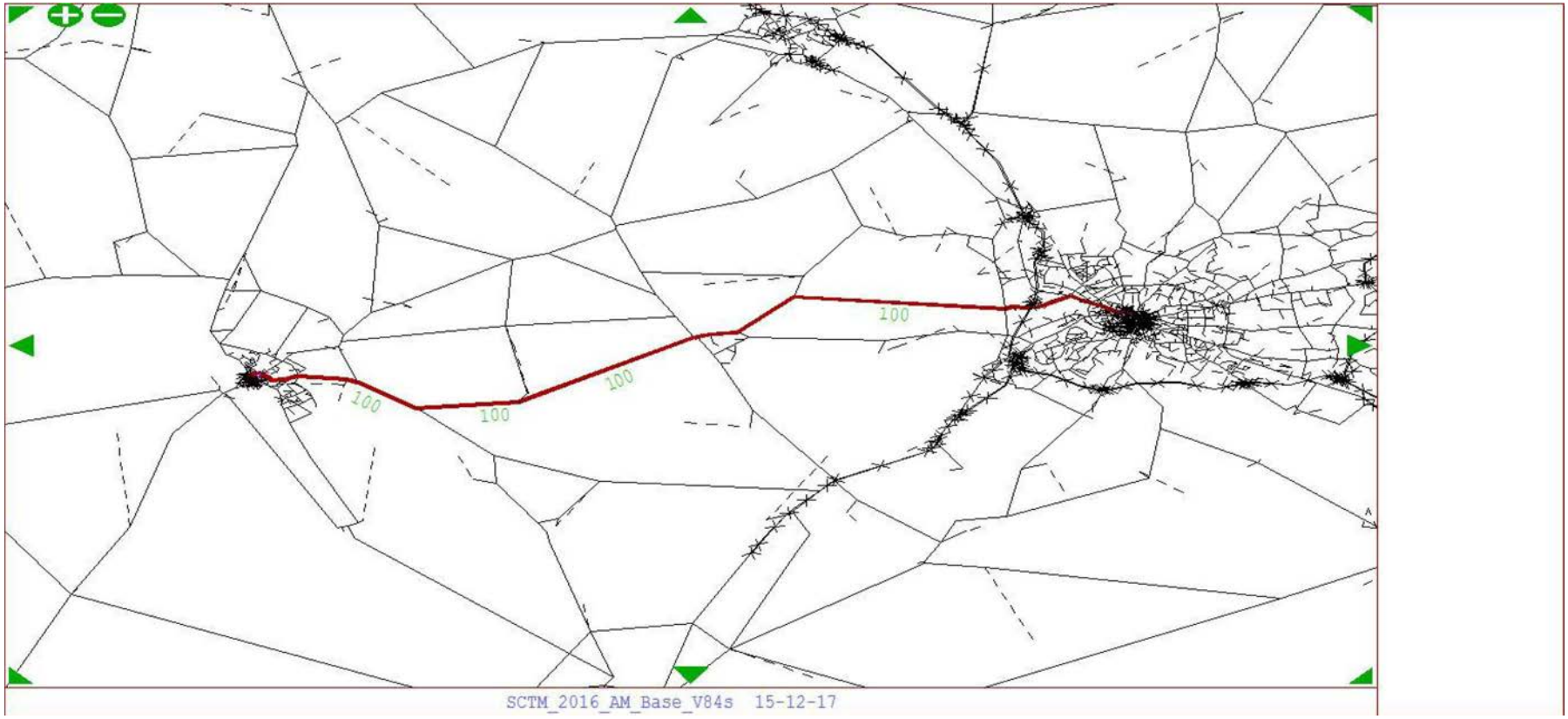

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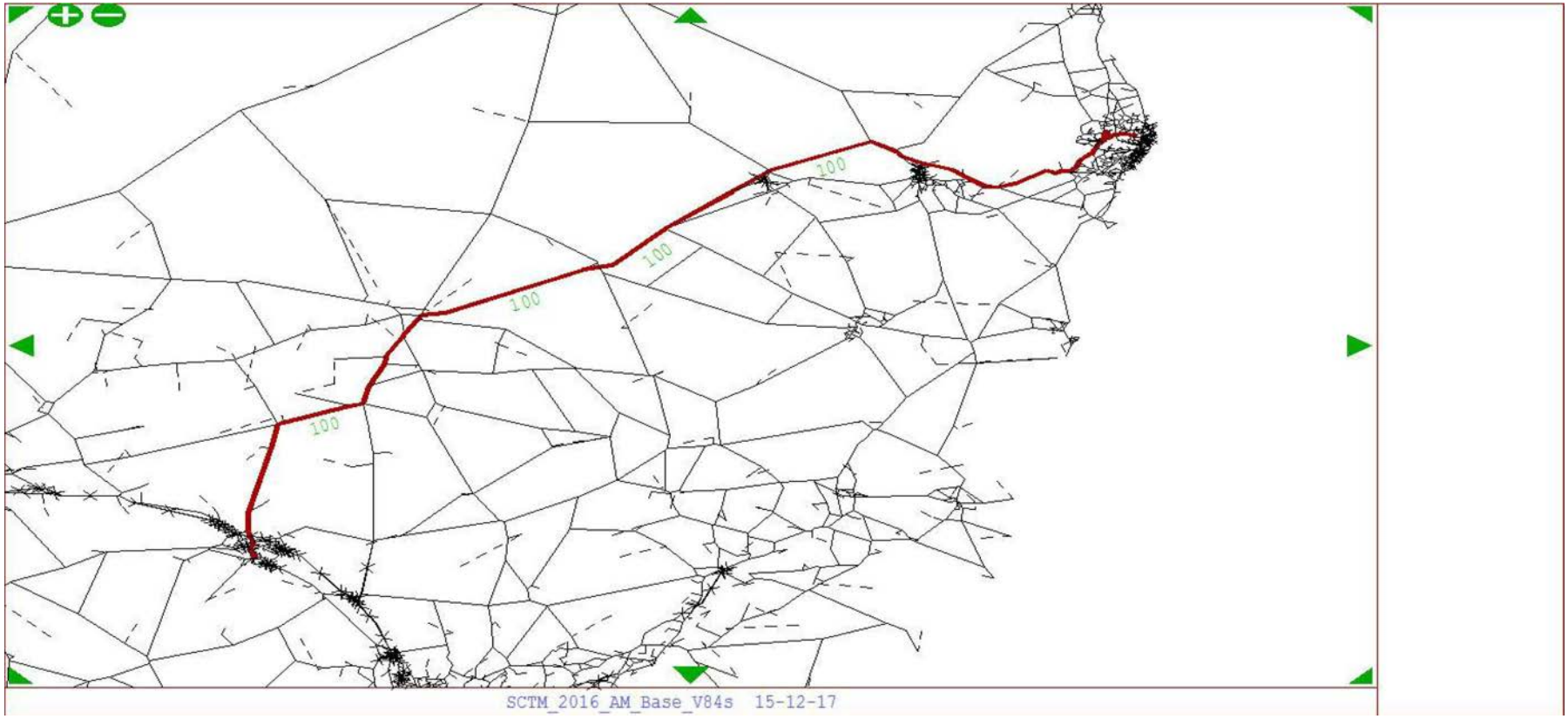

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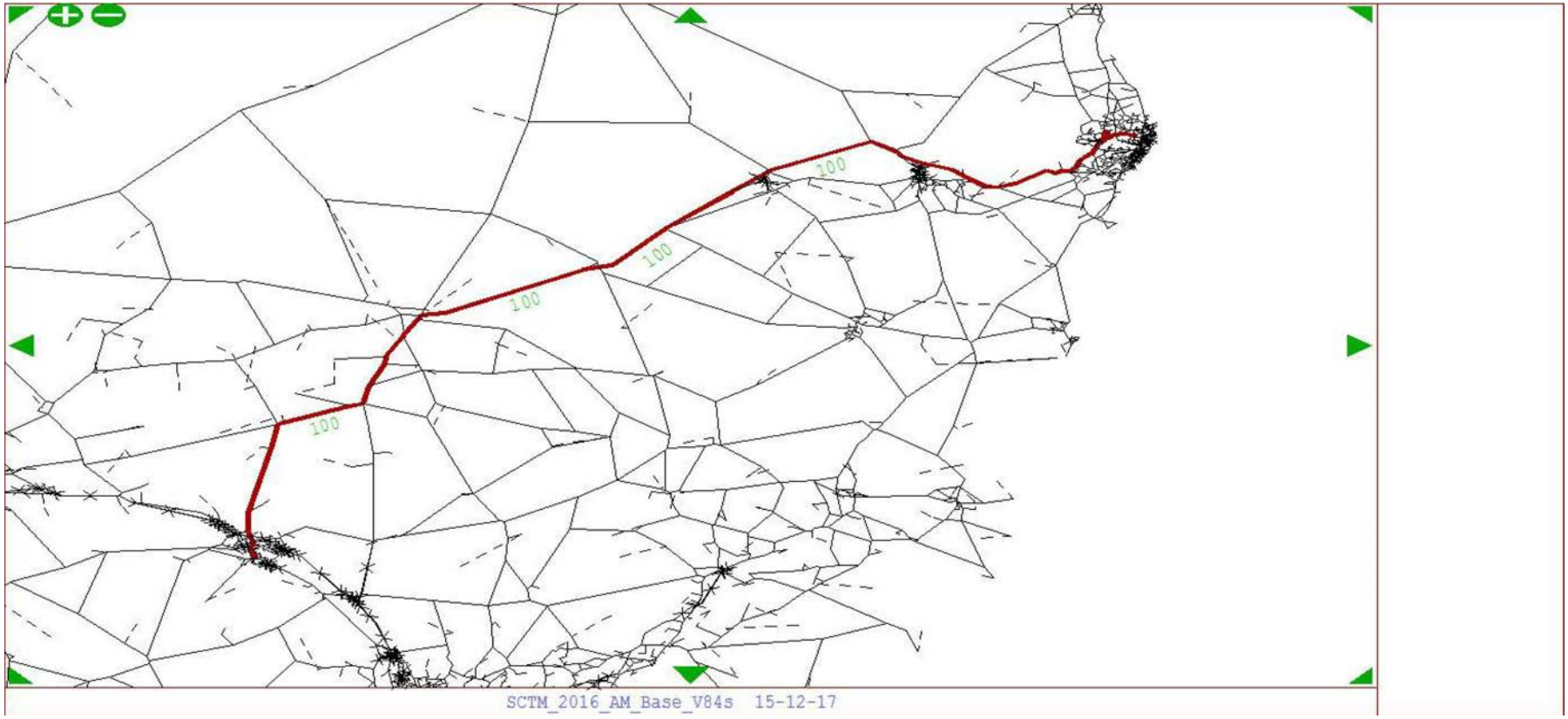

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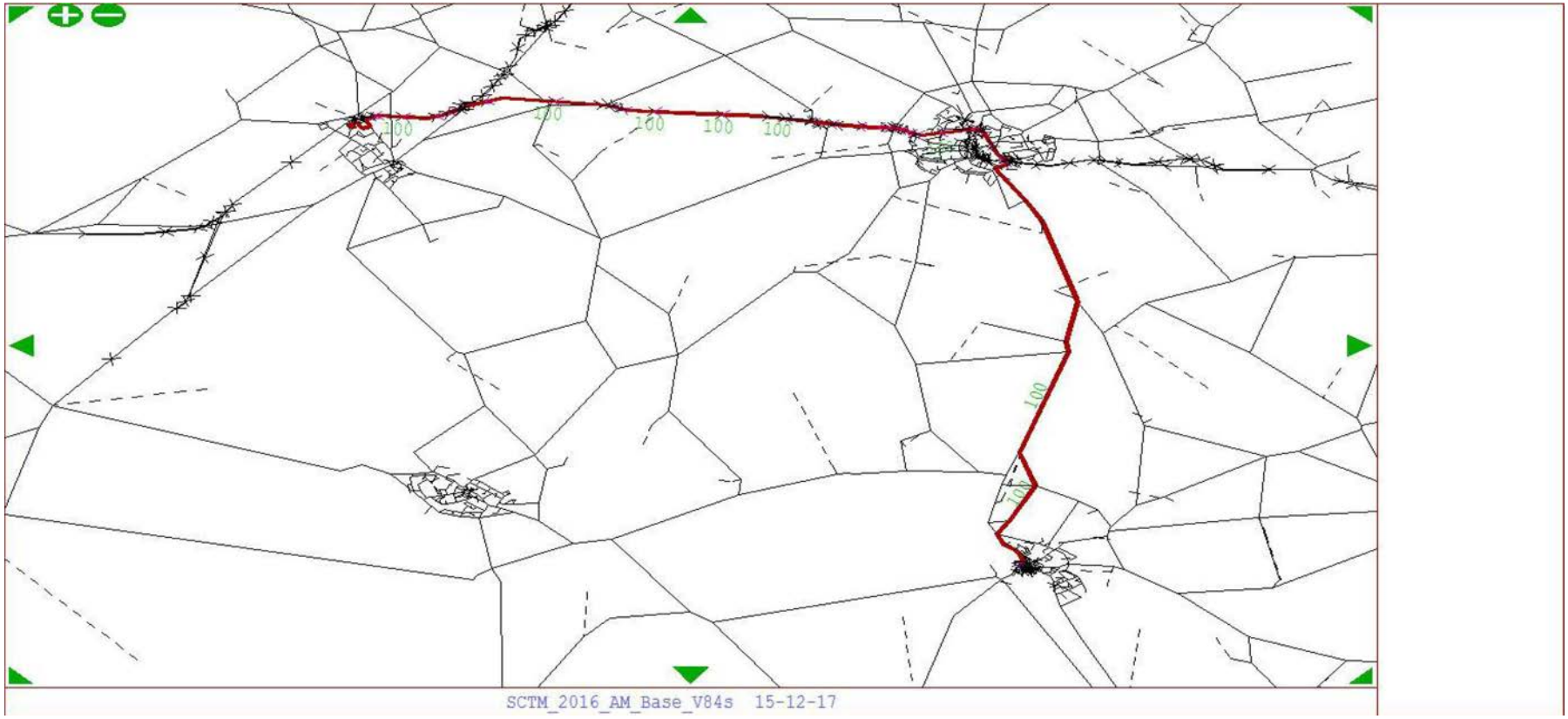

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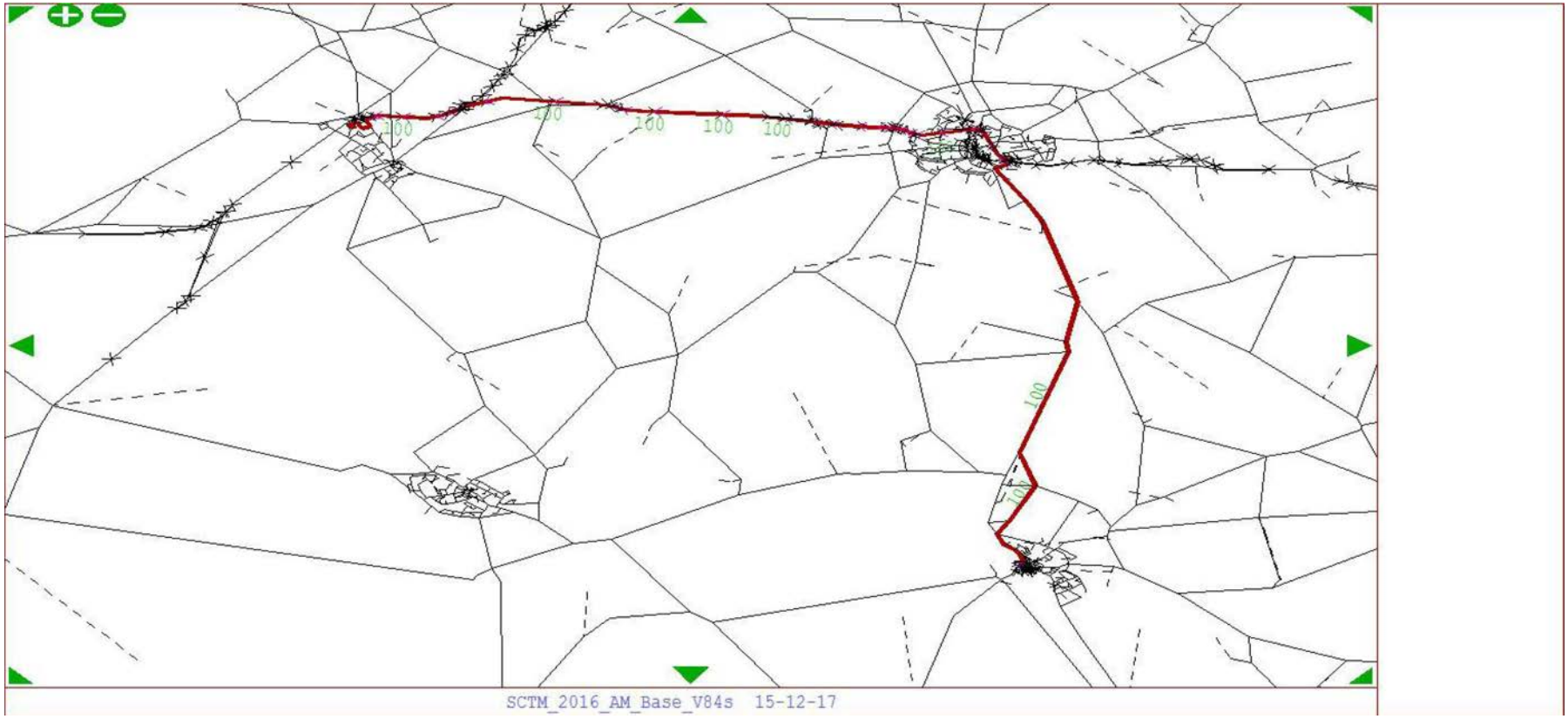
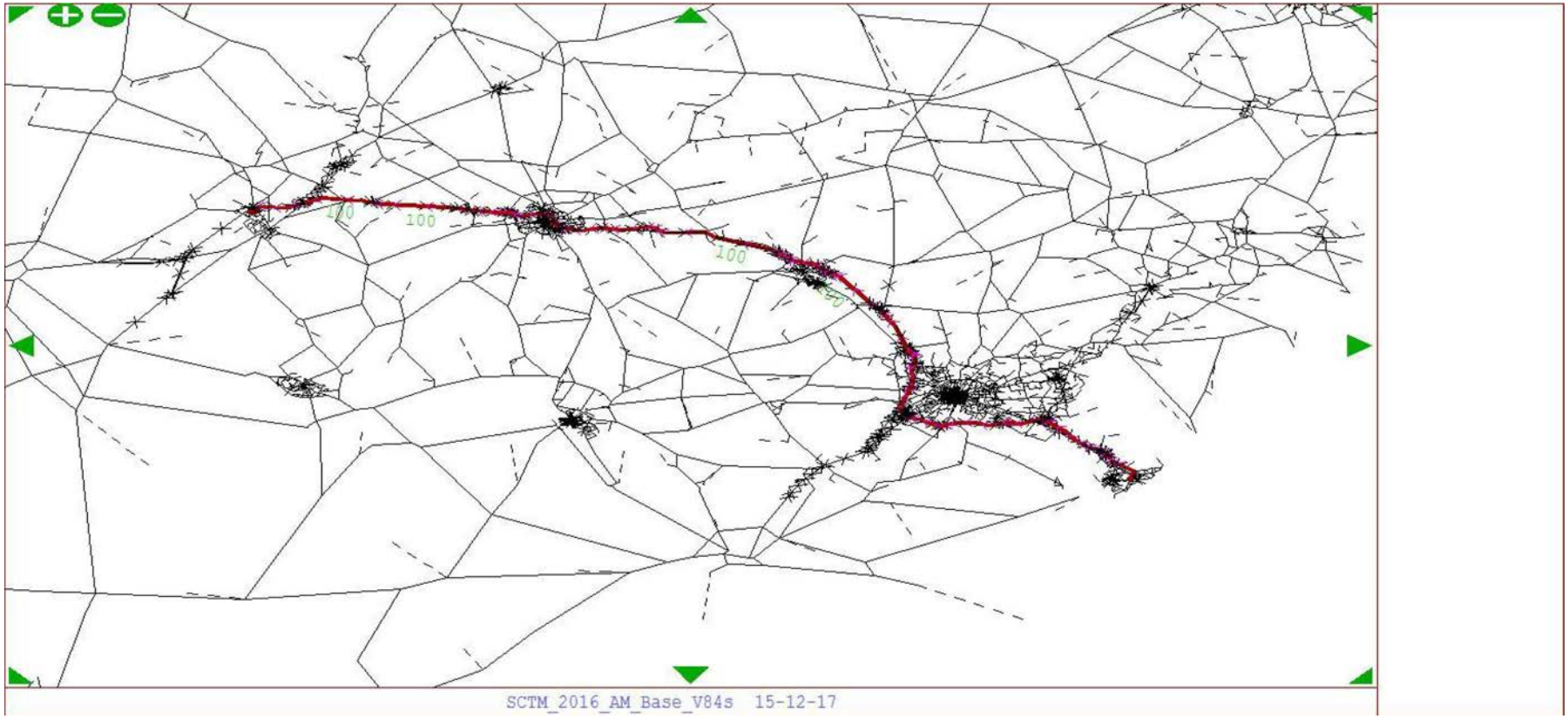


From Zone 391 To Zone 95 - User Class 2



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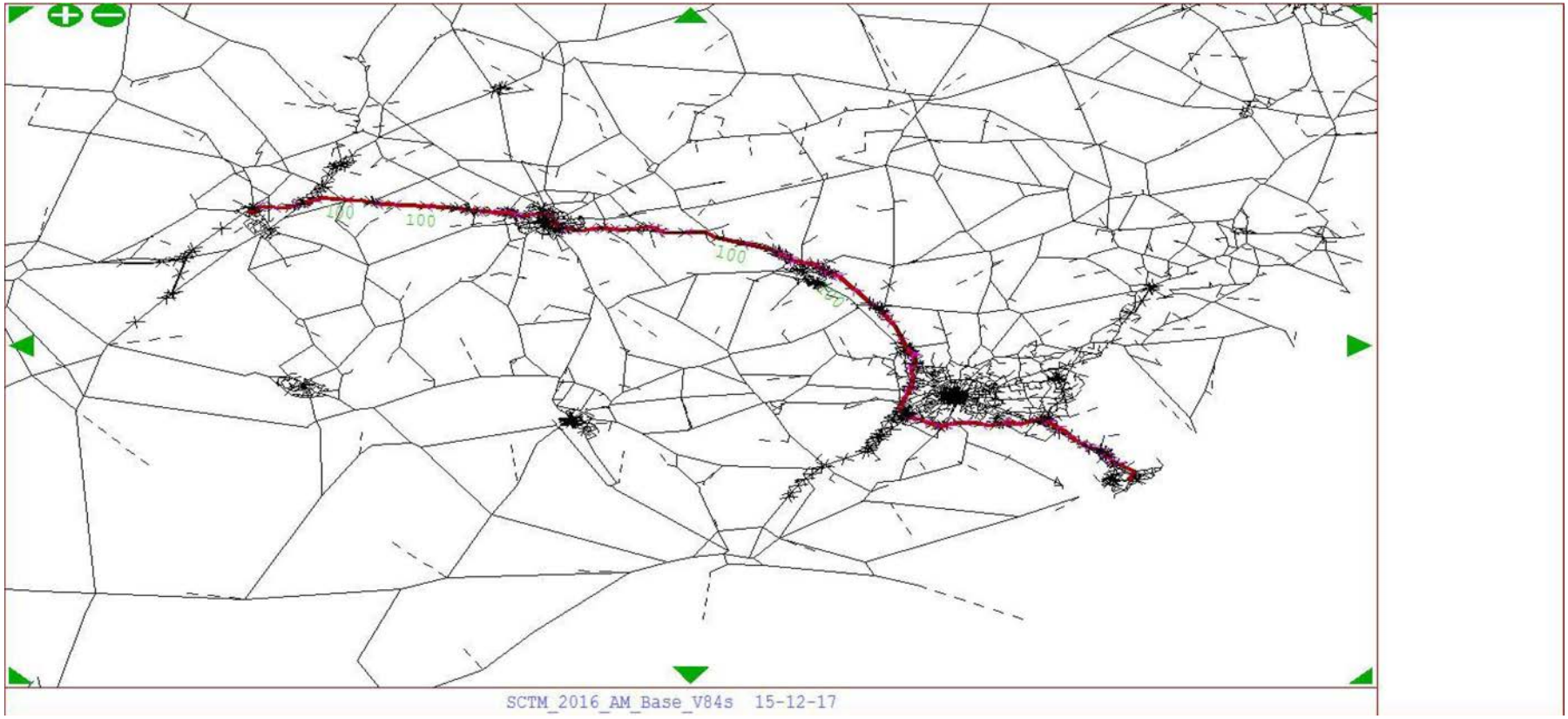

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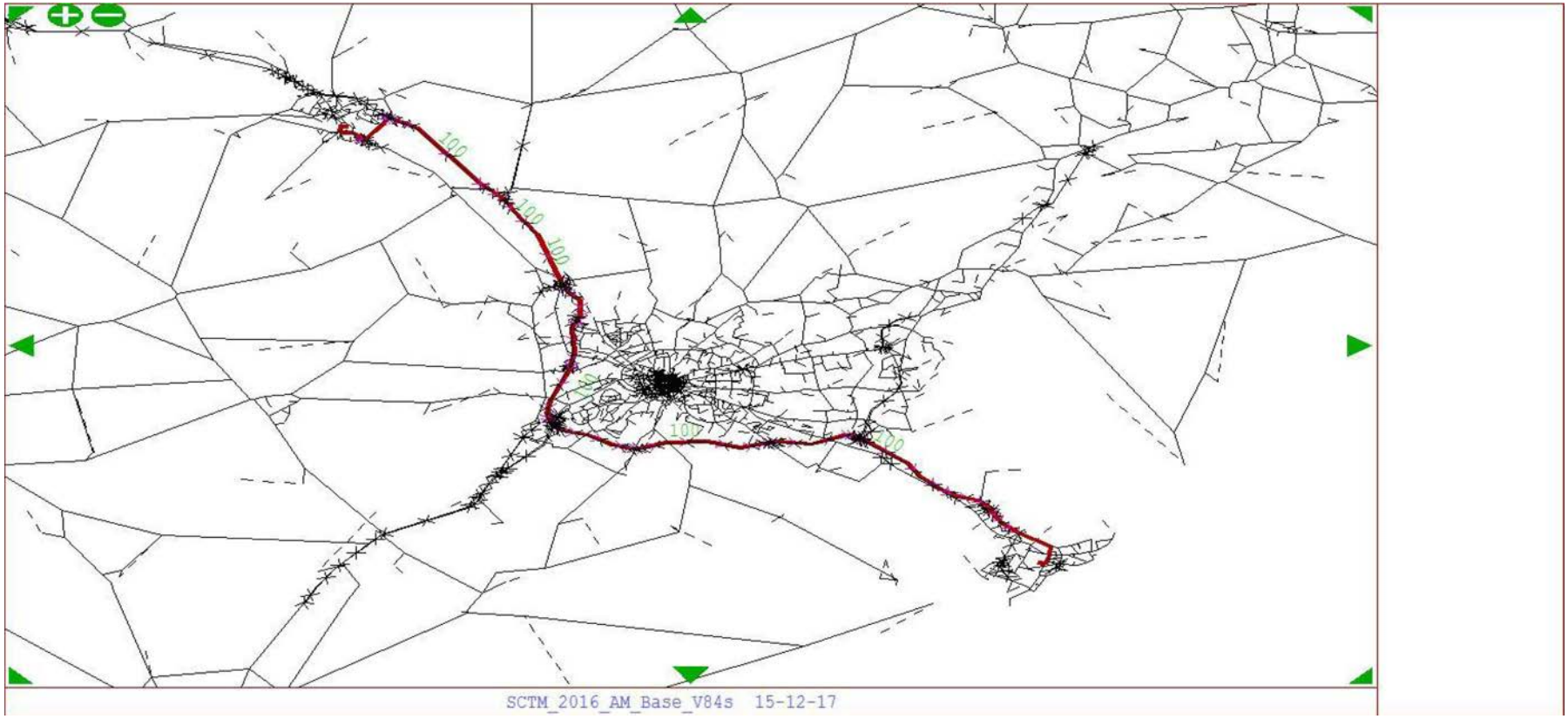

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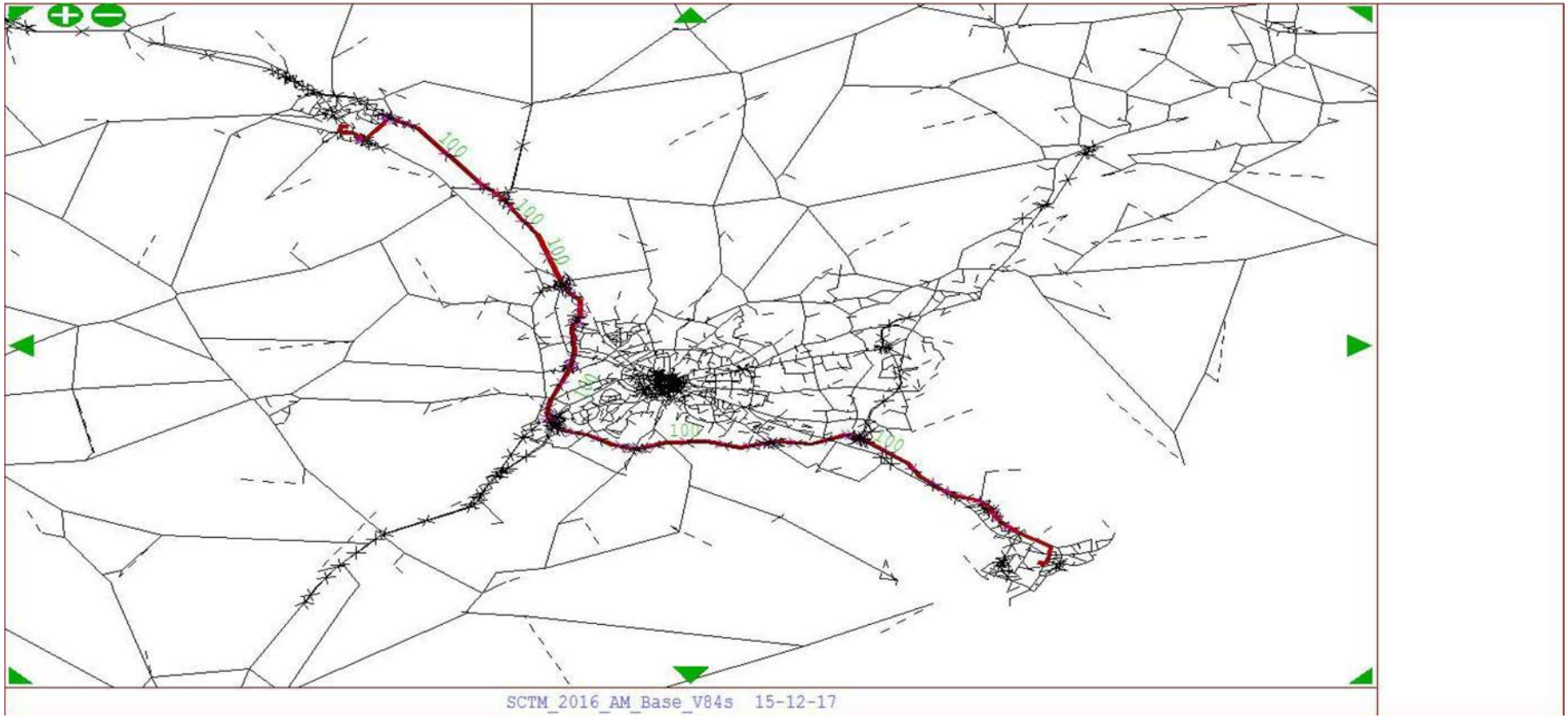

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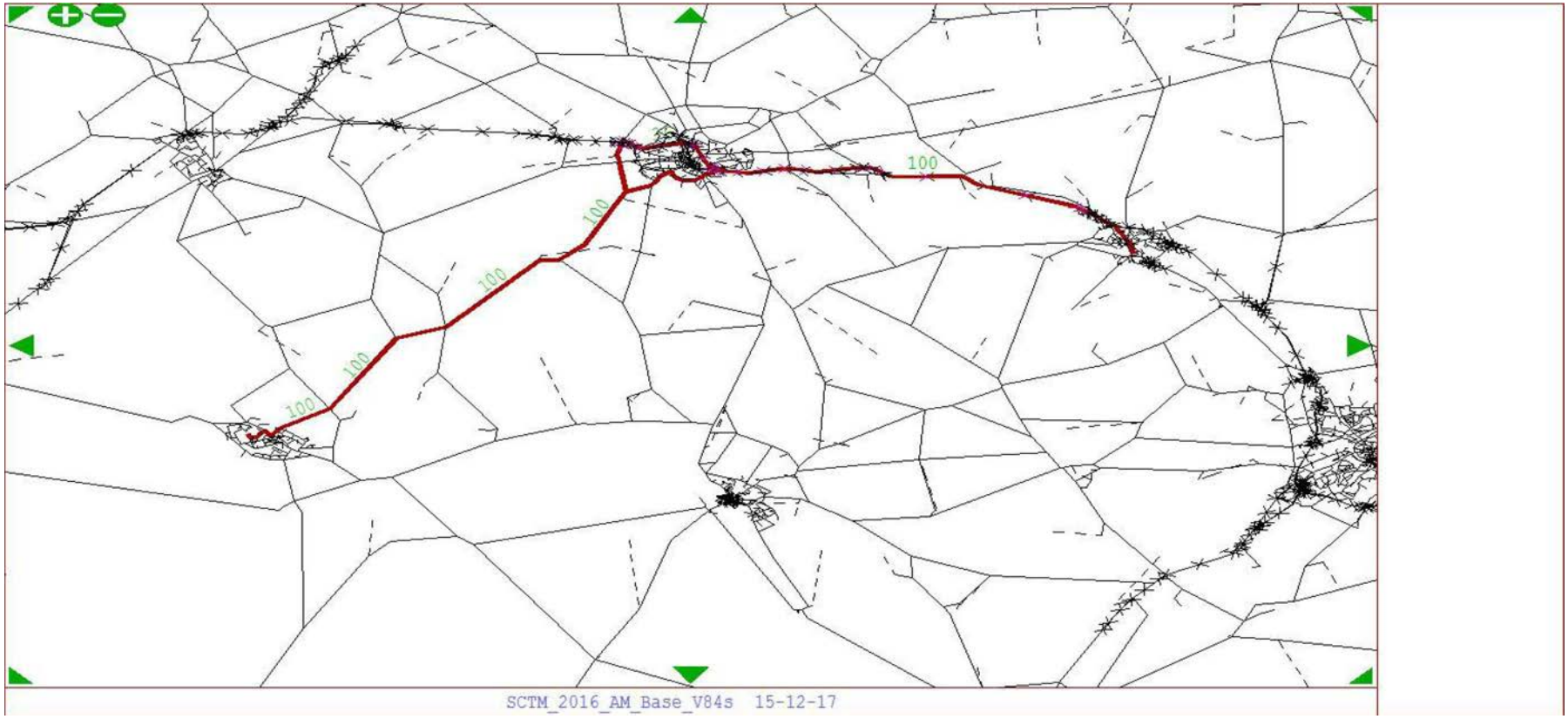

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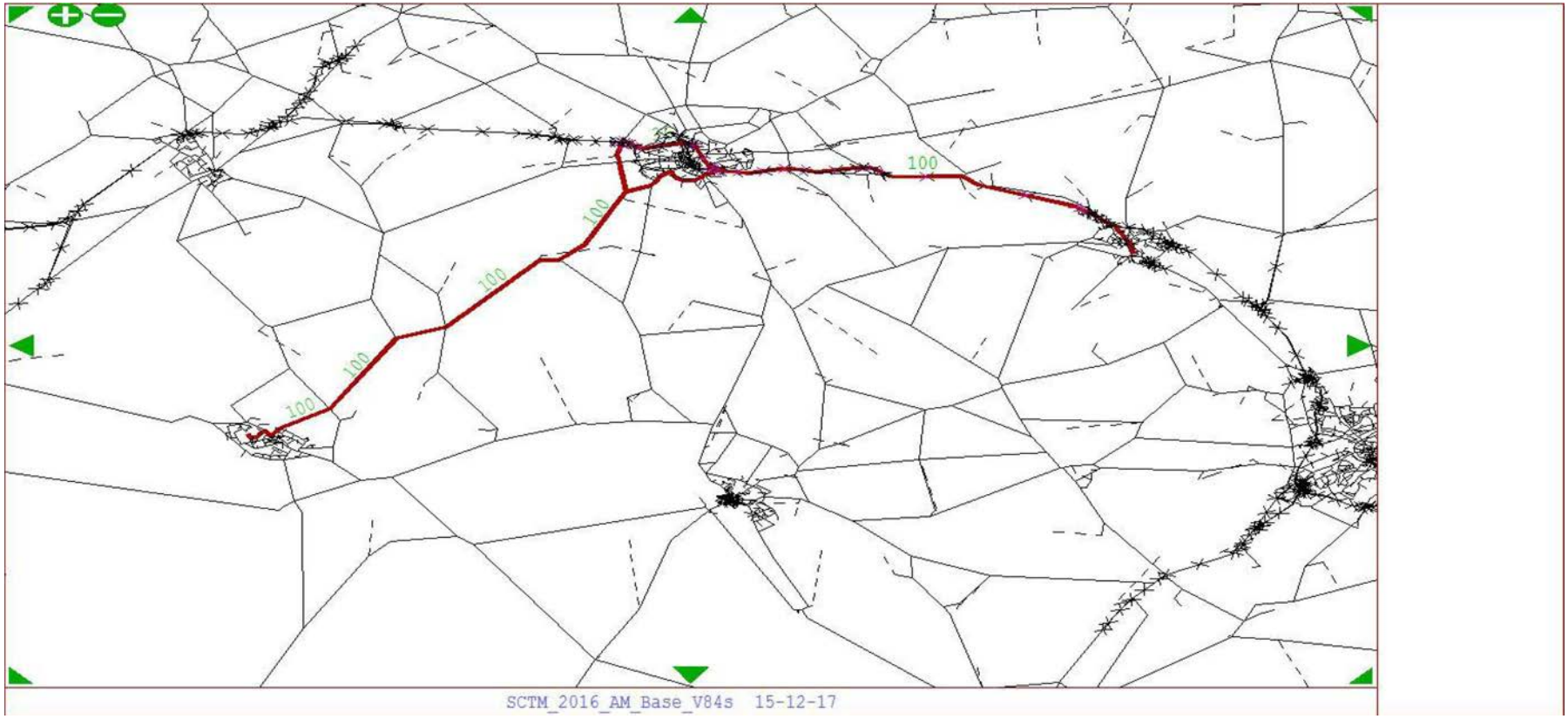

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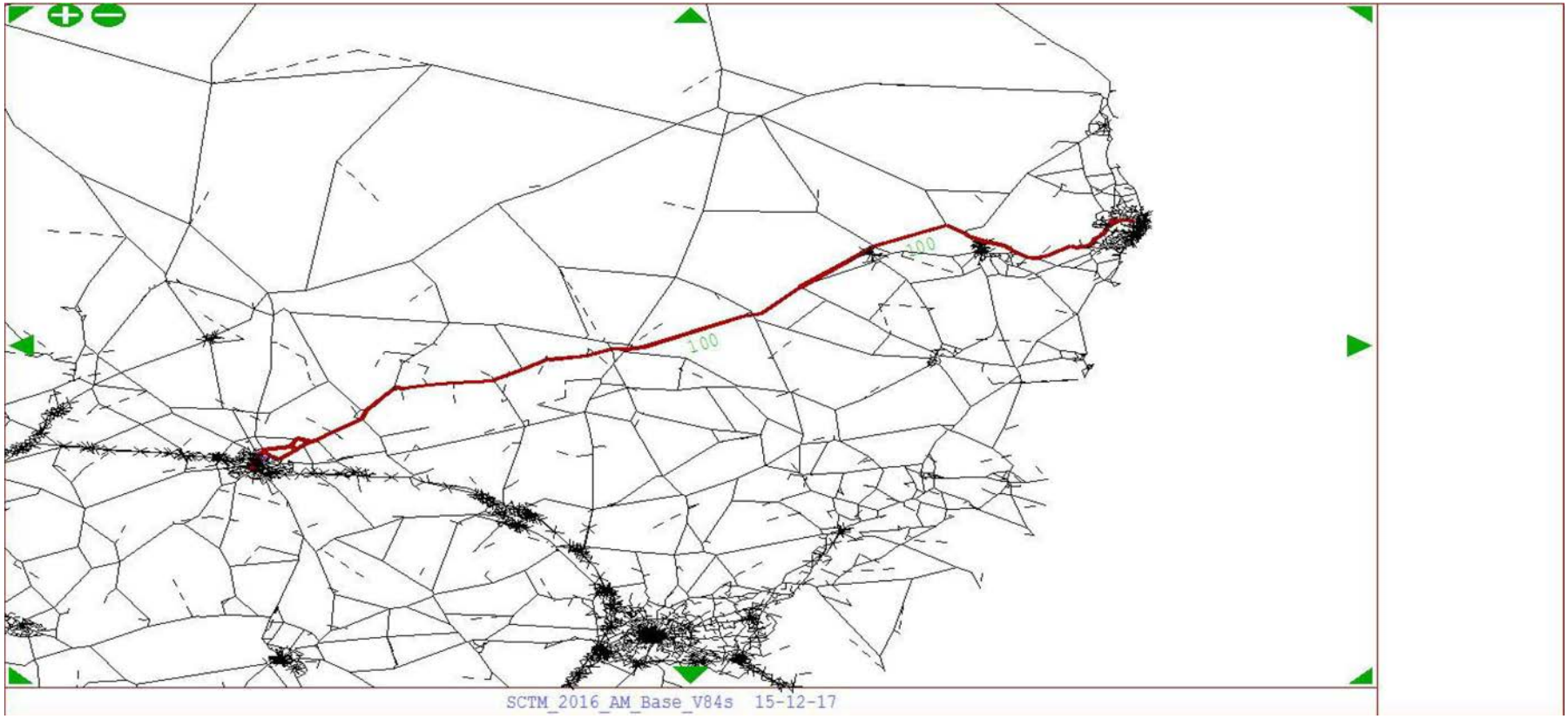

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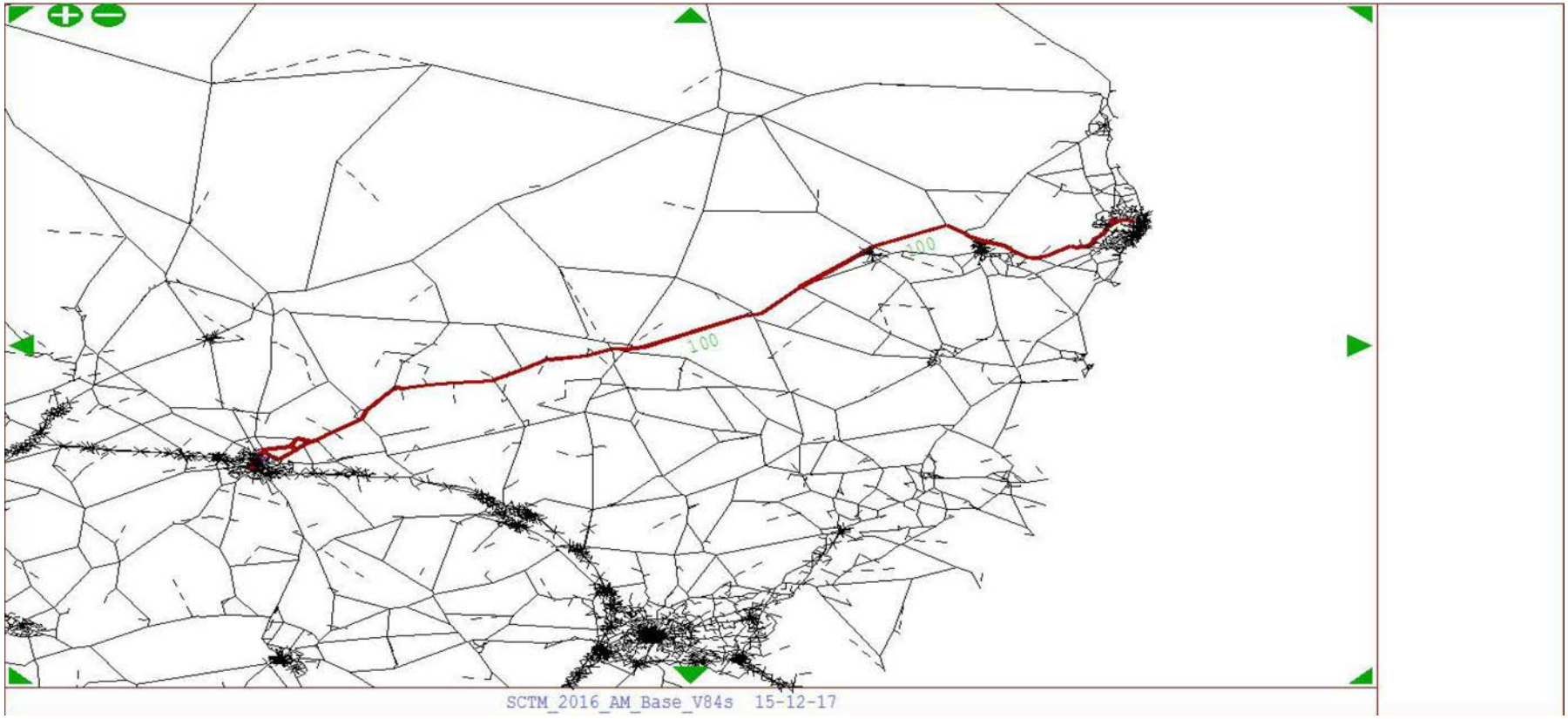

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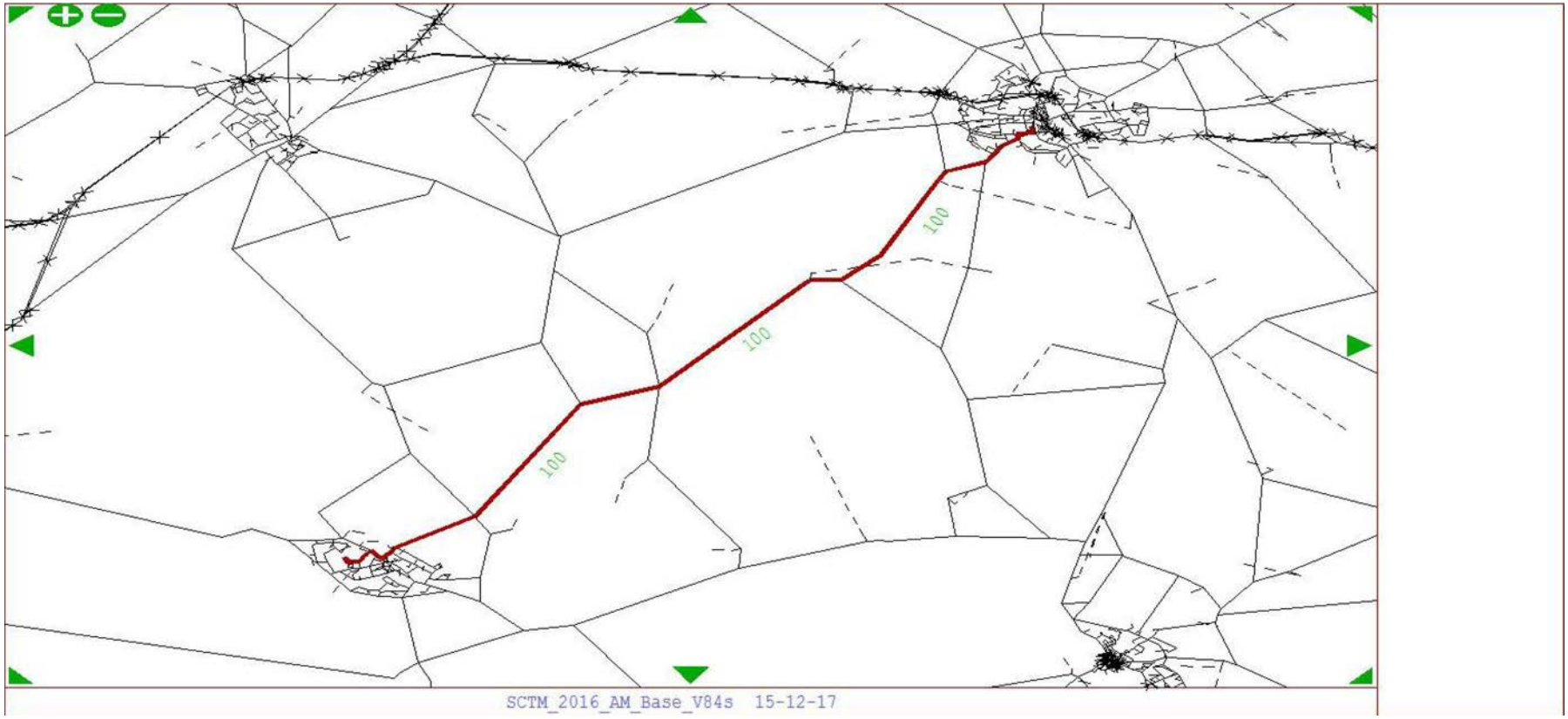

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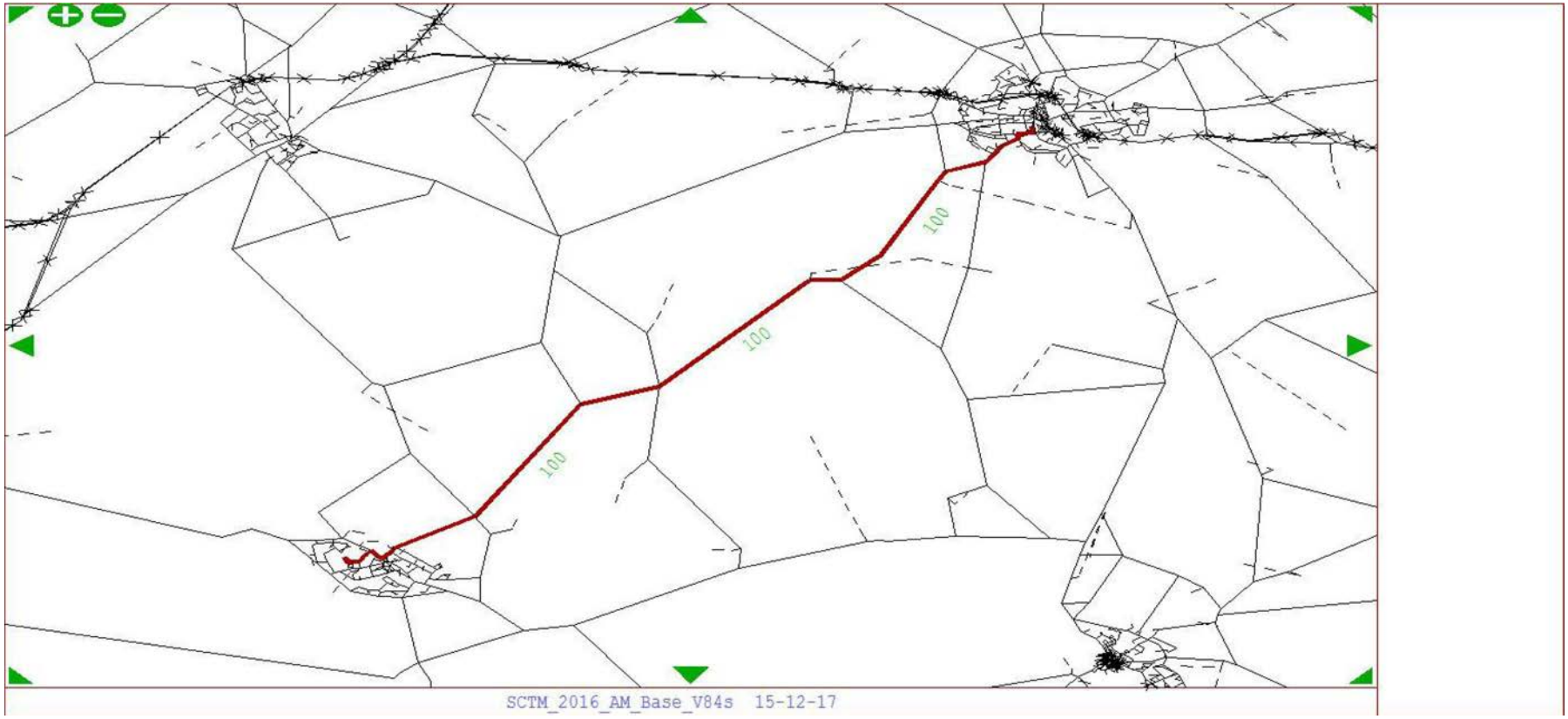
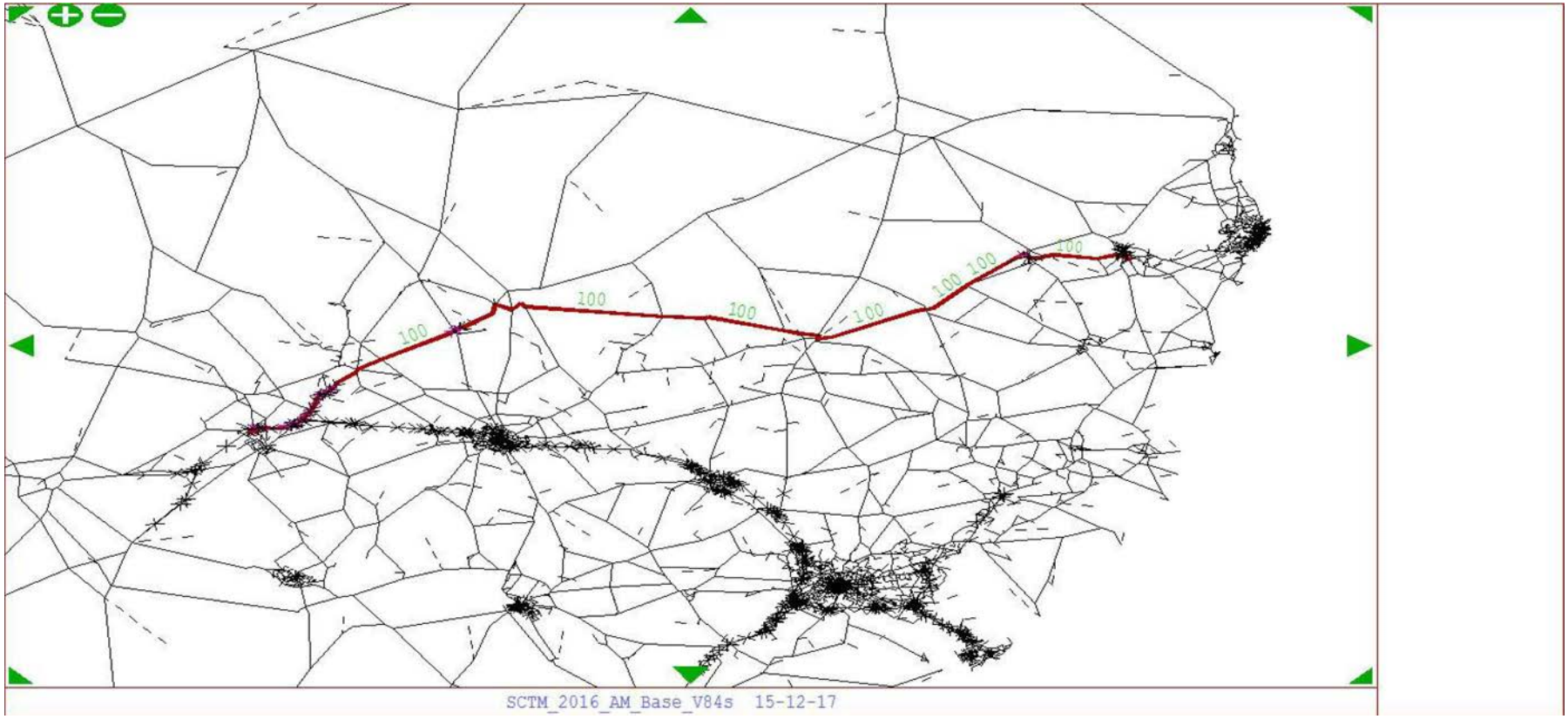


From Zone 95 To Zone 455 - User Class 2



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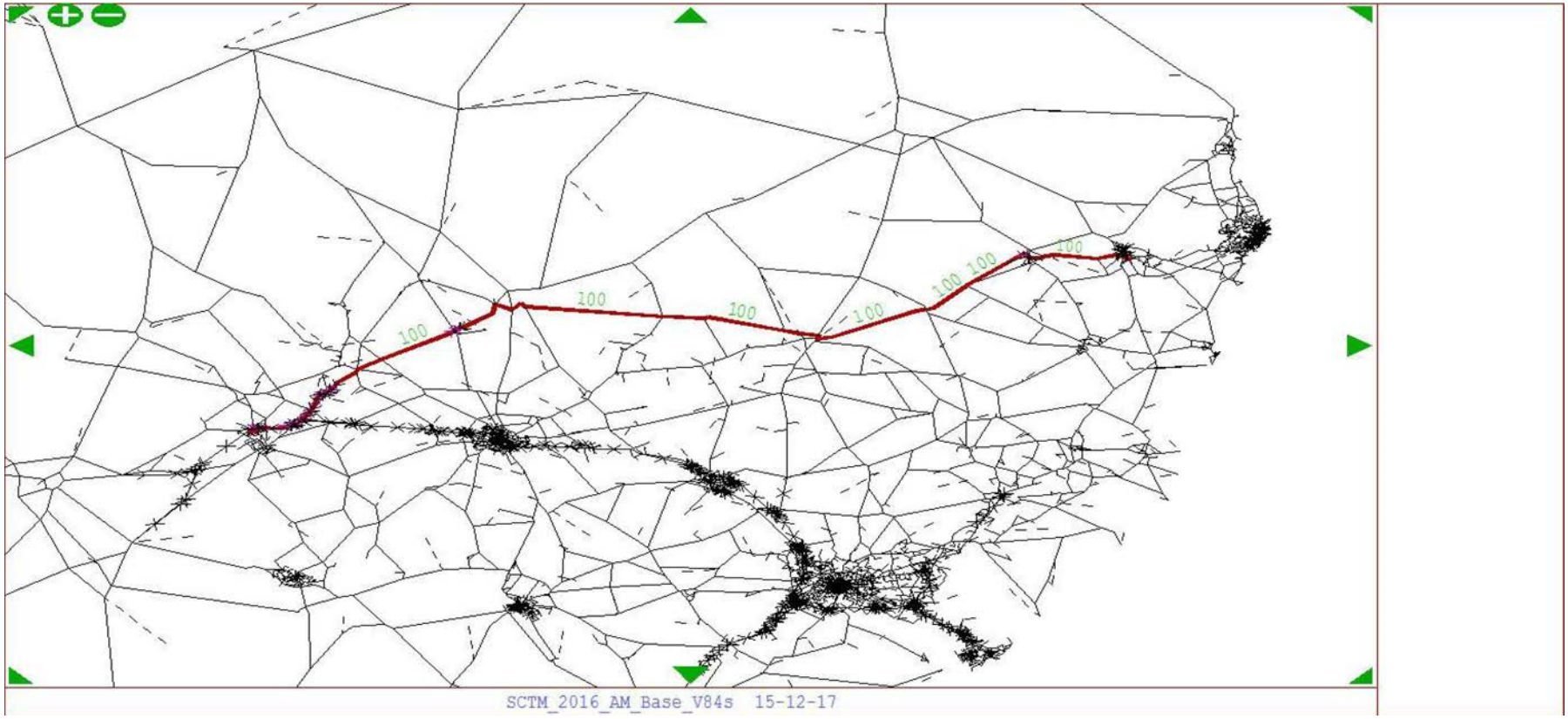

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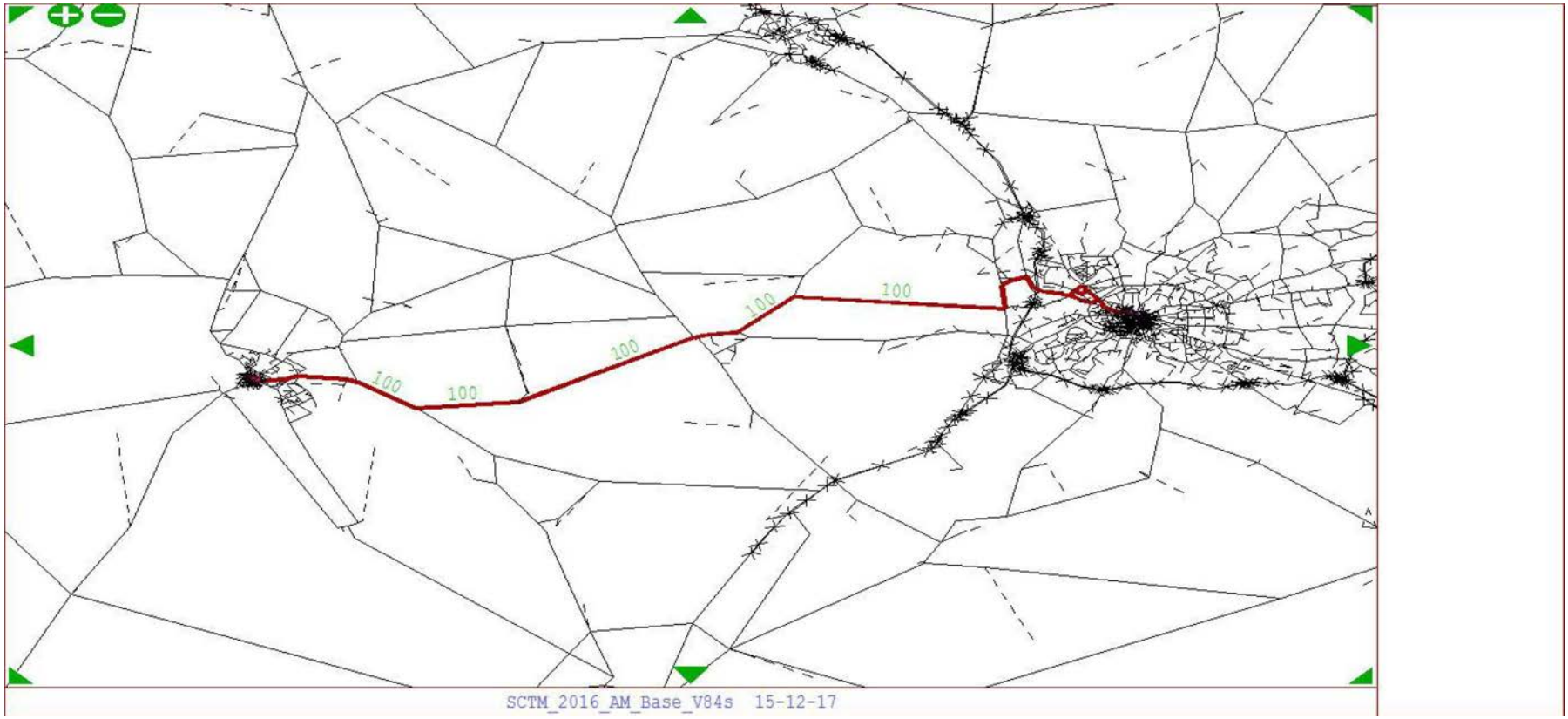

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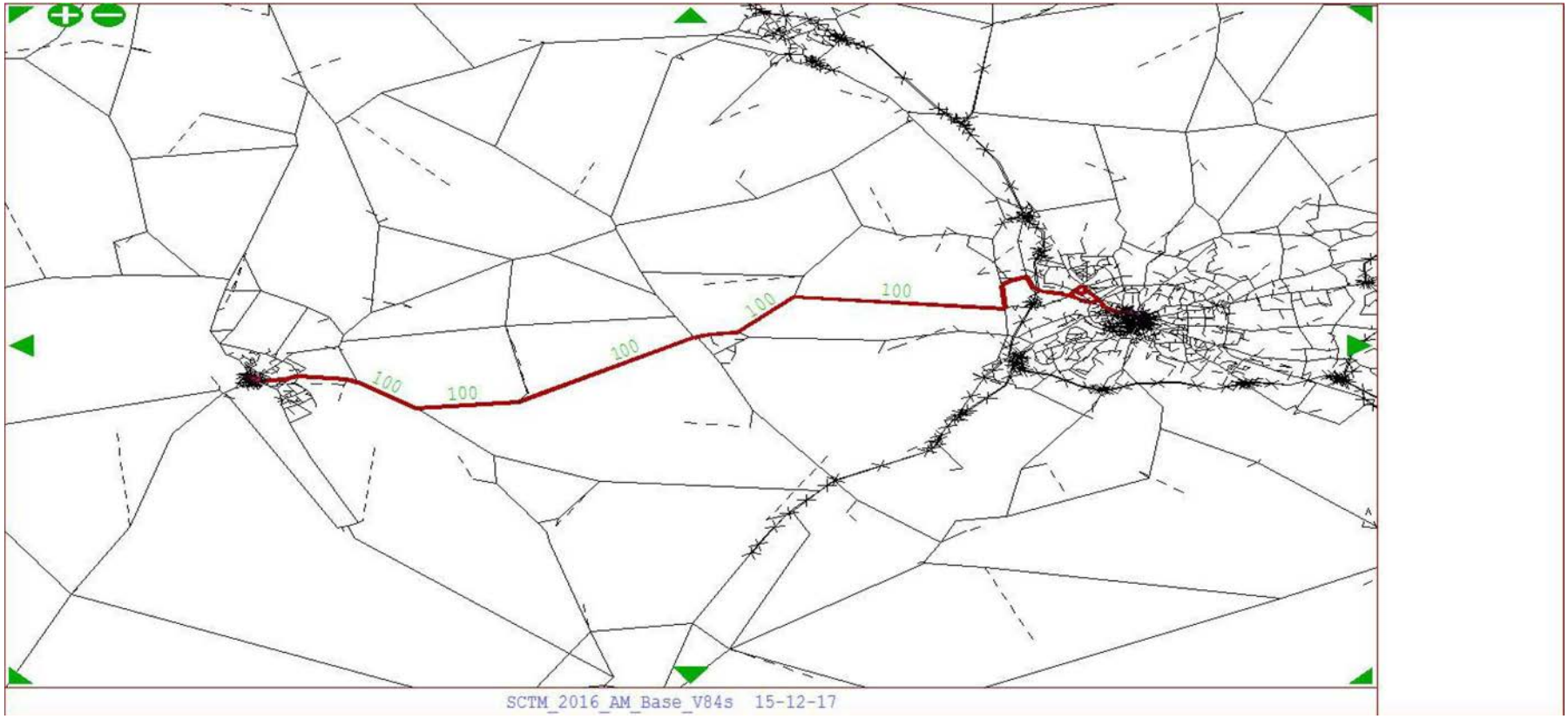

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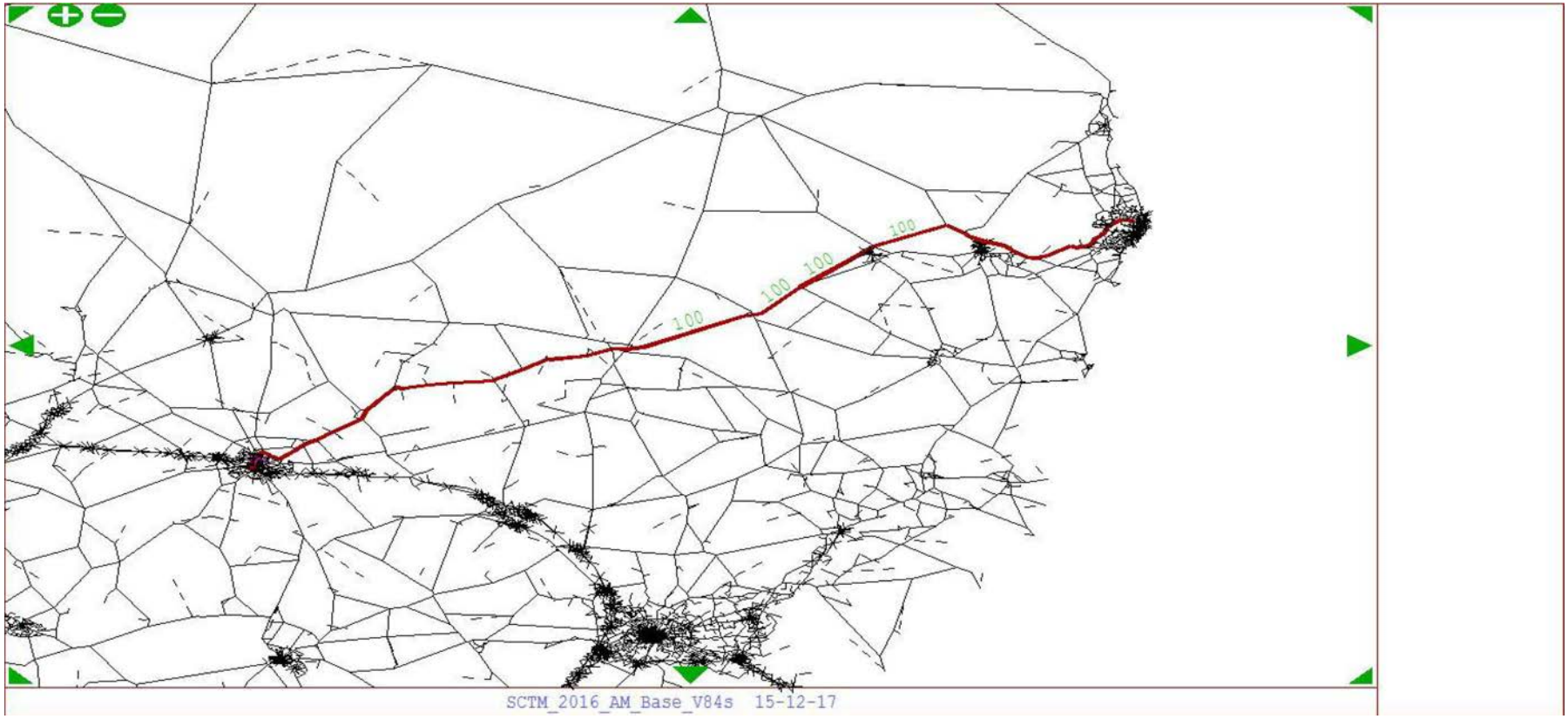

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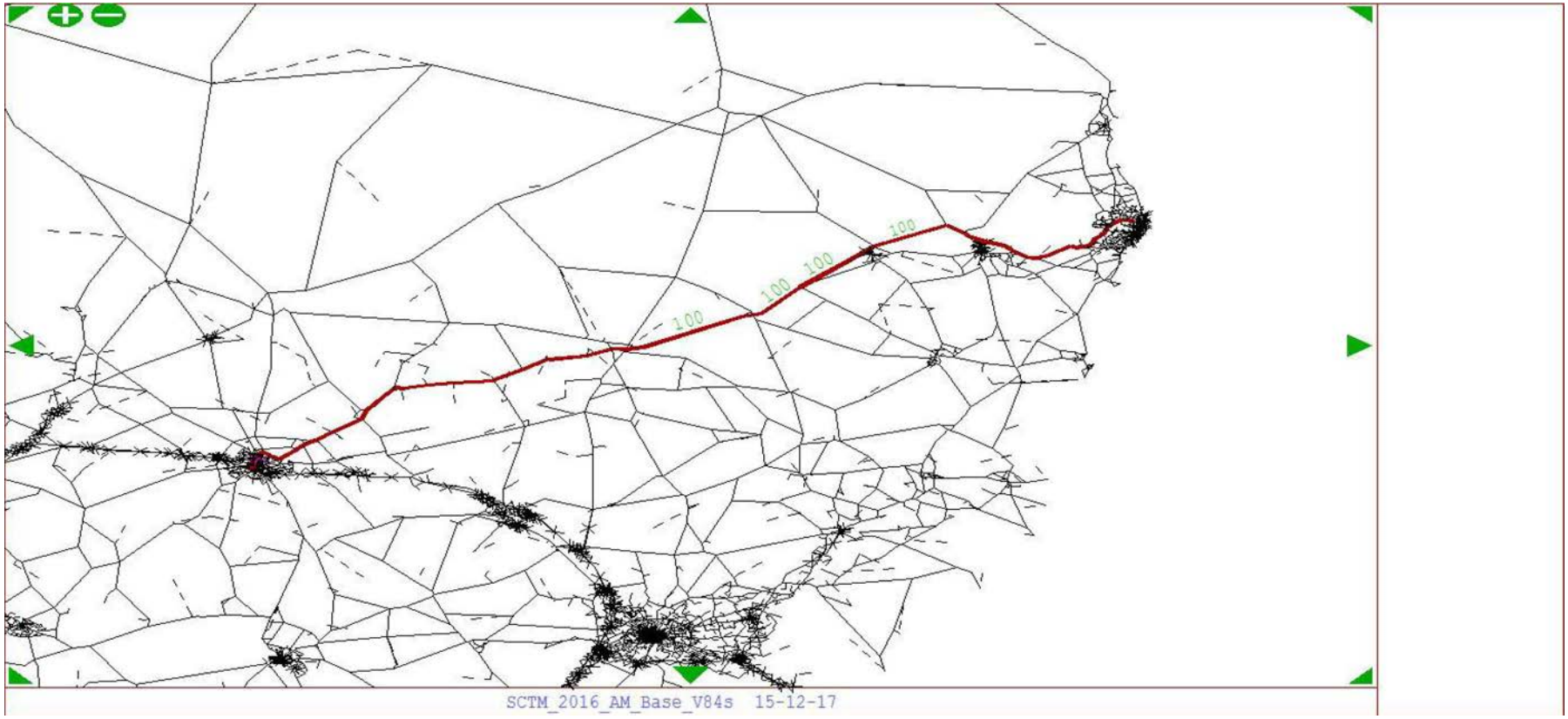

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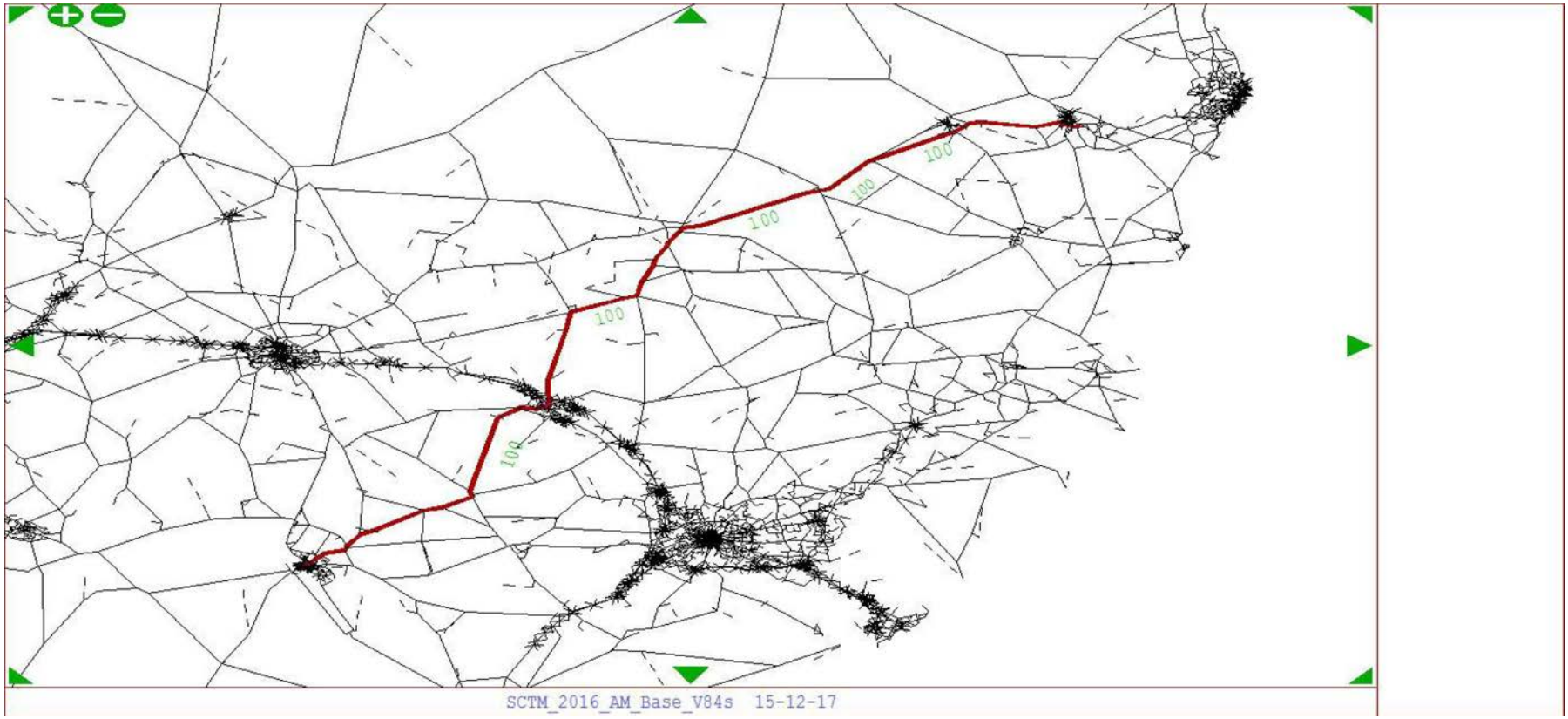

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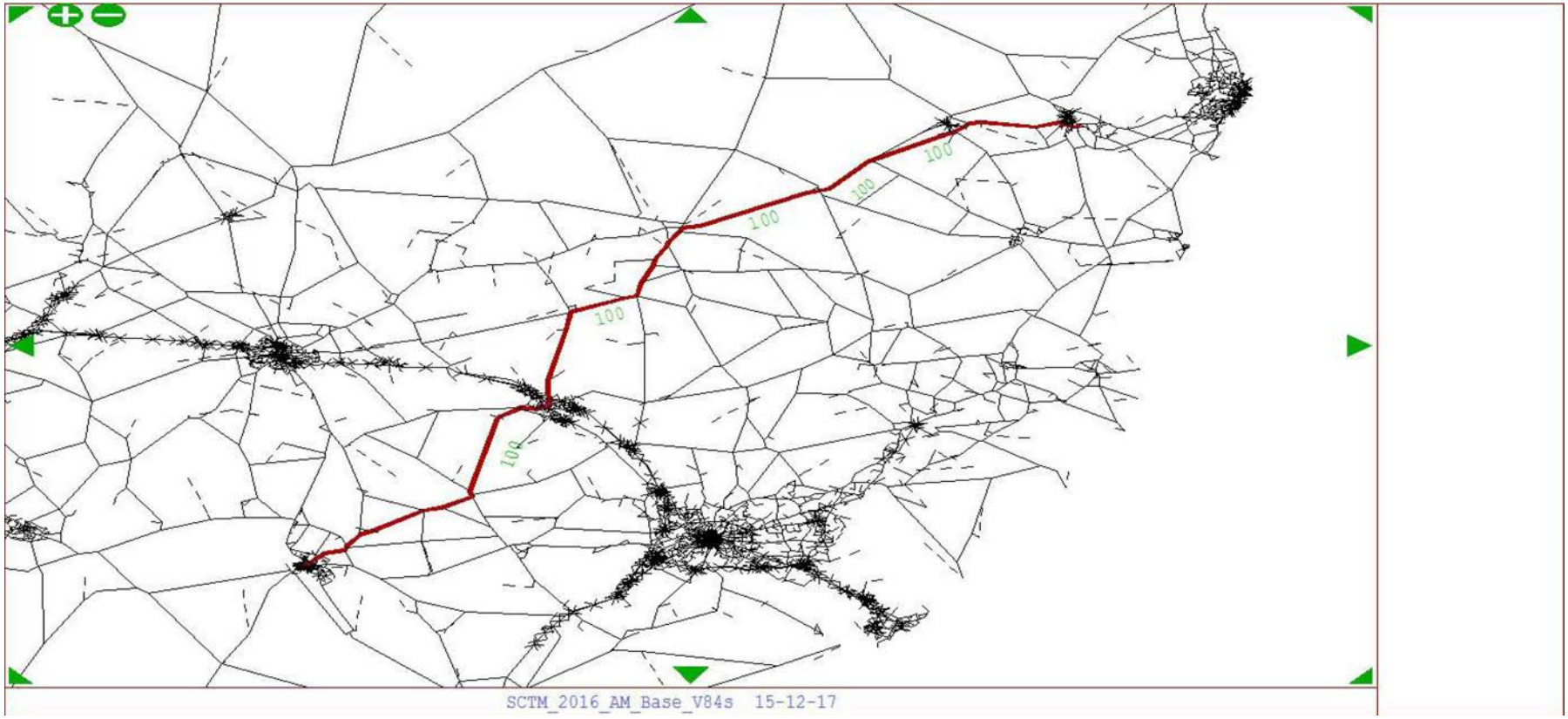

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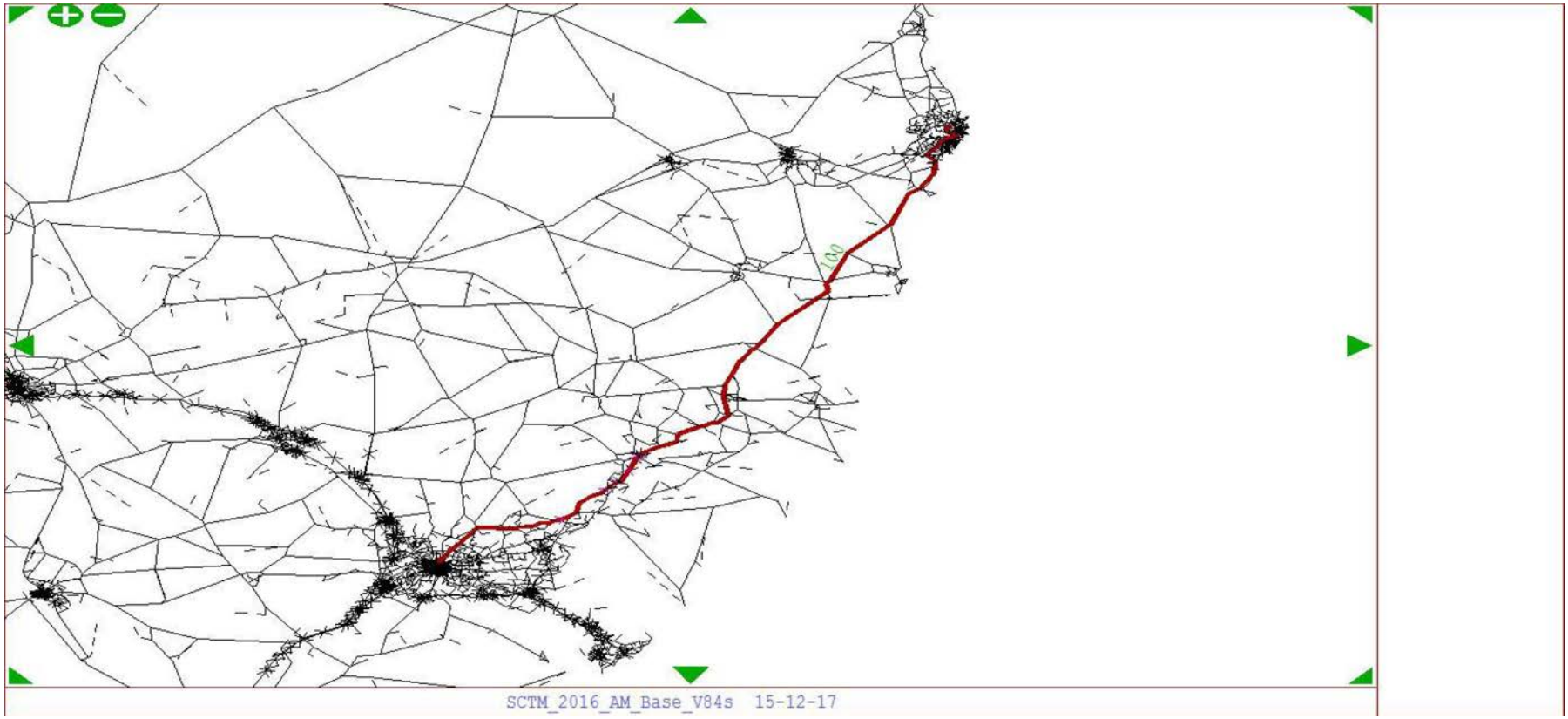

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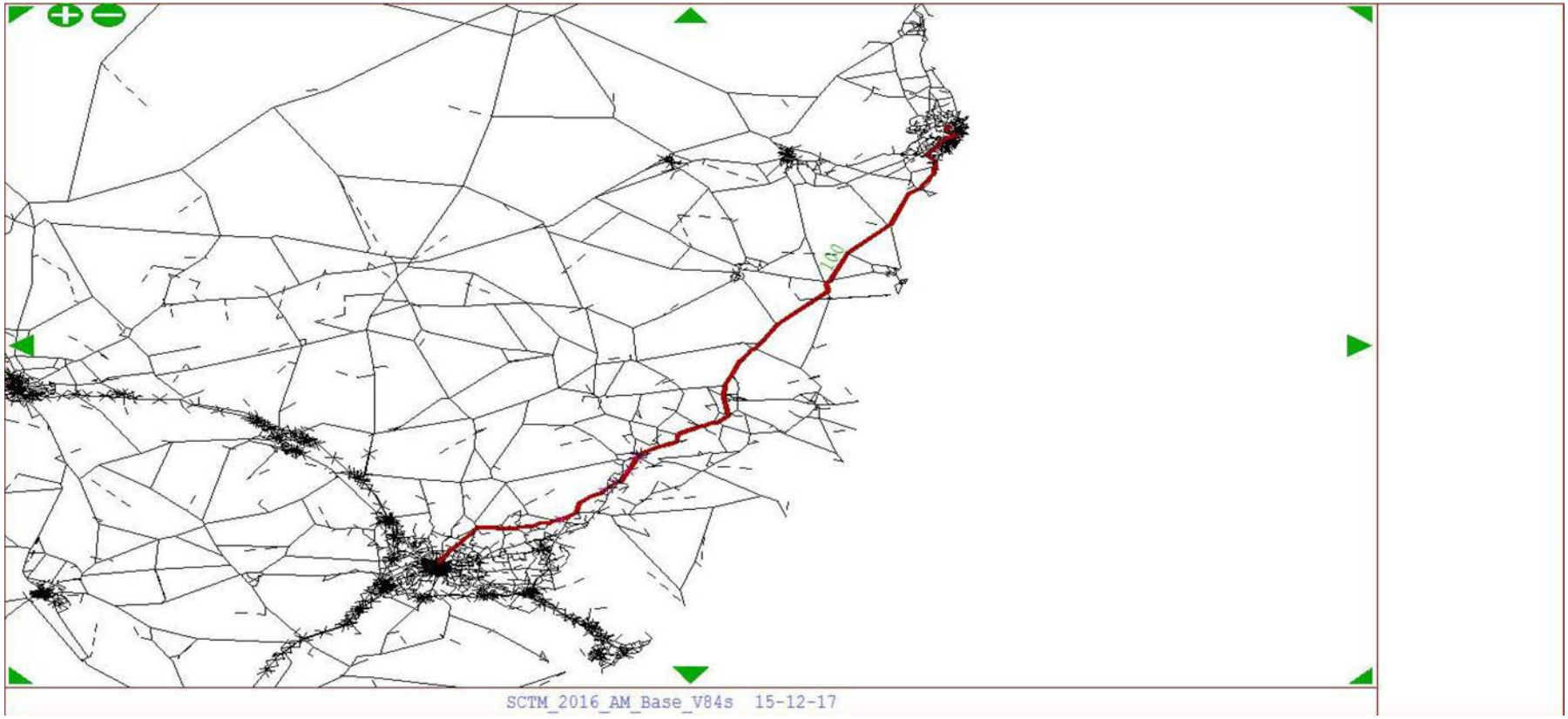

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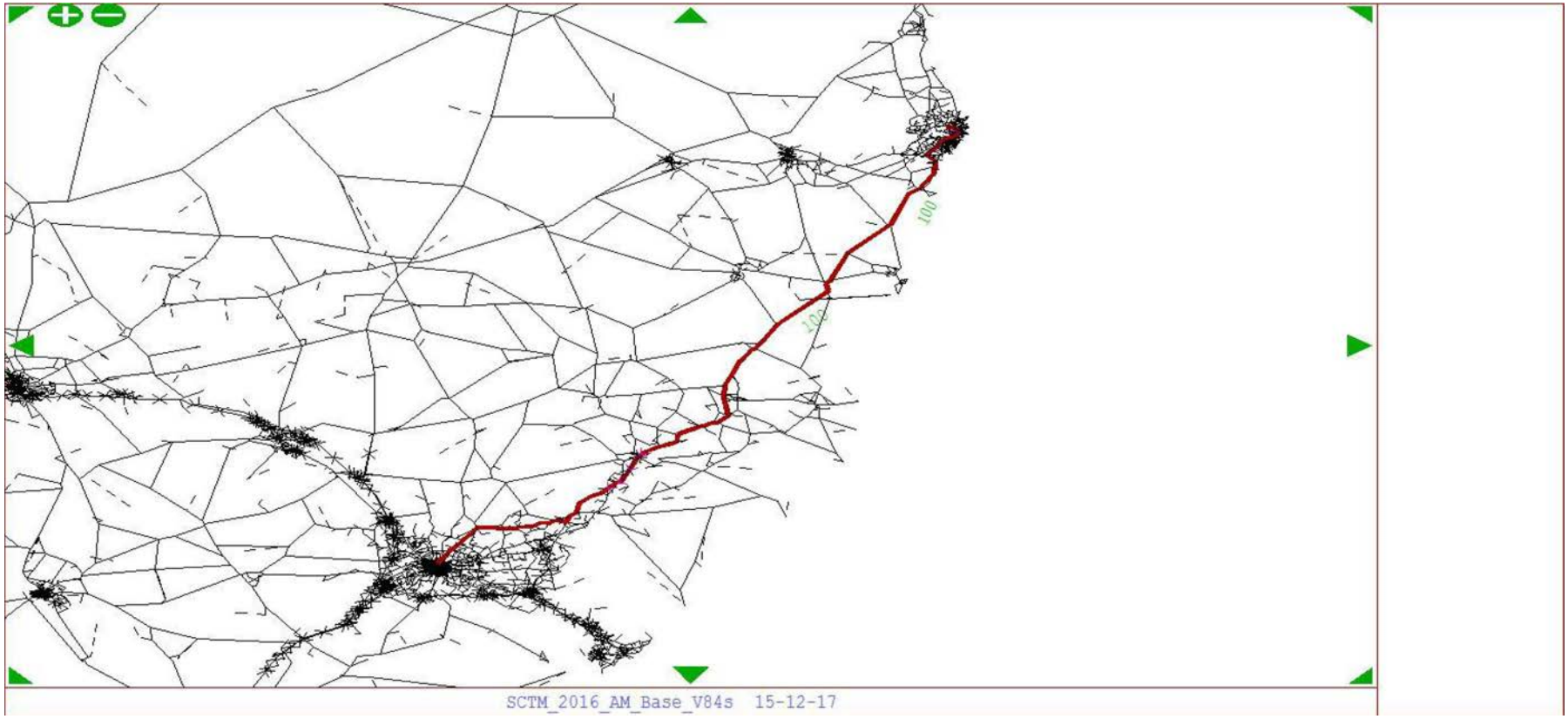

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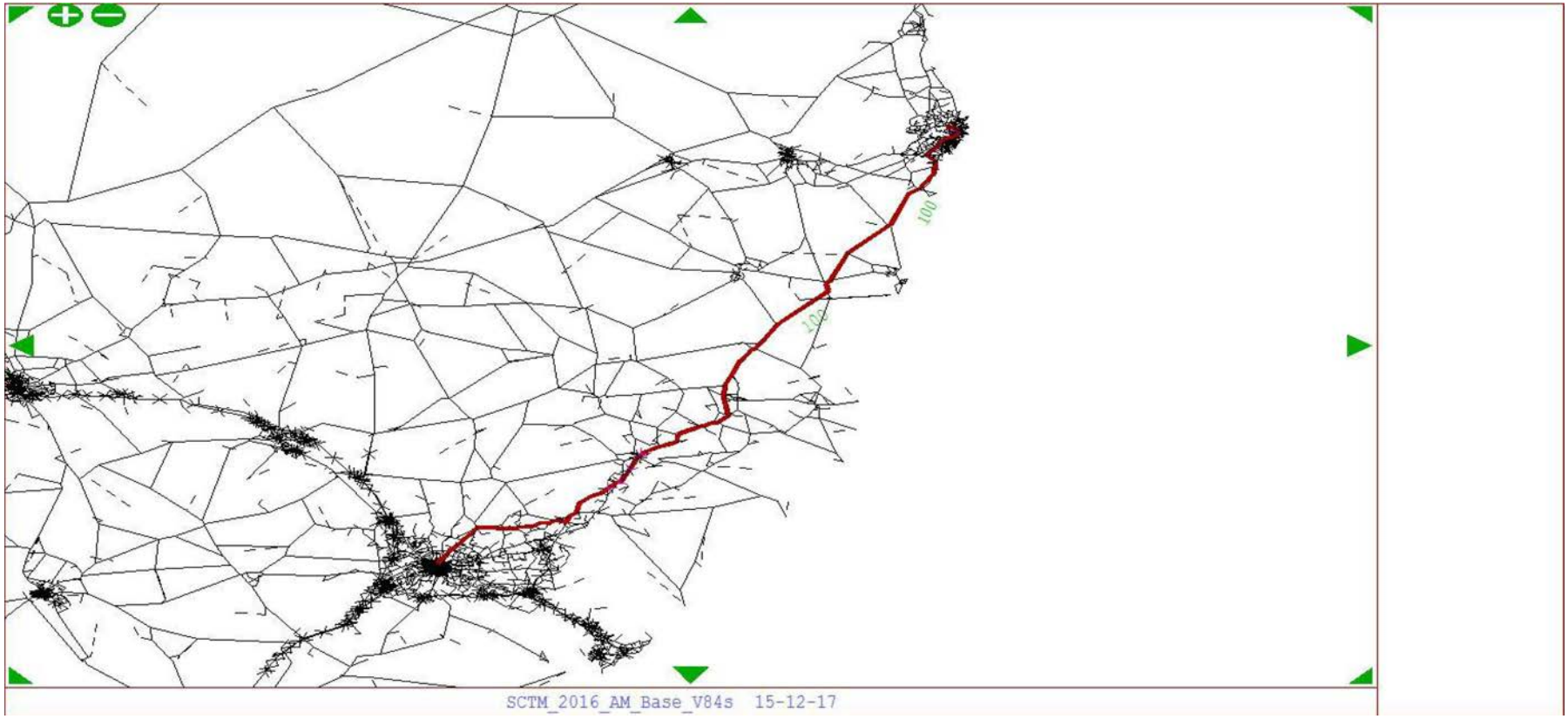
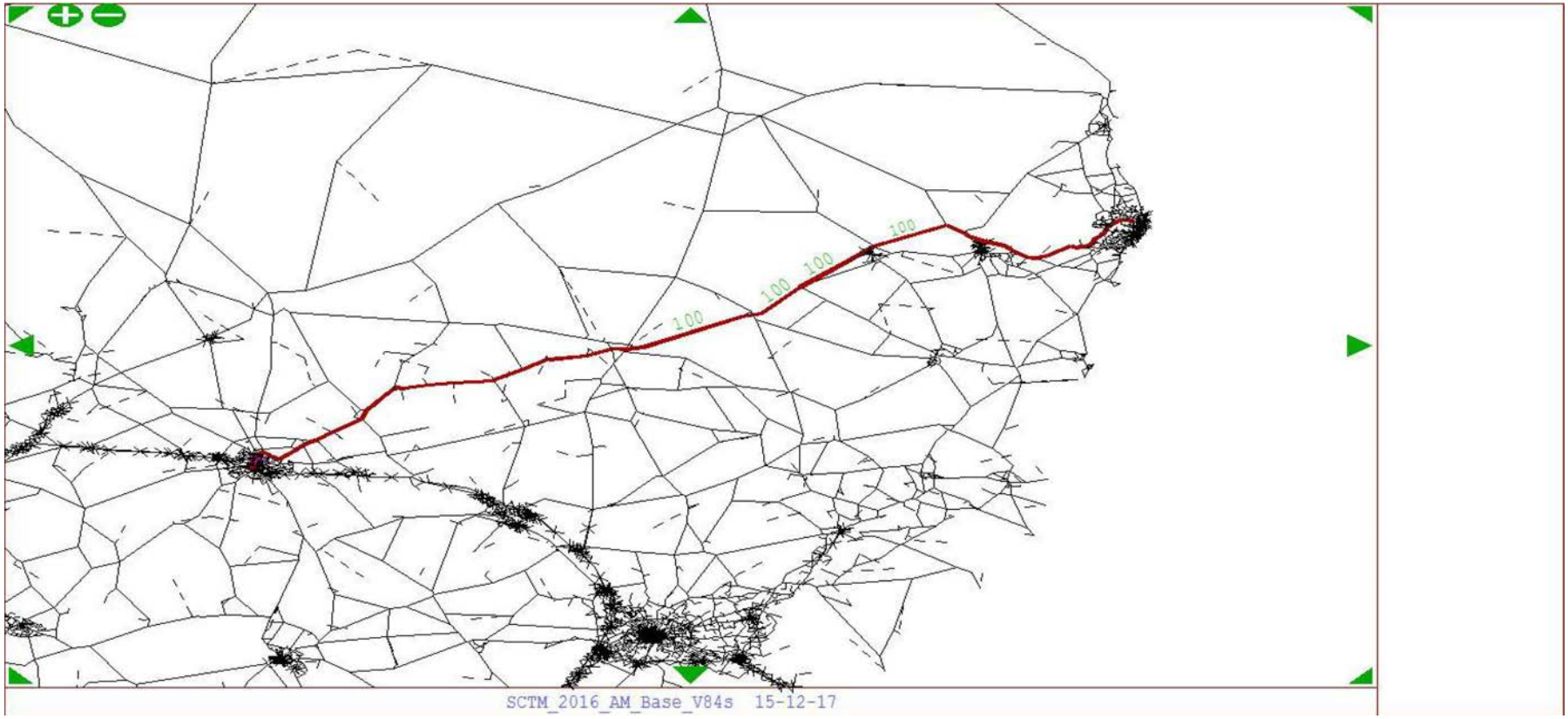
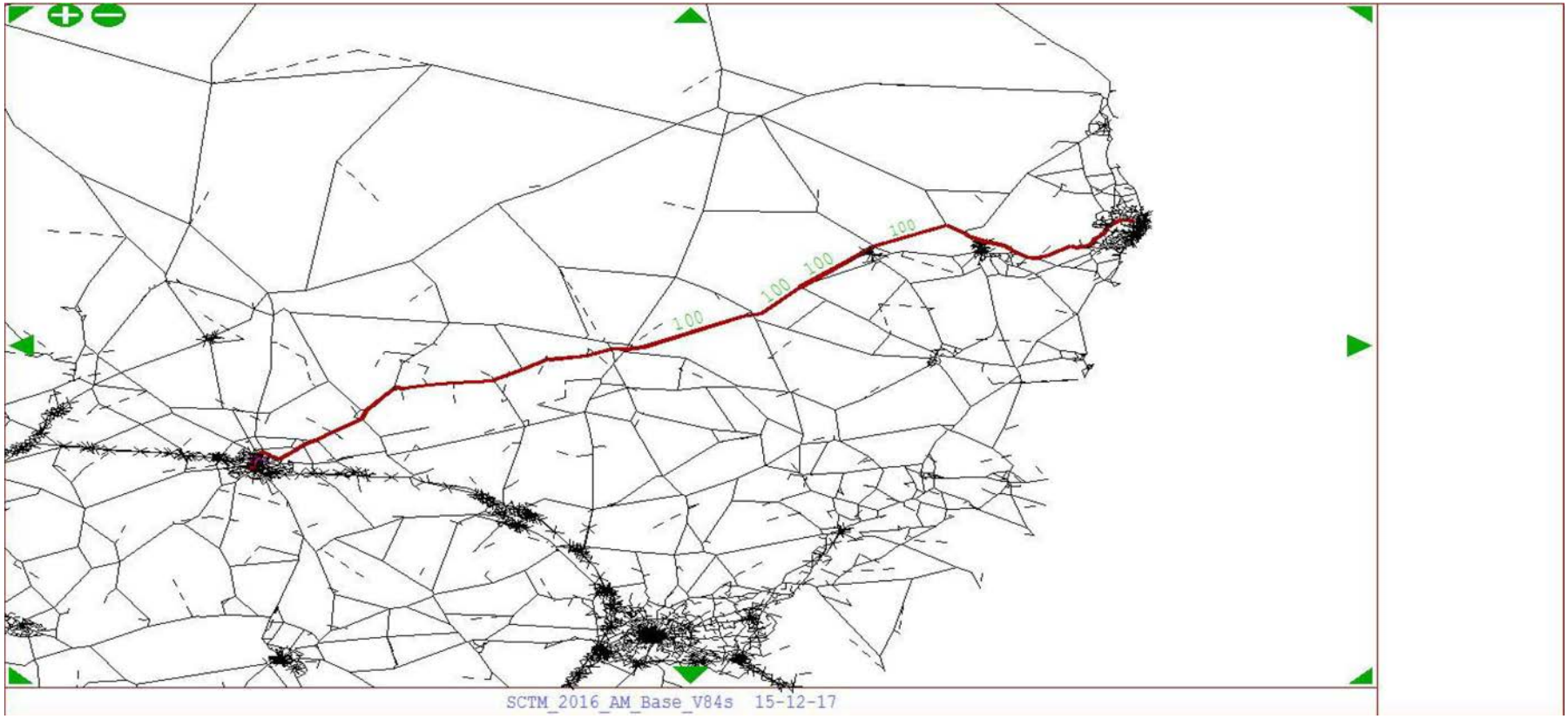


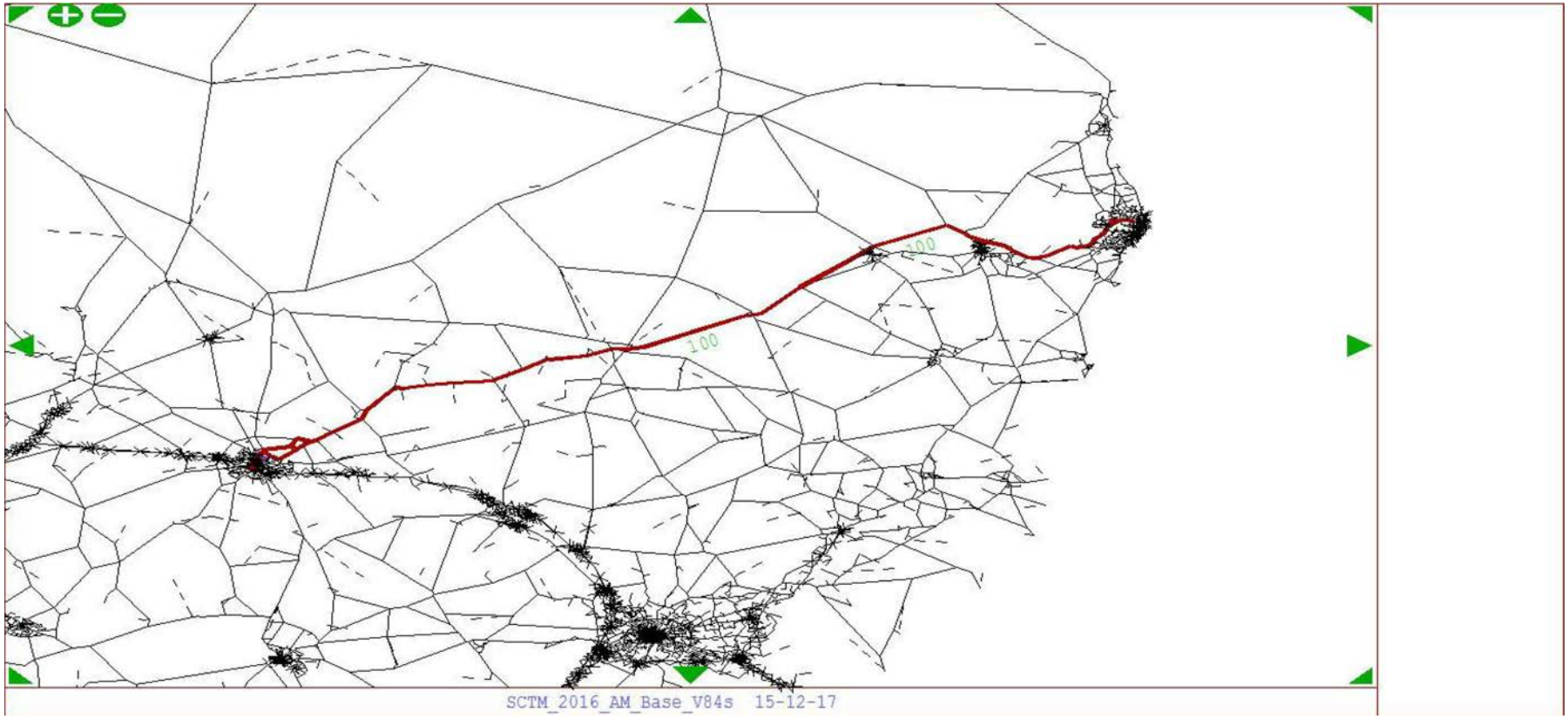
From Zone 287 To Zone 412 - User Class 2



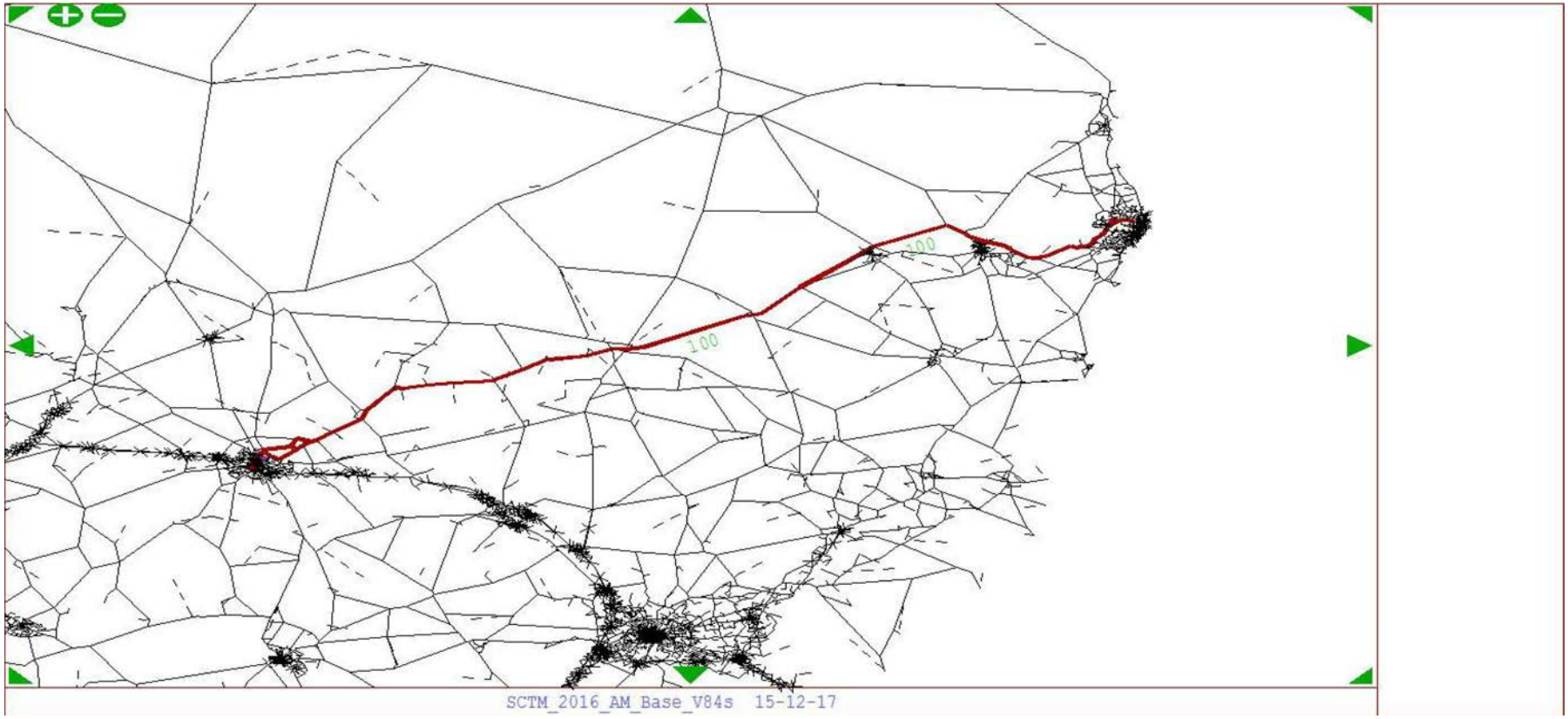
From Zone 287 To Zone 412 - User Class 10



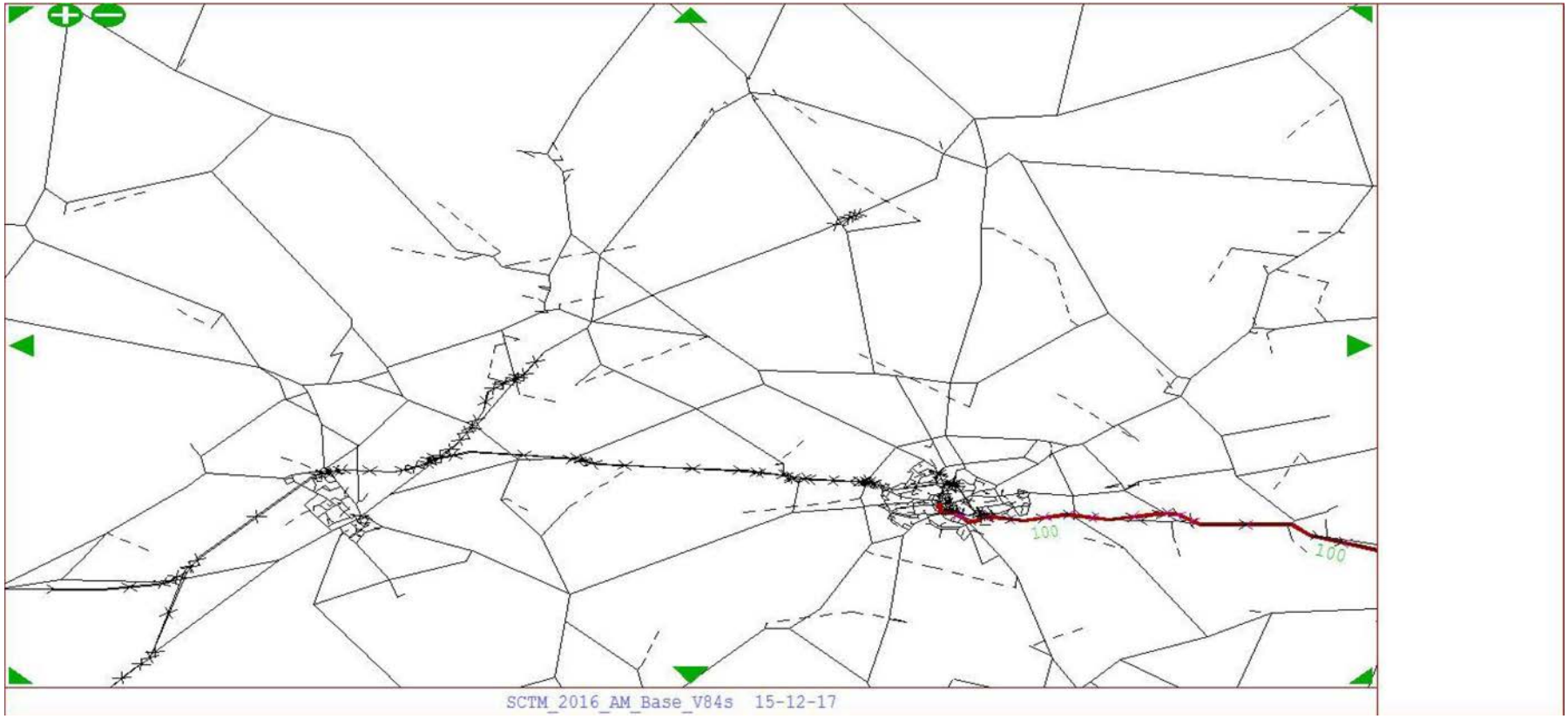
From Zone 412 To Zone 287 - User Class 2



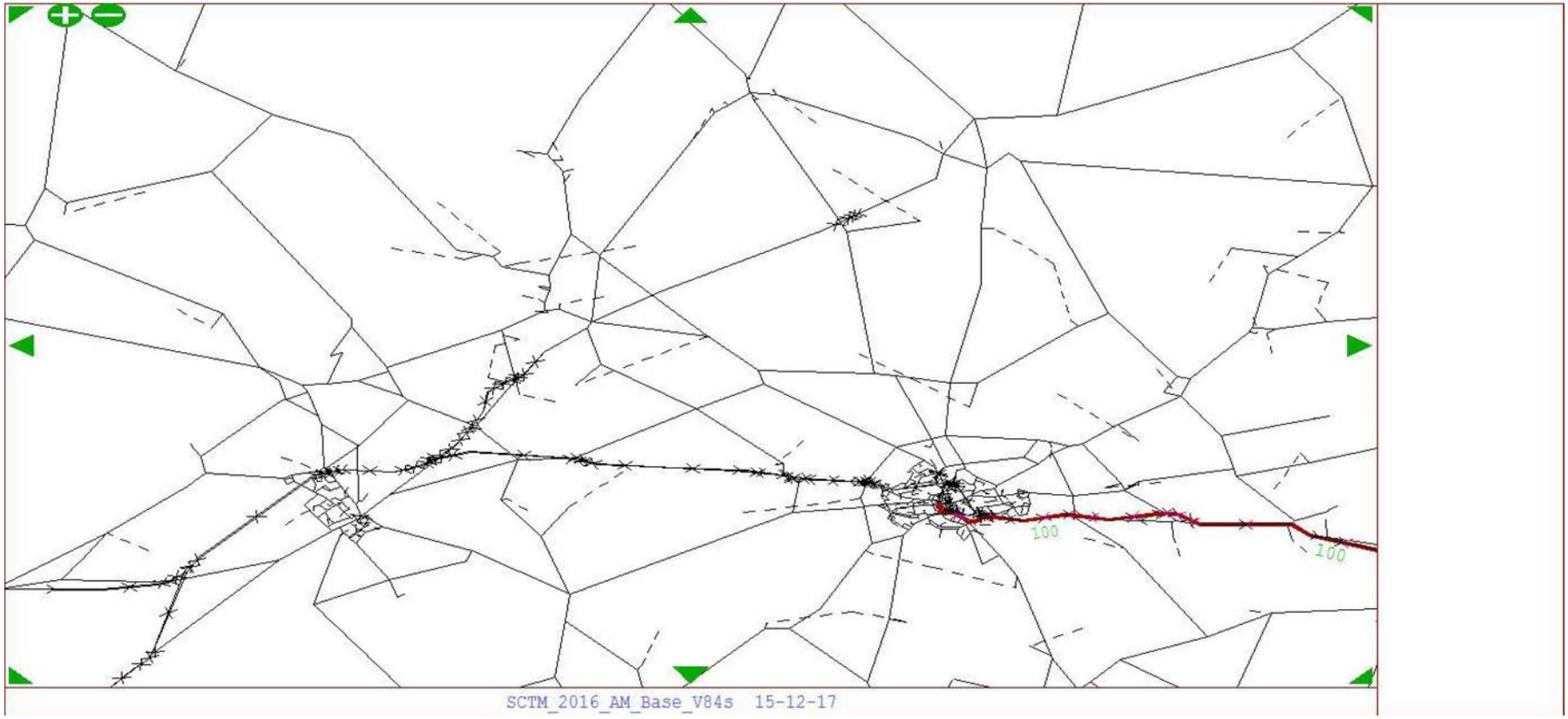
From Zone 412 To Zone 287 - User Class 10



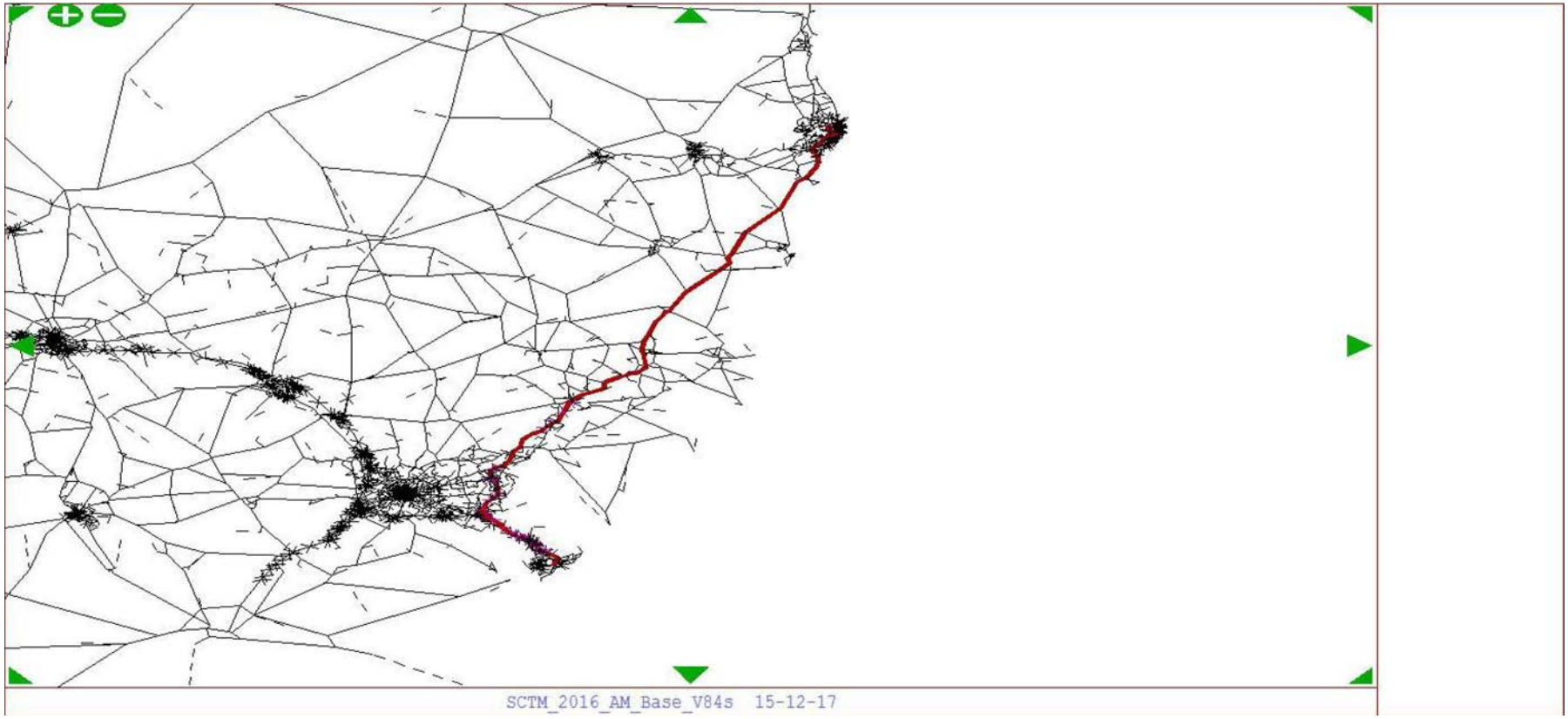
From Zone 146 To Zone 287 - User Class 2



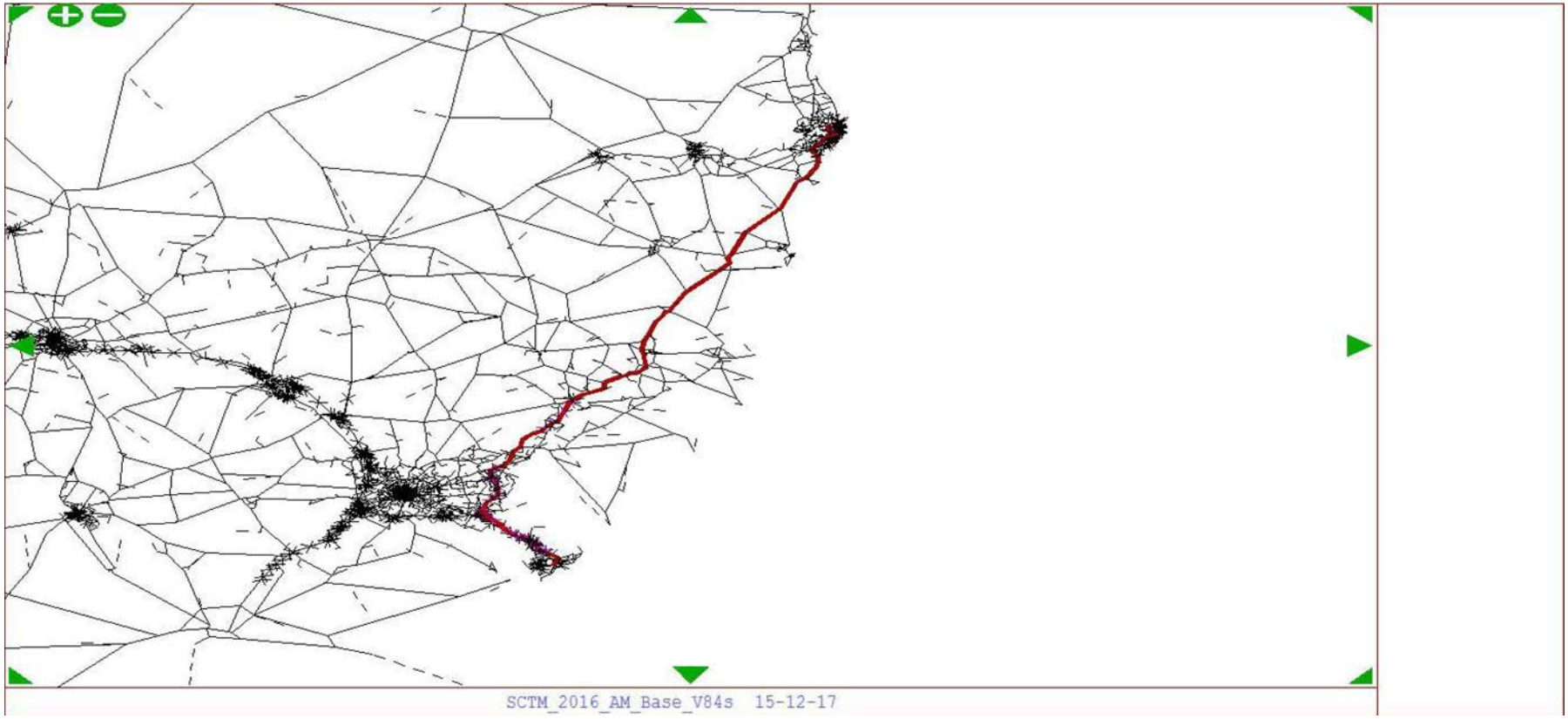
From Zone 146 To Zone 287 - User Class 10



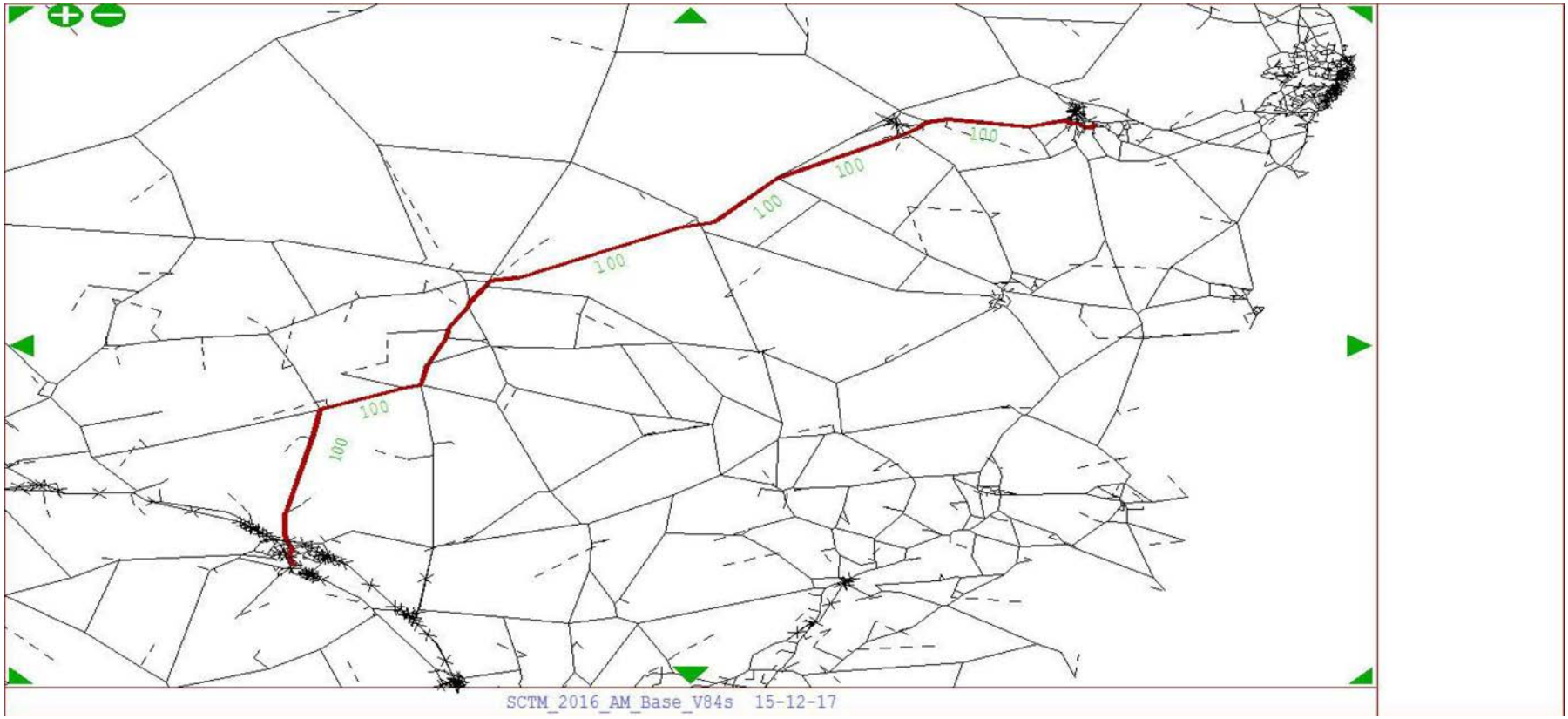
From Zone 391 To Zone 412 - User Class 2



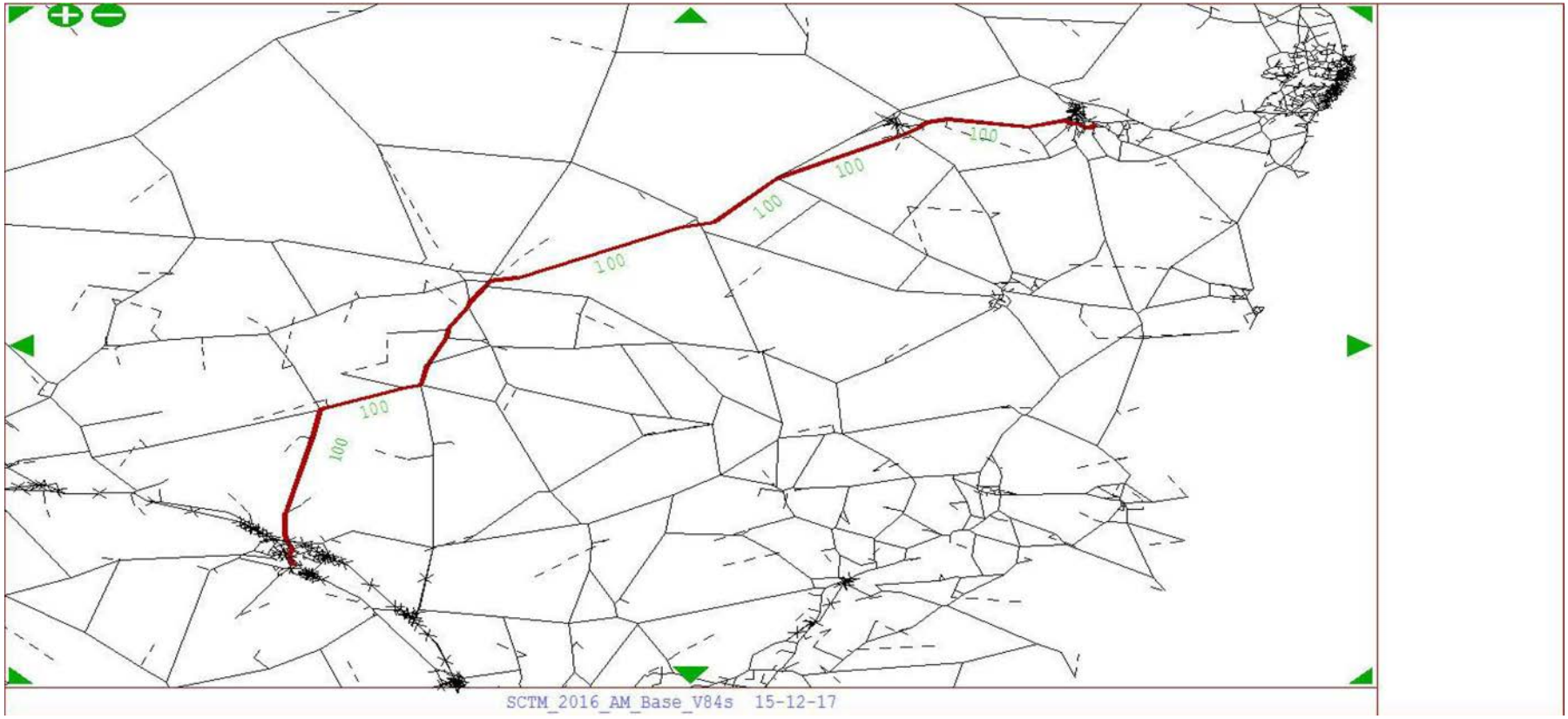
From Zone 391 To Zone 412 - User Class 10



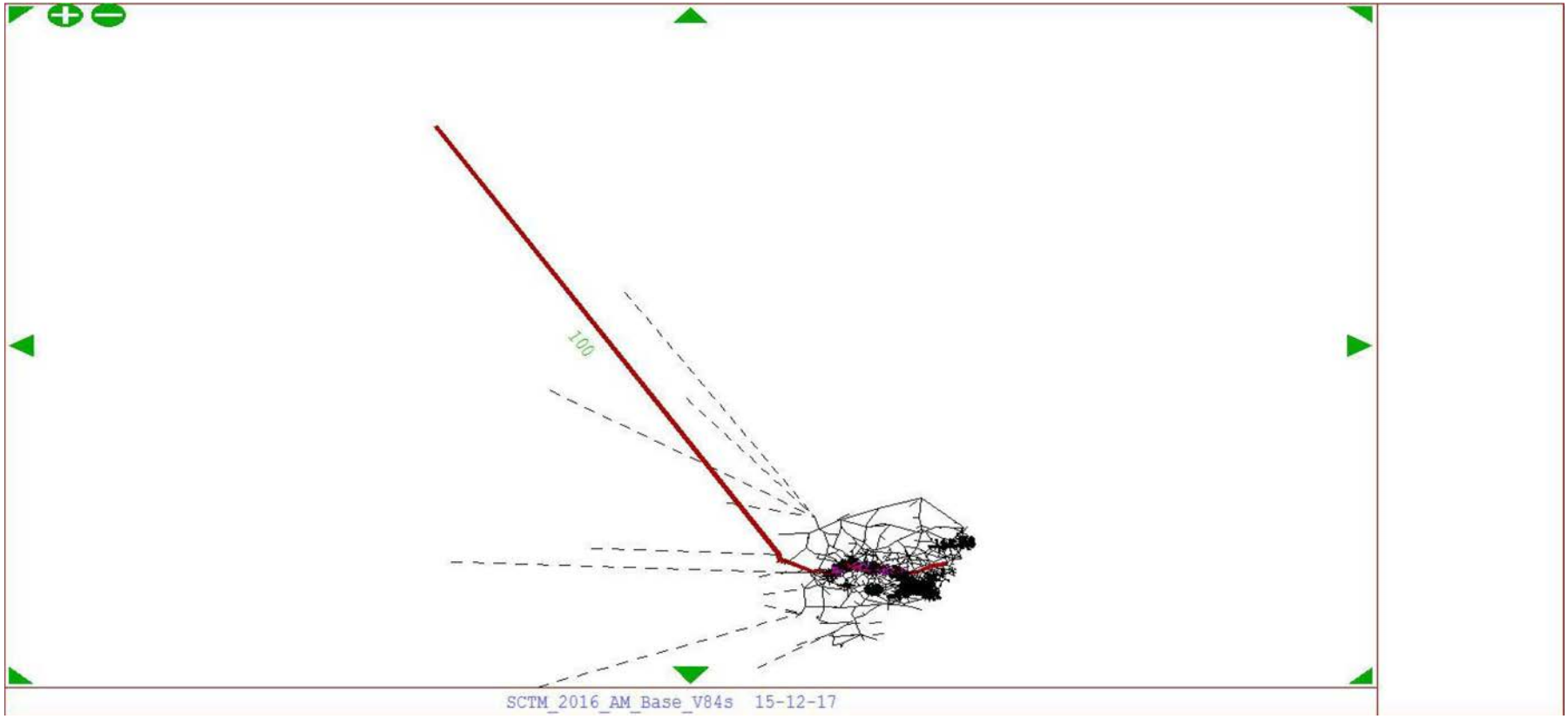
From Zone 455 To Zone 238 - User Class 2



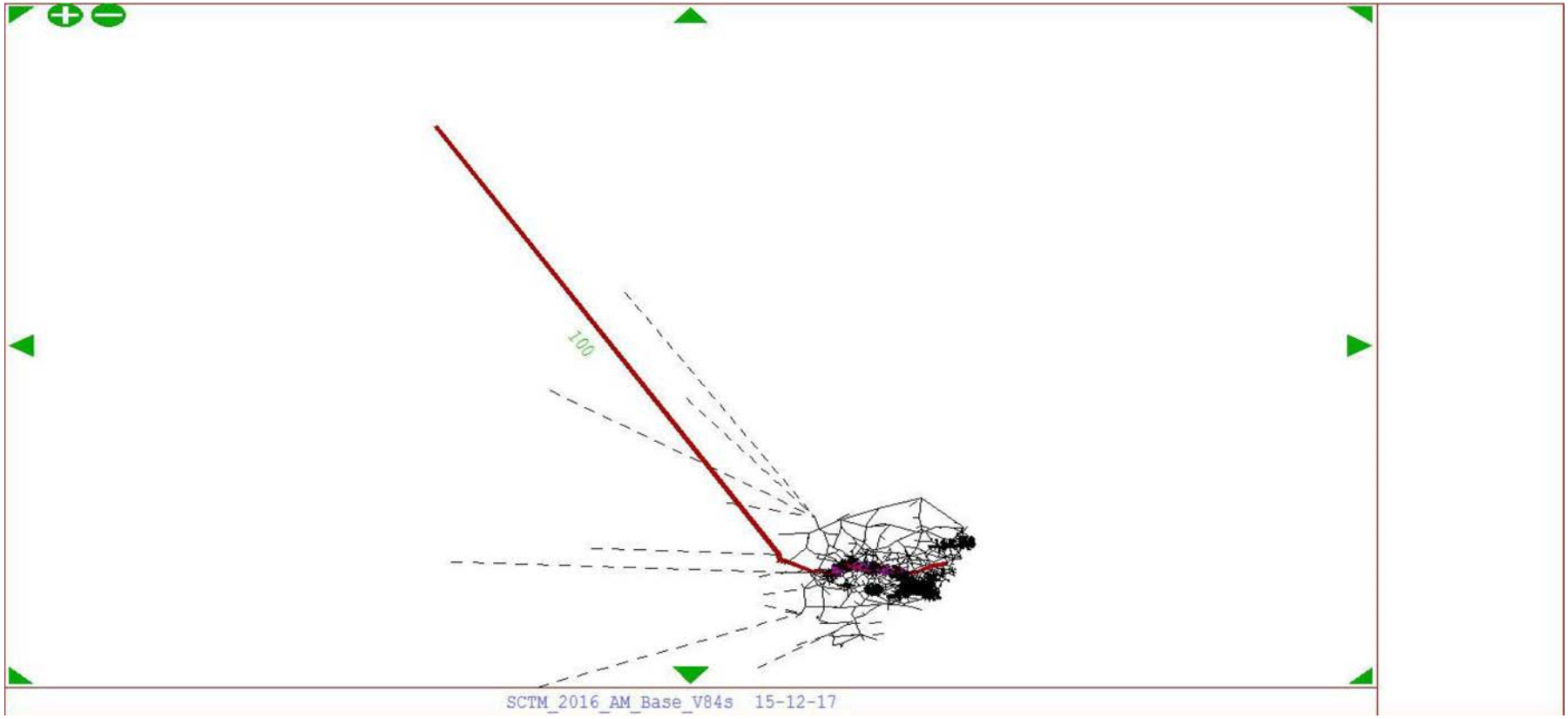
From Zone 455 To Zone 238 - User Class 10



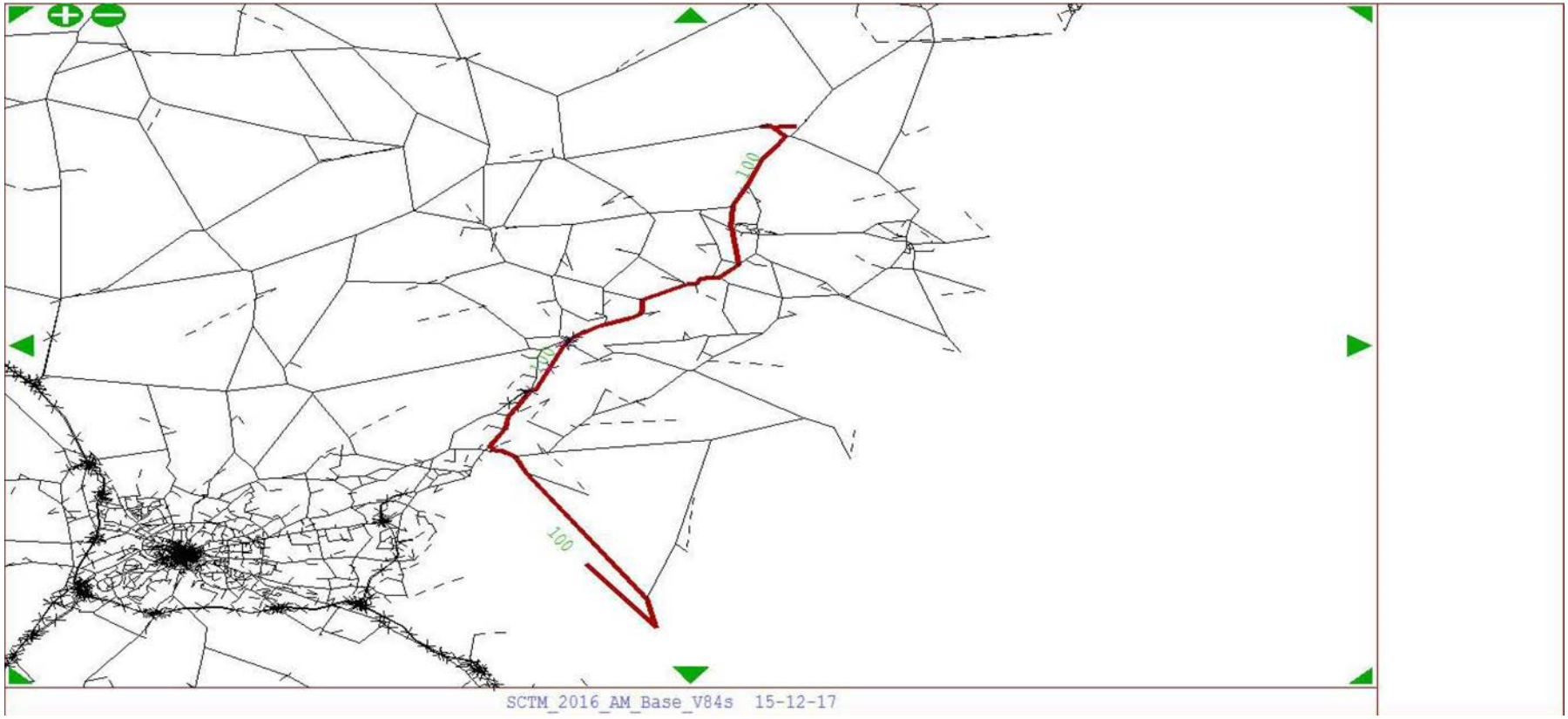
From Zone 332 To Zone 259 - User Class 2



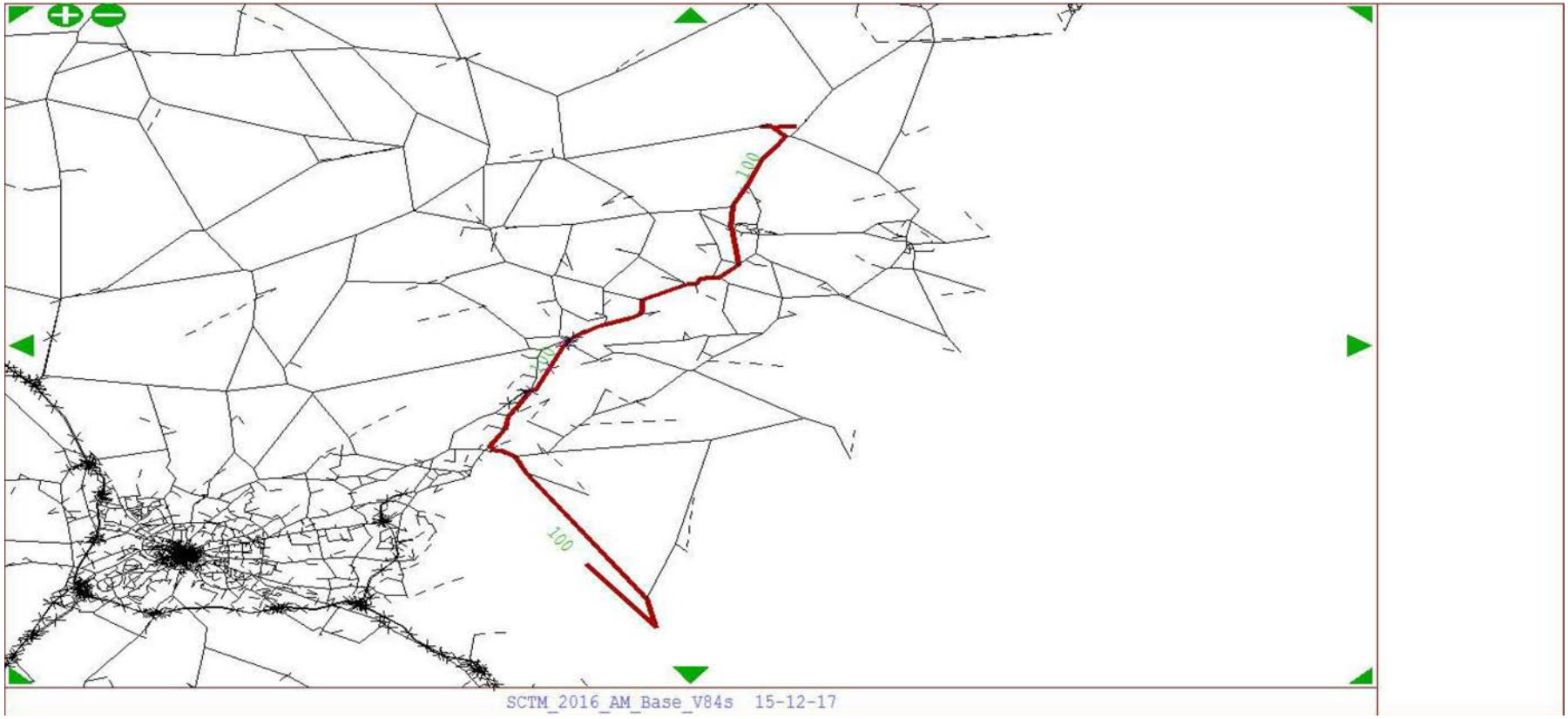
From Zone 332 To Zone 259 - User Class 10



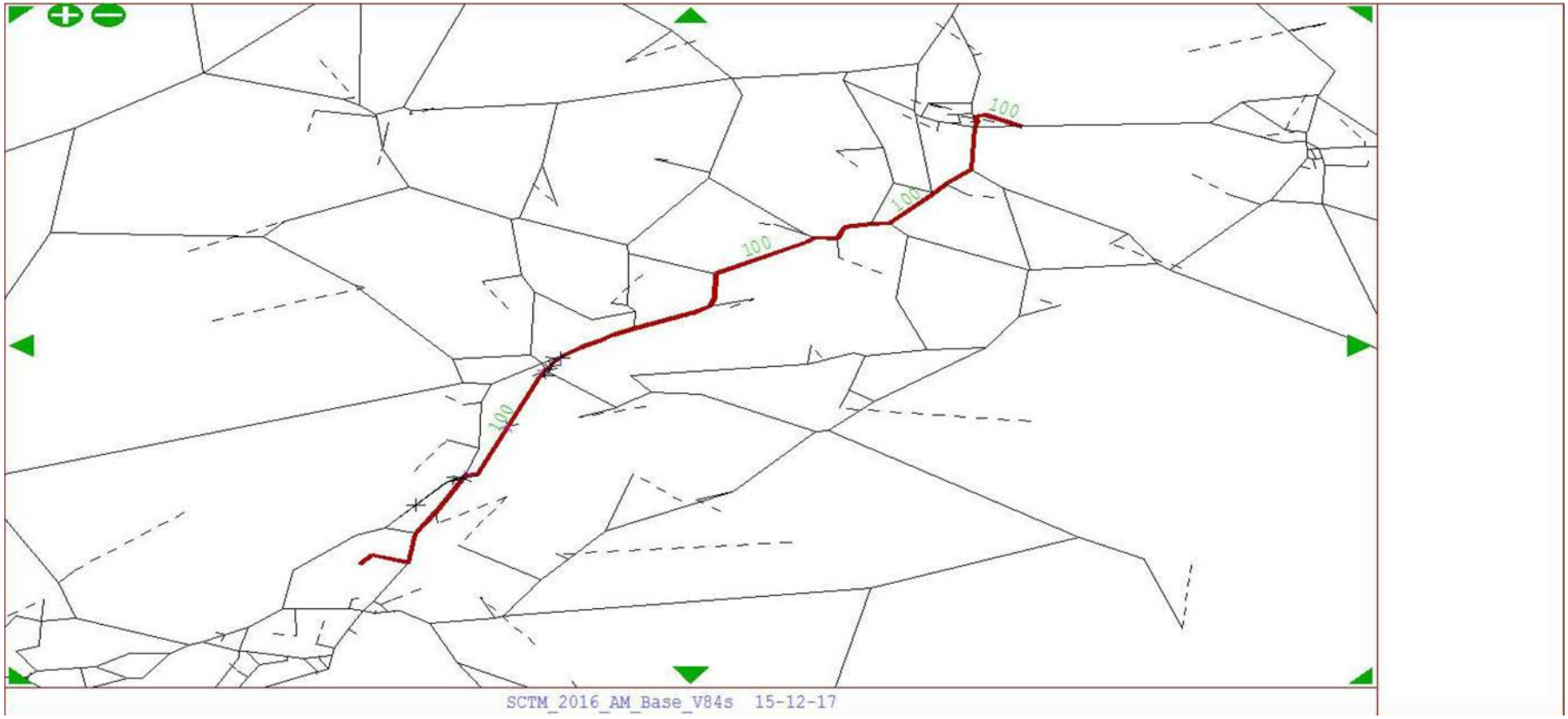
From Zone 359 To Zone 332 - User Class 2



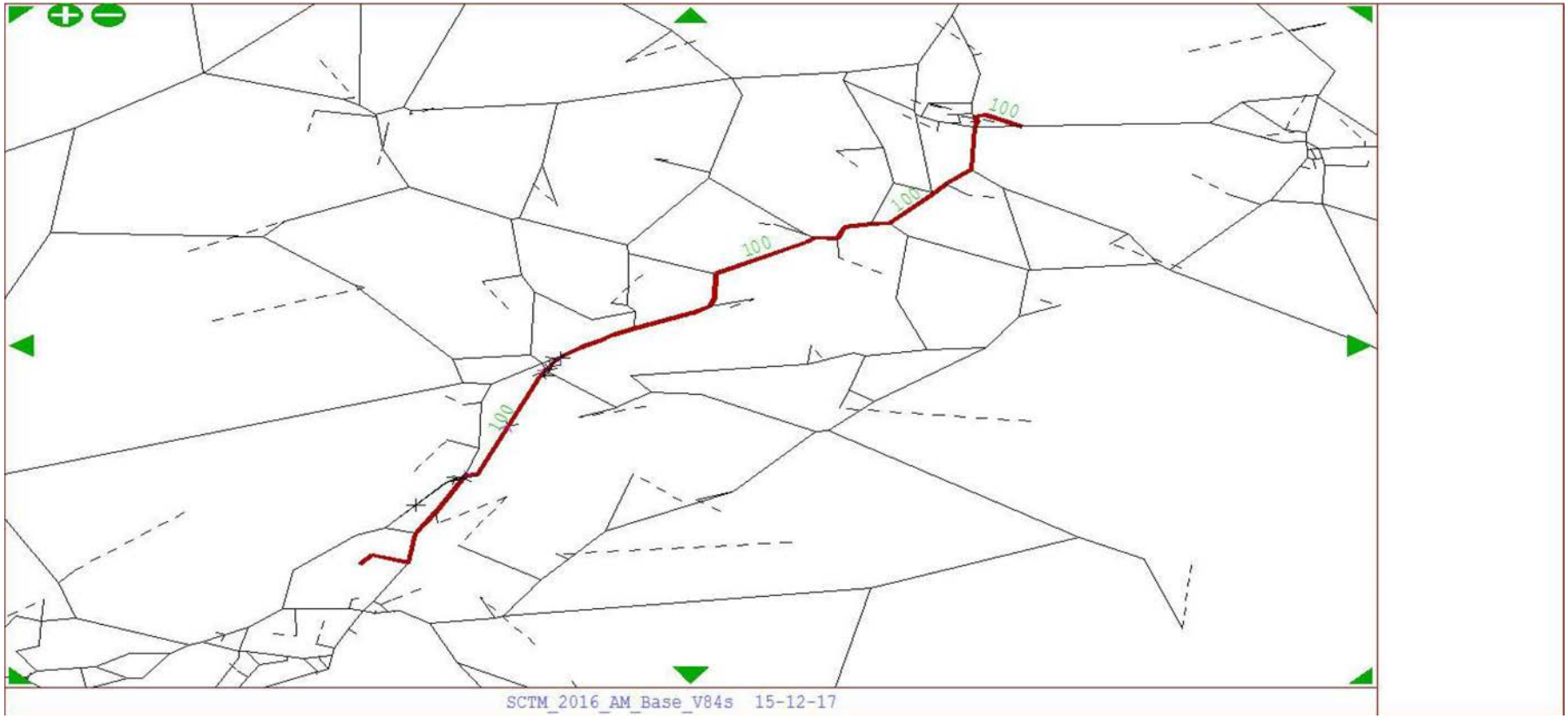
From Zone 359 To Zone 332 - User Class 10



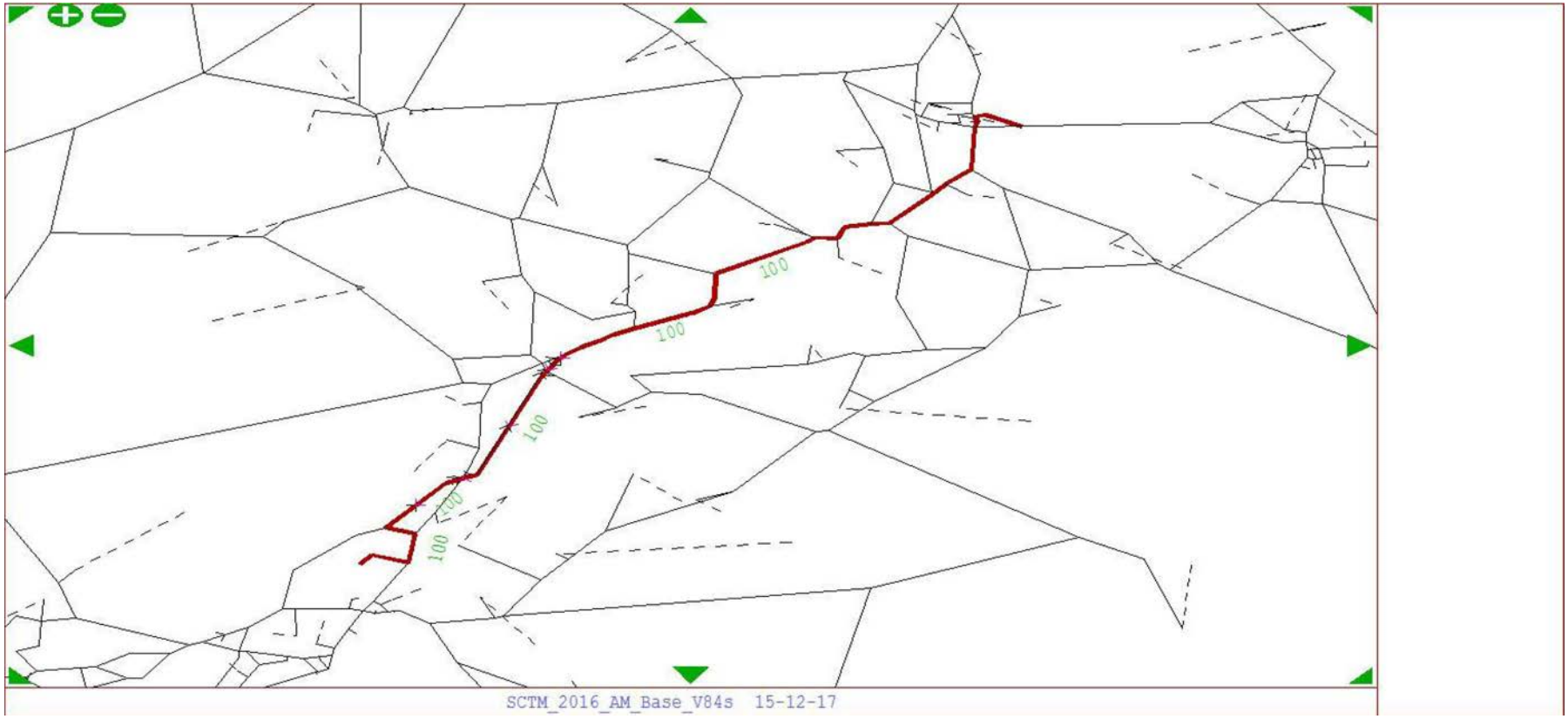
From Zone 348 To Zone 897 - User Class 2



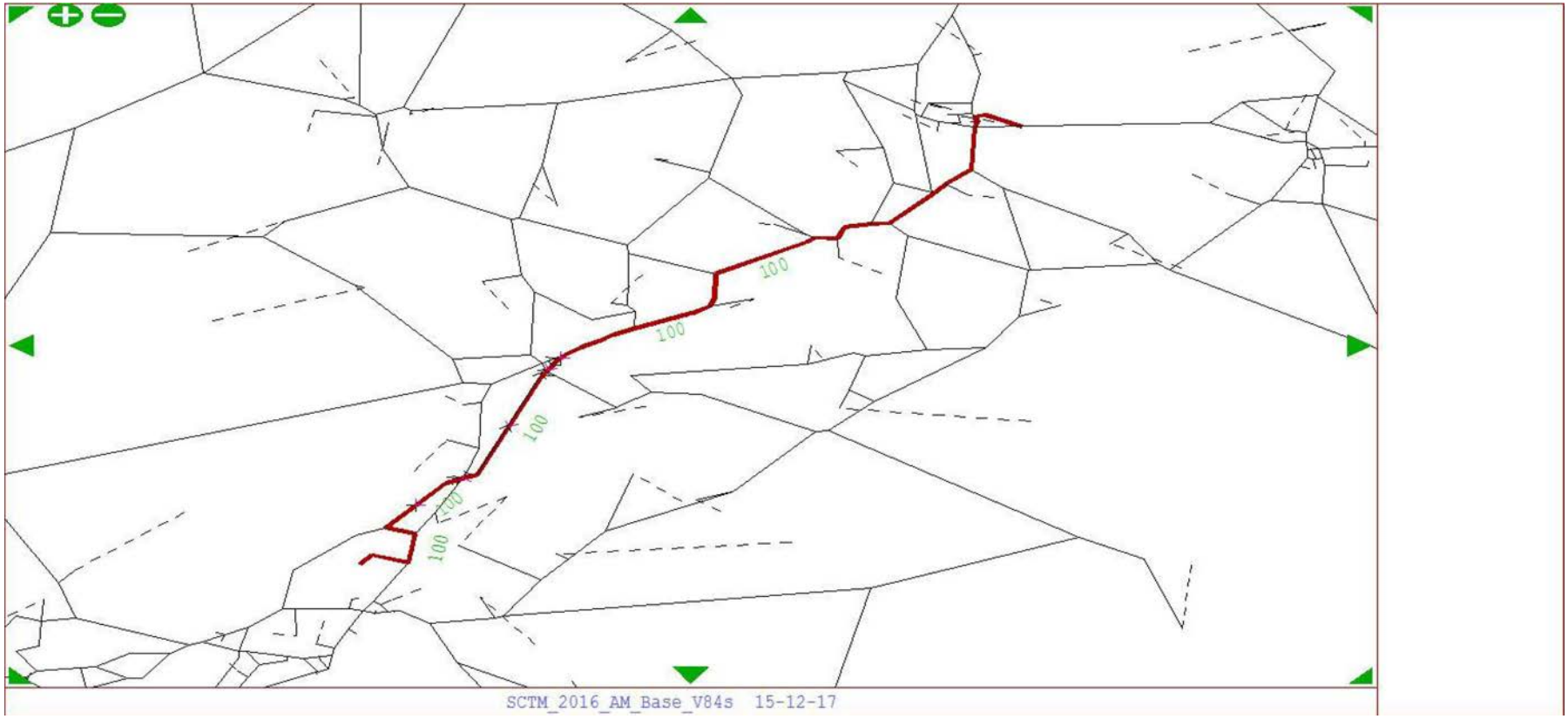
From Zone 348 To Zone 897 - User Class 10



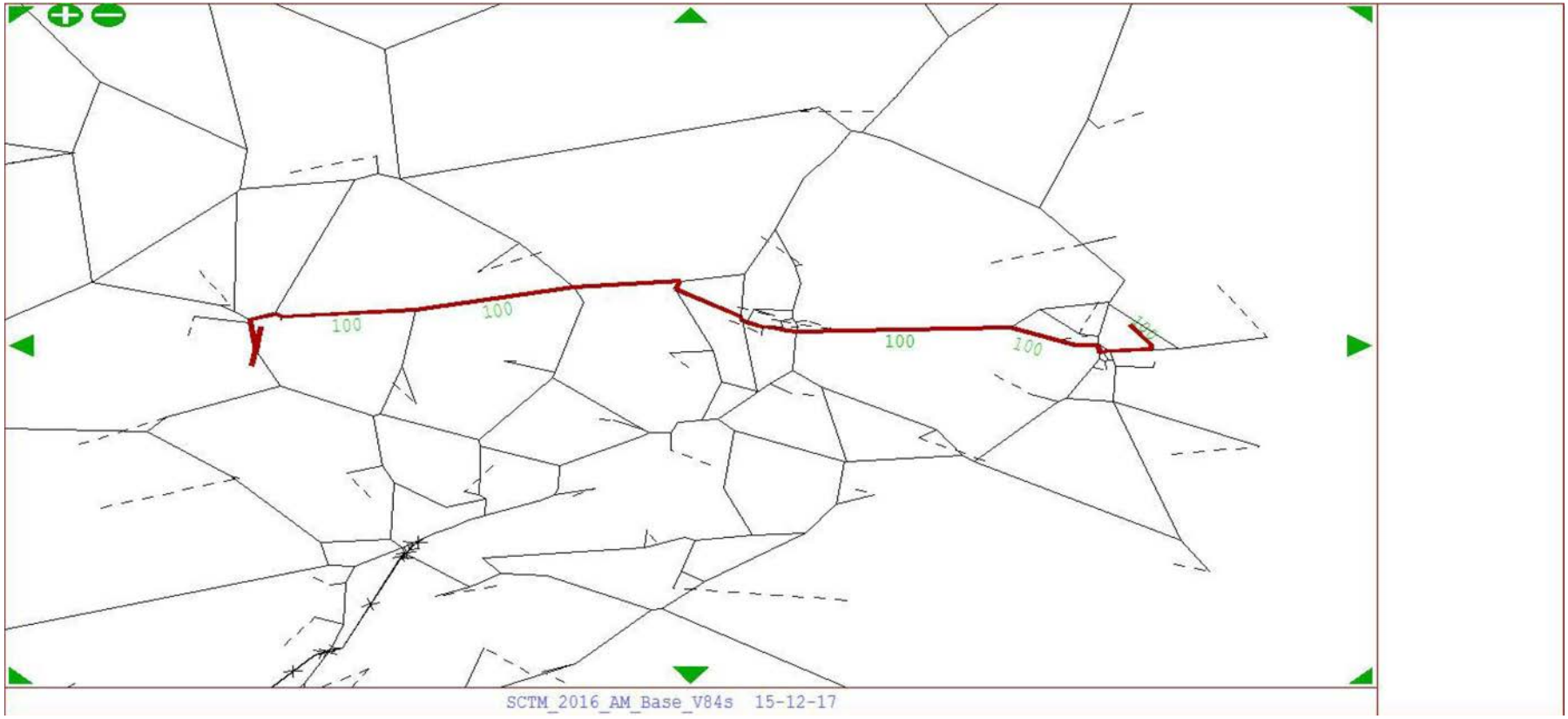
From Zone 897 To Zone 348 - User Class 2



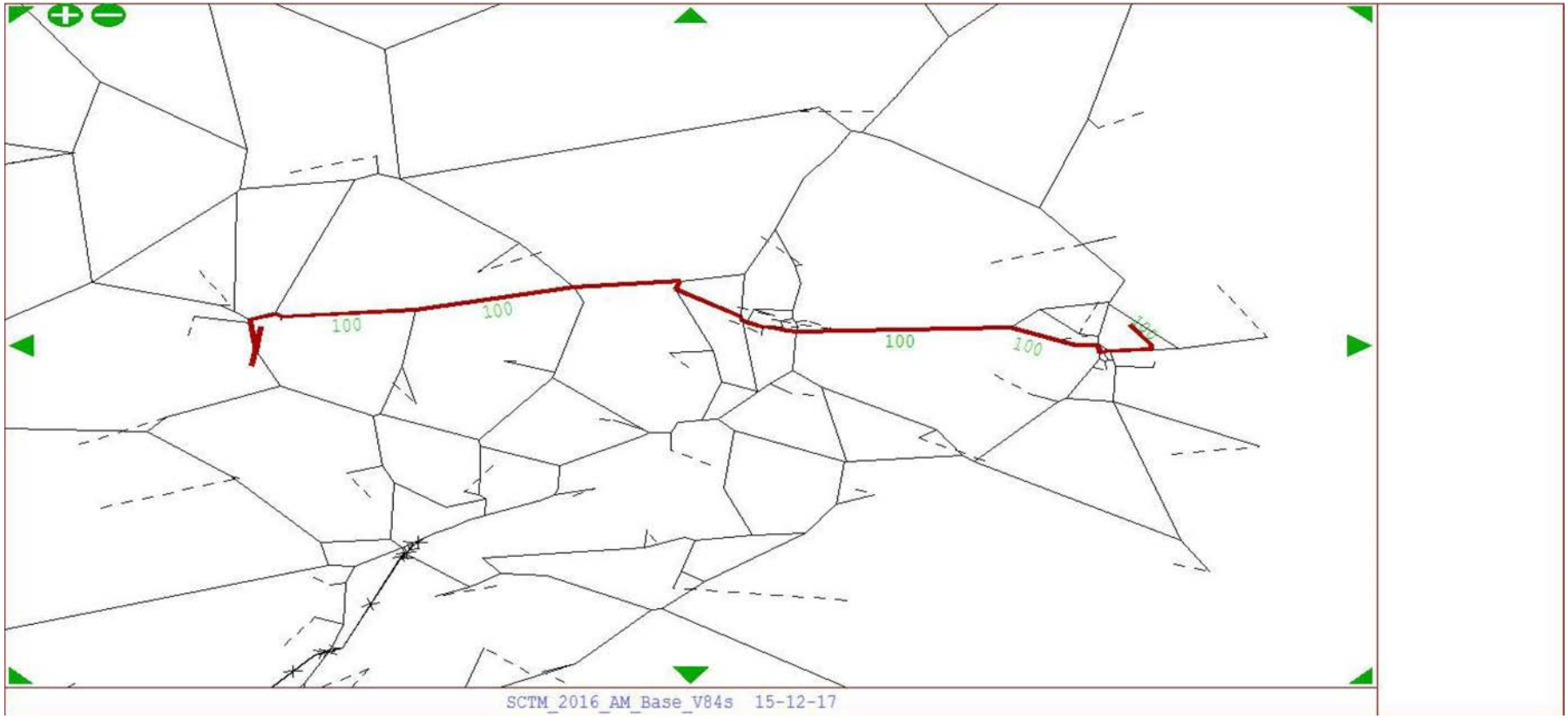
From Zone 897 To Zone 348 - User Class 10



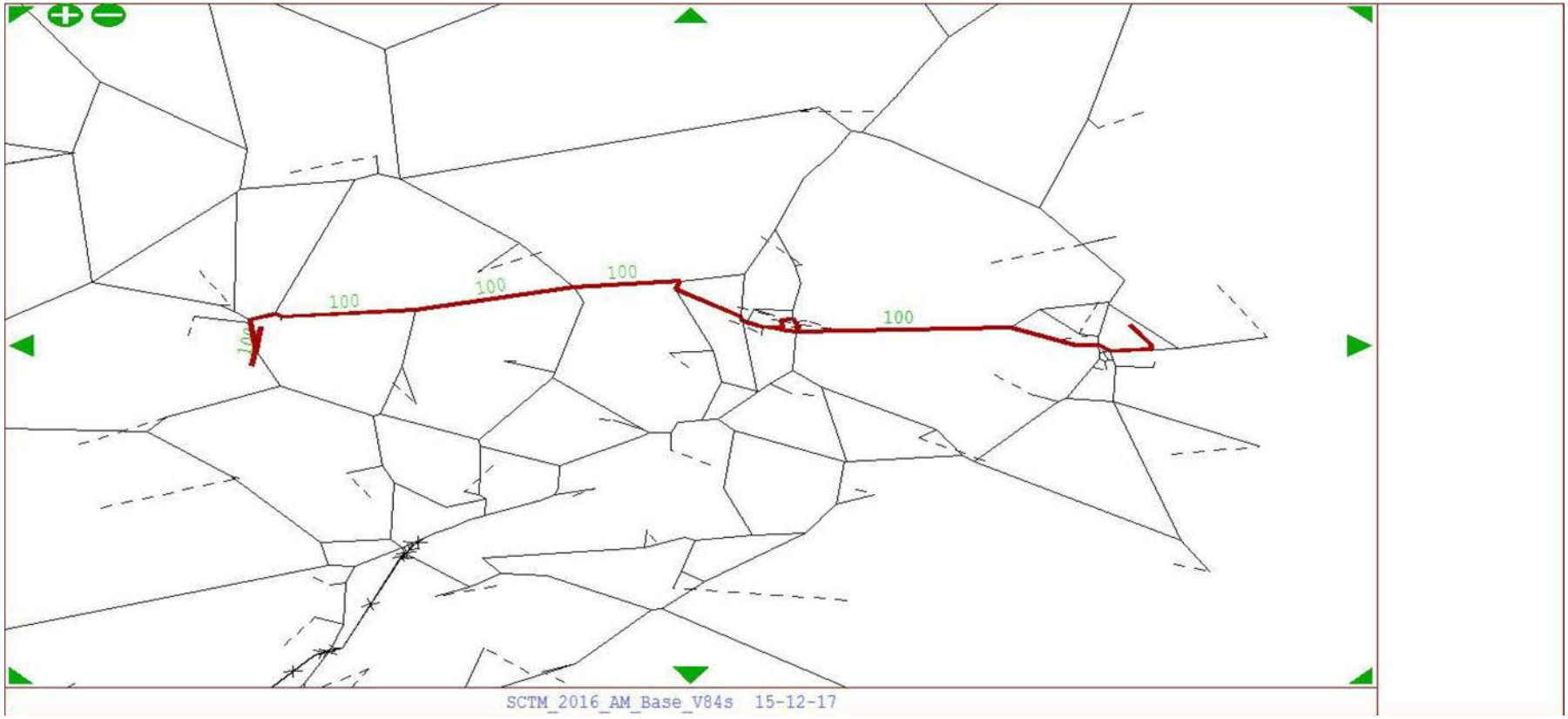
From Zone 902 To Zone 895 - User Class 2



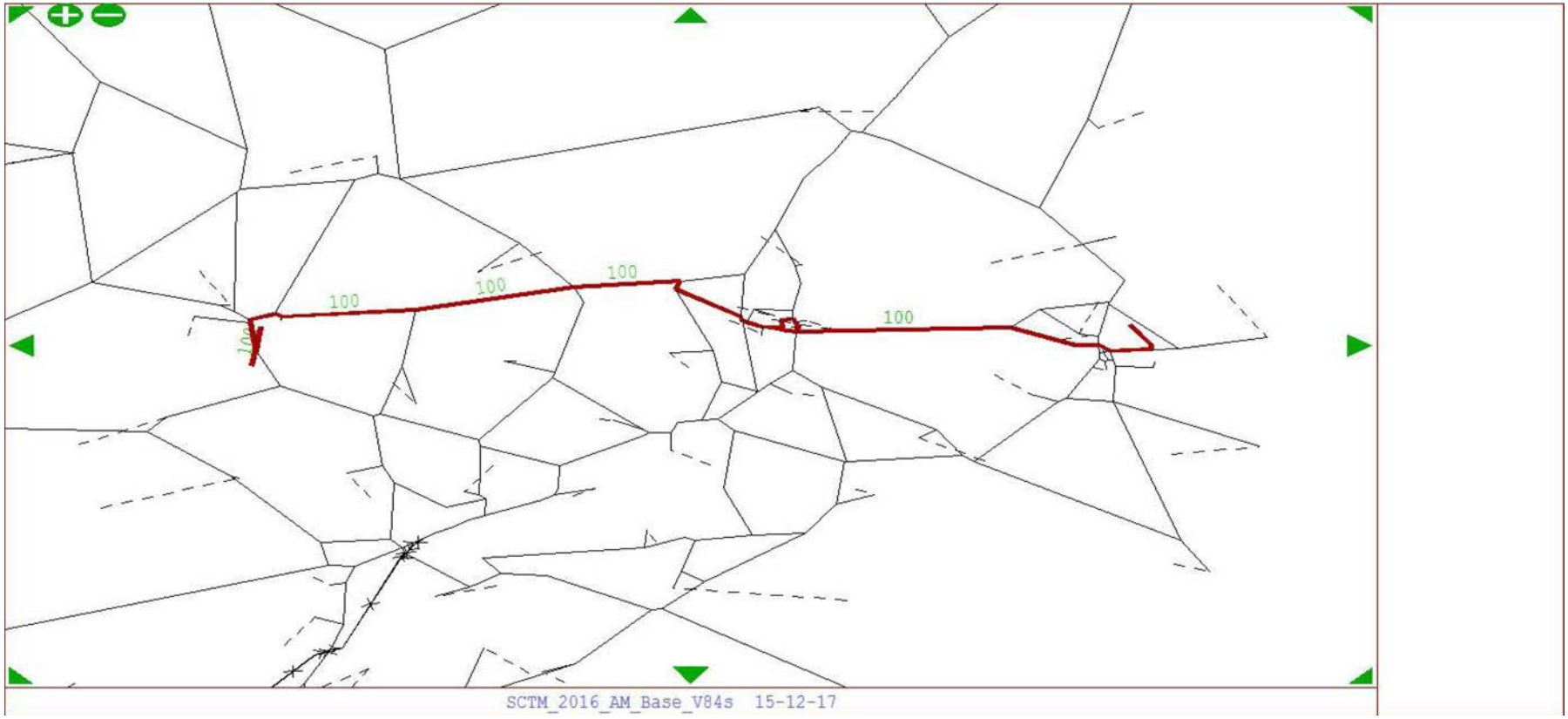
From Zone 902 To Zone 895 - User Class 10



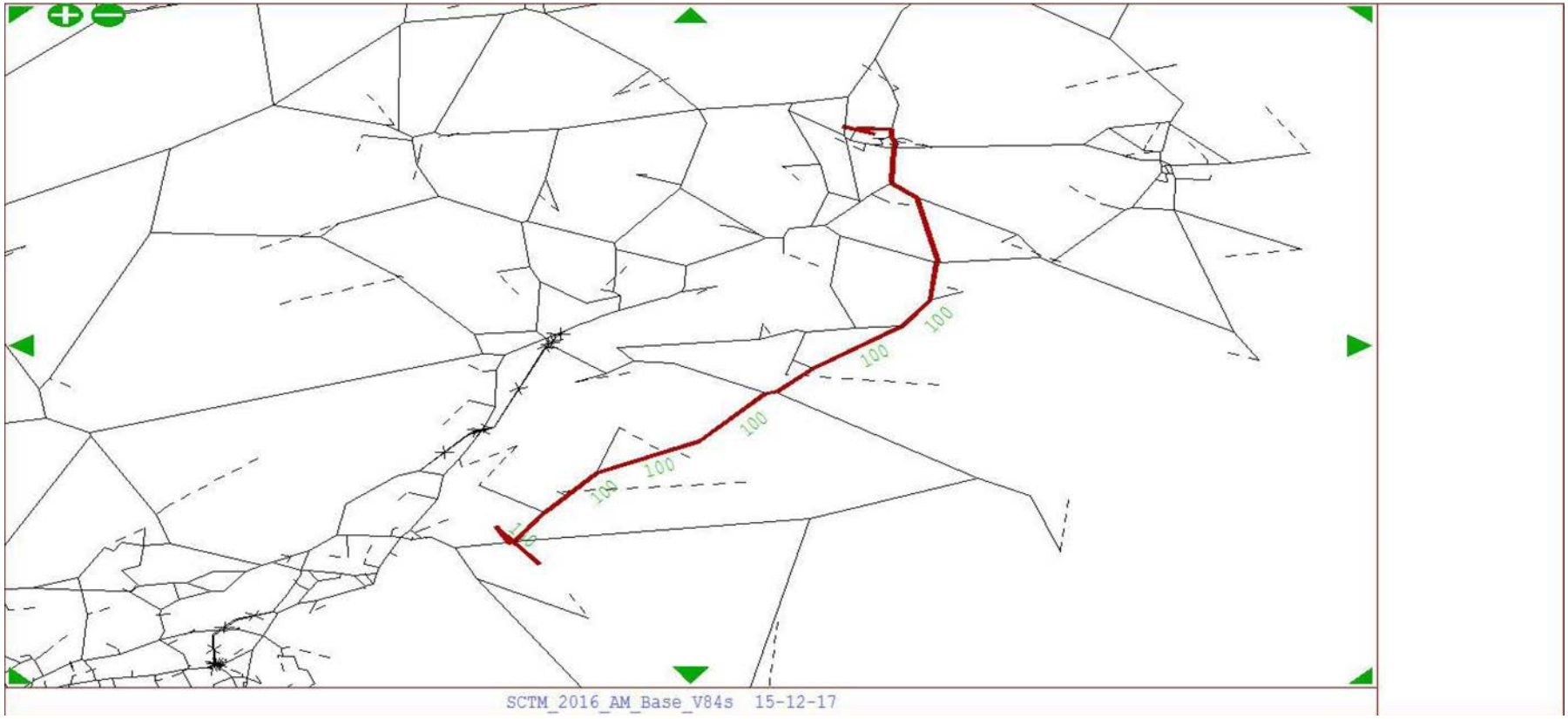
From Zone 895 To Zone 902 - User Class 2



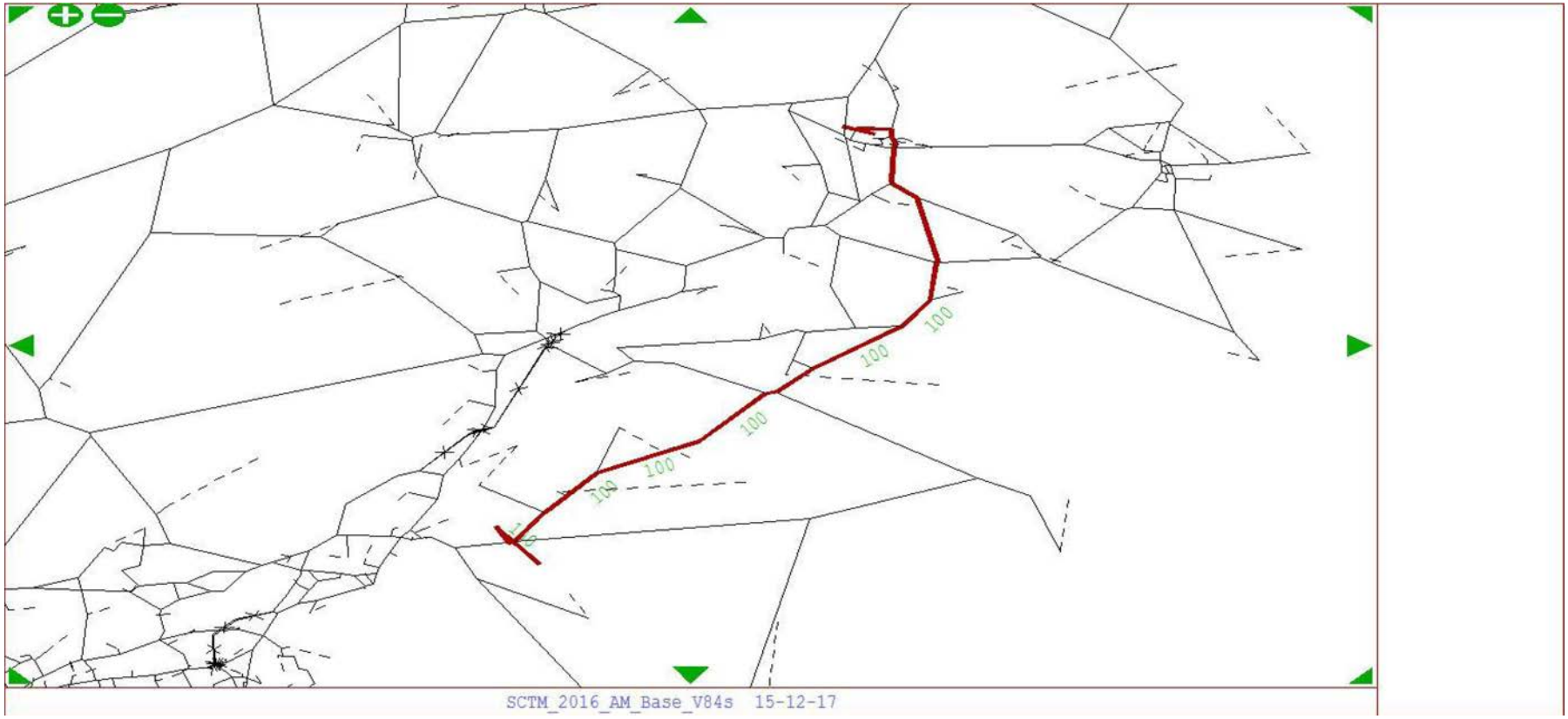
From Zone 895 To Zone 902 - User Class 10



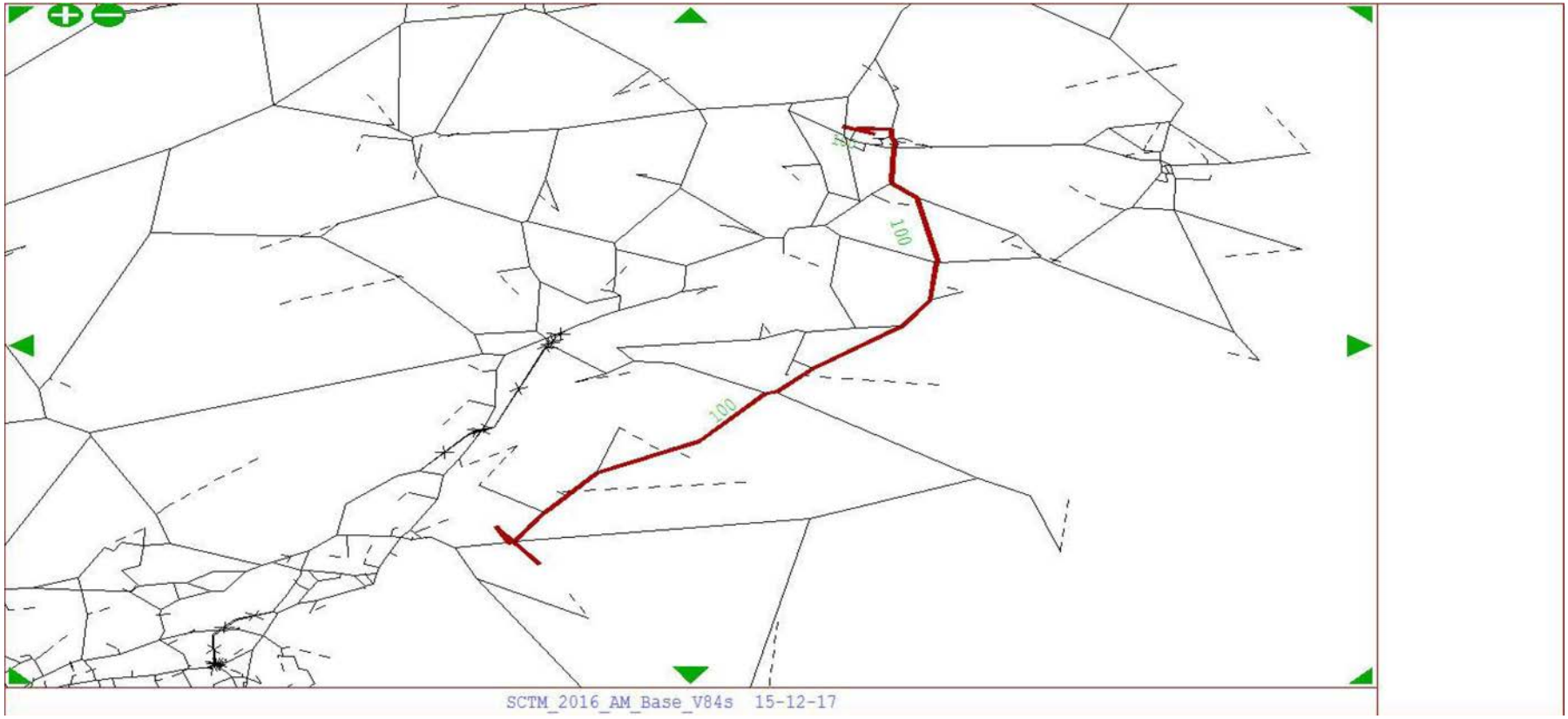
From Zone 896 To Zone 356 - User Class 2



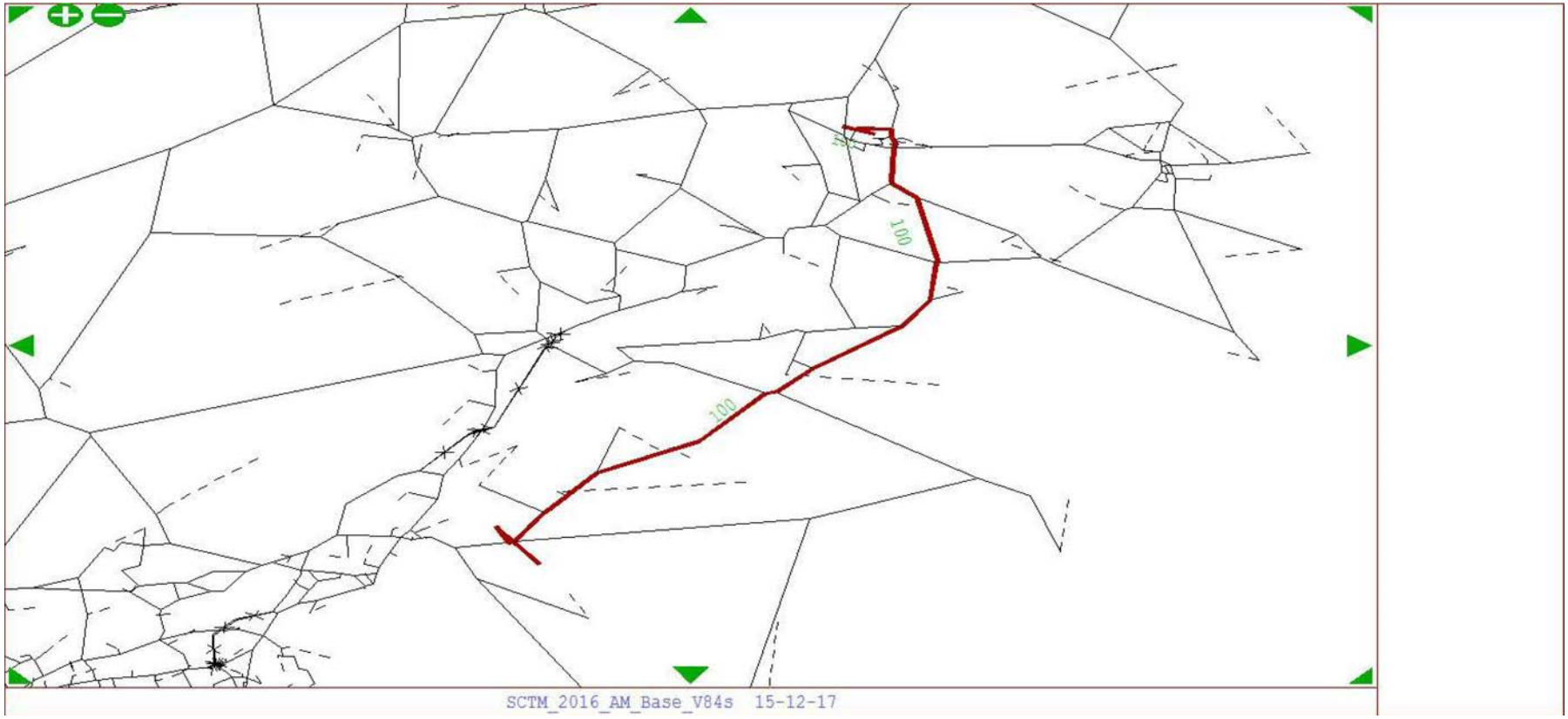
From Zone 896 To Zone 356 - User Class 10



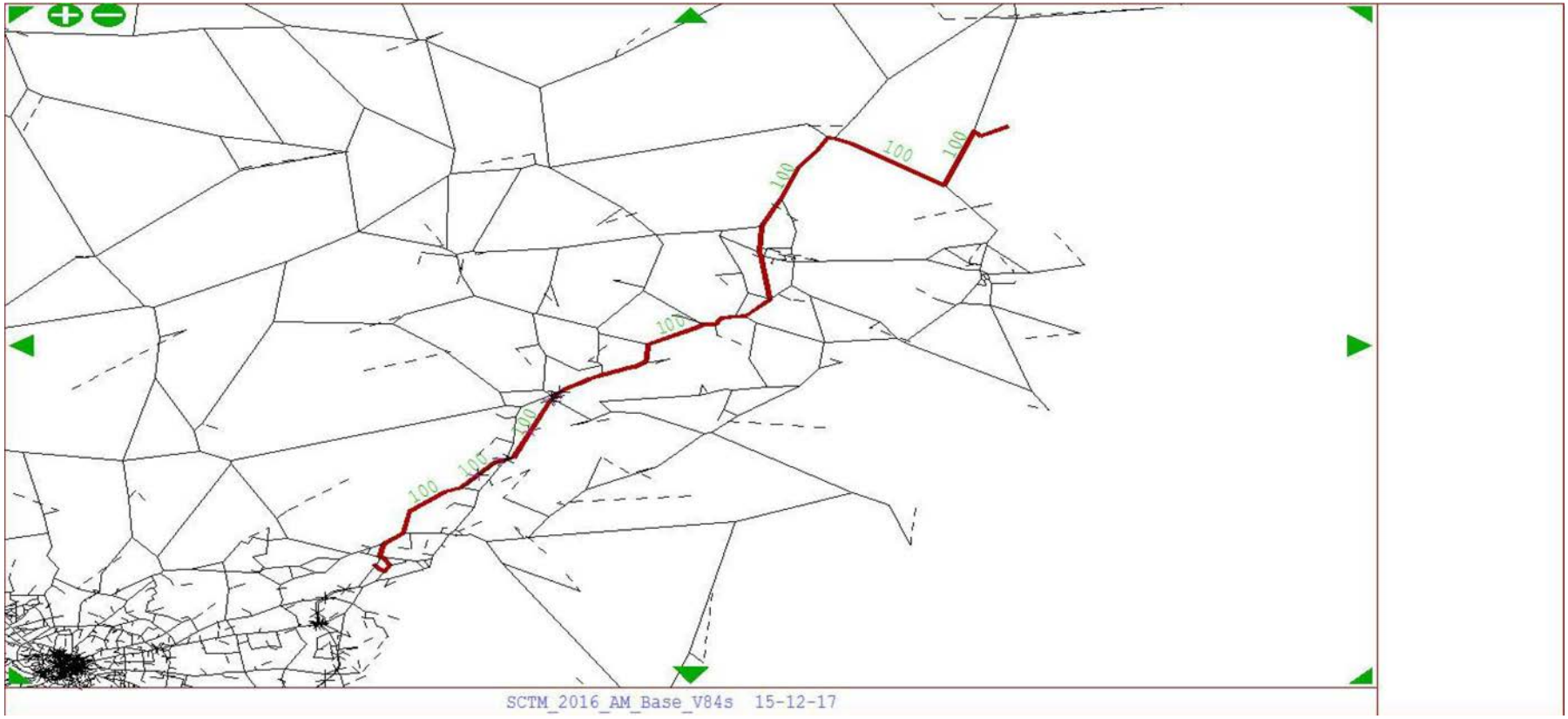
From Zone 356 To Zone 896 - User Class 2



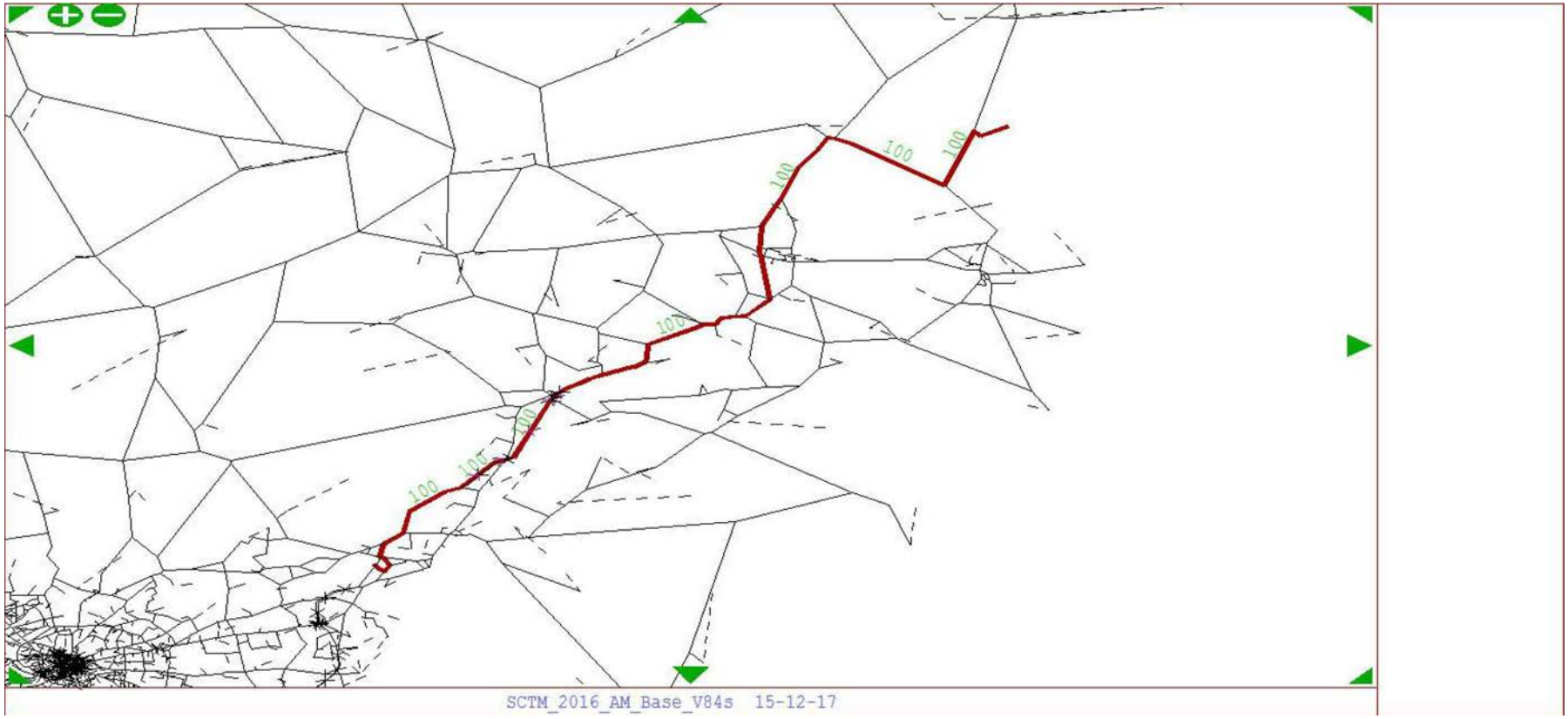
From Zone 356 To Zone 896 - User Class 10



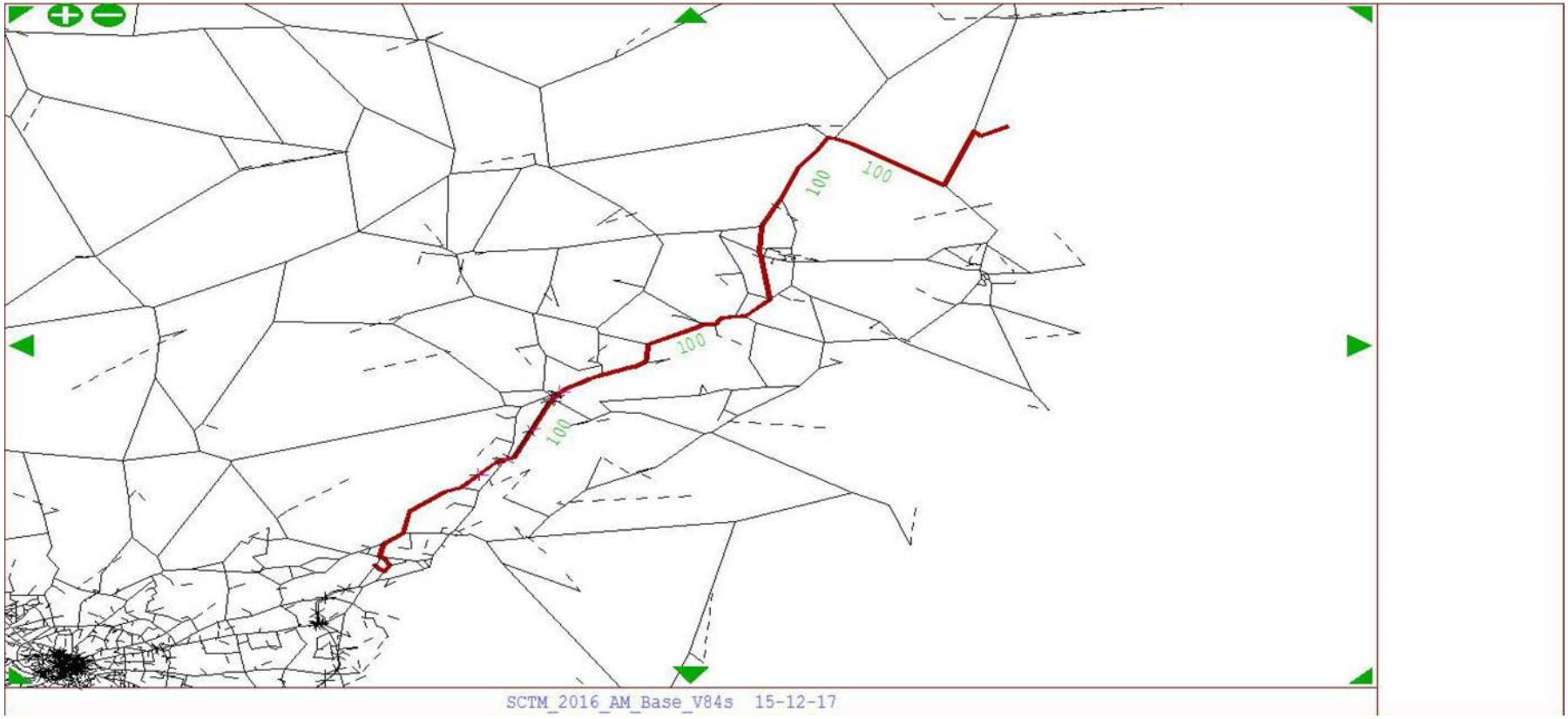
From Zone 362 To Zone 572 - User Class 2



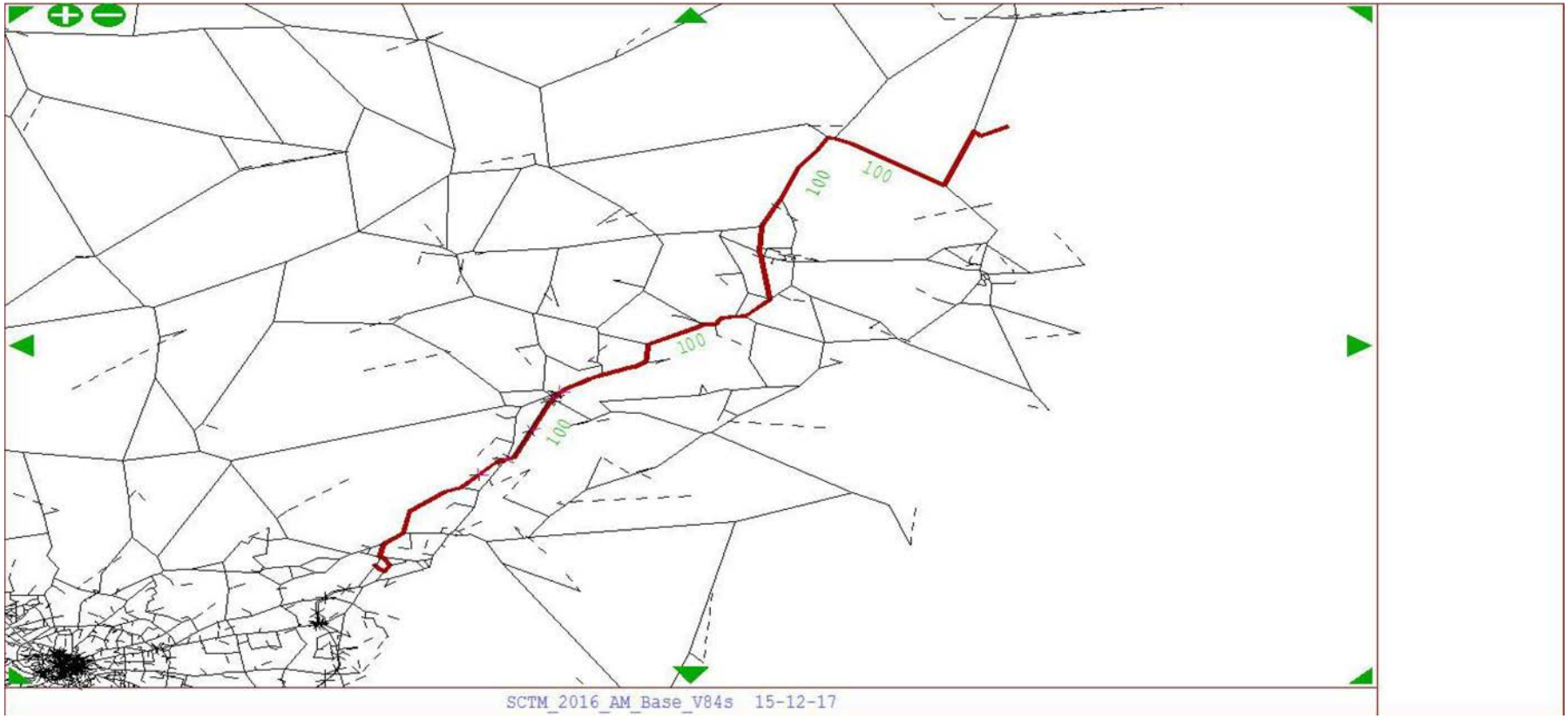
From Zone 362 To Zone 572 - User Class 10



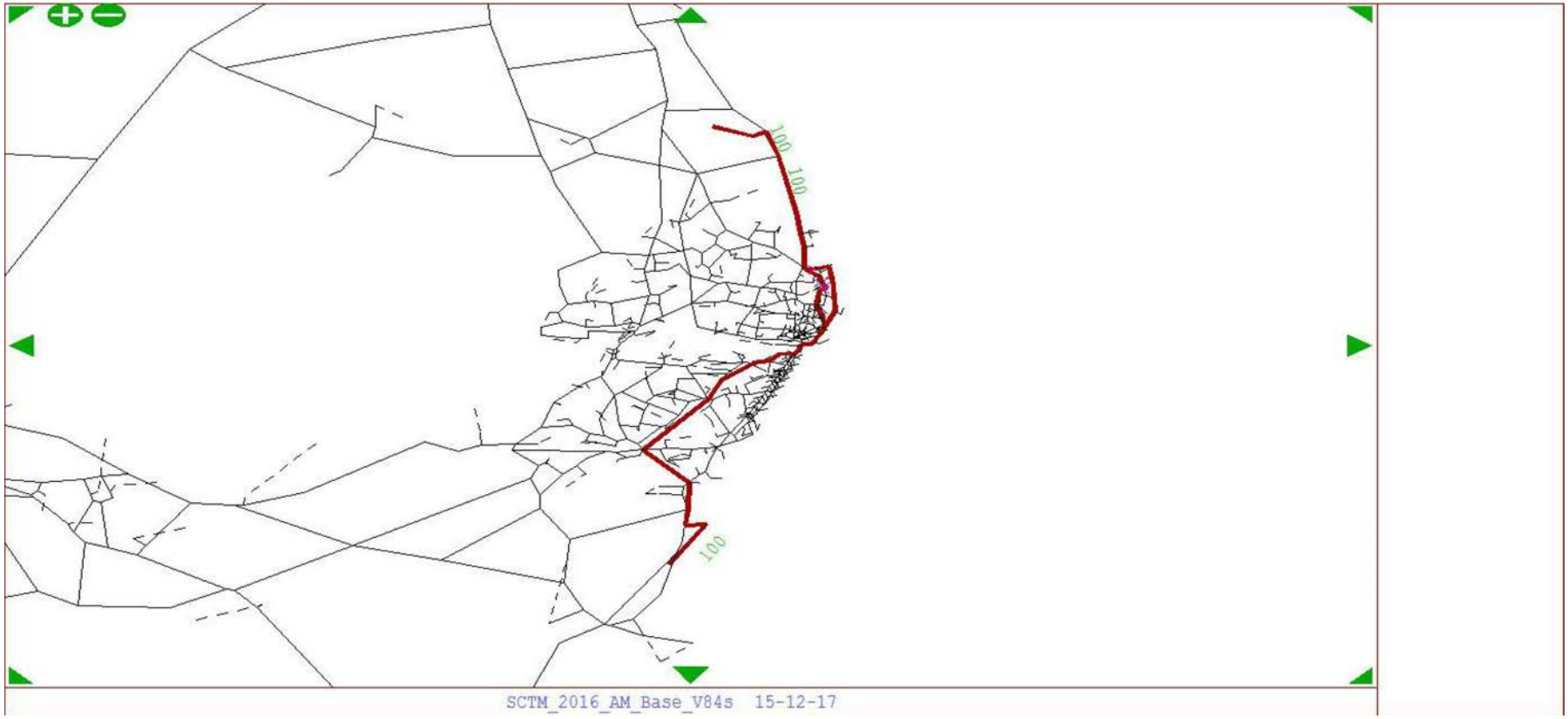
From Zone 572 To Zone 362 - User Class 2



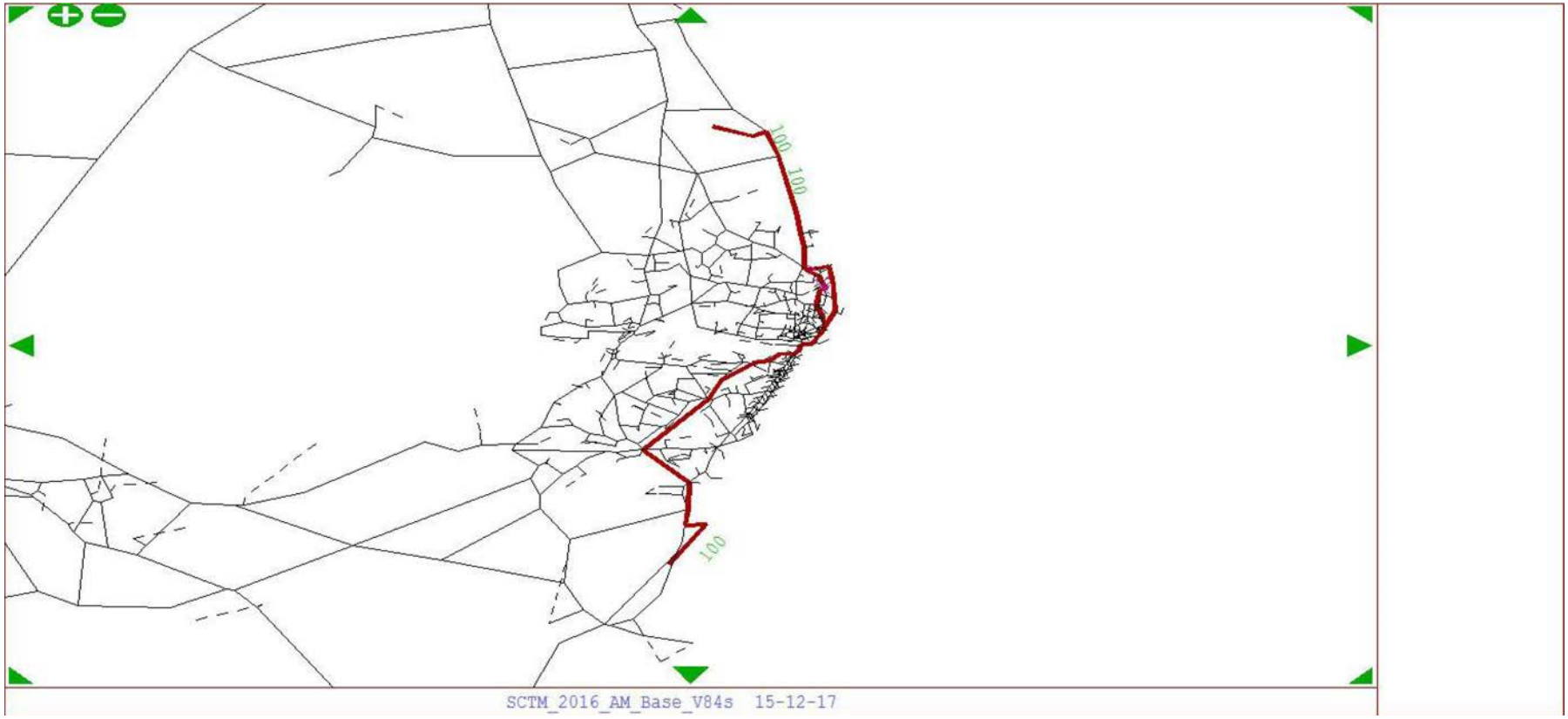
From Zone 572 To Zone 362 - User Class 10



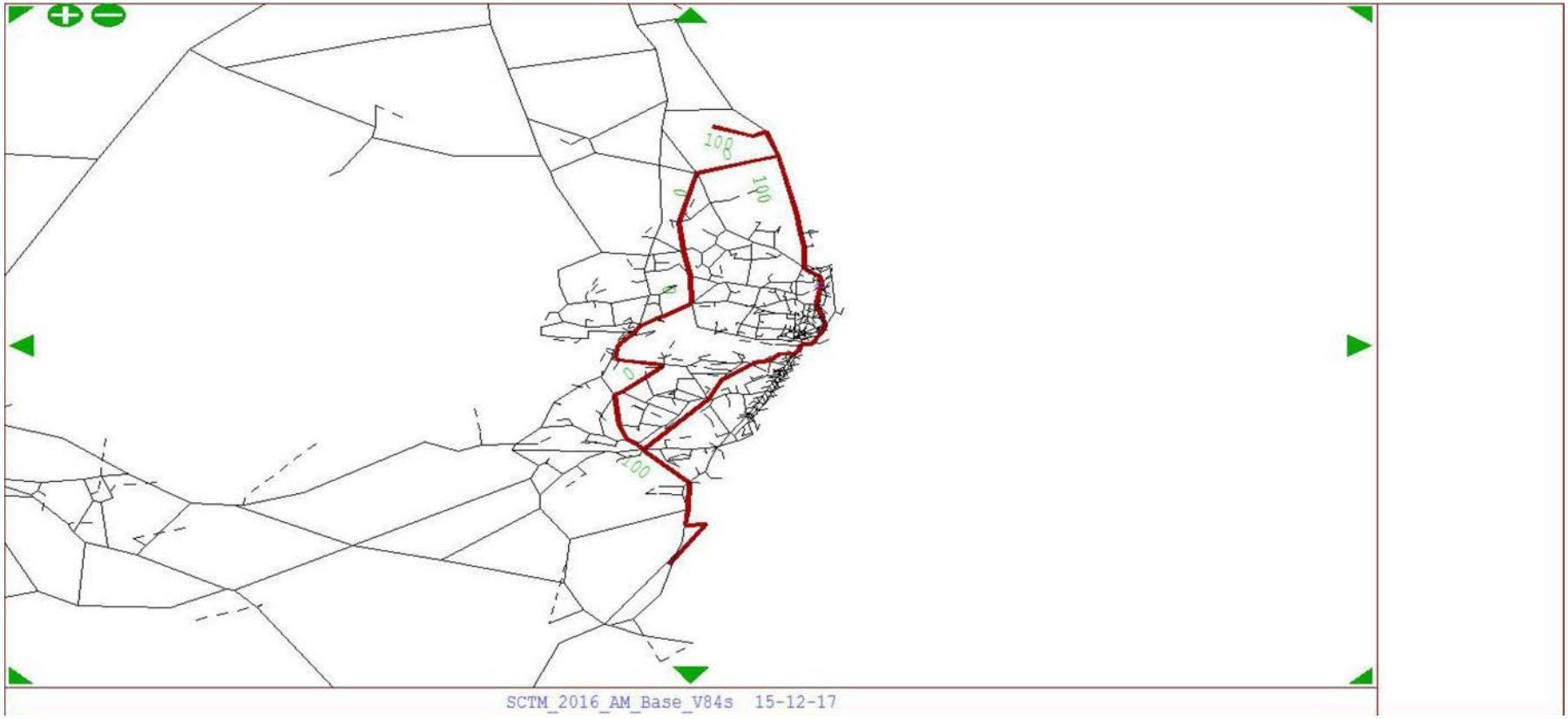
From Zone 408 To Zone 465 - User Class 2



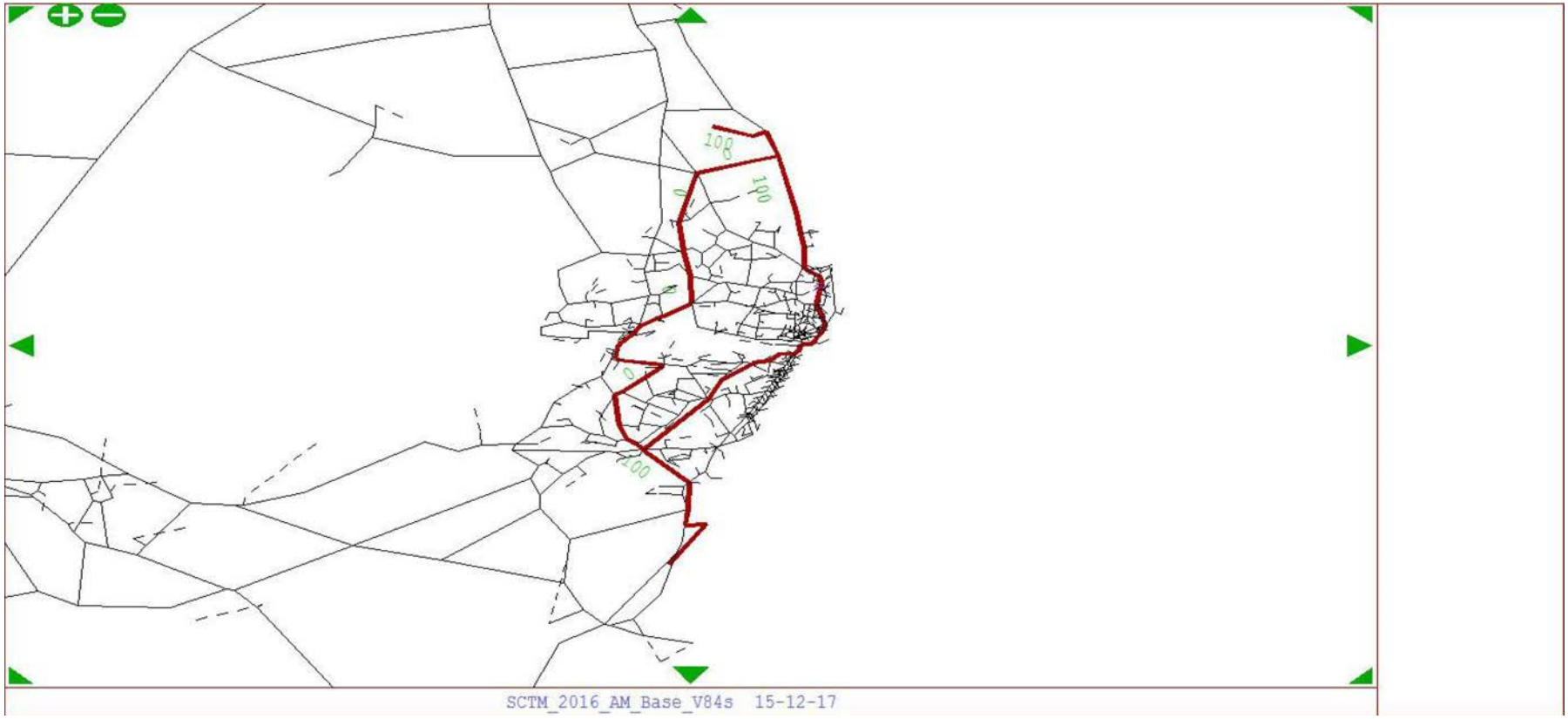
From Zone 408 To Zone 465 - User Class 10



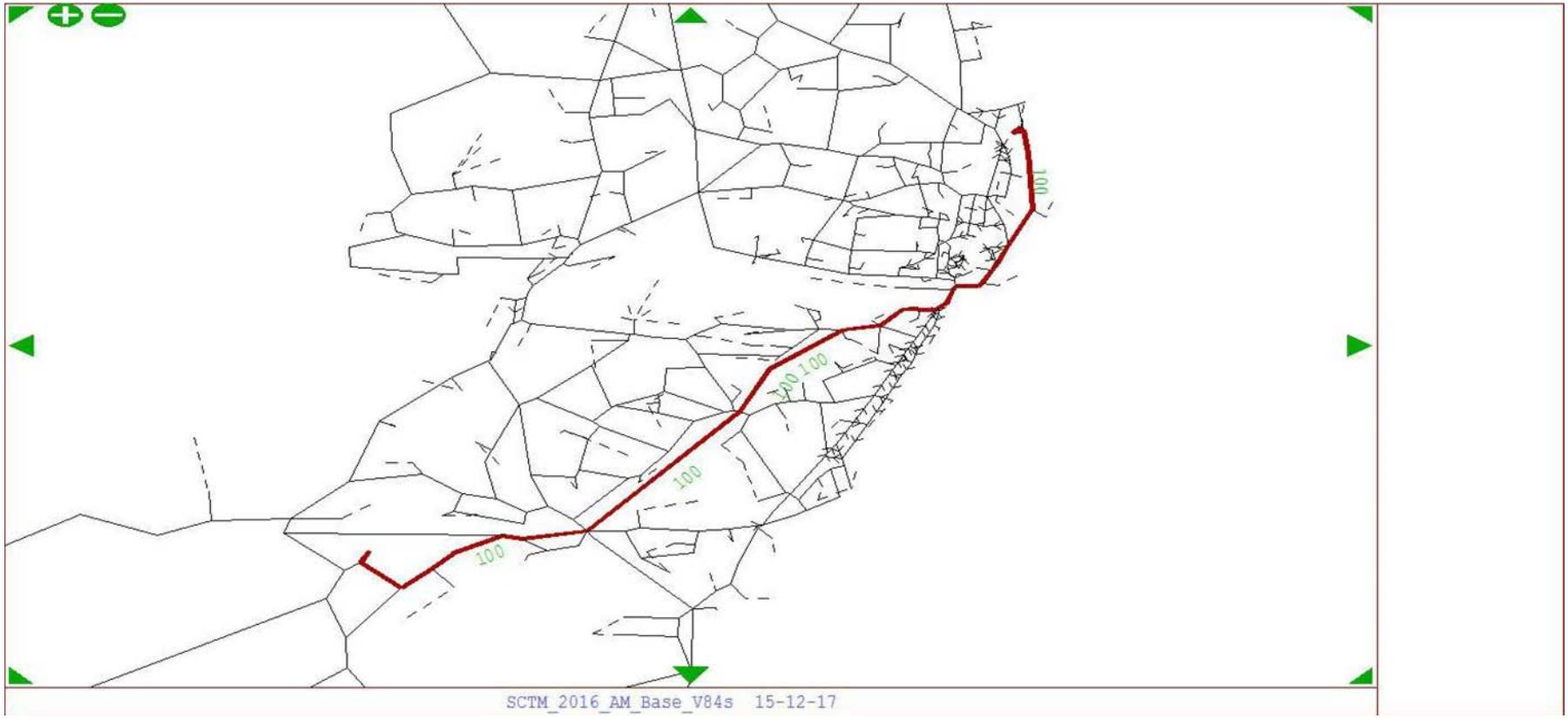
From Zone 465 To Zone 408 - User Class 2



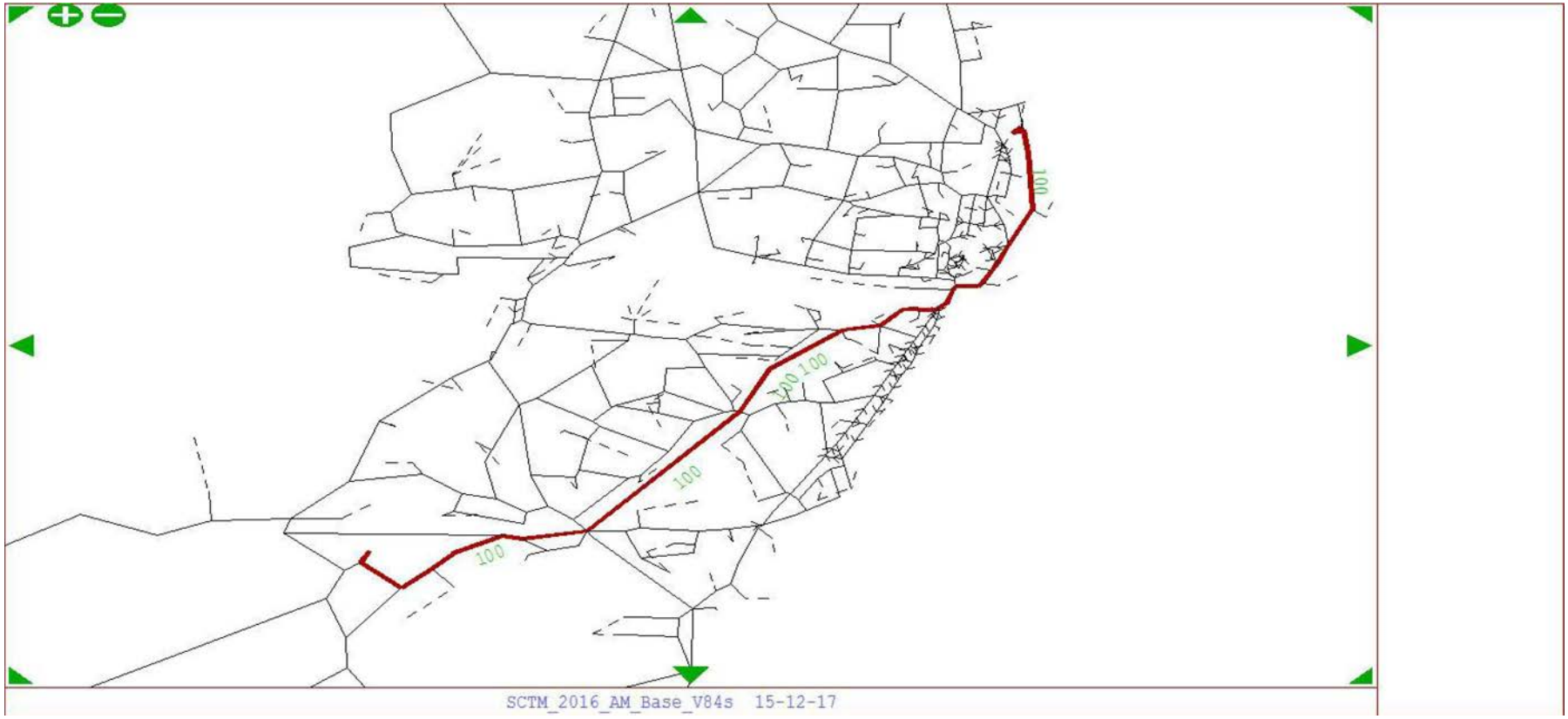
From Zone 465 To Zone 408 - User Class 10



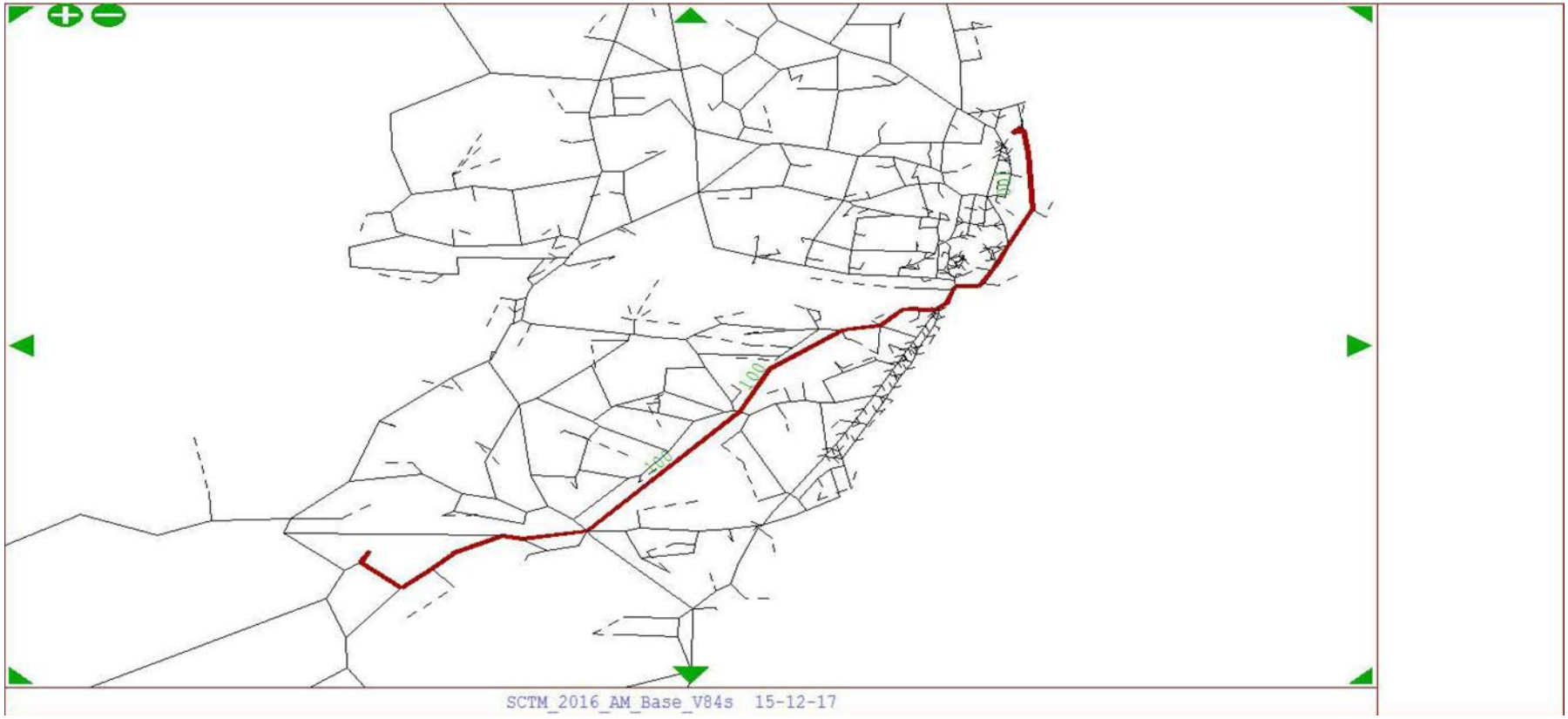
From Zone 84 To Zone 782 - User Class 2



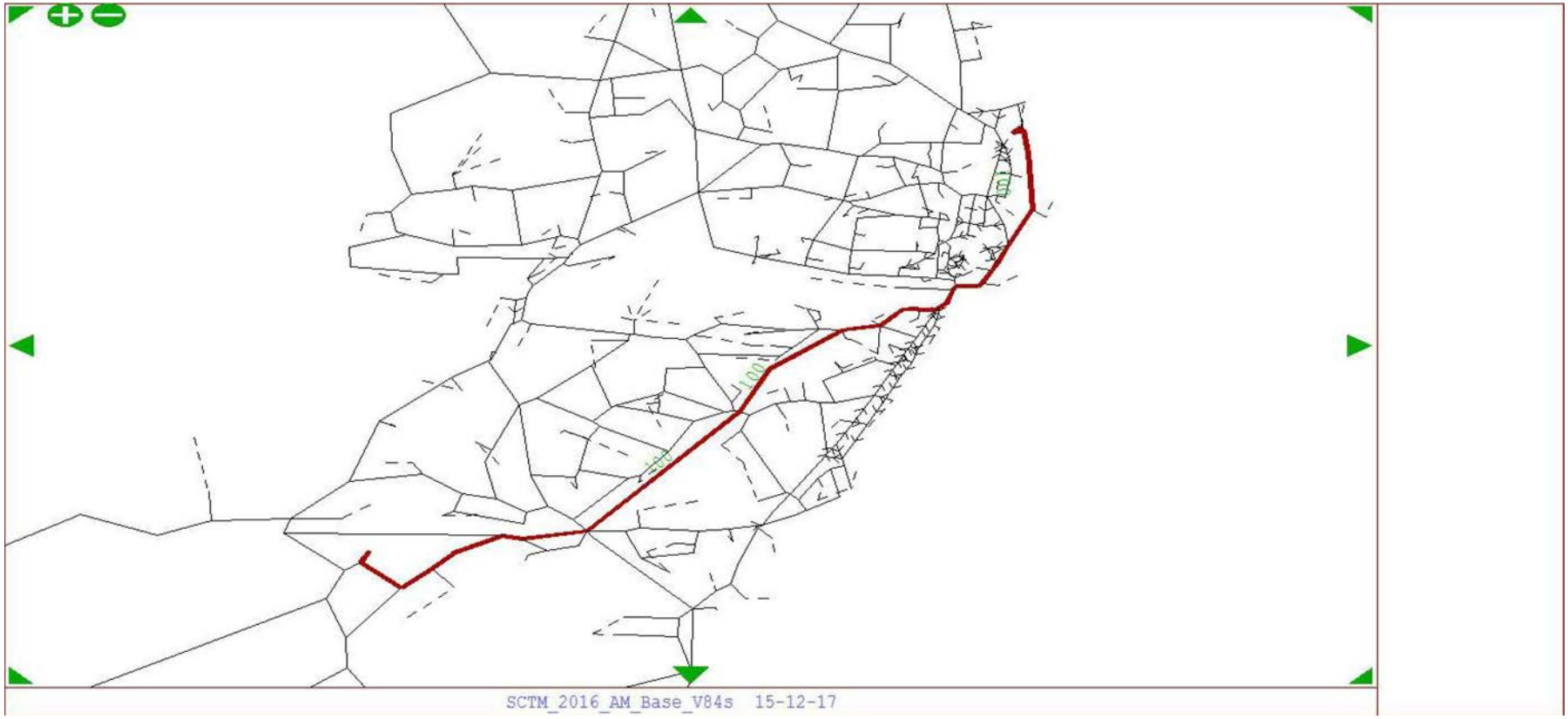
From Zone 84 To Zone 782 - User Class 10



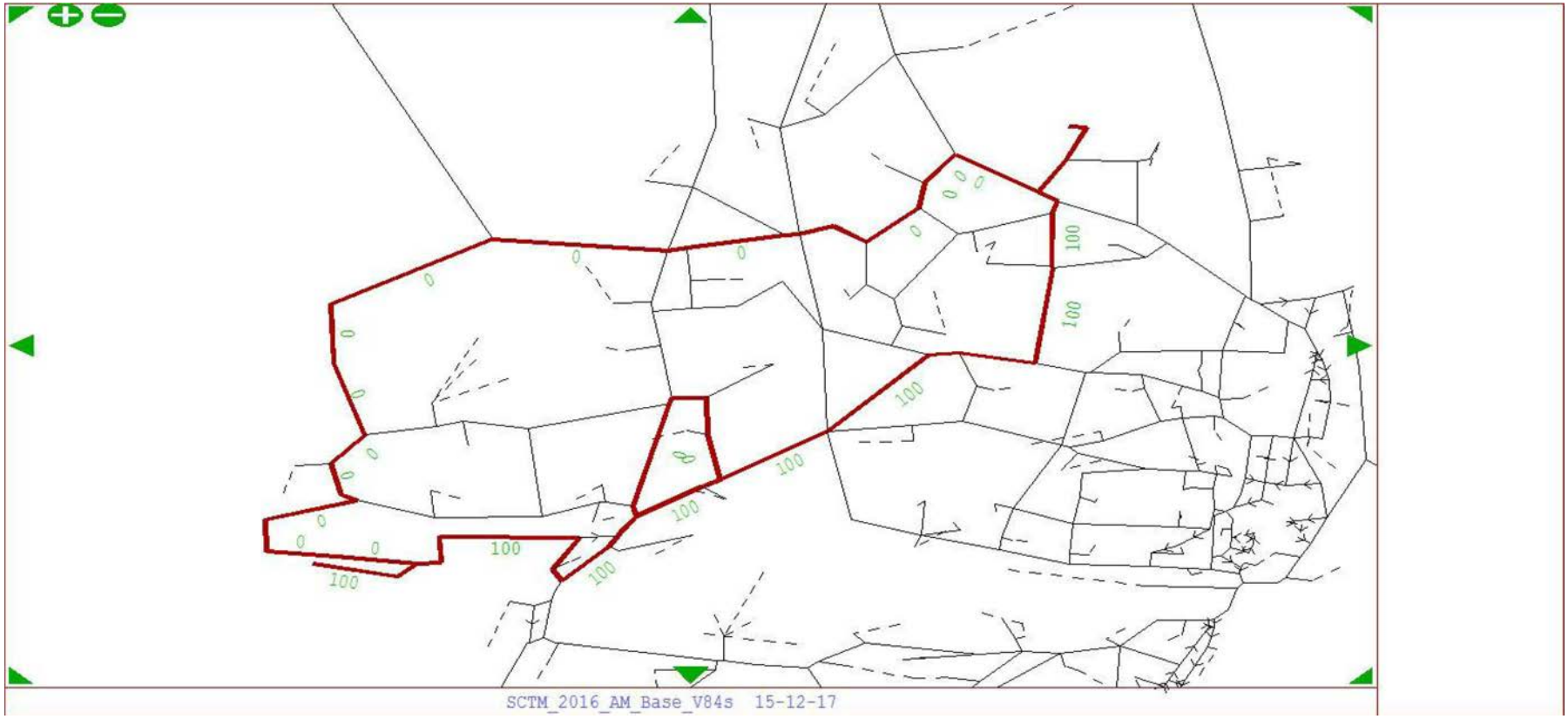
From Zone 782 To Zone 84 - User Class 2



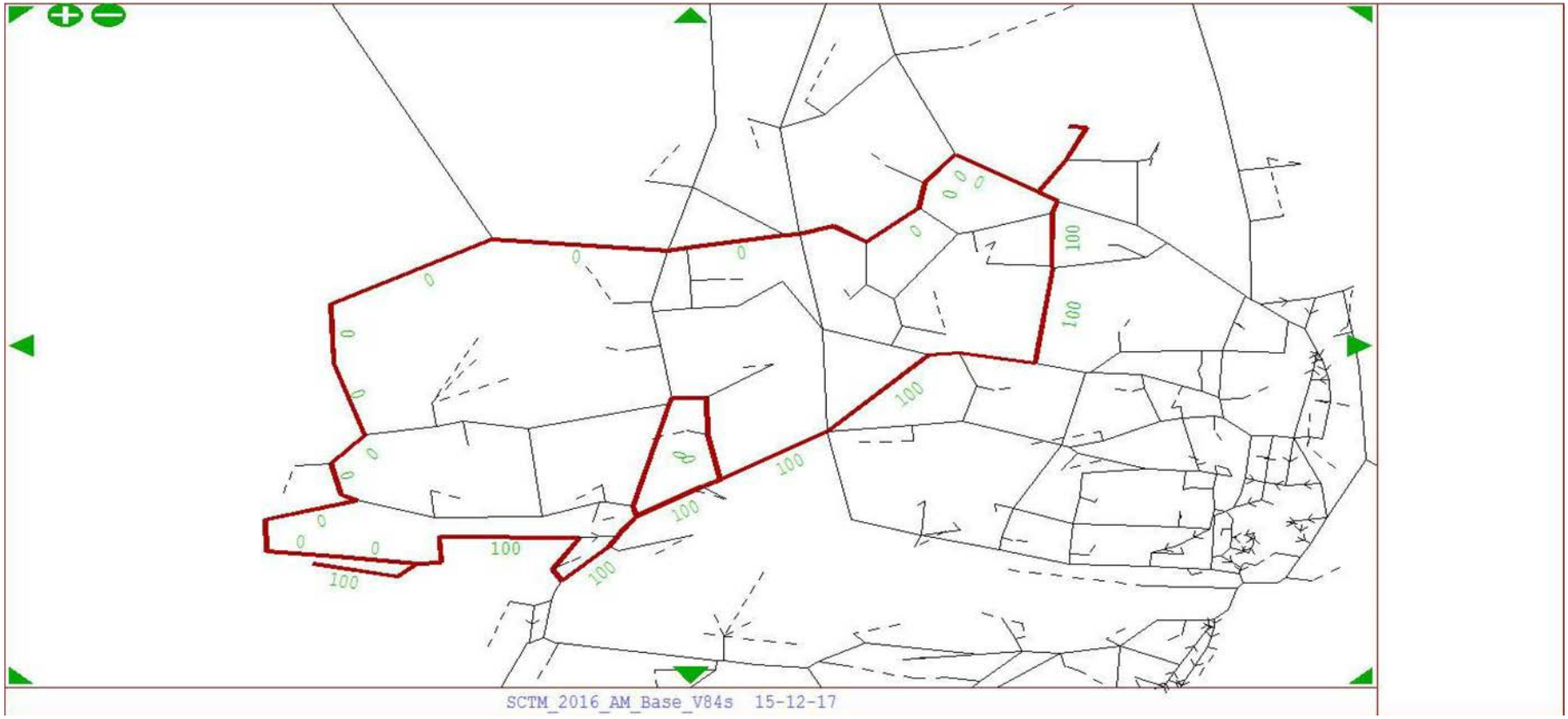
From Zone 782 To Zone 84 - User Class 10



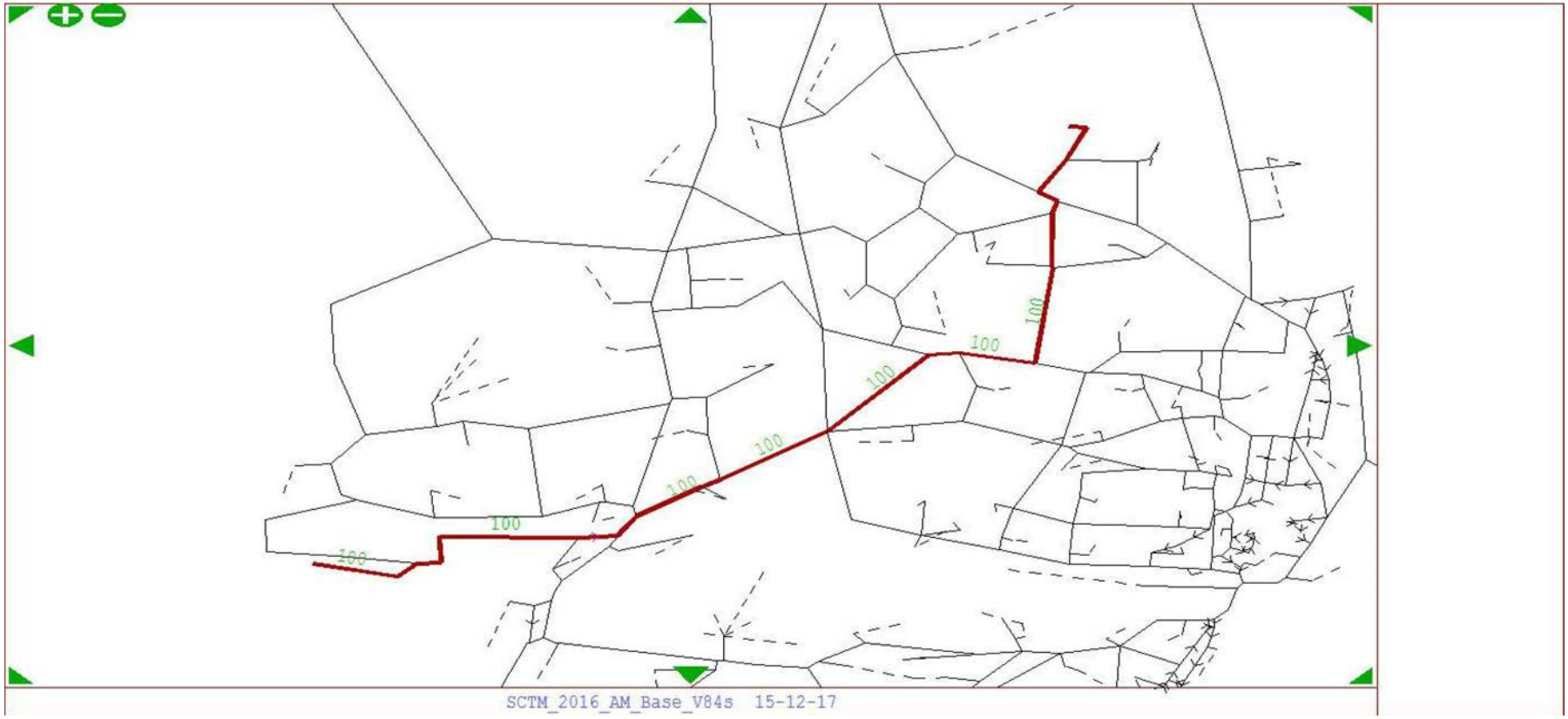
From Zone 409 To Zone 584 - User Class 2



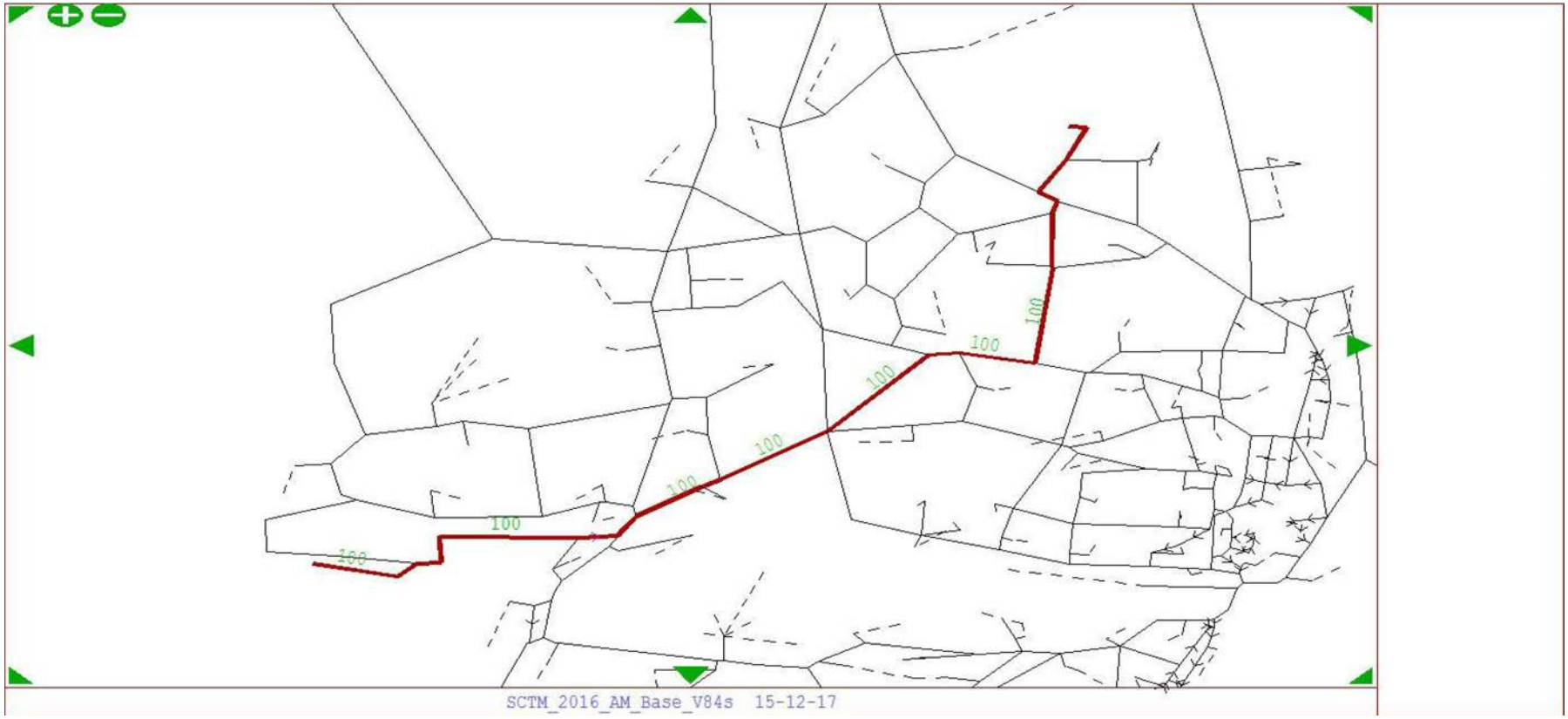
From Zone 409 To Zone 584 - User Class 10



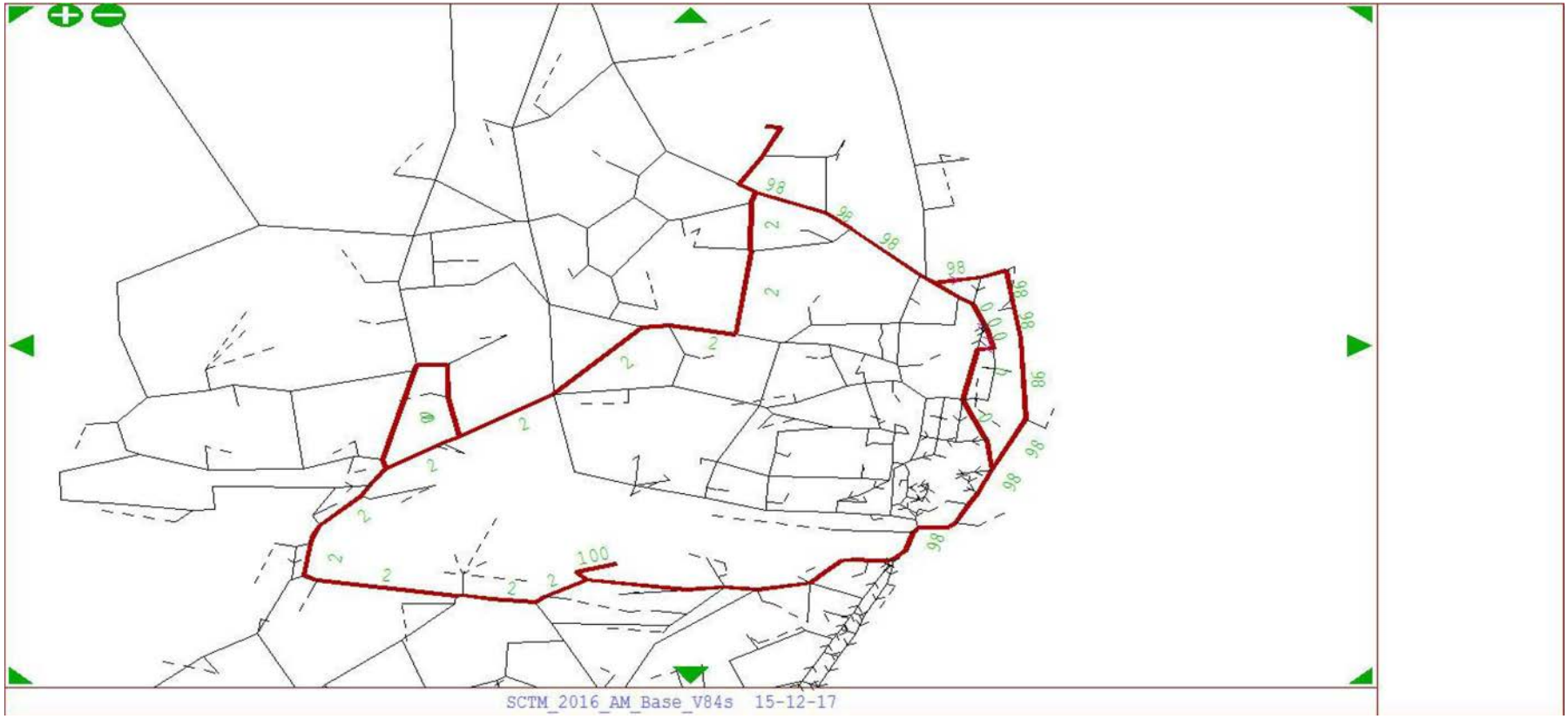
From Zone 584 To Zone 409 - User Class 2



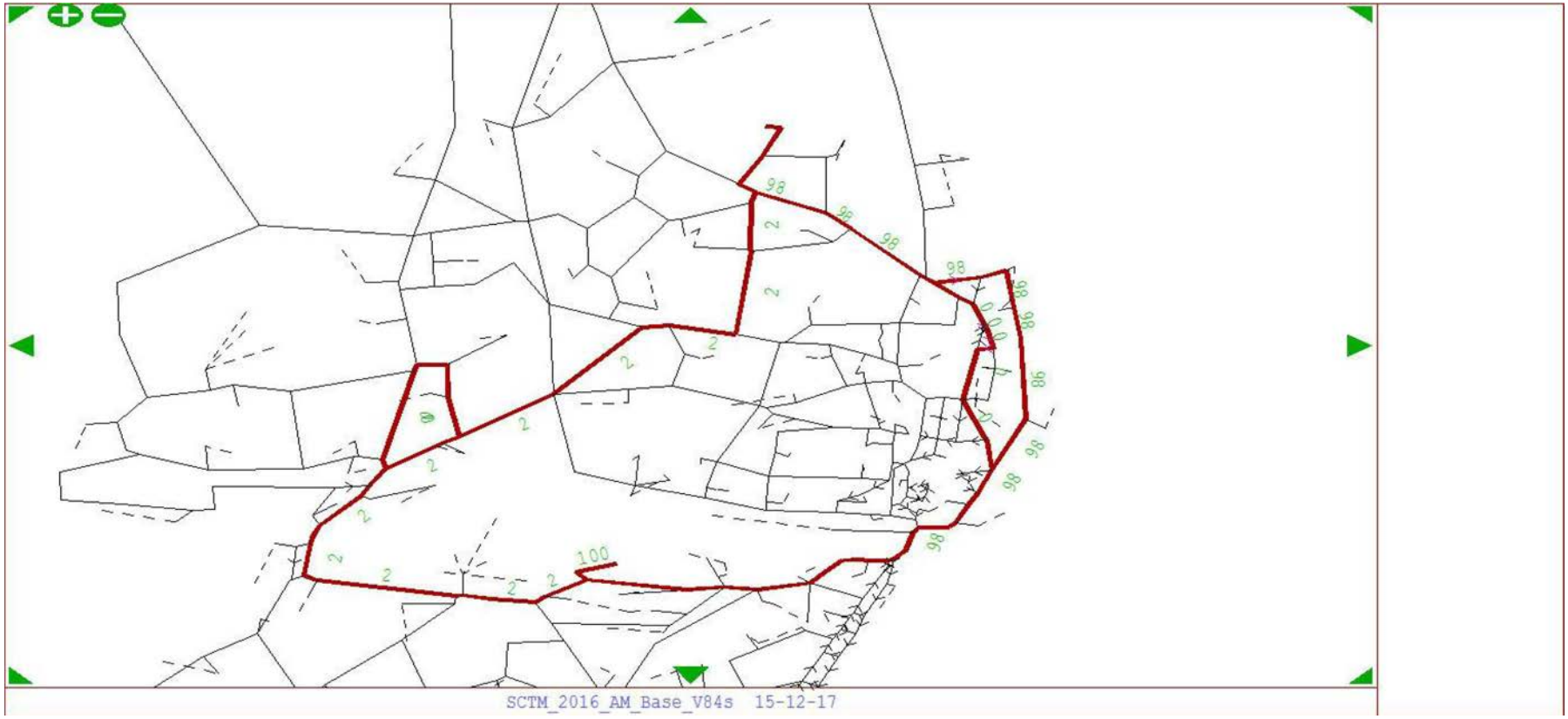
From Zone 584 To Zone 409 - User Class 10



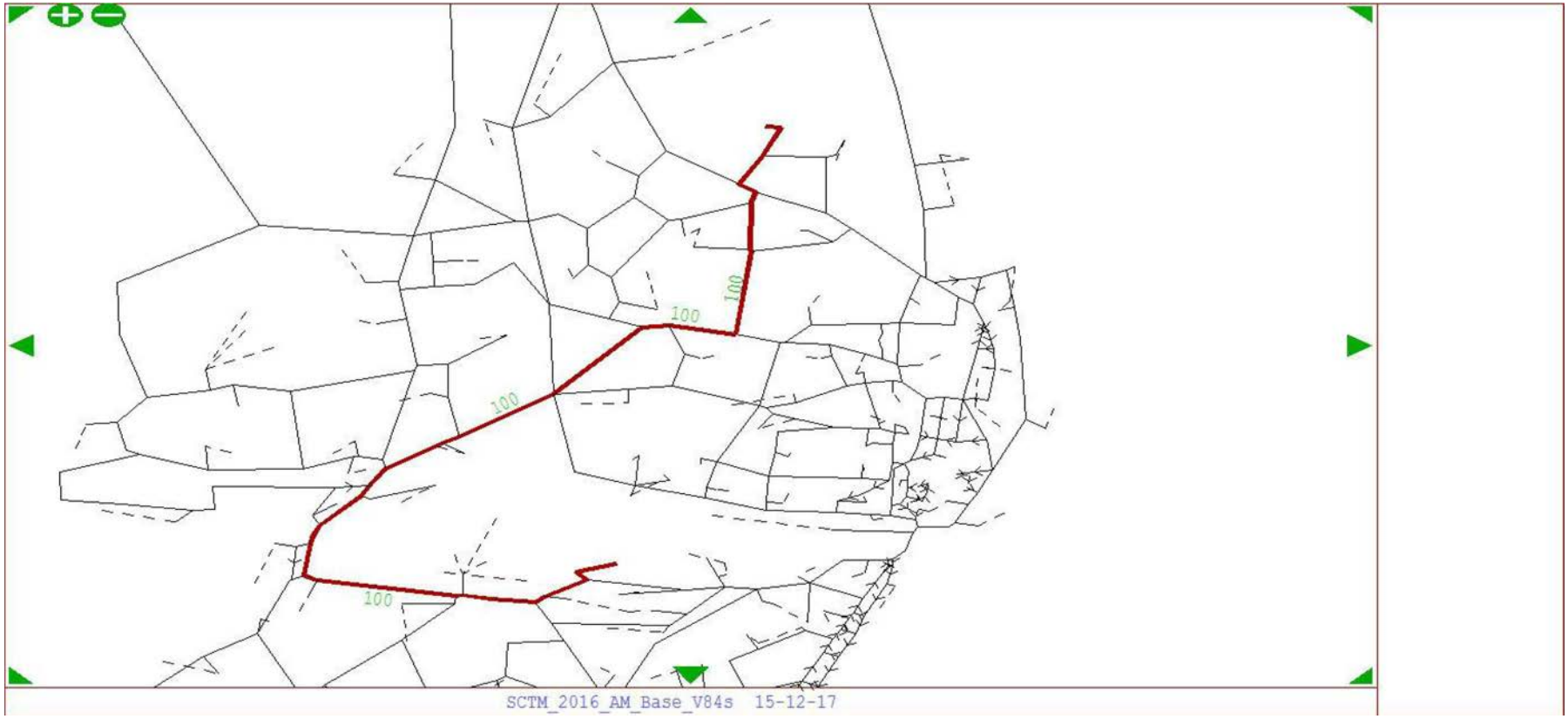
From Zone 409 To Zone 589 - User Class 2



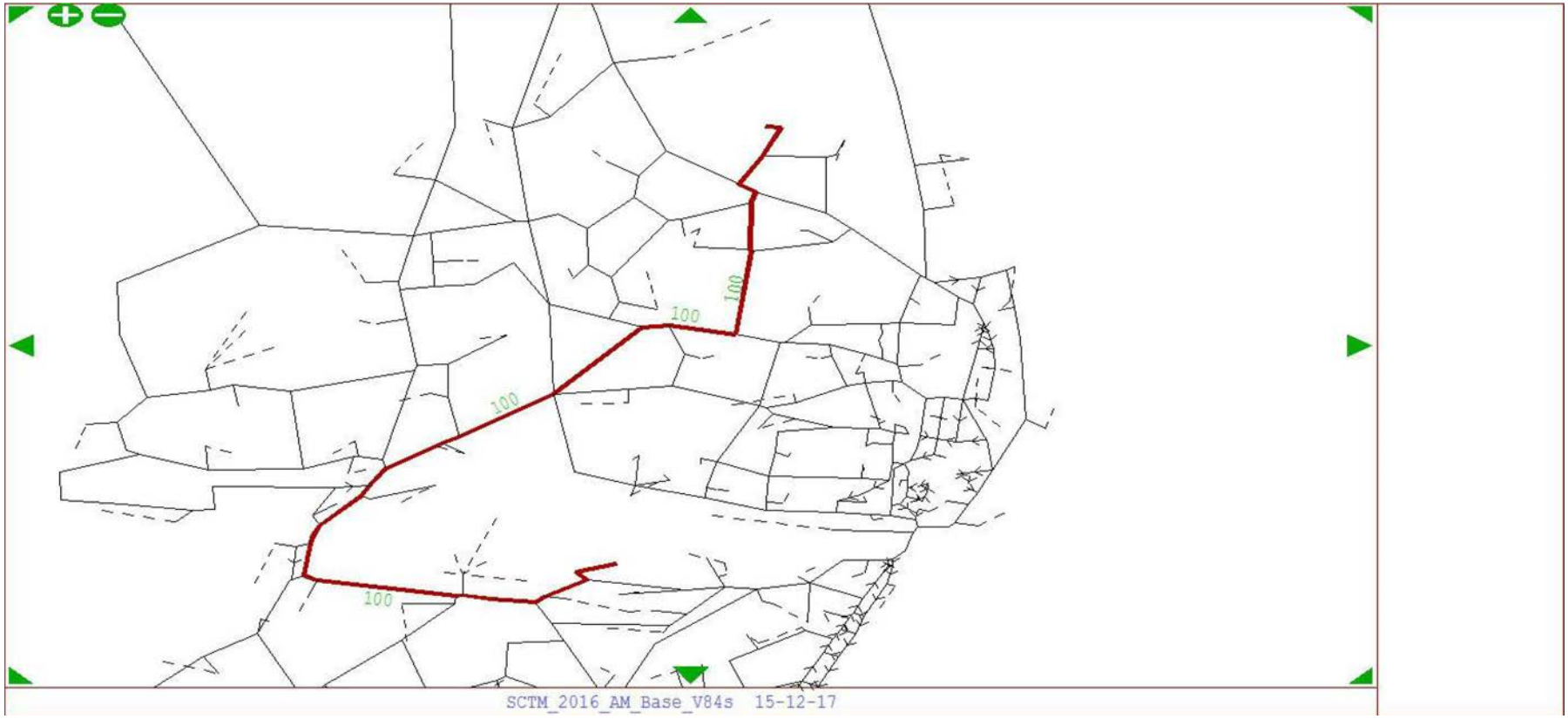
From Zone 409 To Zone 589 - User Class 10



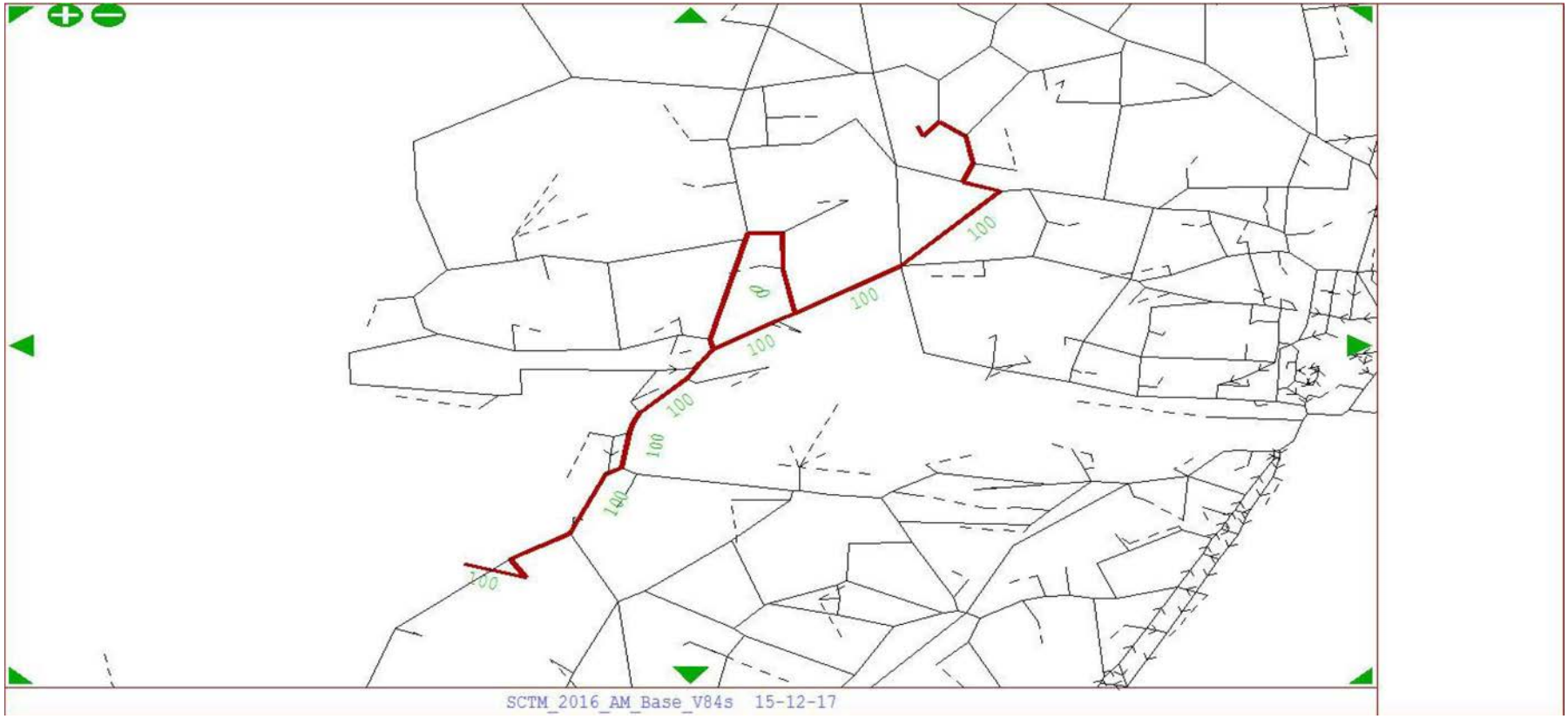
From Zone 589 To Zone 409 - User Class 2



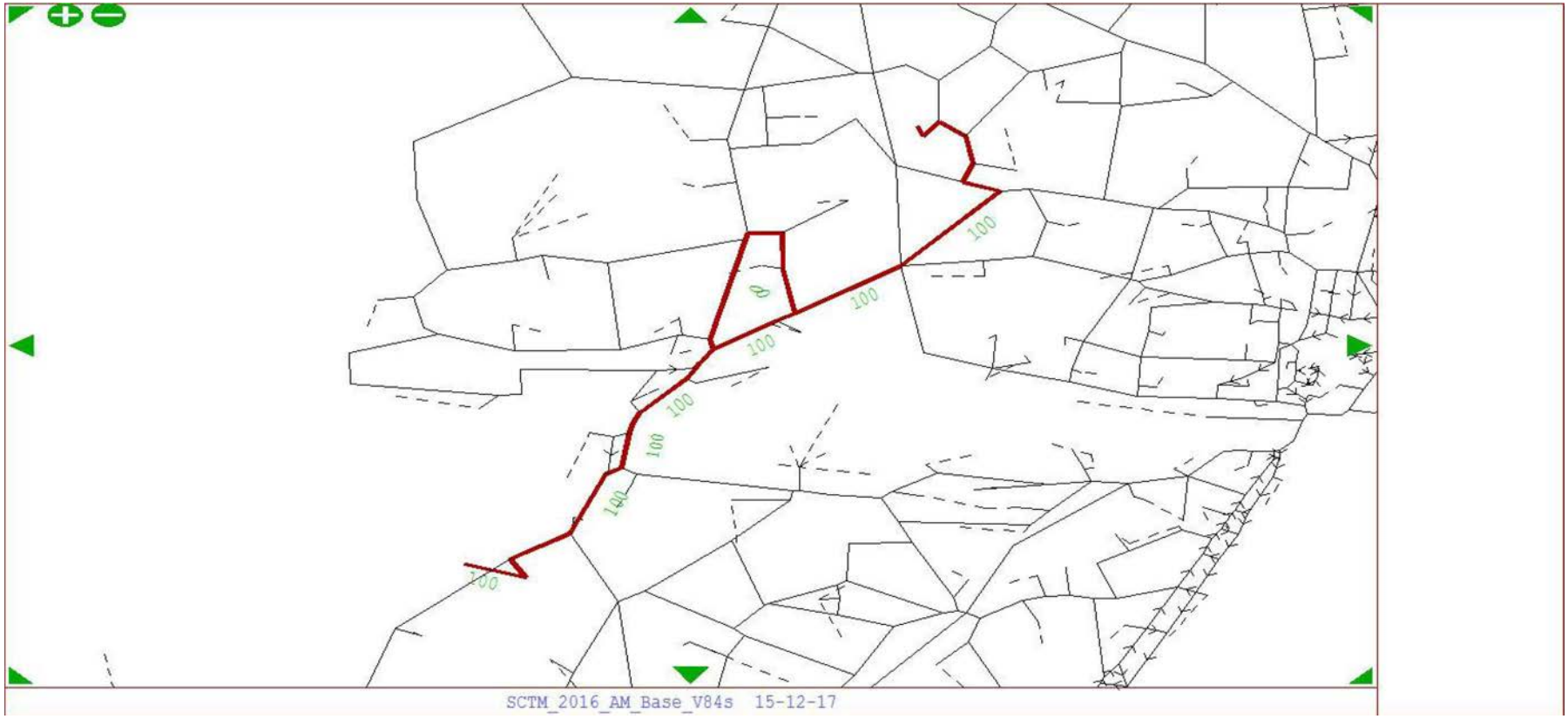
From Zone 589 To Zone 409 - User Class 10



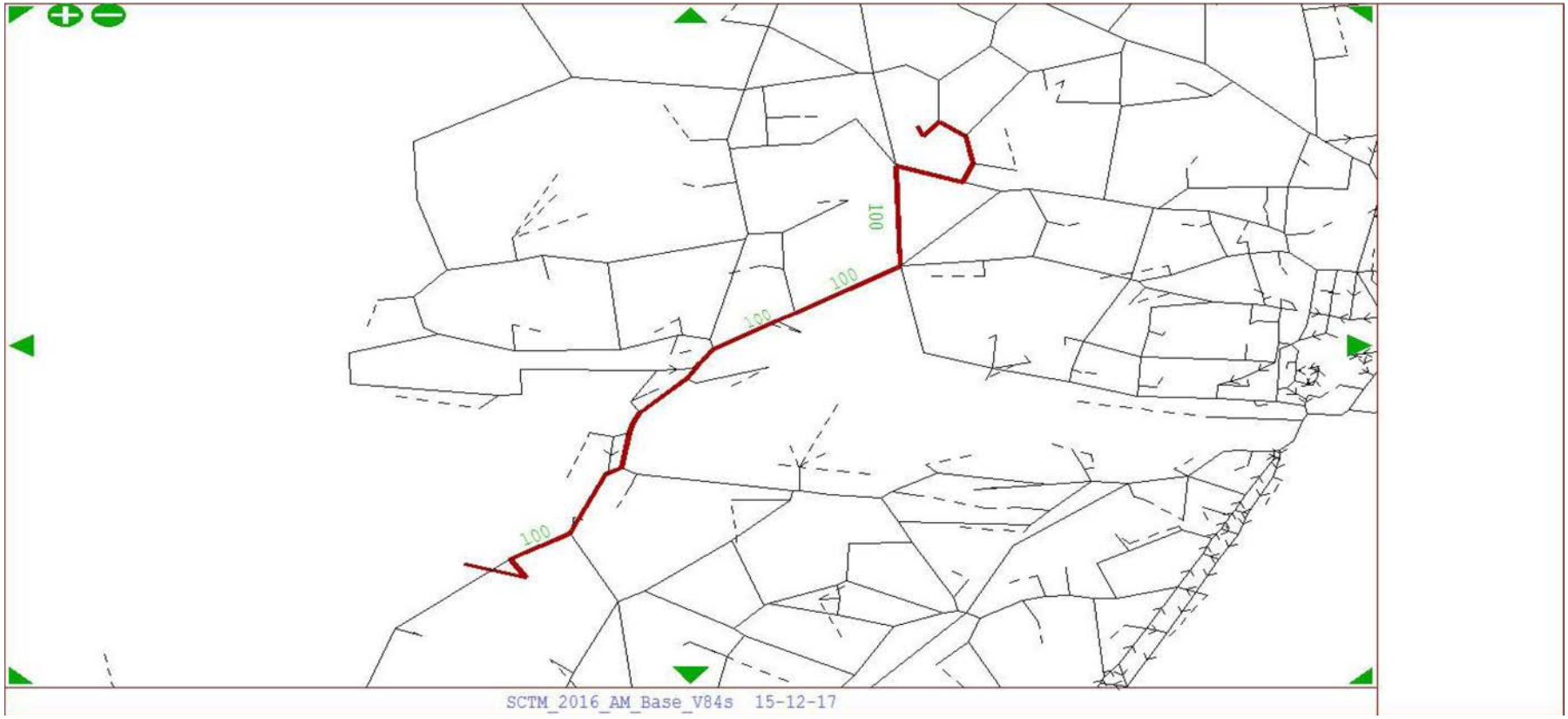
From Zone 767 To Zone 434 - User Class 2



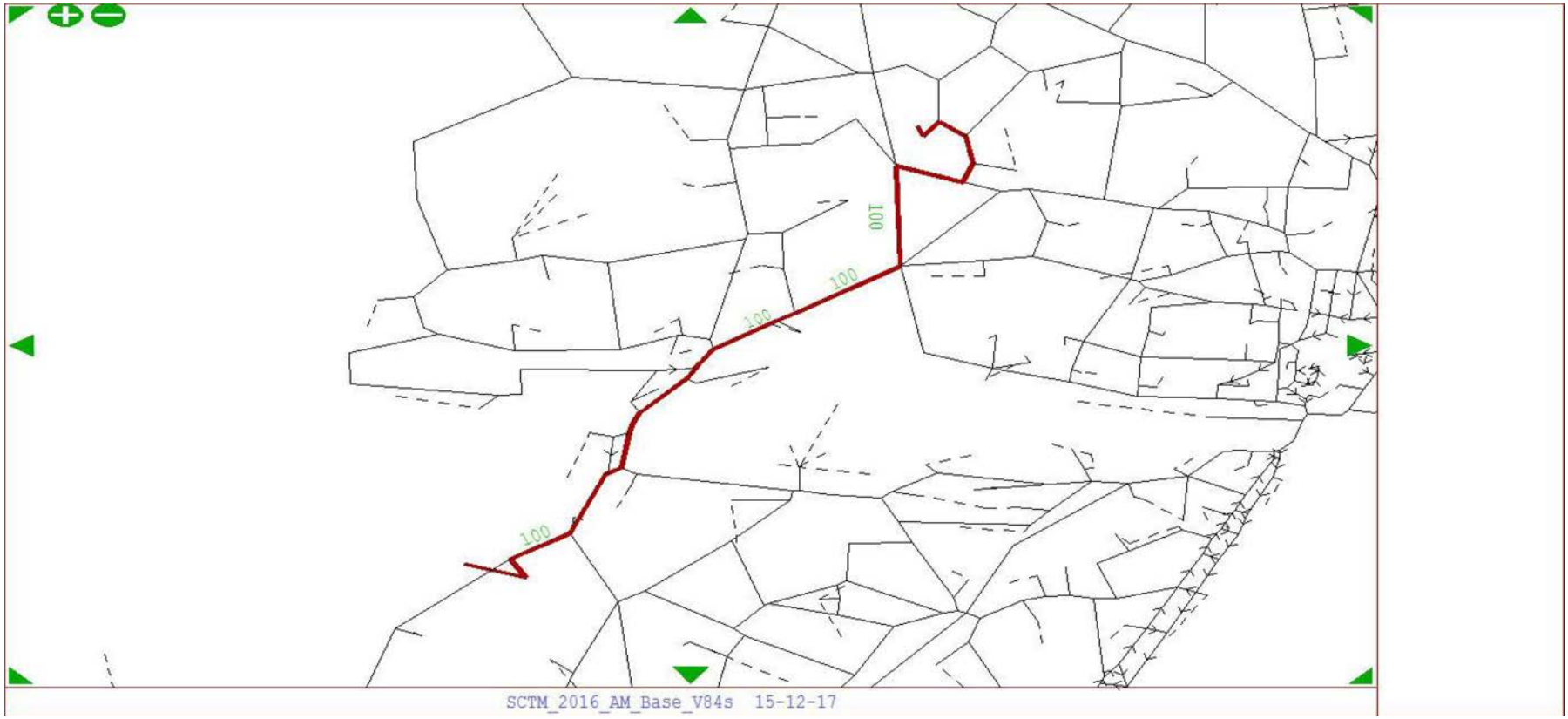
From Zone 767 To Zone 434 - User Class 10



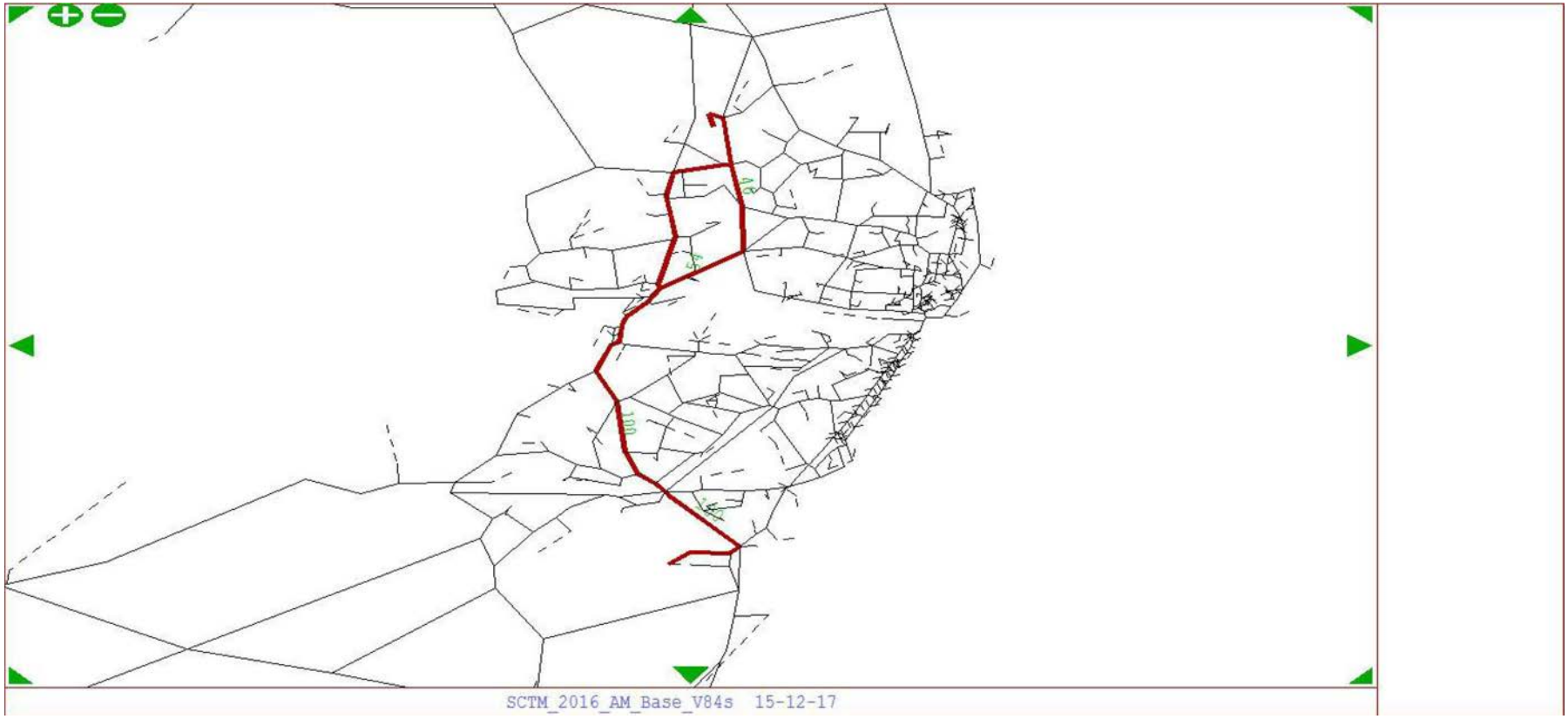
From Zone 434 To Zone 767 - User Class 2



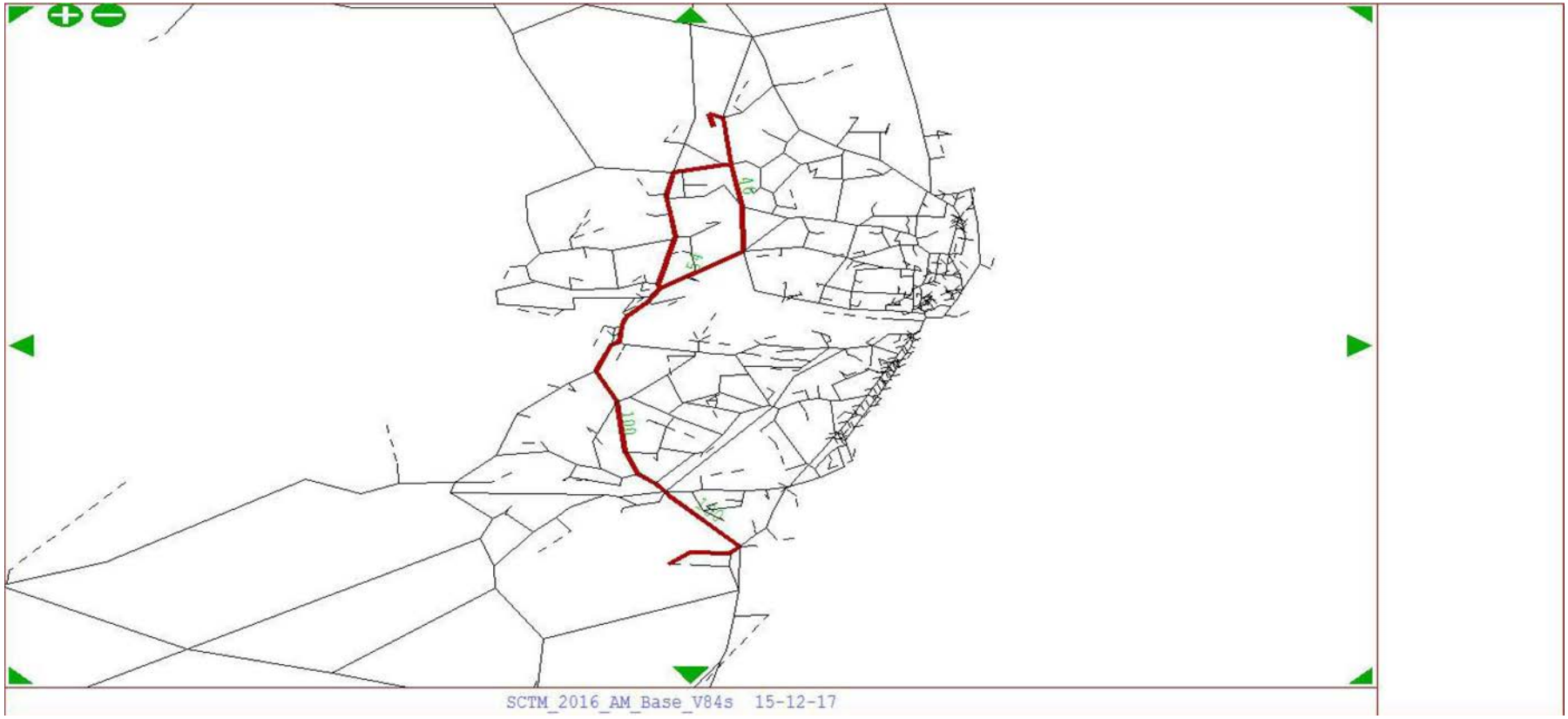
From Zone 434 To Zone 767 - User Class 10



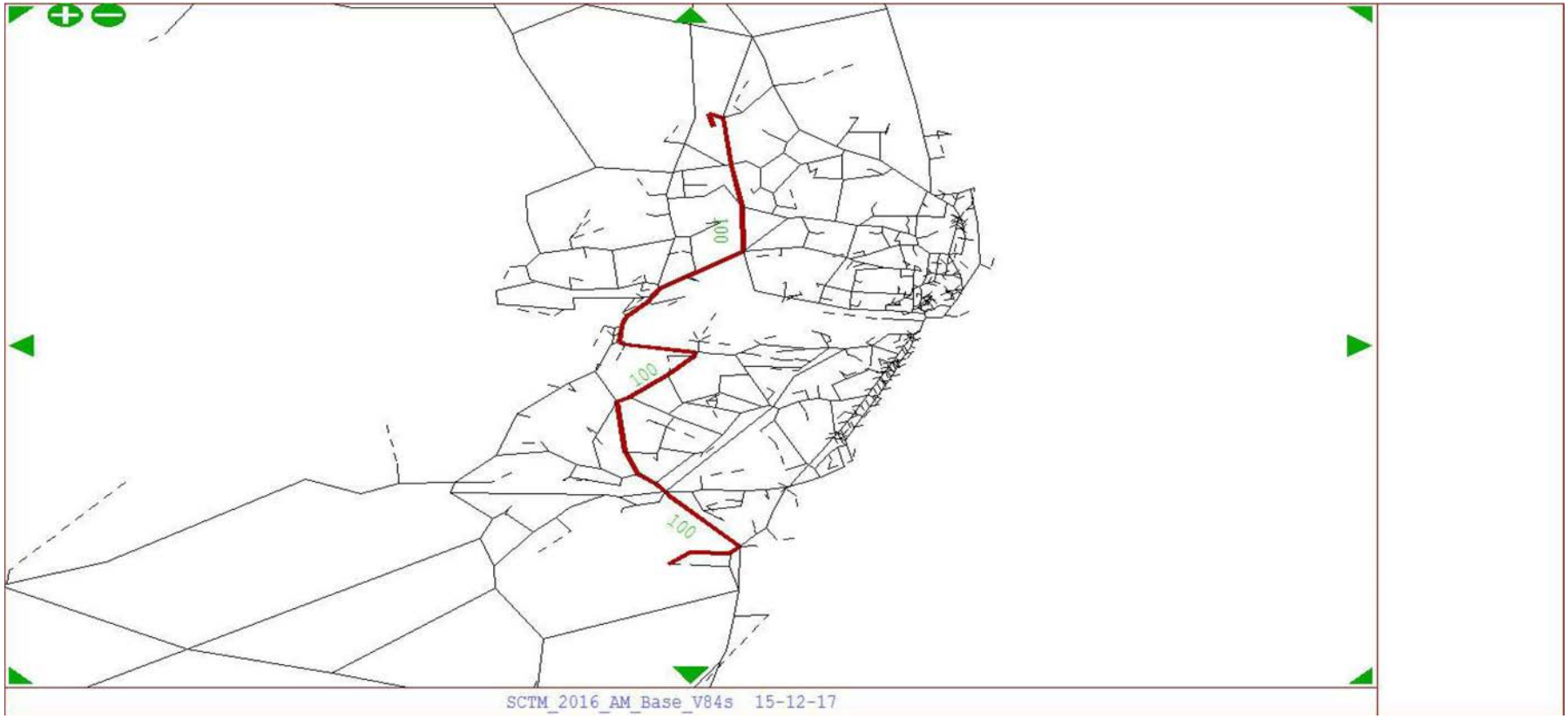
From Zone 586 To Zone 781 - User Class 2



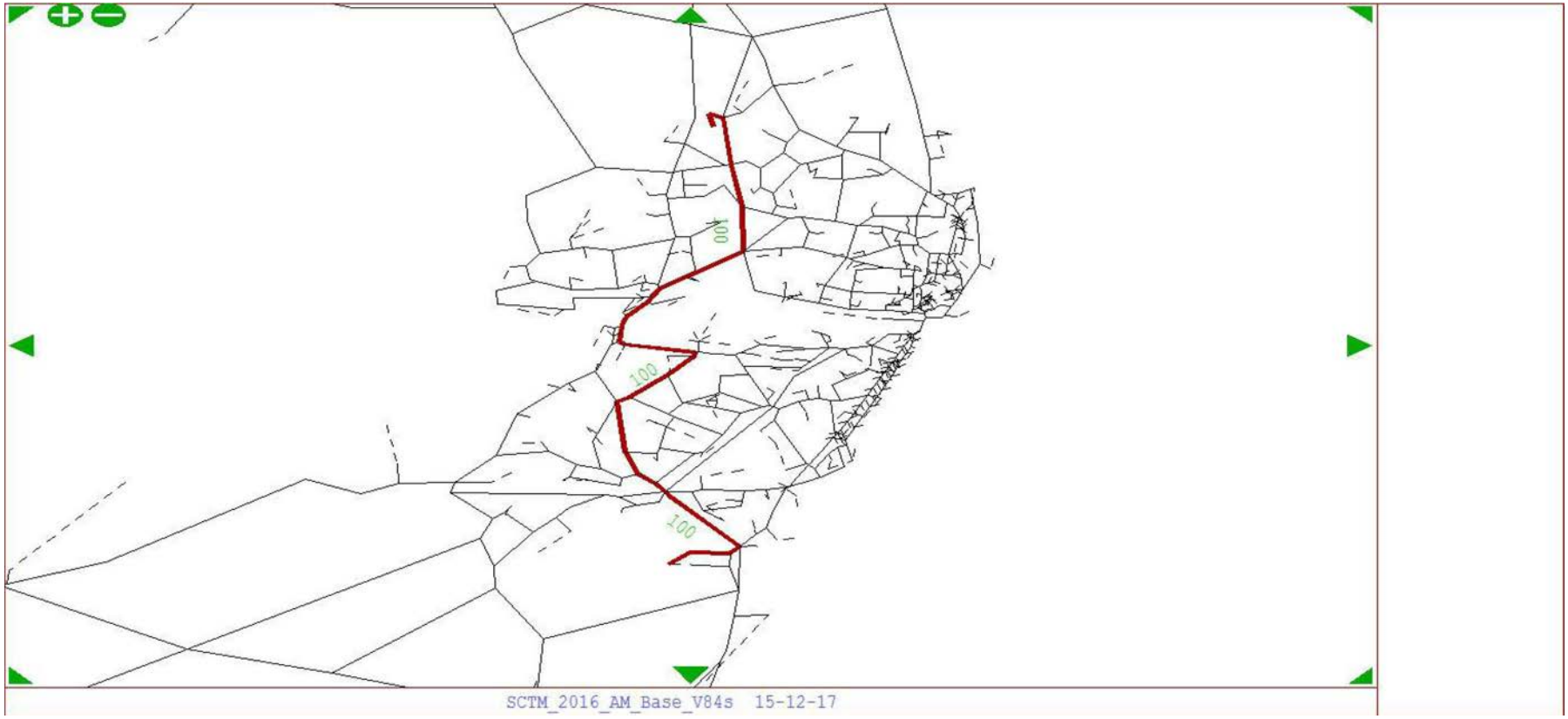
From Zone 586 To Zone 781 - User Class 10



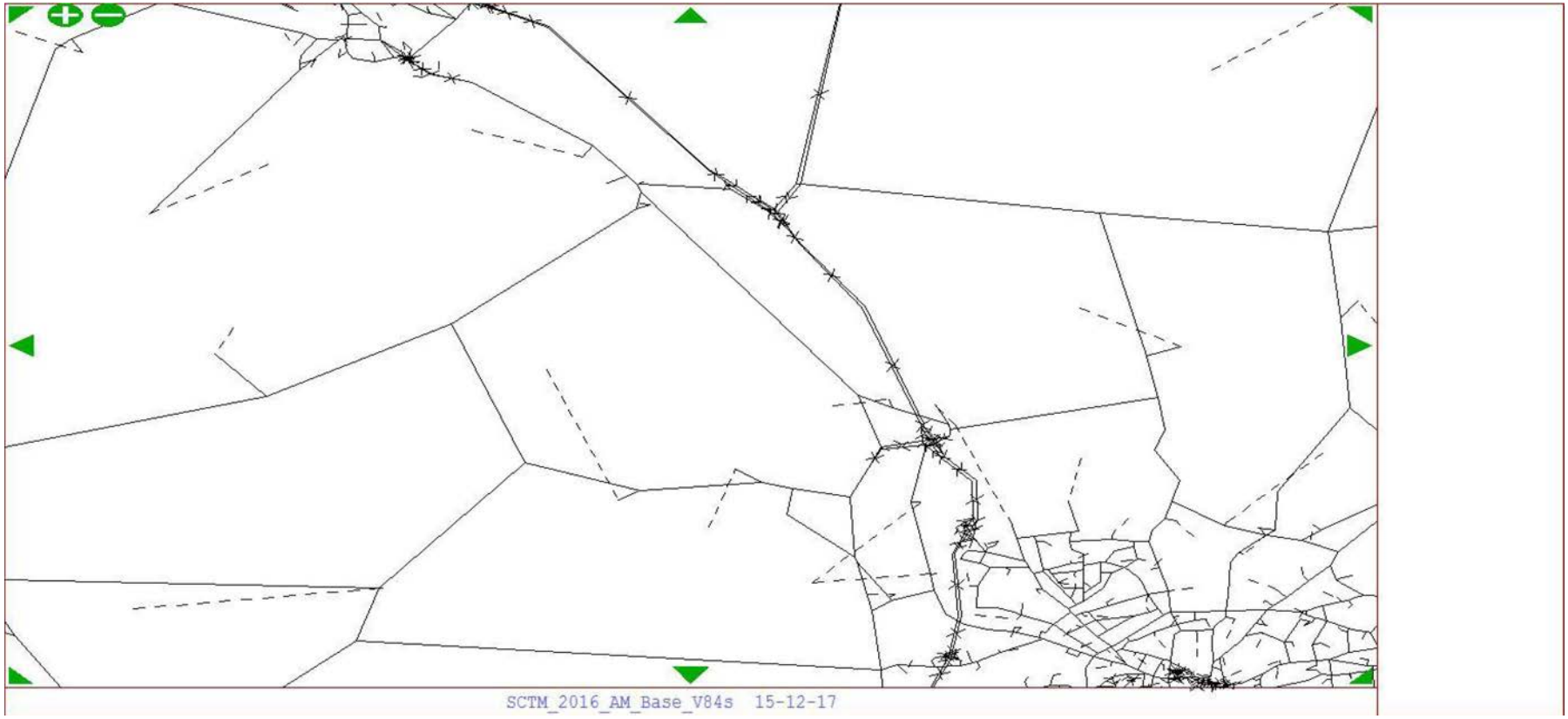
From Zone 781 To Zone 586 - User Class 2



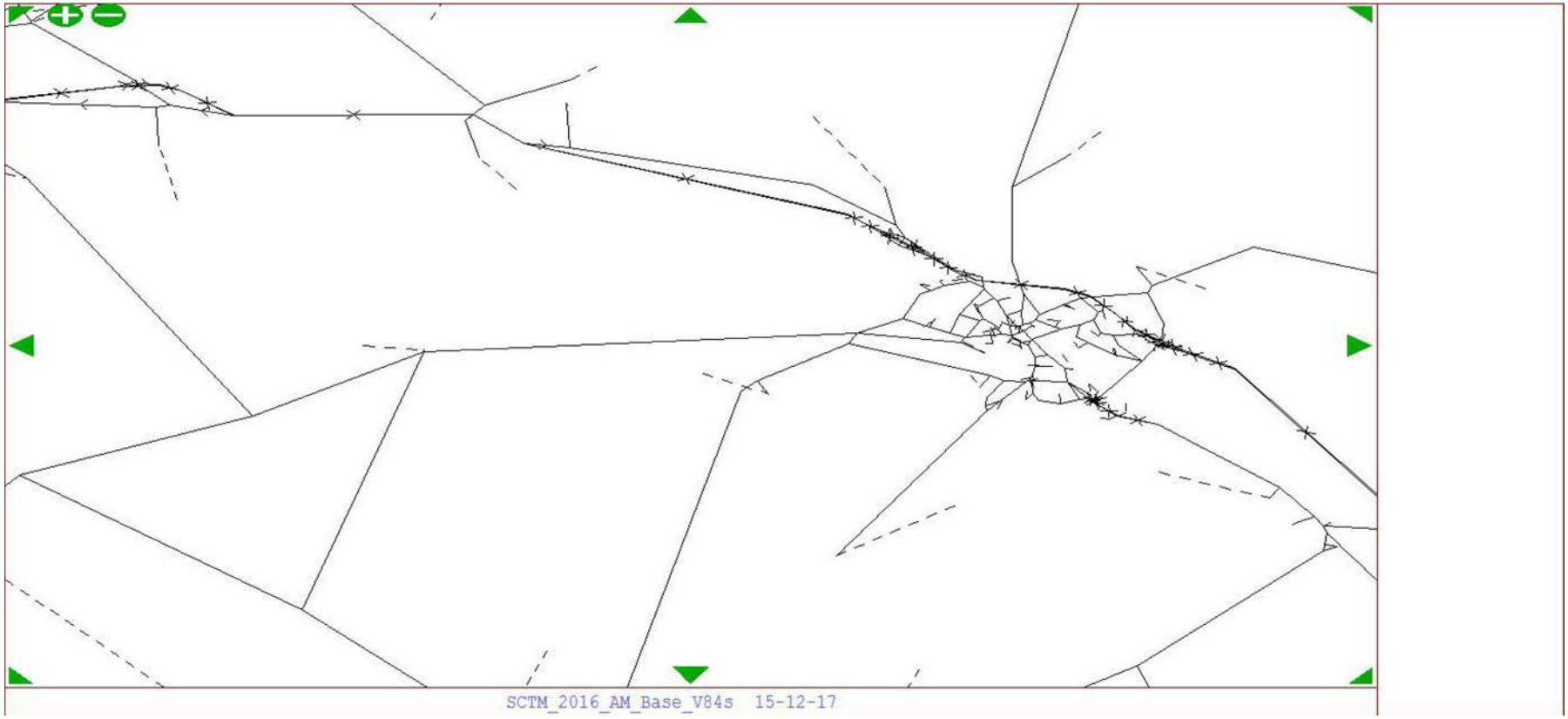
From Zone 781 To Zone 586 - User Class 10



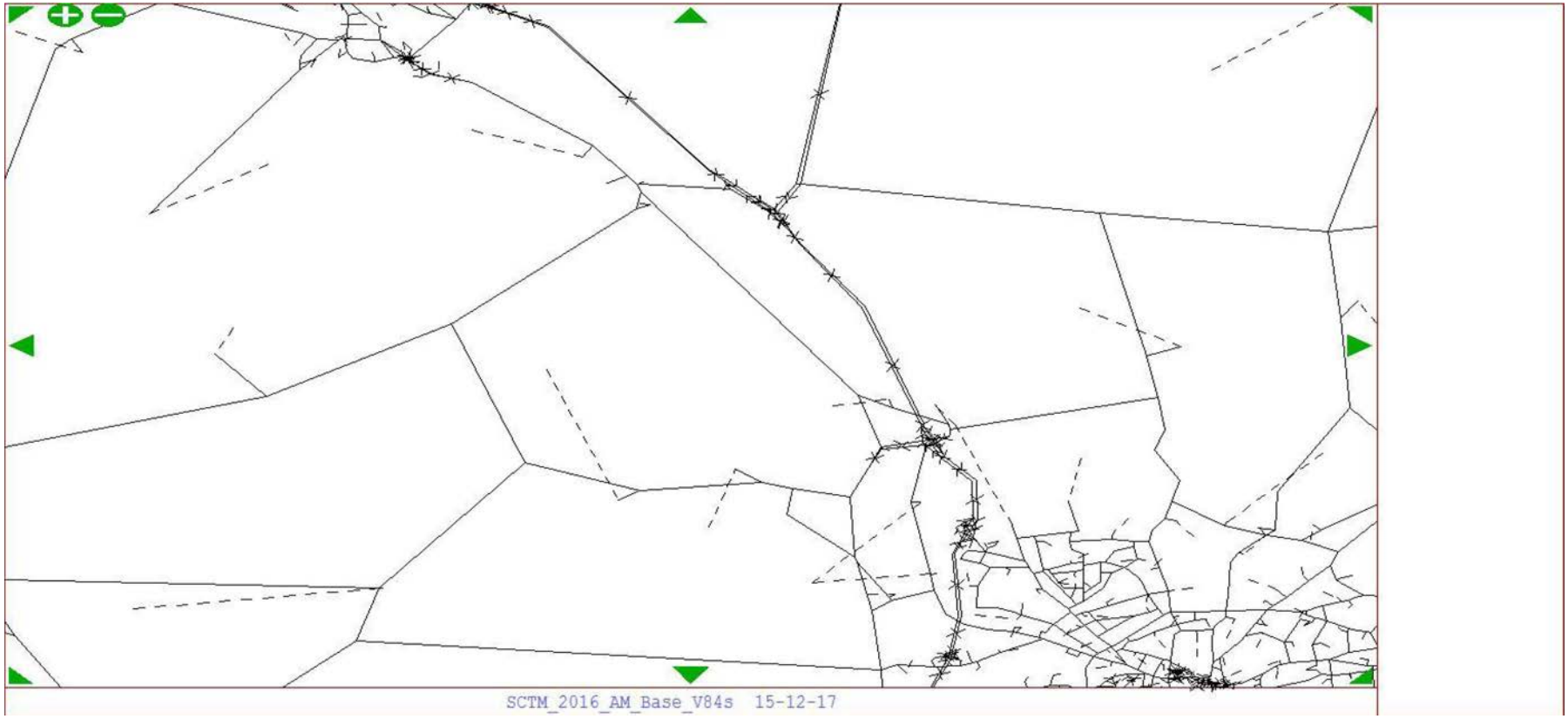
From Zone 673 To Zone 482 - User Class 2



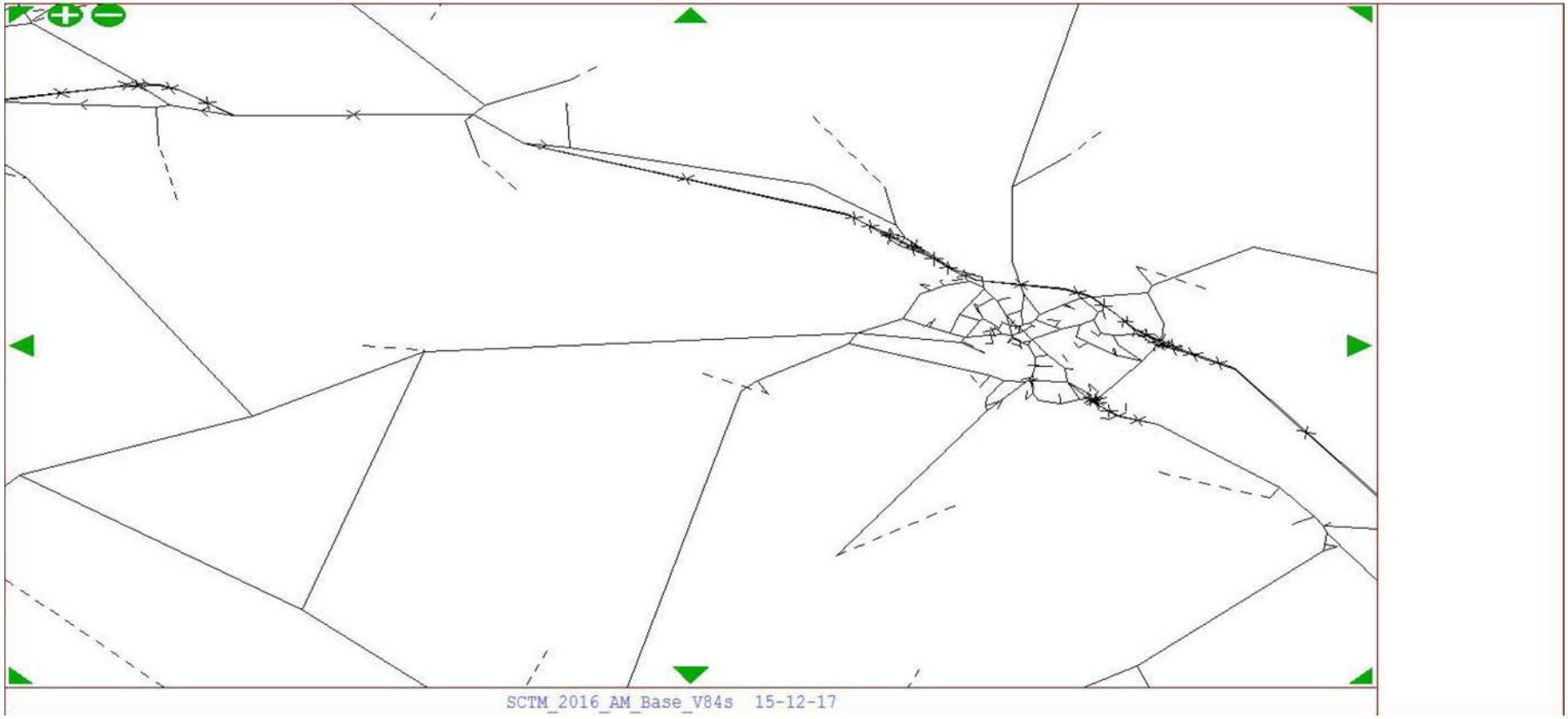
From Zone 673 To Zone 482 - User Class 10



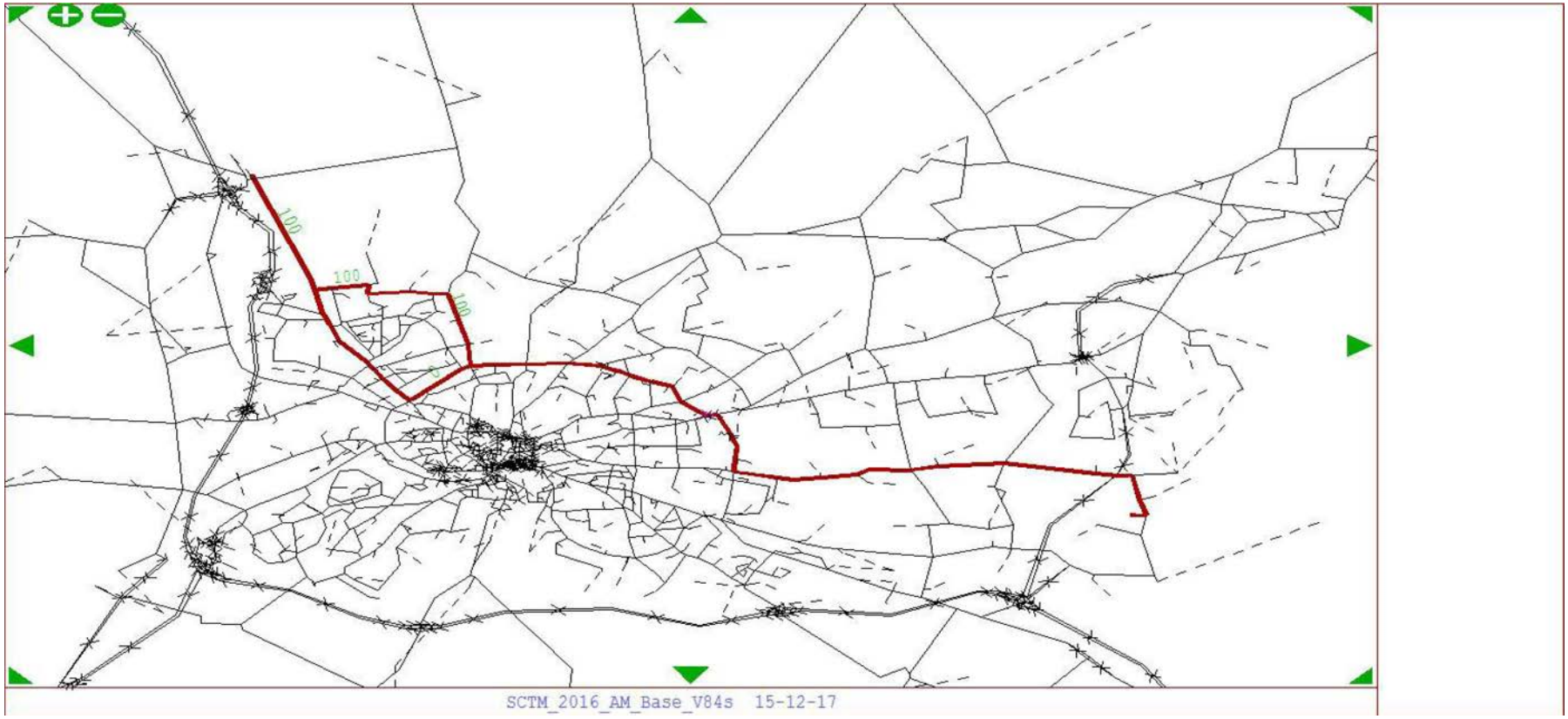
From Zone 482 To Zone 673 - User Class 2



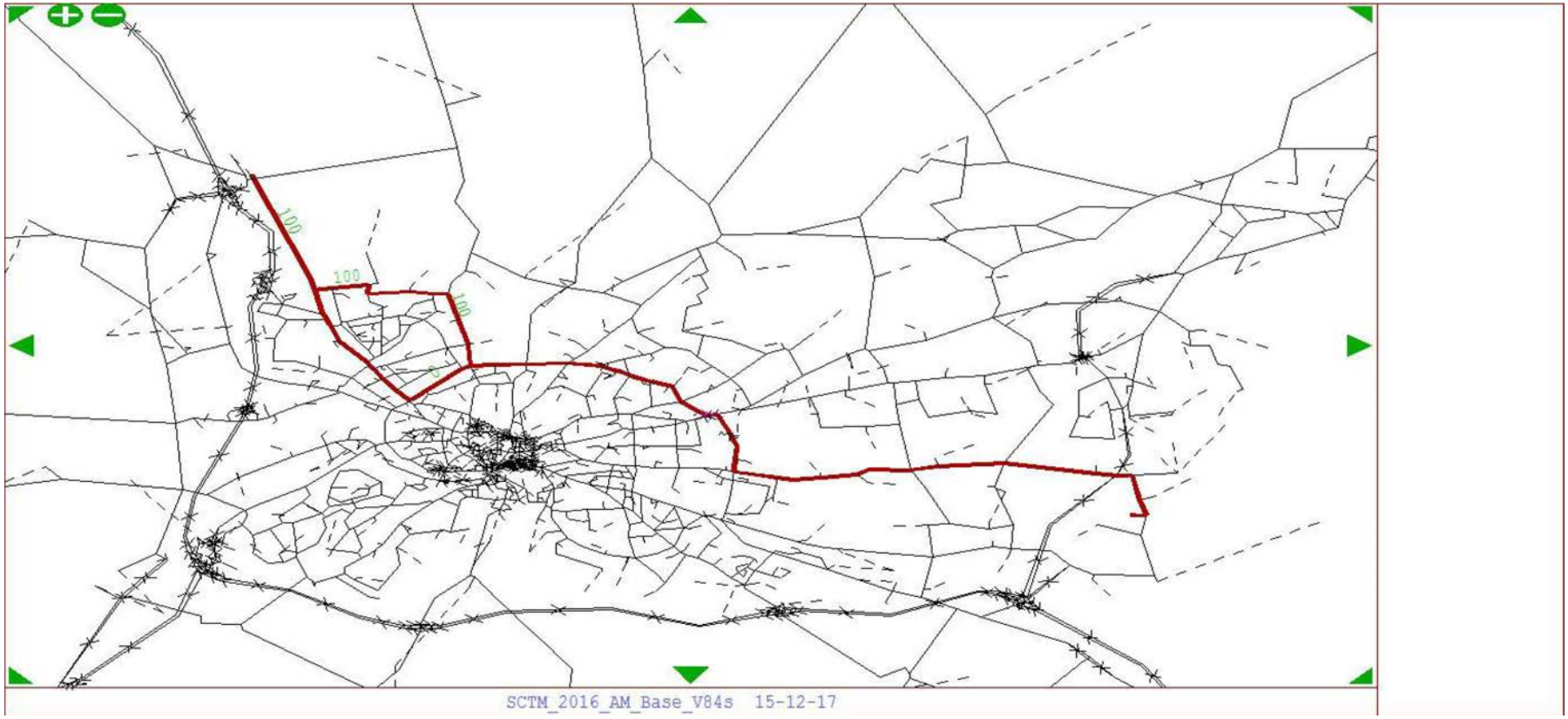
From Zone 482 To Zone 673 - User Class 10



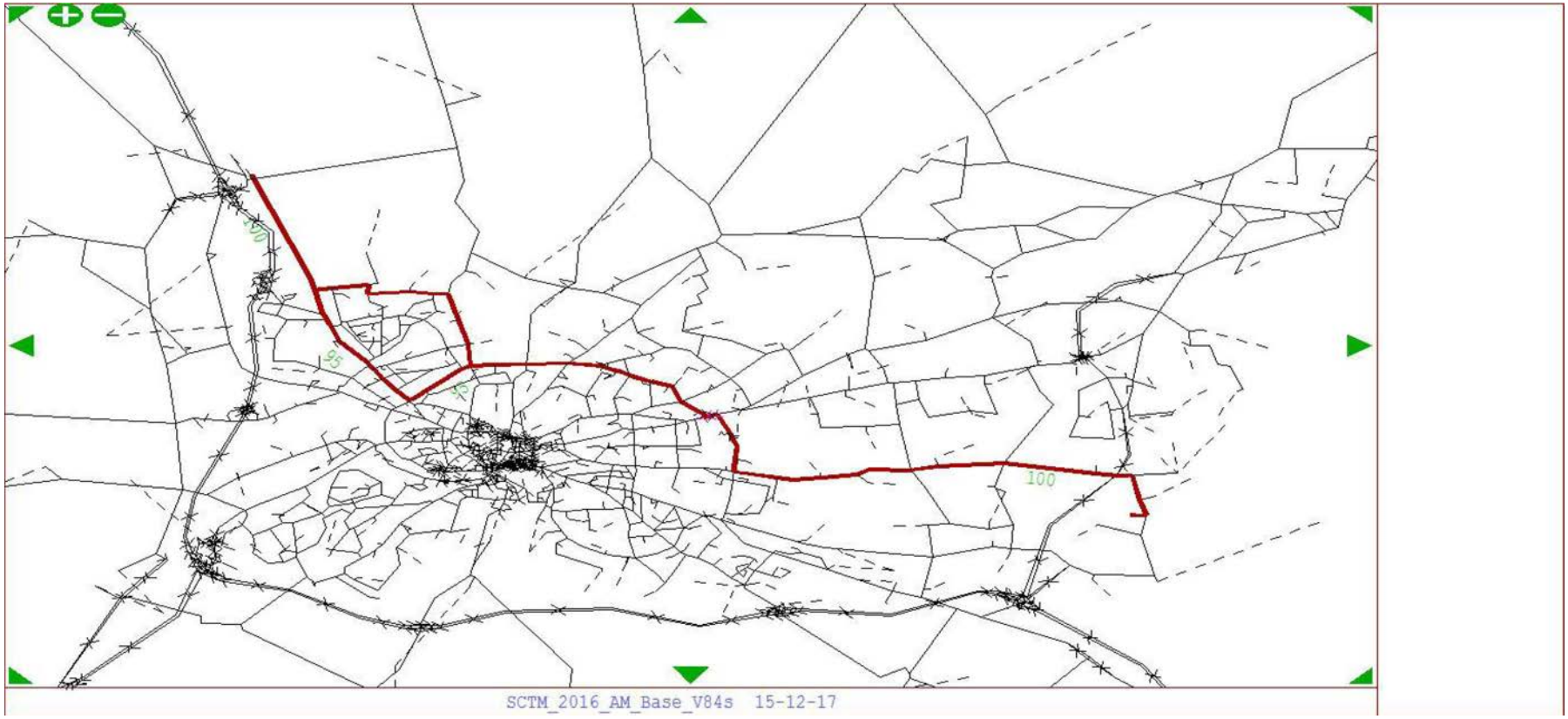
From Zone 253 To Zone 676 - User Class 2



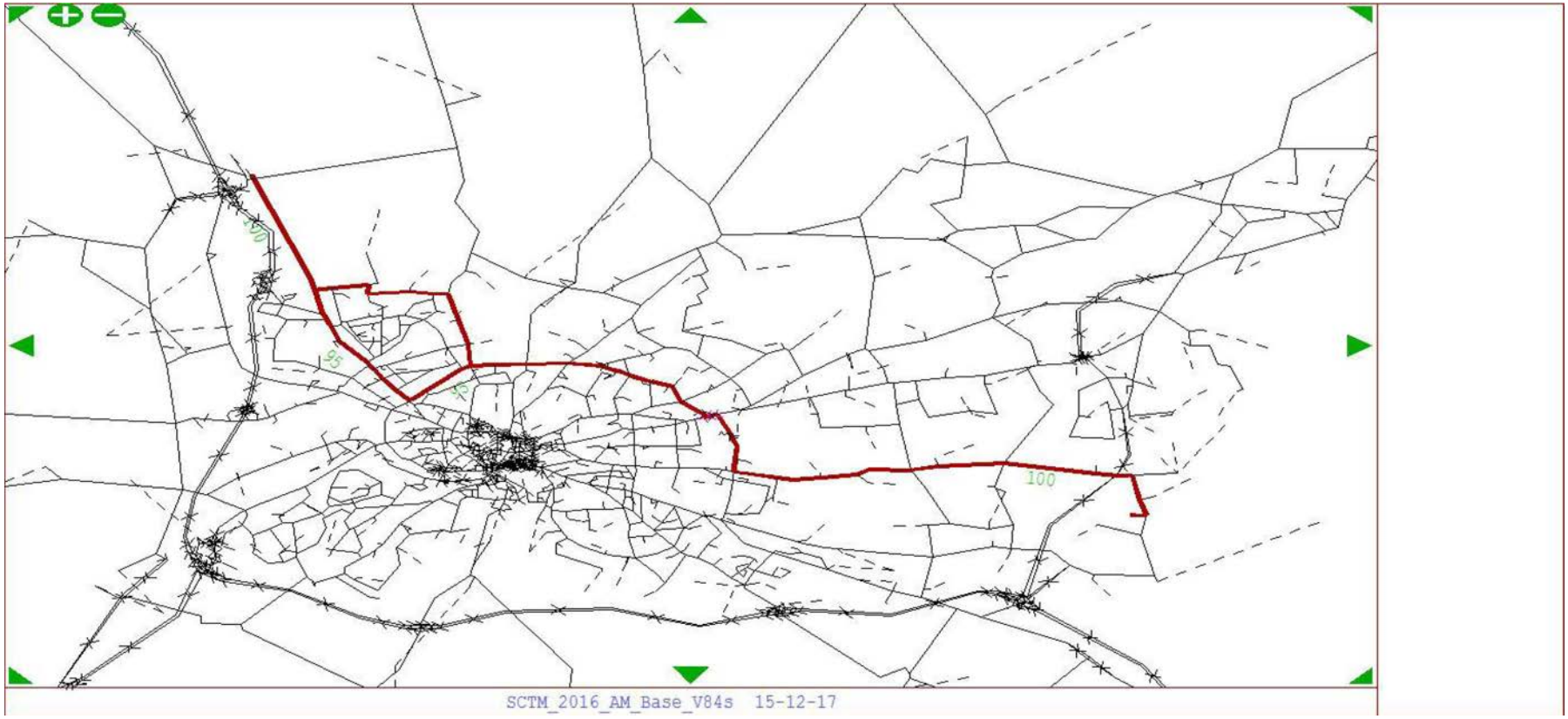
From Zone 253 To Zone 676 - User Class 10



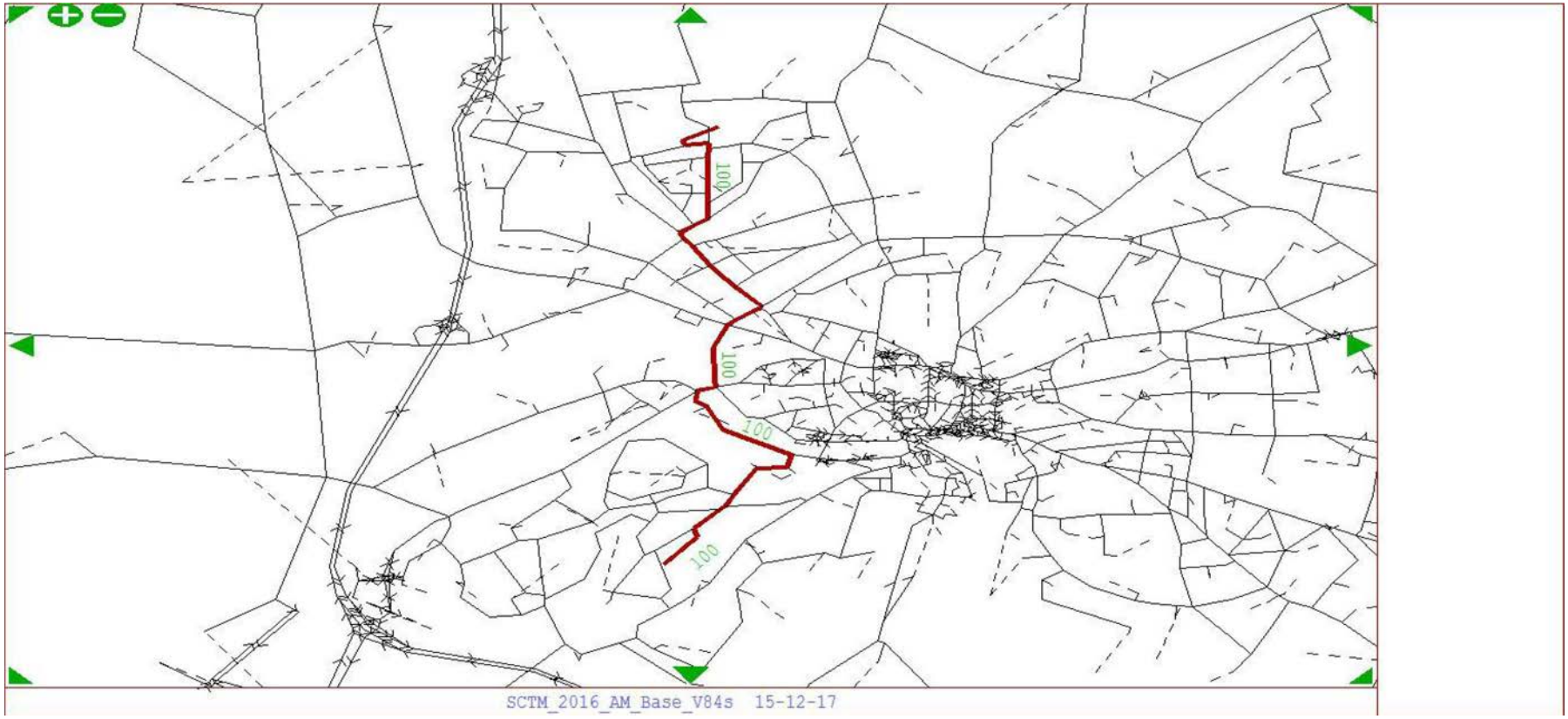
From Zone 676 To Zone 253 - User Class 2



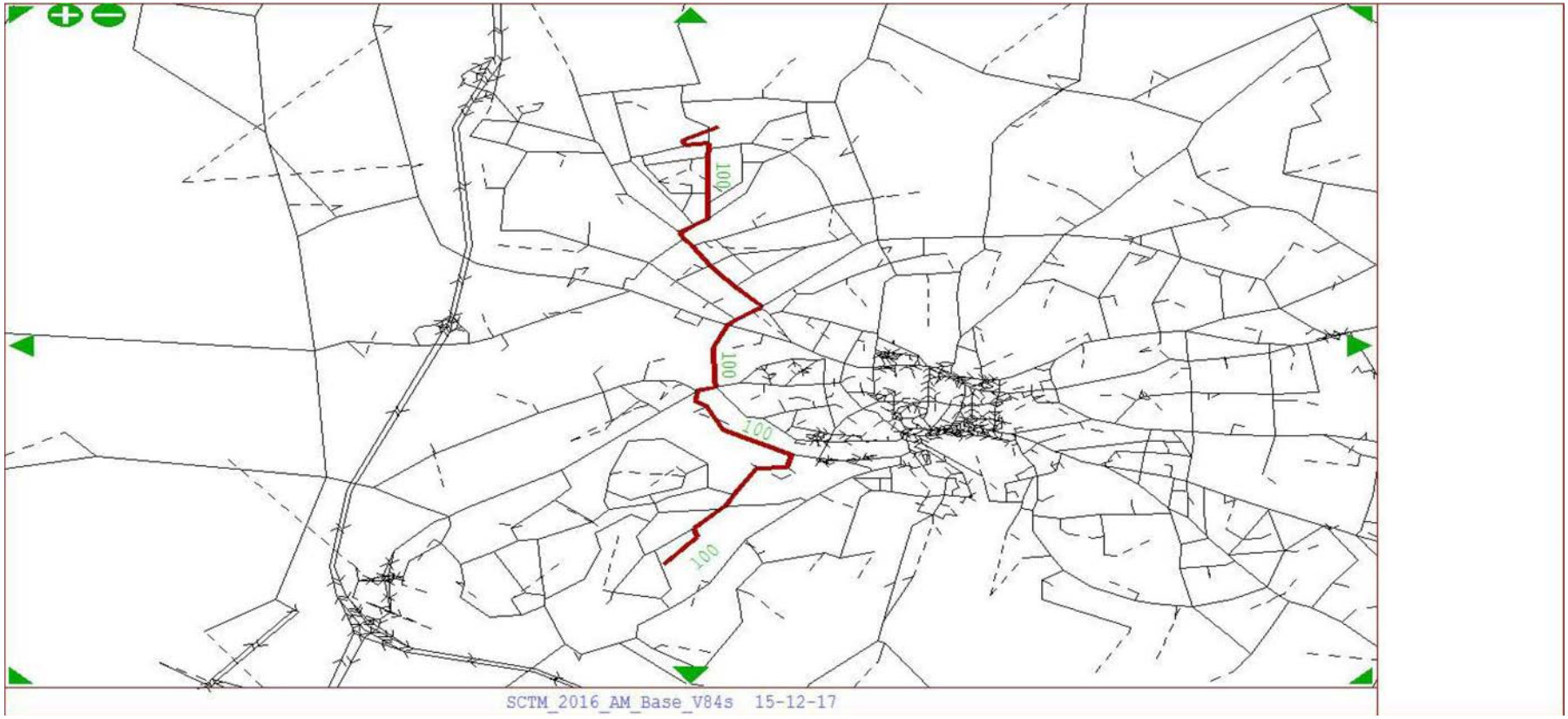
From Zone 676 To Zone 253 - User Class 10



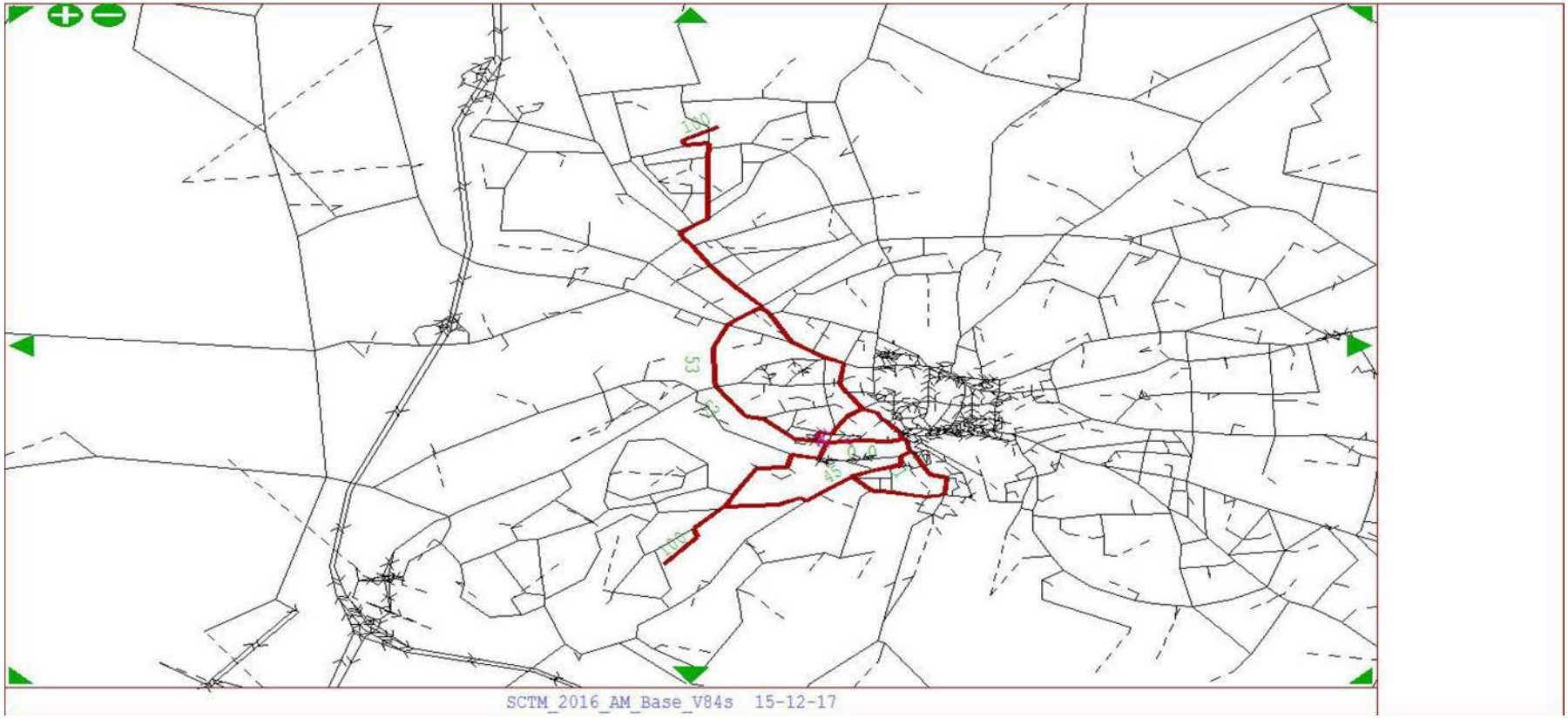
From Zone 114 To Zone 185 - User Class 2



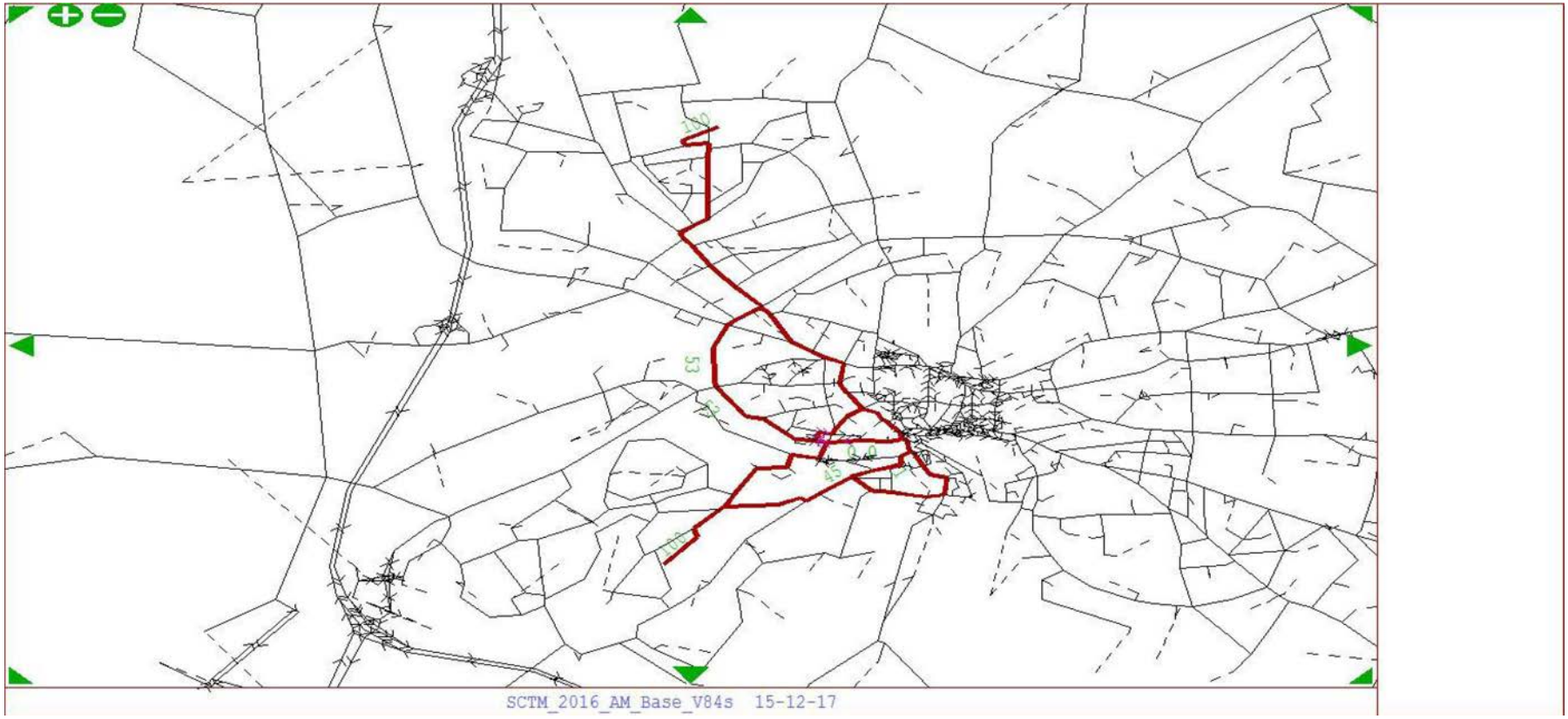
From Zone 114 To Zone 185 - User Class 10



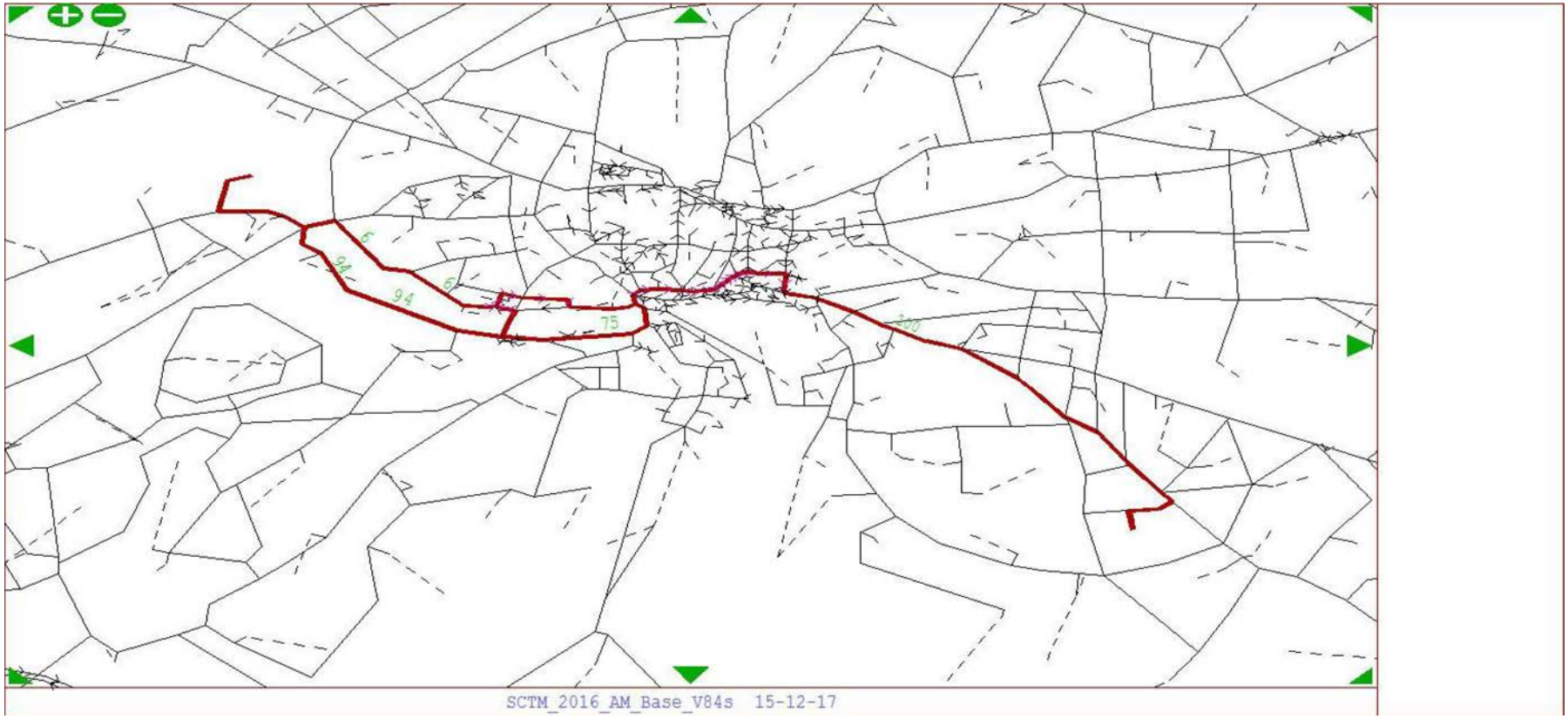
From Zone 185 To Zone 114 - User Class 2



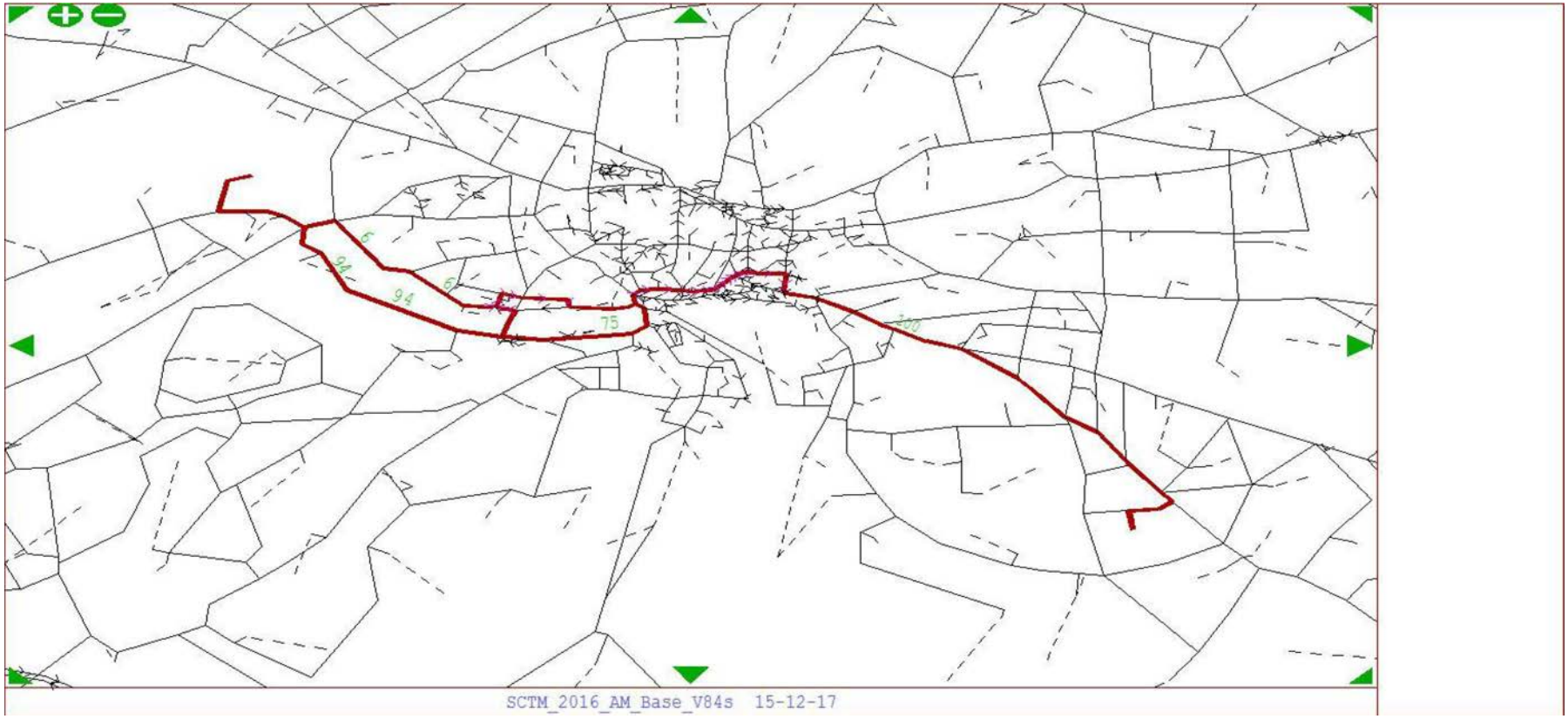
From Zone 185 To Zone 114 - User Class 10



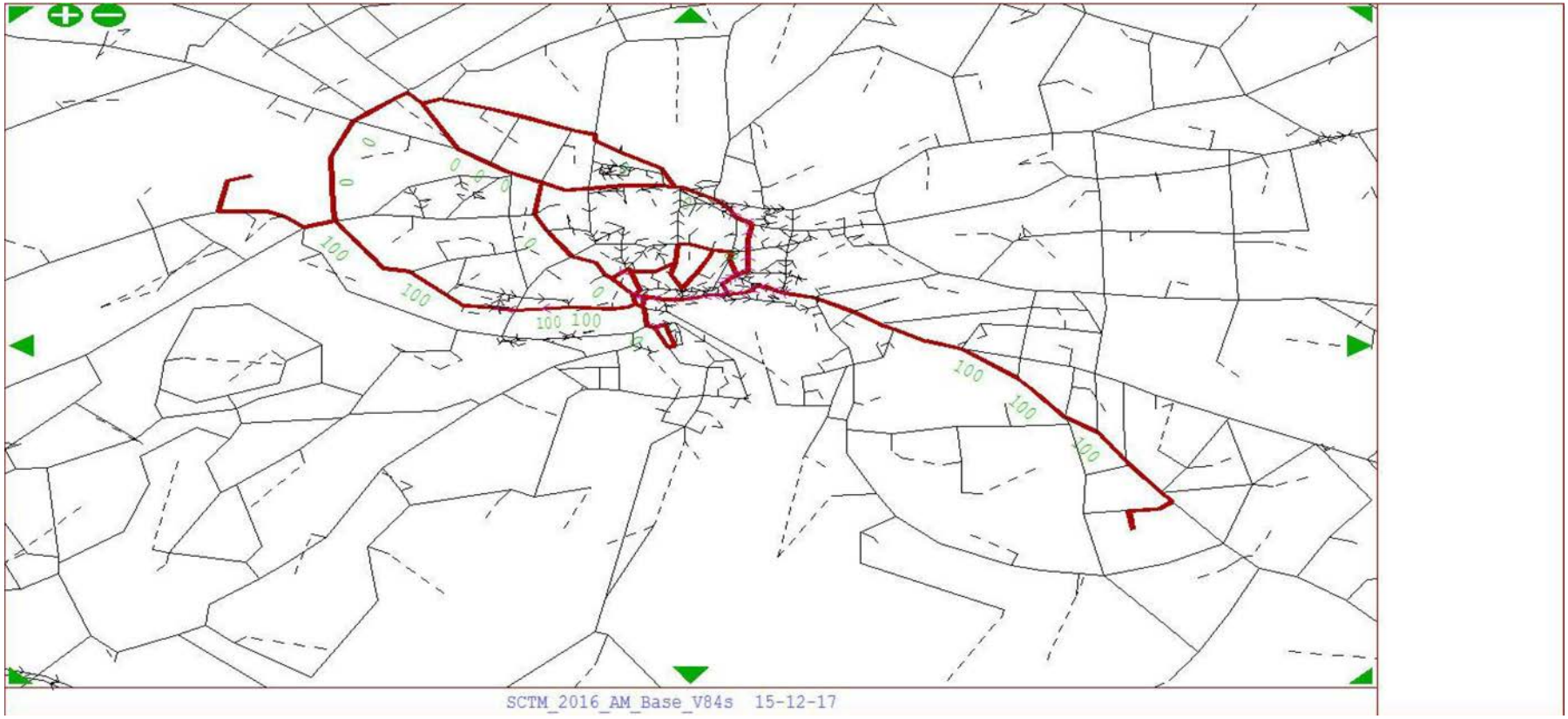
From Zone 735 To Zone 194 - User Class 2



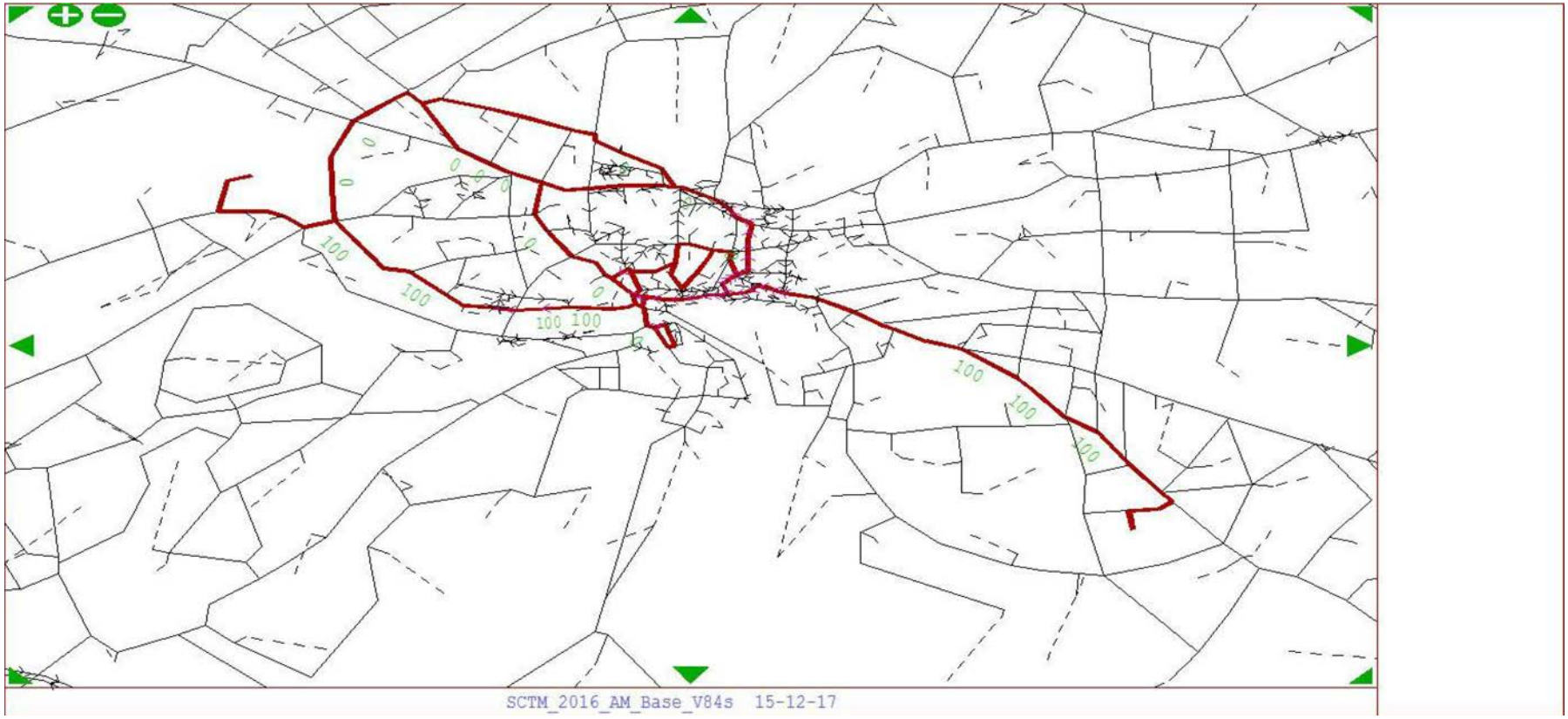
From Zone 735 To Zone 194 - User Class 10



From Zone 194 To Zone 735 - User Class 2



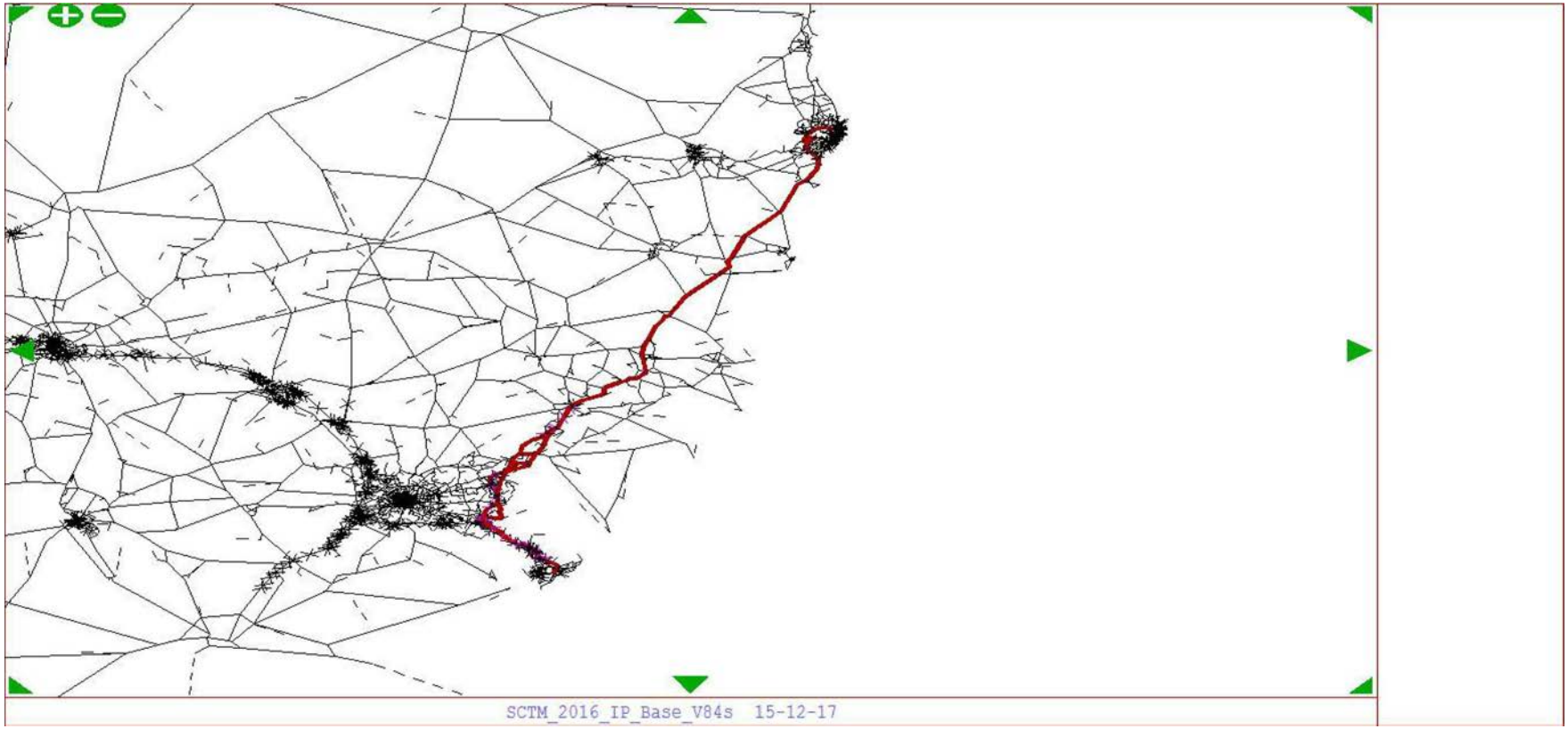
From Zone 194 To Zone 735 - User Class 10



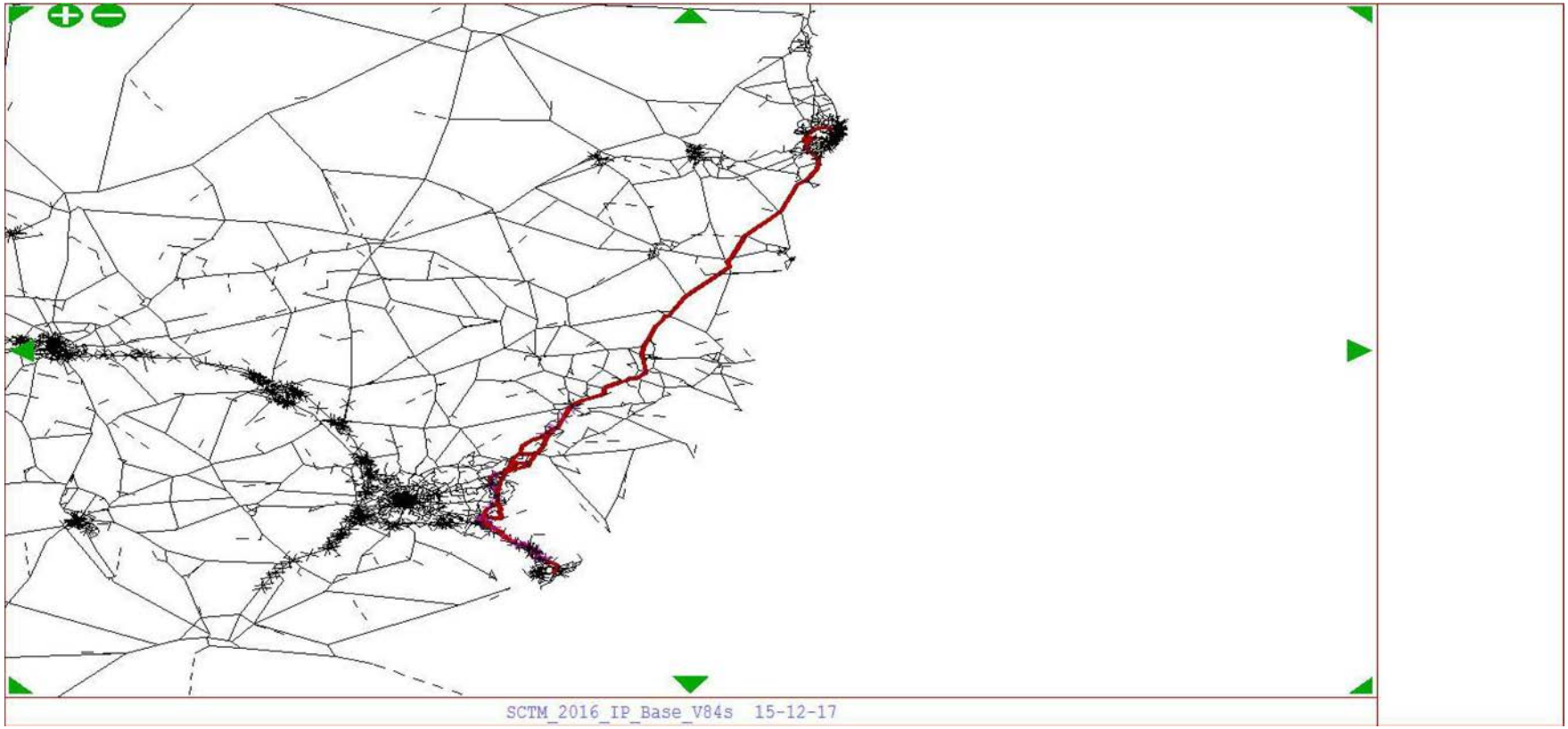
Appendix G.2

ROUTE CHOICE VALIDATION IP

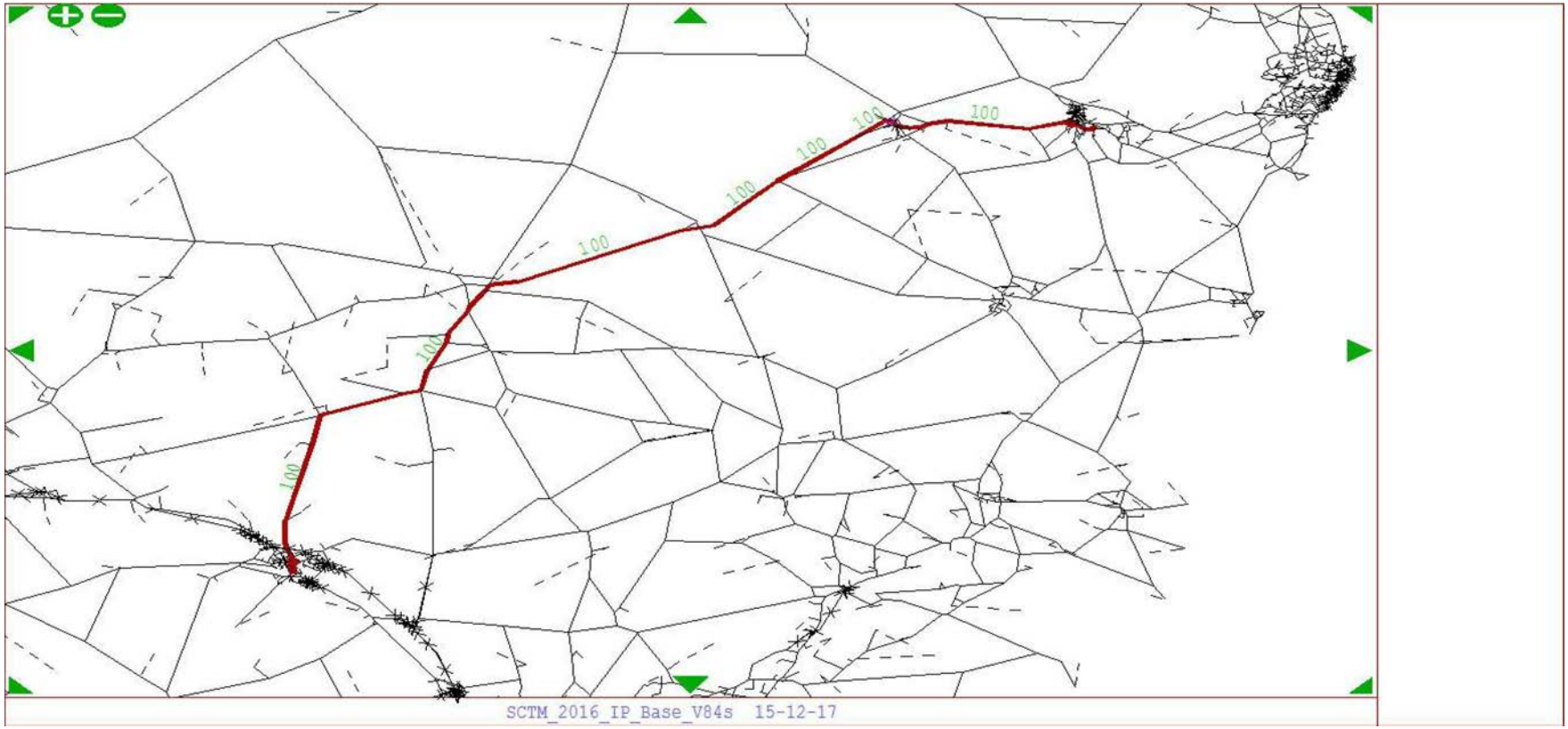
From Zone 391 To Zone 412 - User Class 6



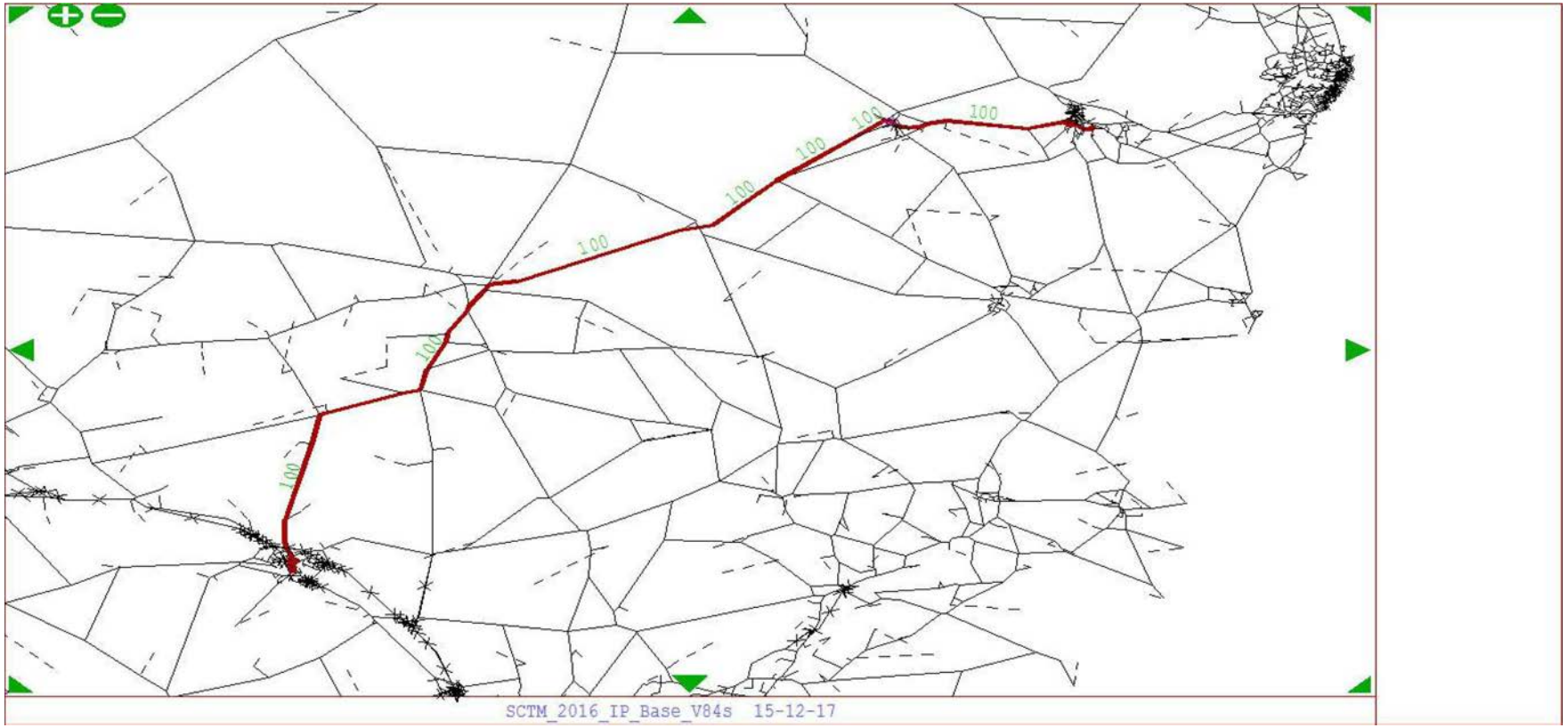
From Zone 391 To Zone 412 - User Class 10



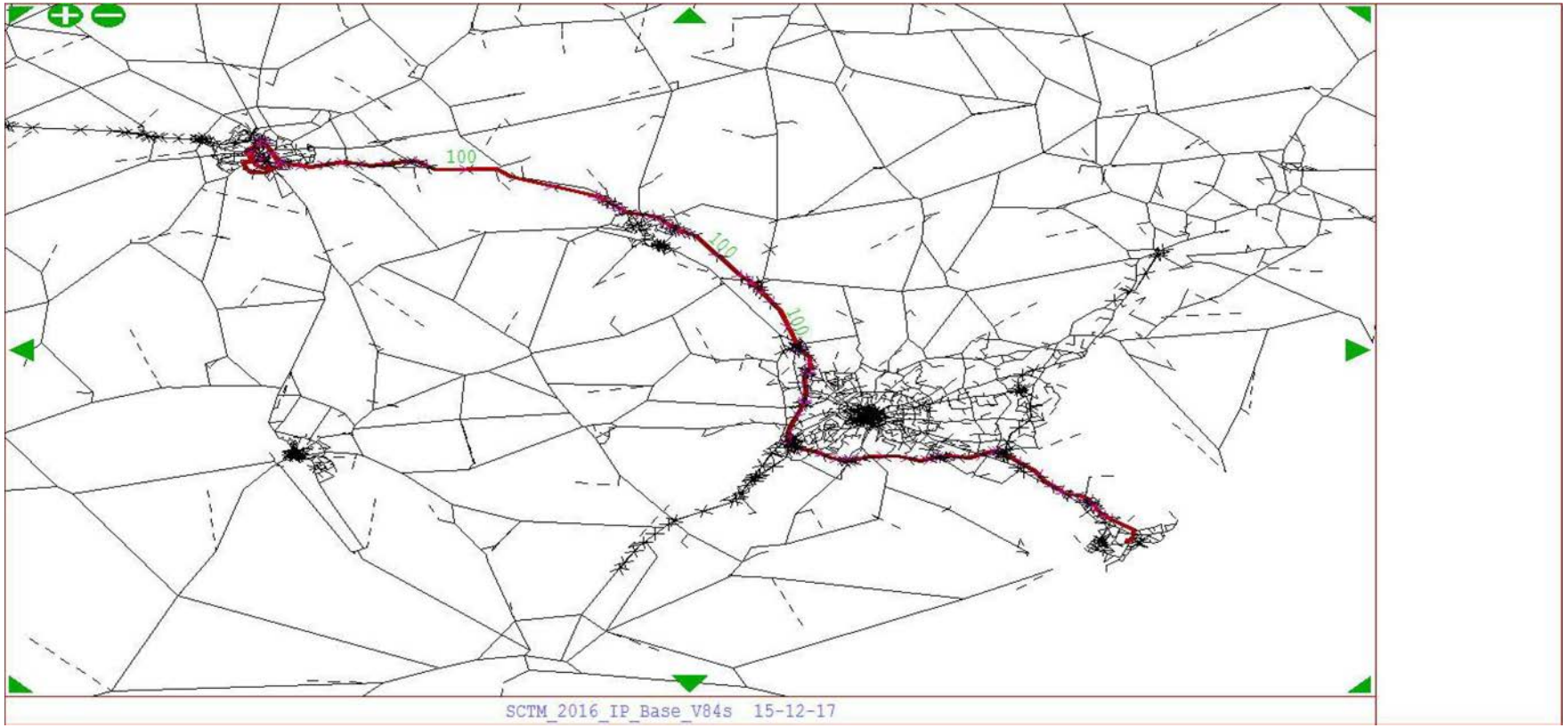
From Zone 238 To Zone 455 - User Class 6



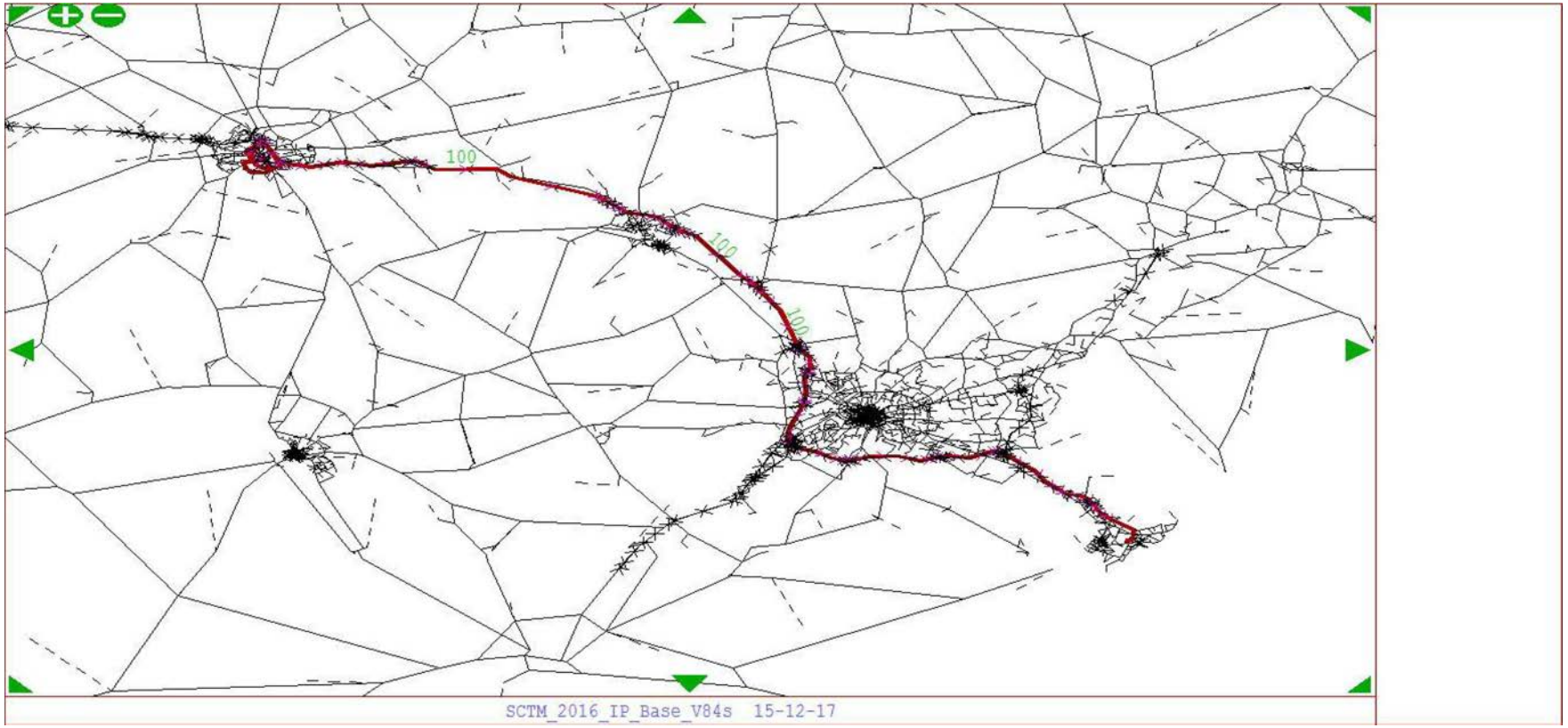
From Zone 238 To Zone 455 - User Class 10



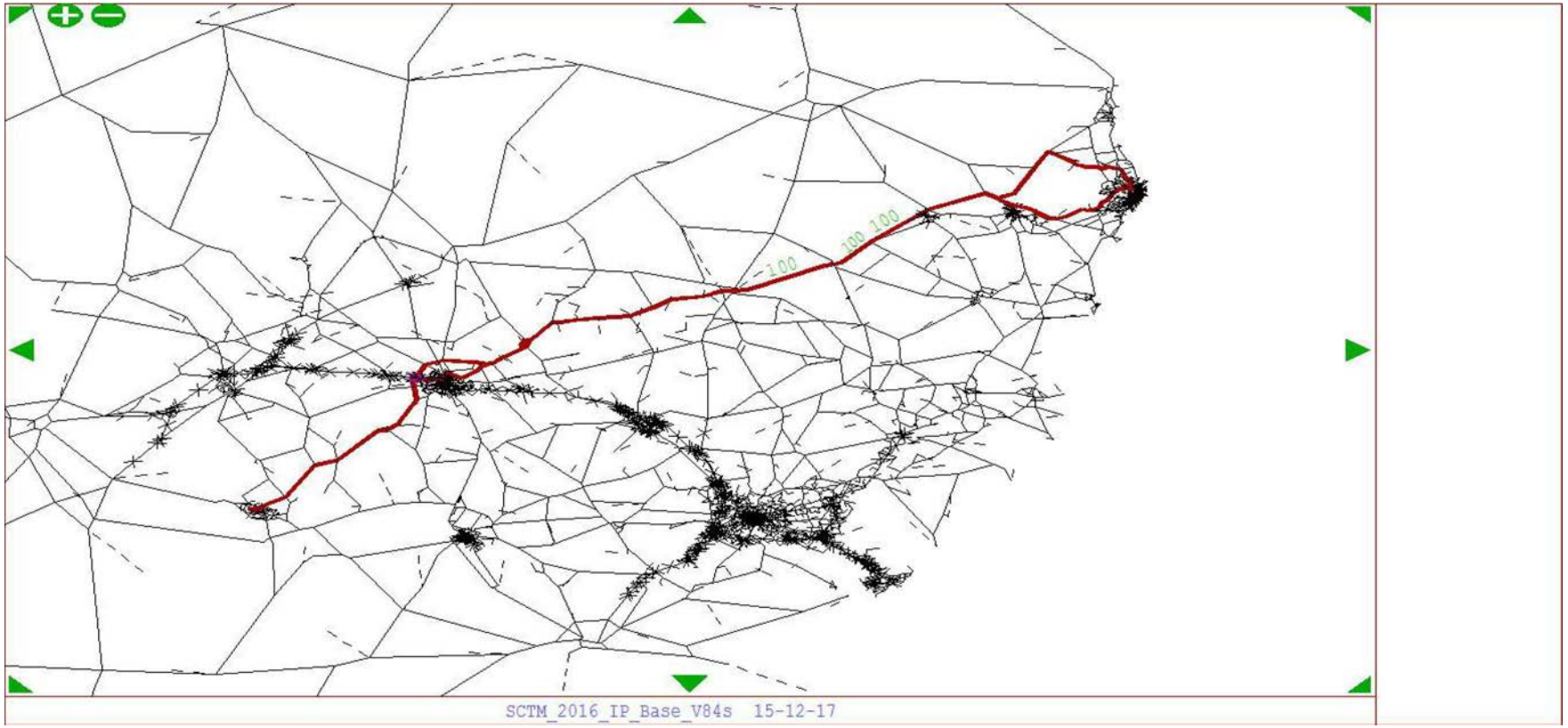
From Zone 287 To Zone 391 - User Class 6



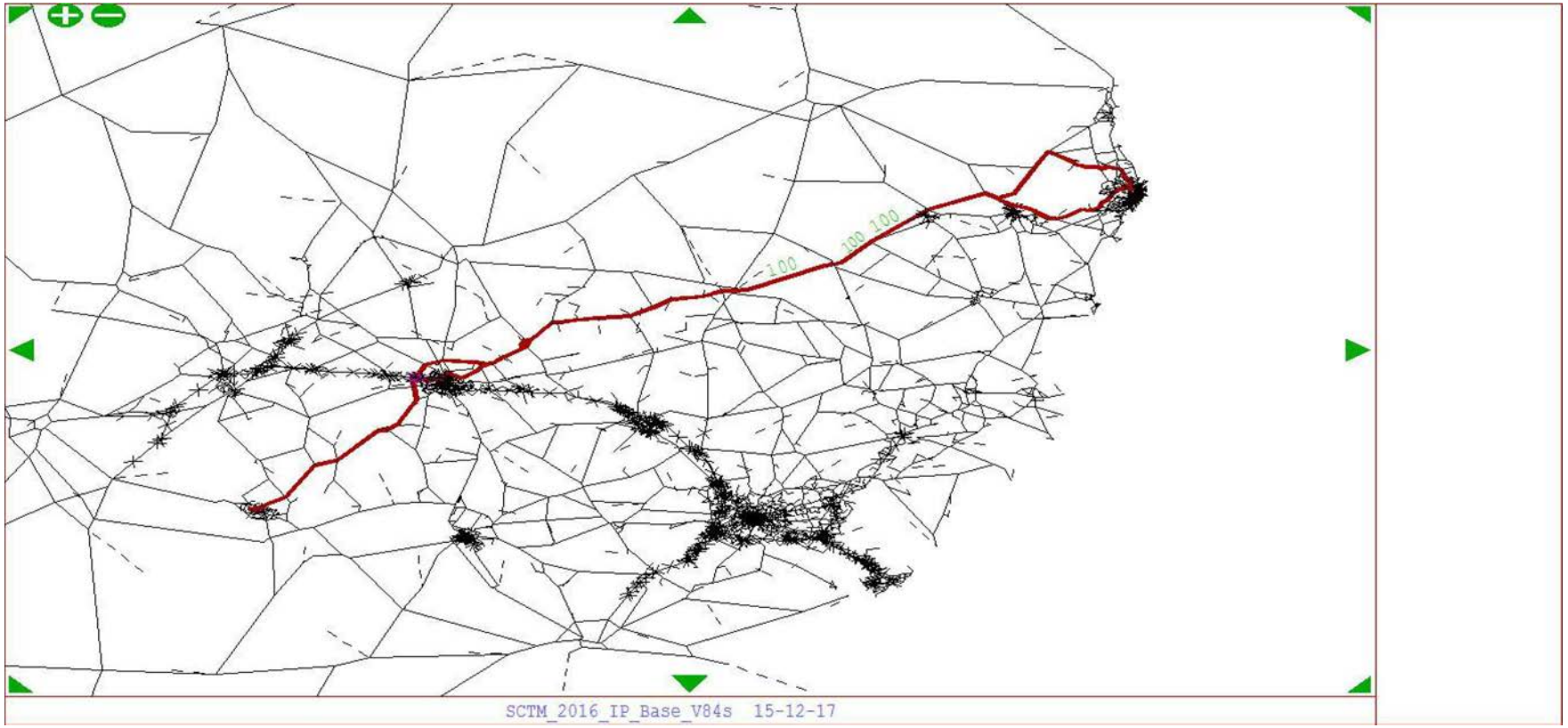
From Zone 287 To Zone 391 - User Class 10



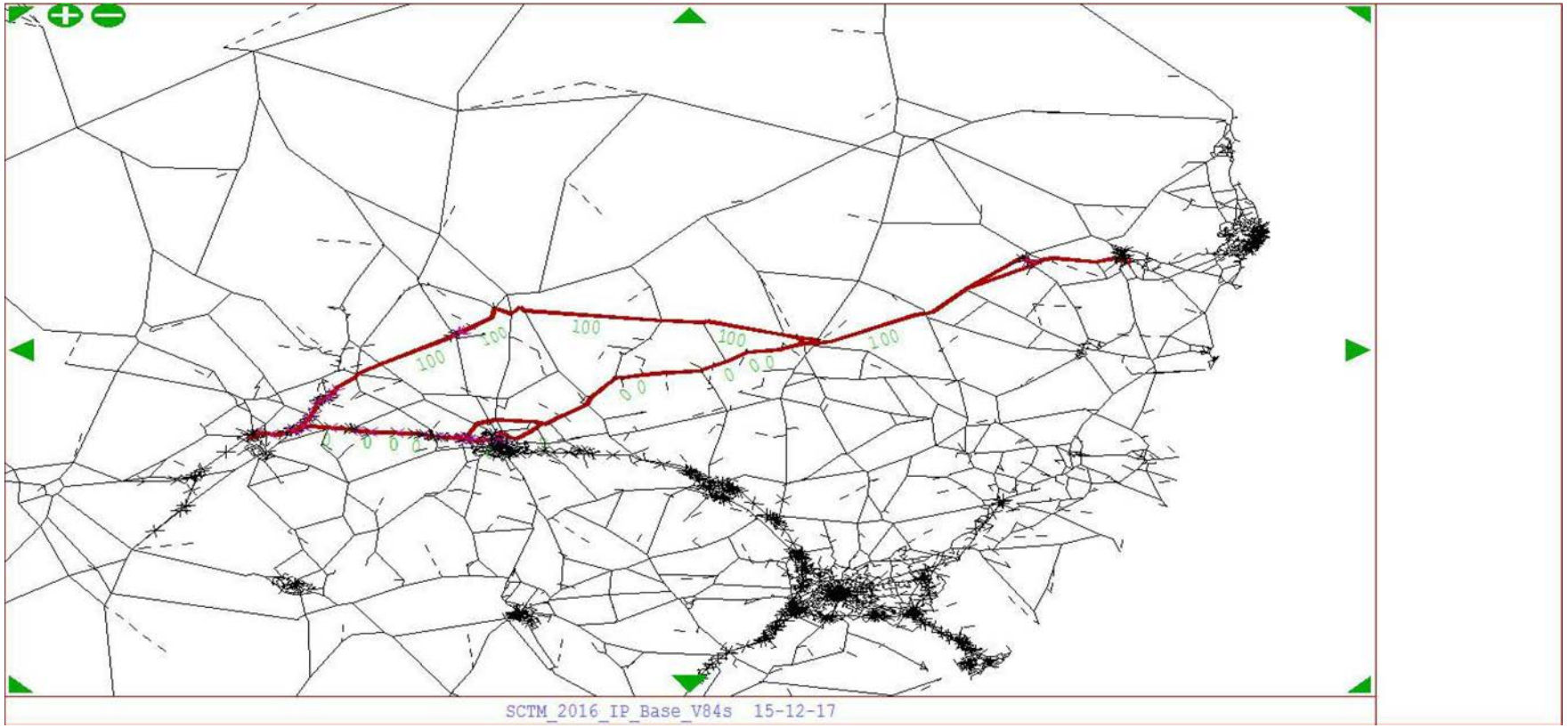
From Zone 316 To Zone 412 - User Class 6



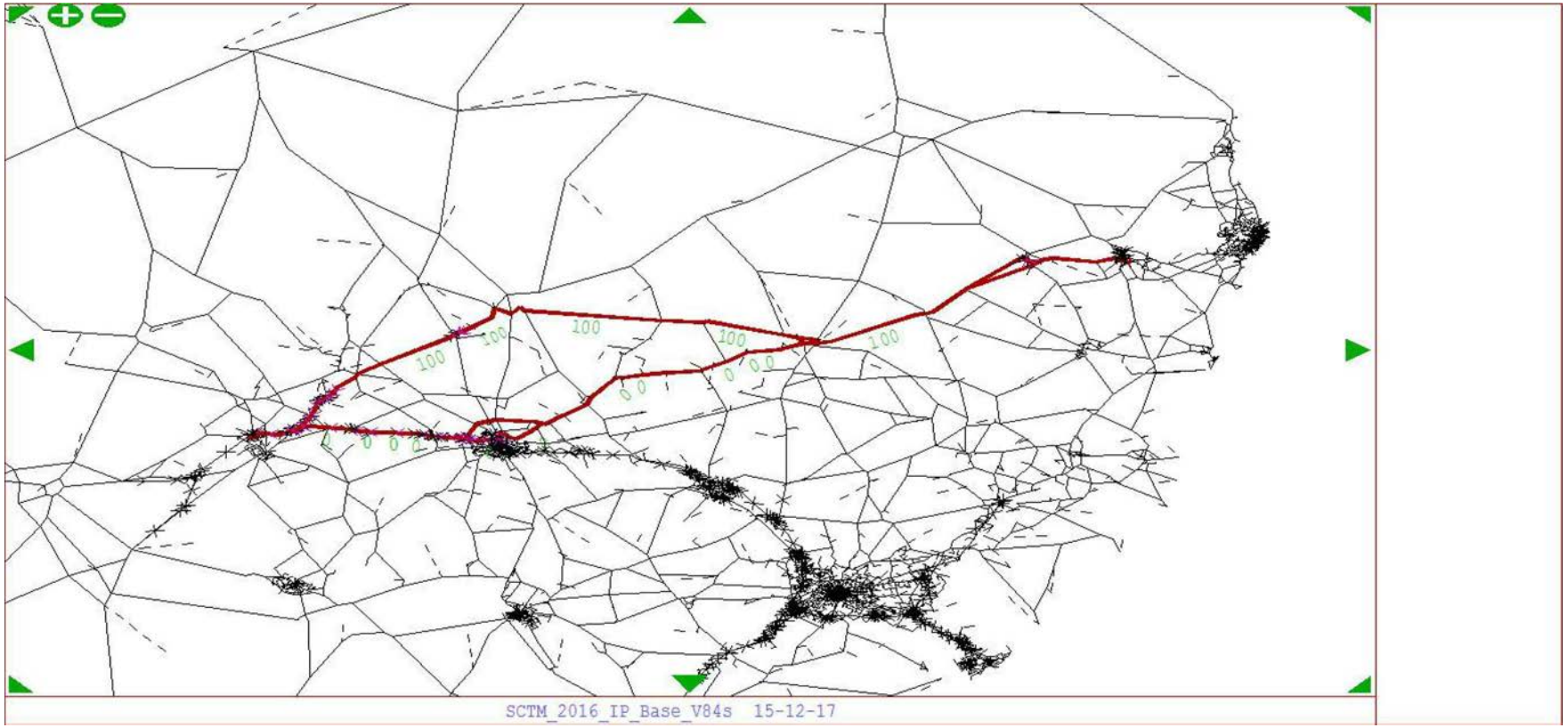
From Zone 316 To Zone 412 - User Class 10



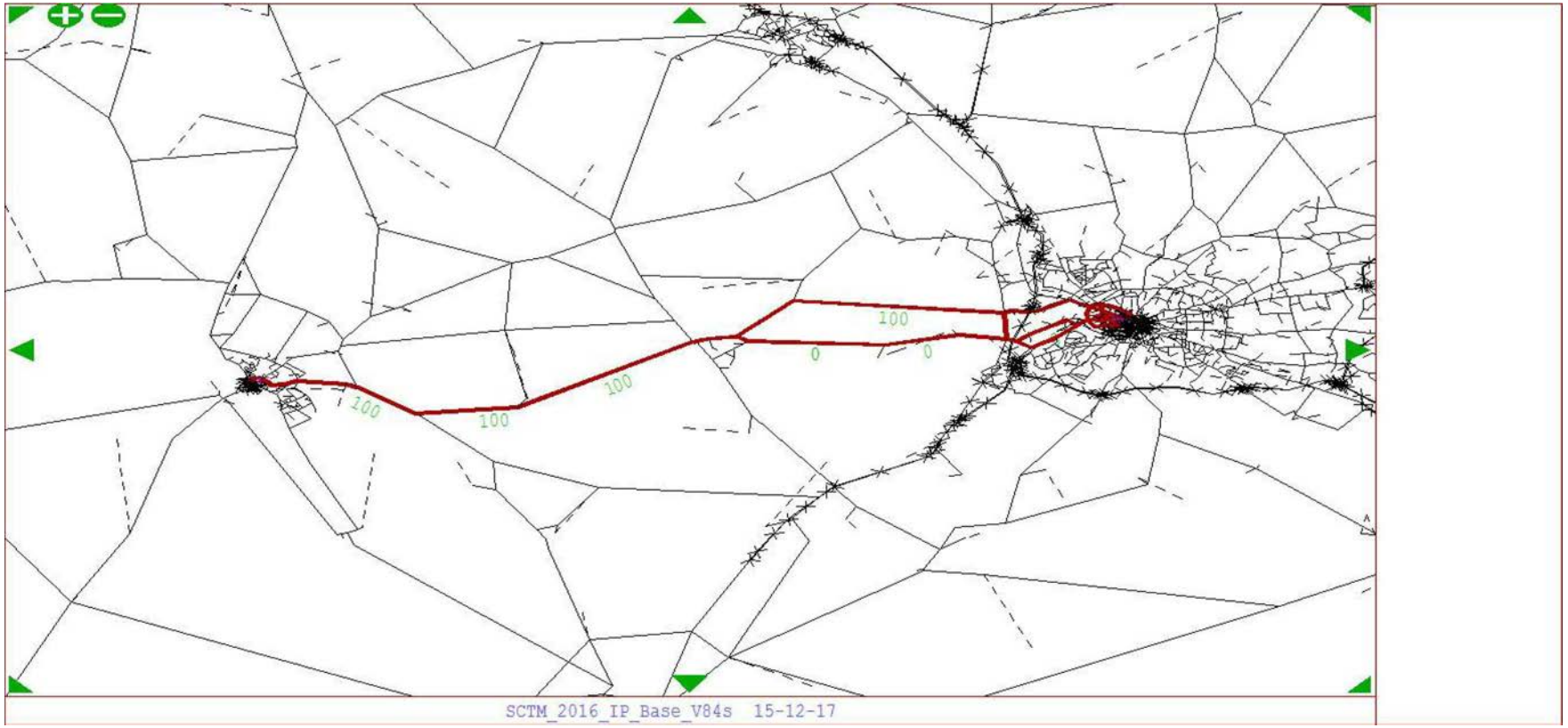
From Zone 455 To Zone 95 - User Class 6



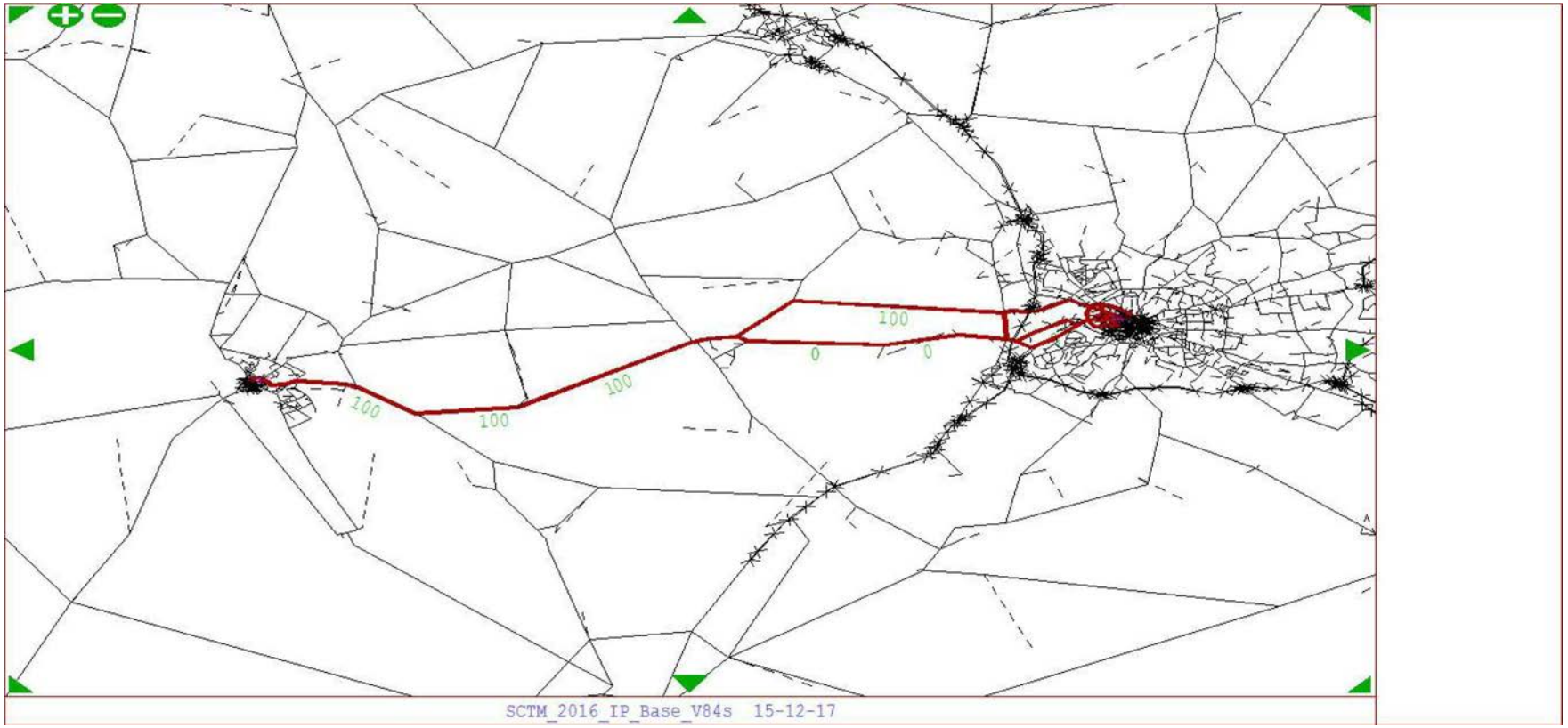
From Zone 455 To Zone 95 - User Class 10



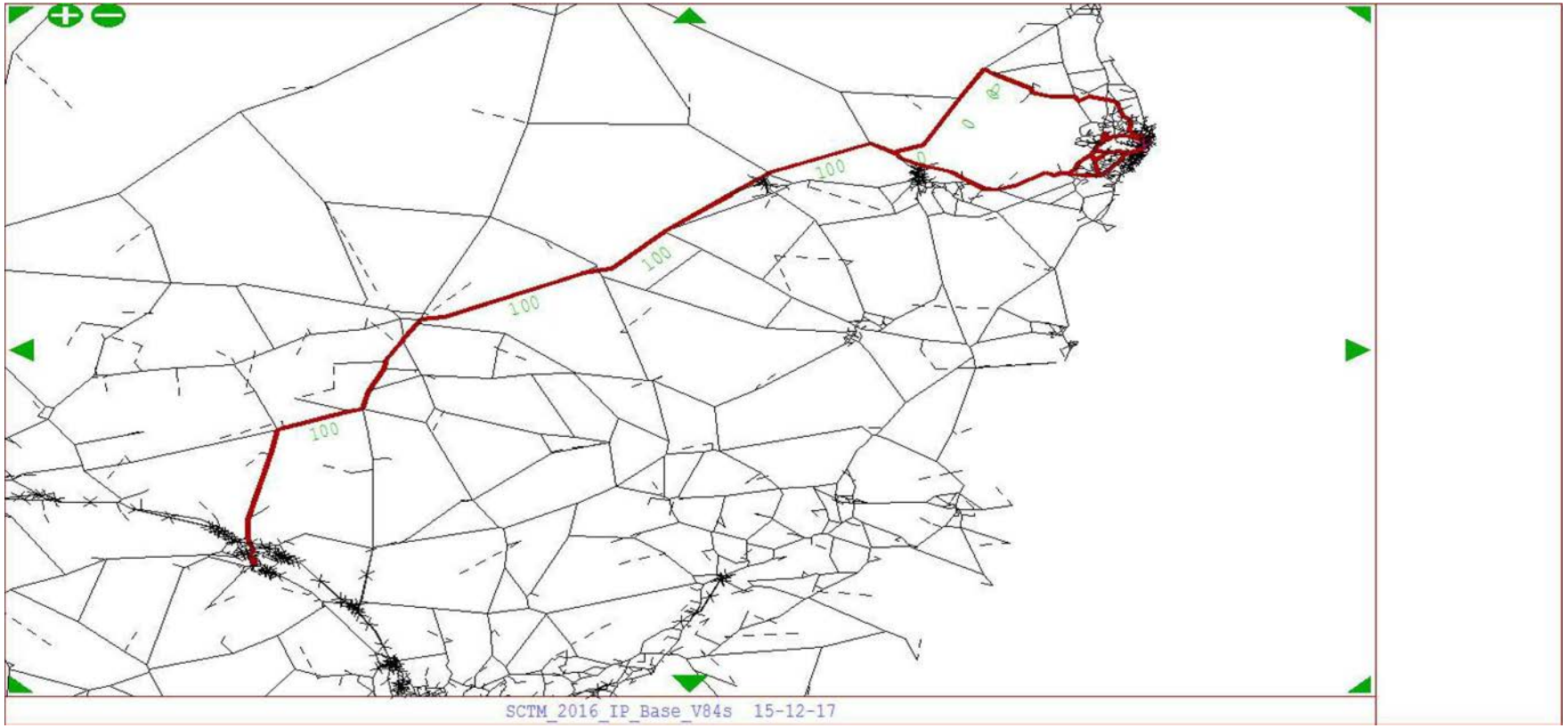
From Zone 146 To Zone 33 - User Class 6



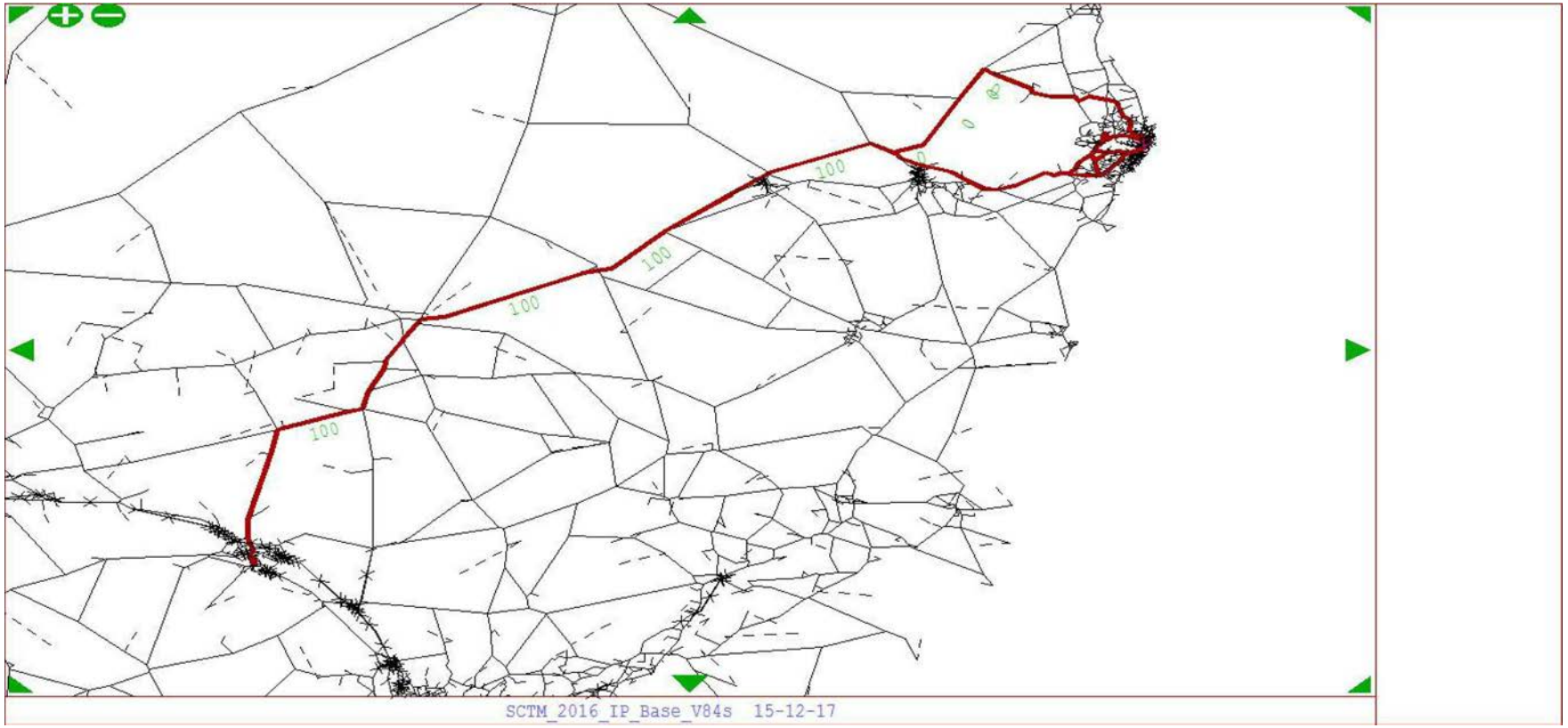
From Zone 146 To Zone 33 - User Class 10



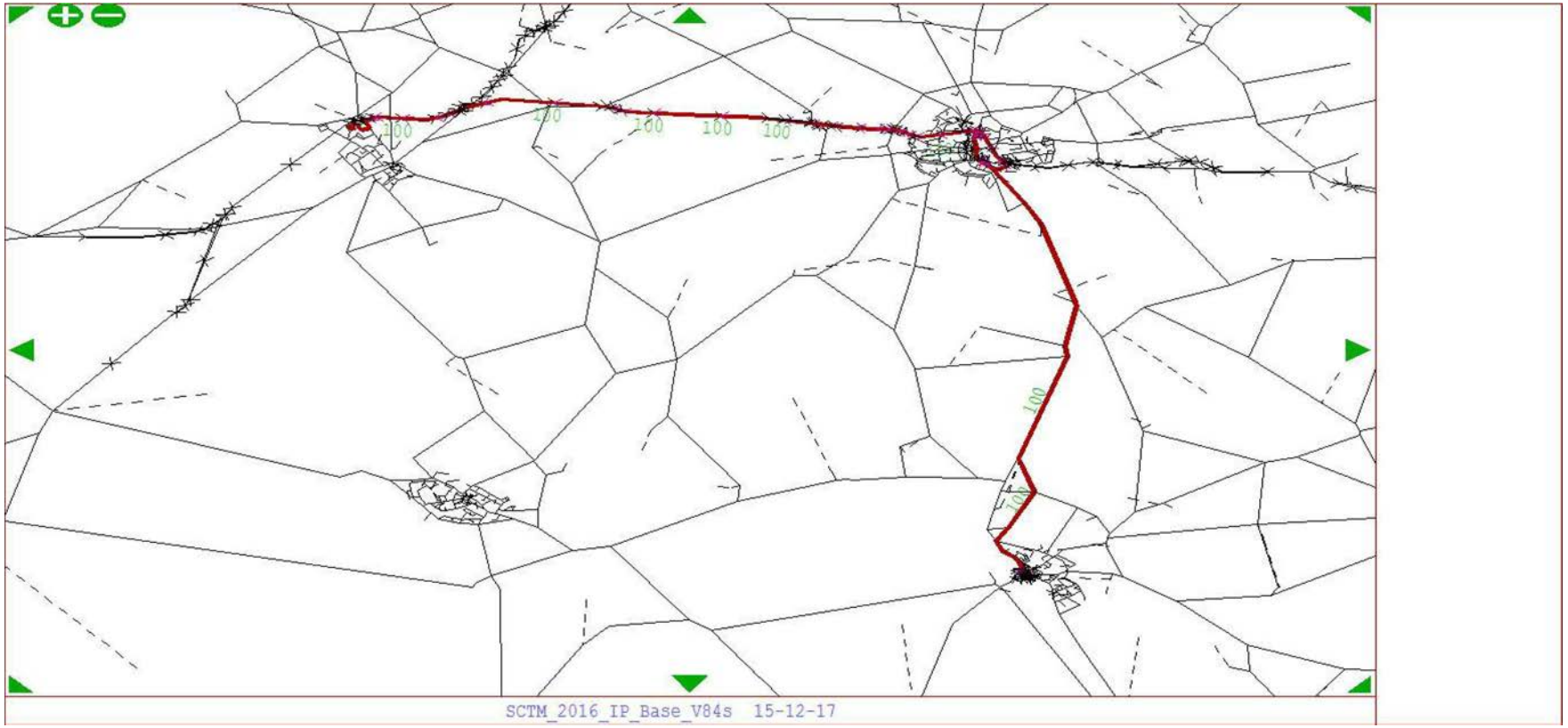
From Zone 412 To Zone 238 - User Class 6



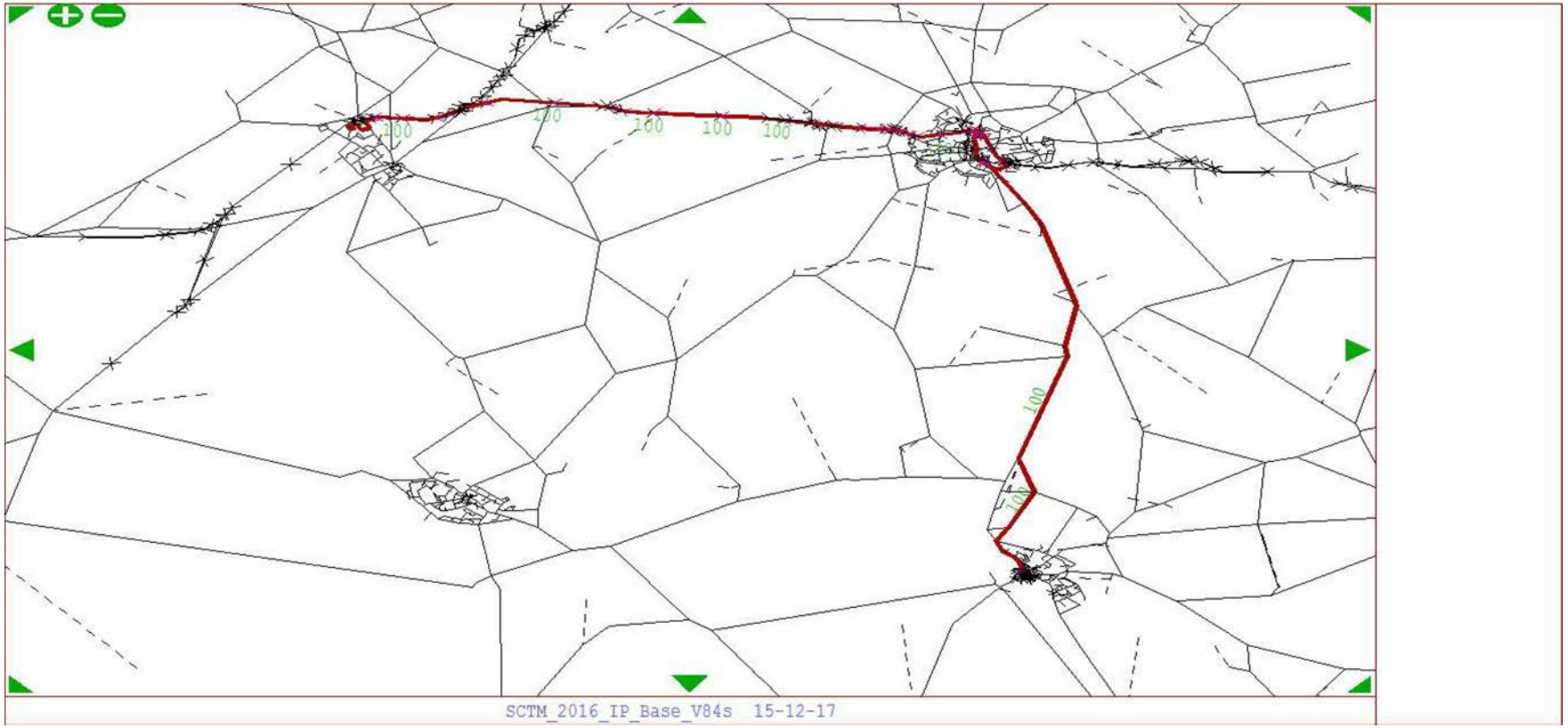
From Zone 412 To Zone 238 - User Class 10



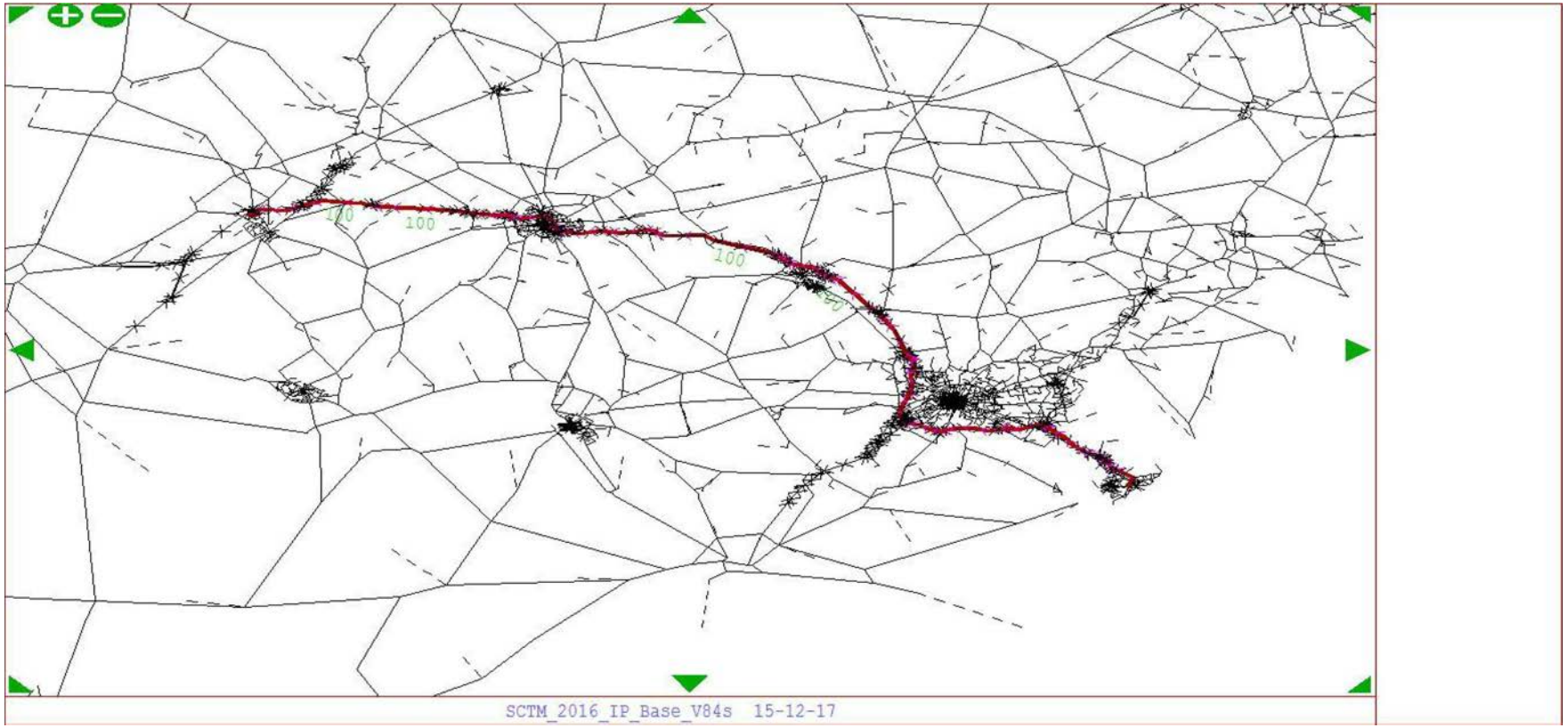
From Zone 33 To Zone 95 - User Class 6



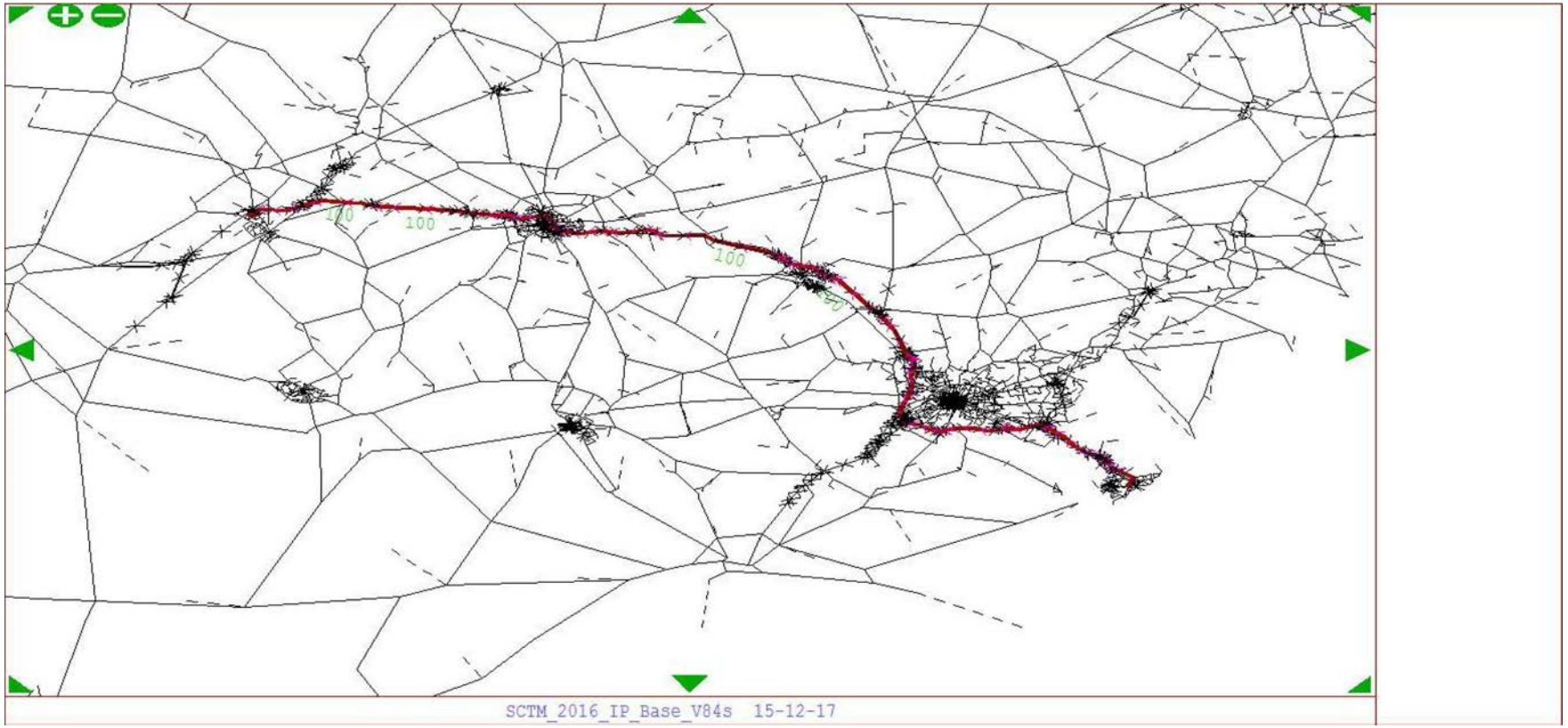
From Zone 33 To Zone 95 - User Class 10



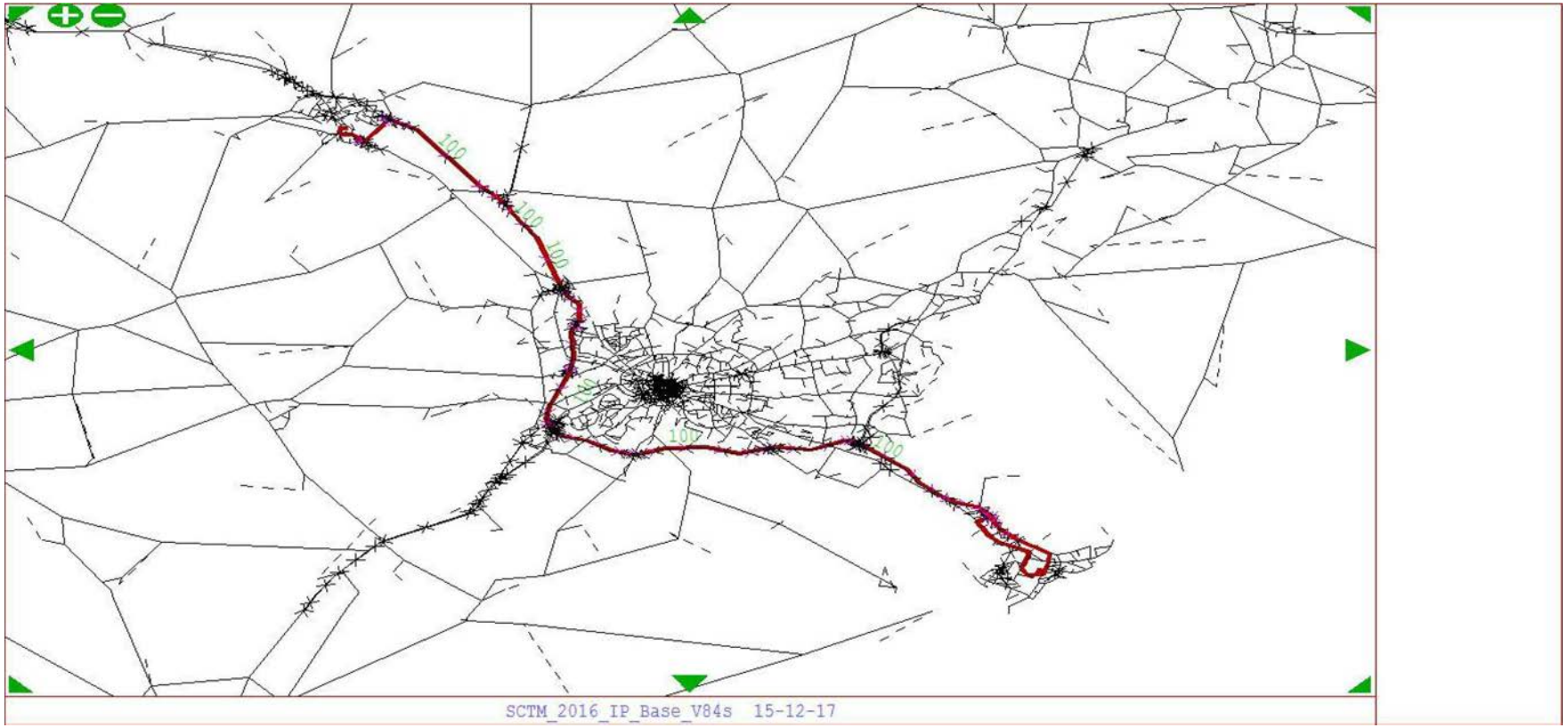
From Zone 391 To Zone 95 - User Class 6



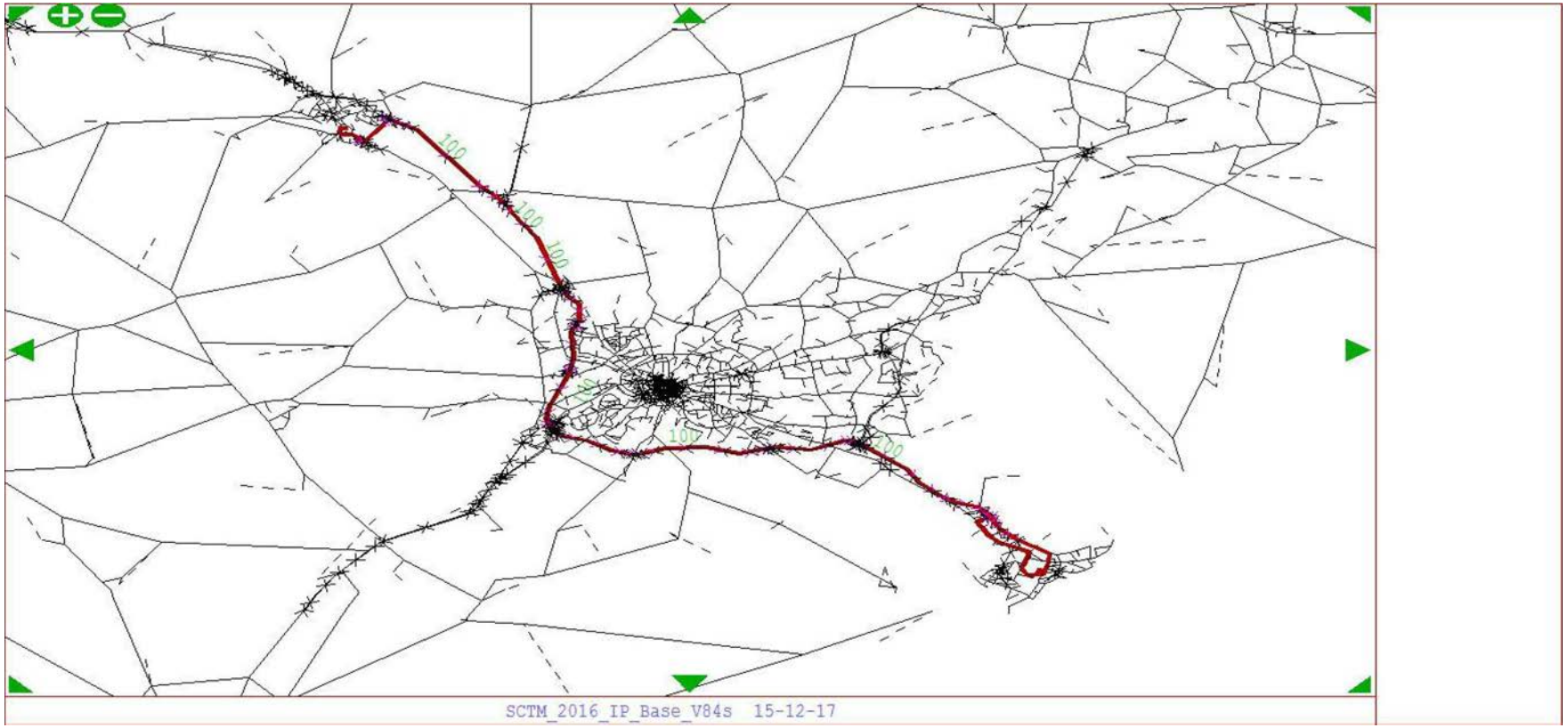
From Zone 391 To Zone 95 - User Class 10



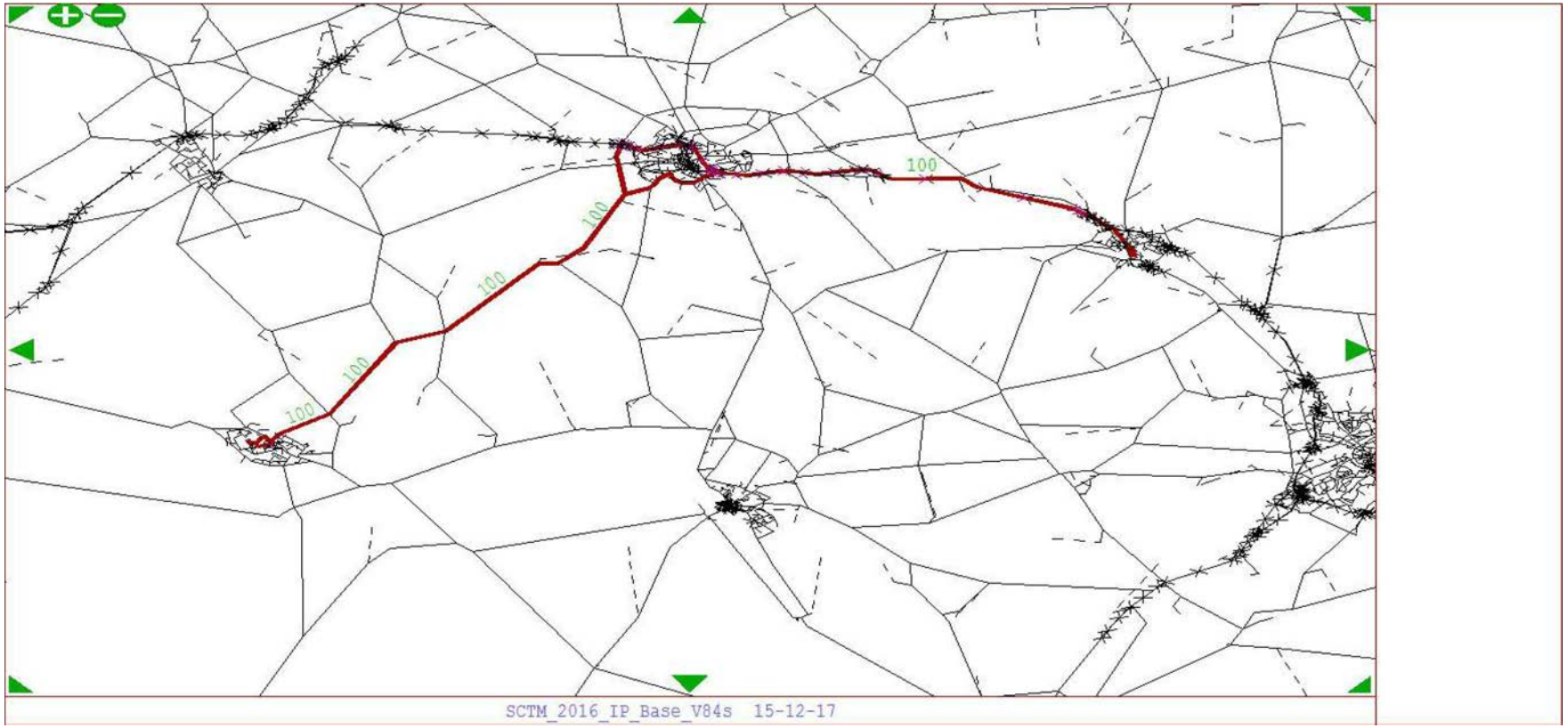
From Zone 238 To Zone 391 - User Class 6



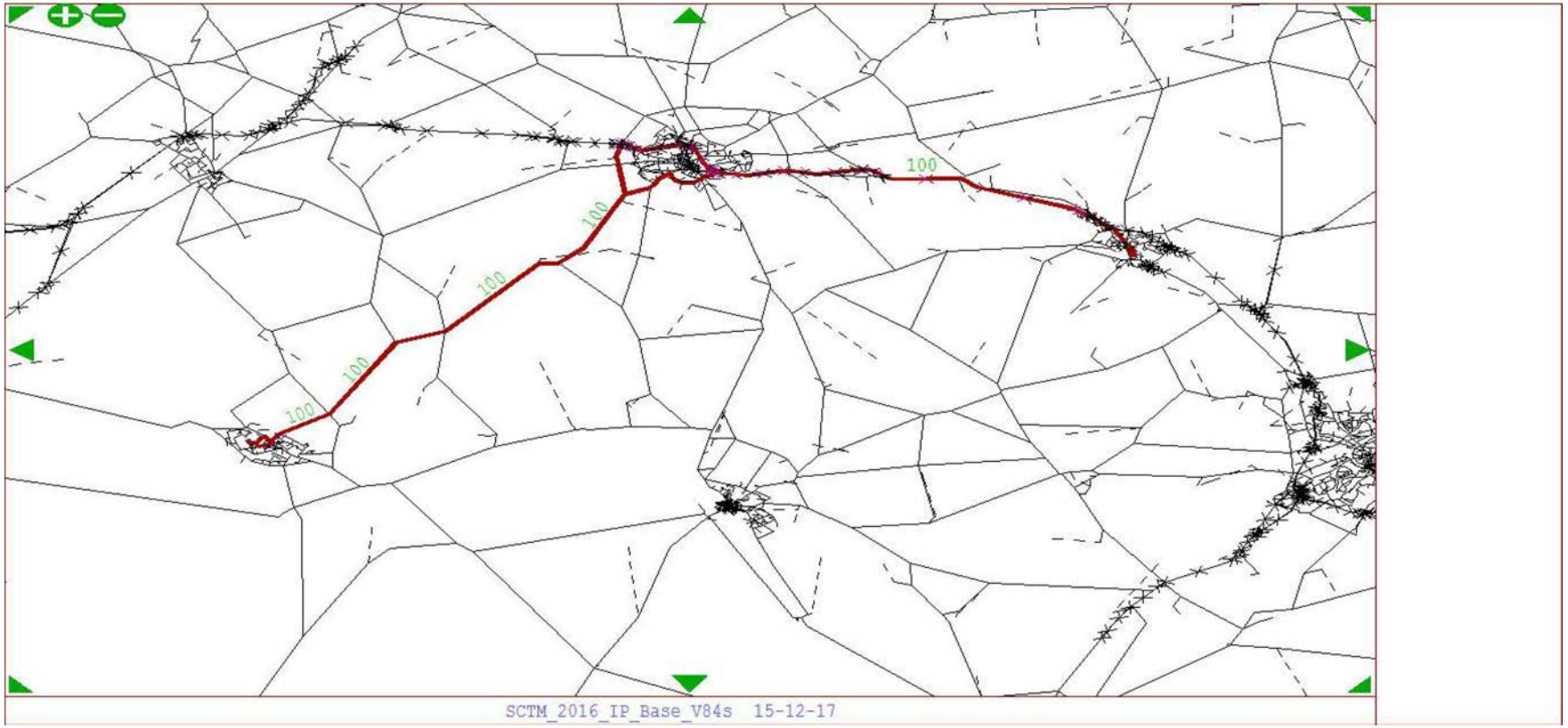
From Zone 238 To Zone 391 - User Class 10



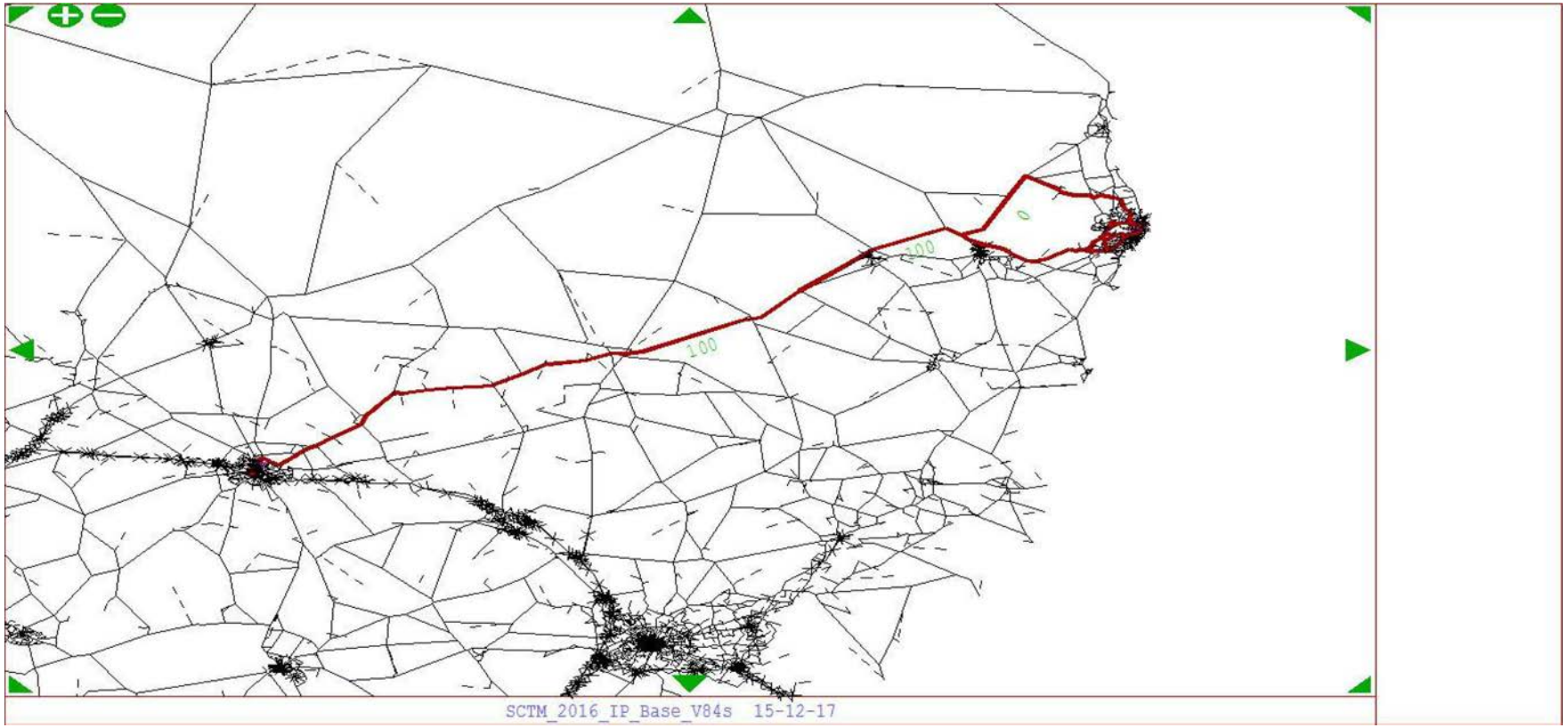
From Zone 316 To Zone 238 - User Class 6



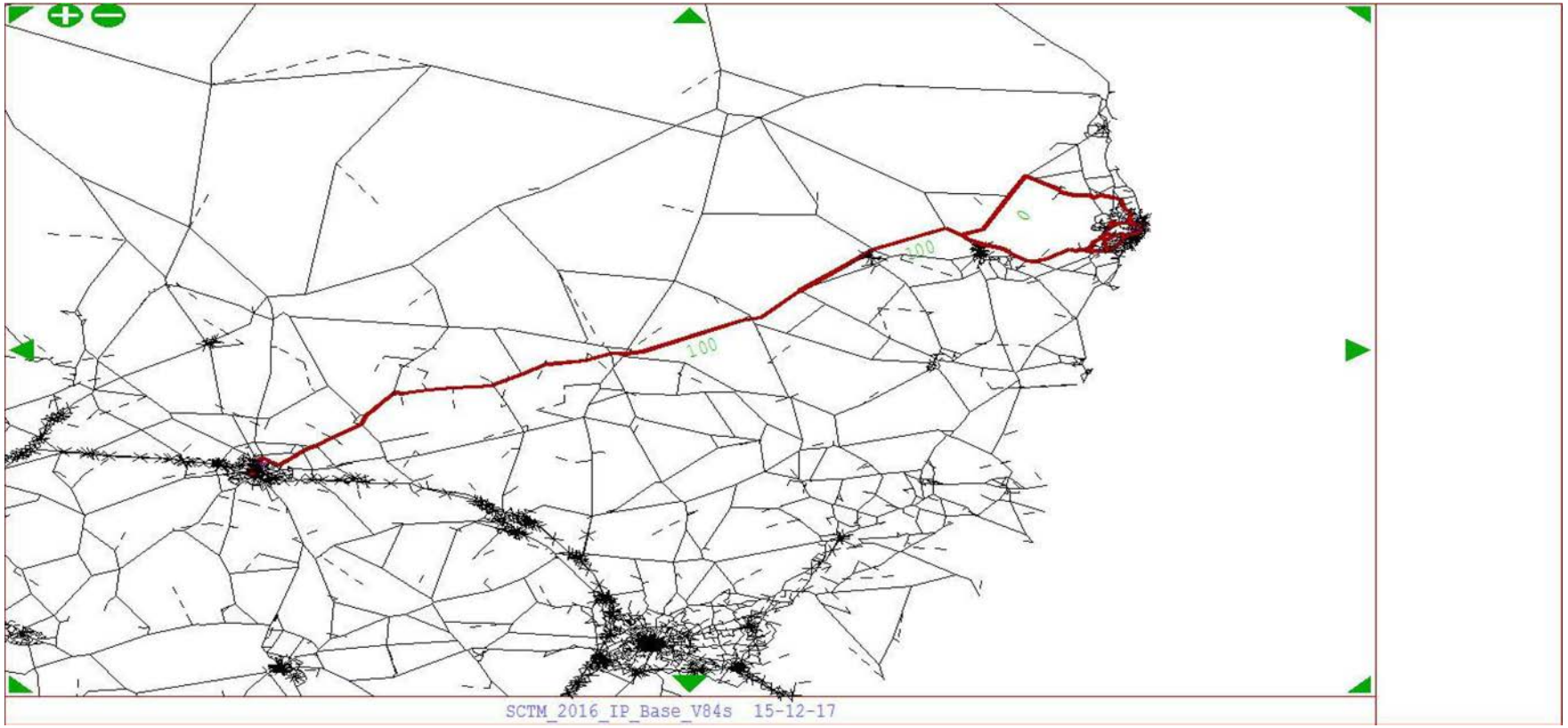
From Zone 316 To Zone 238 - User Class 10



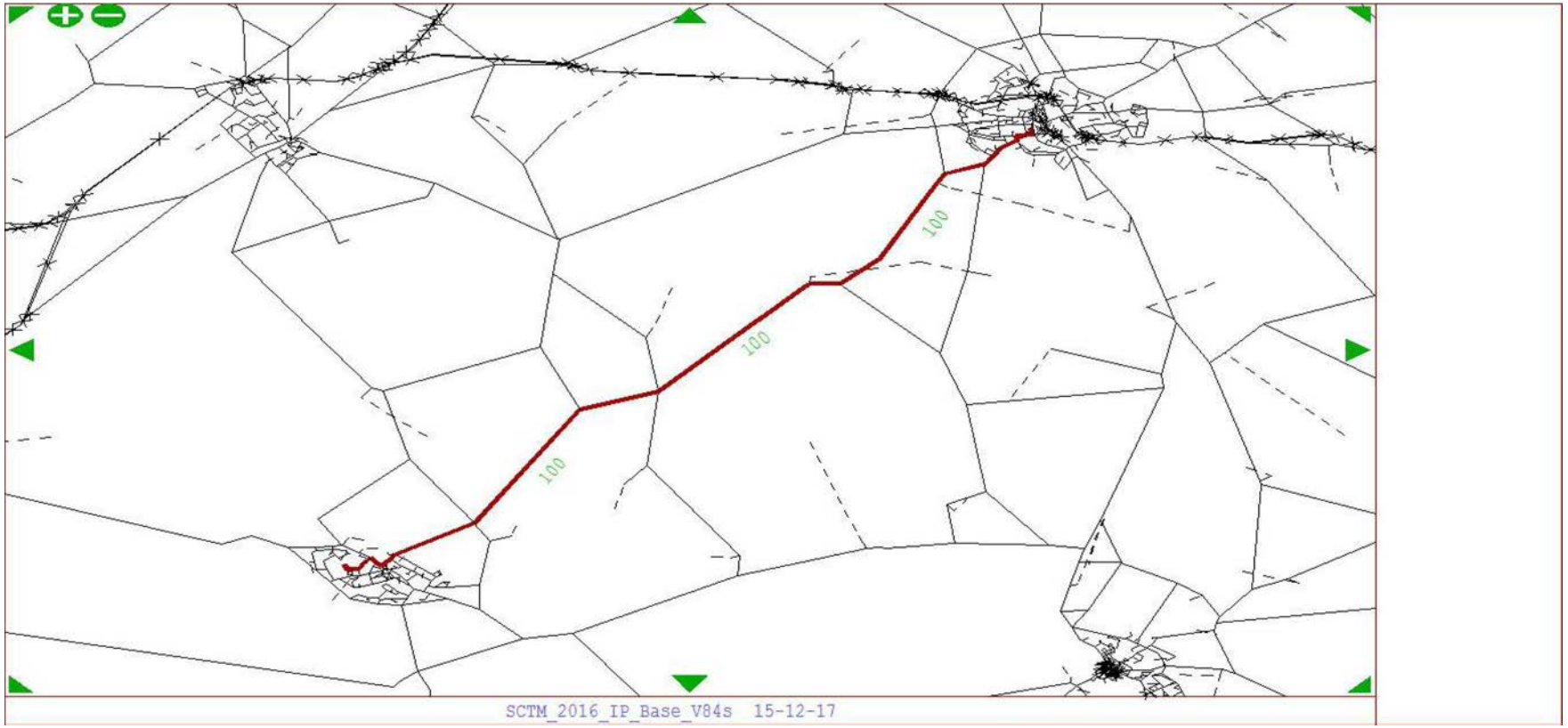
From Zone 412 To Zone 287 - User Class 6



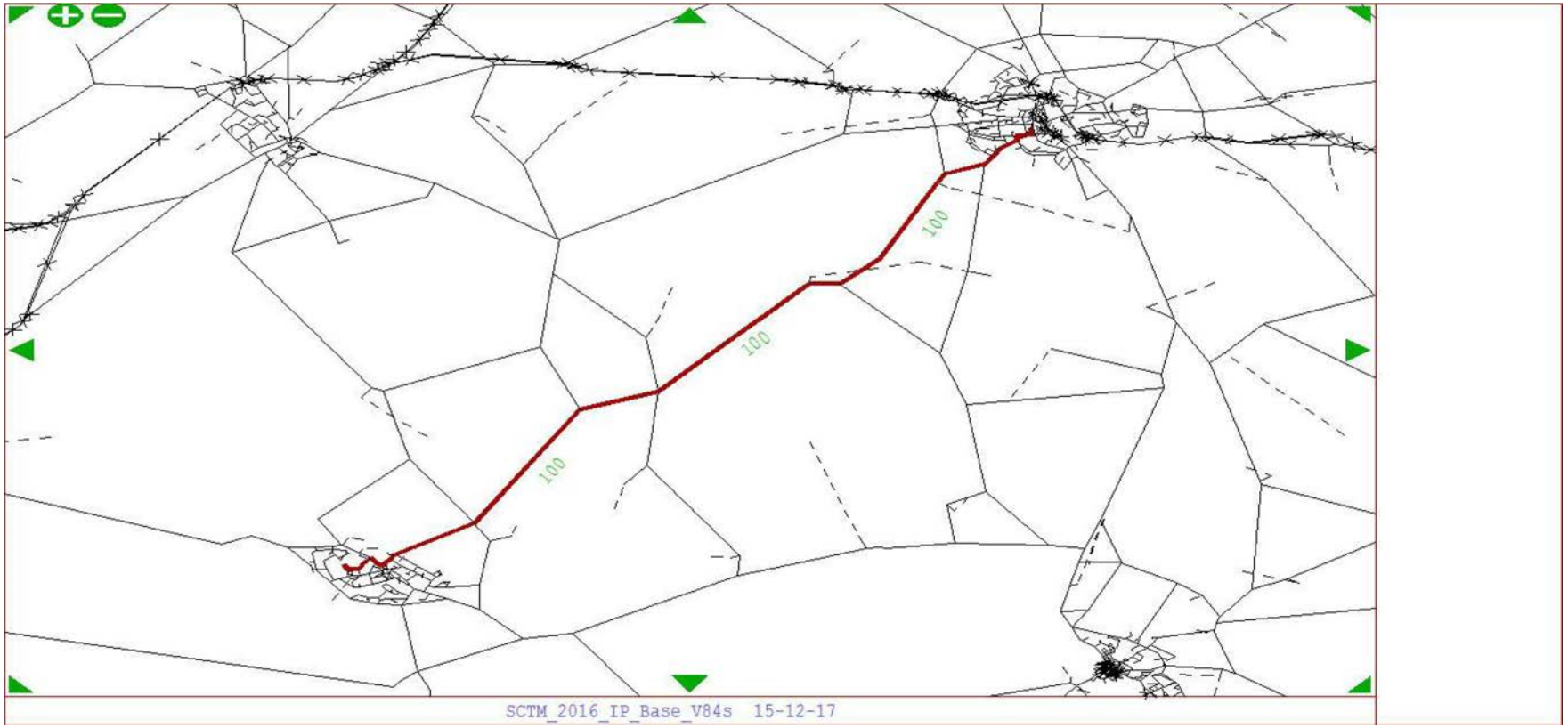
From Zone 412 To Zone 287 - User Class 10



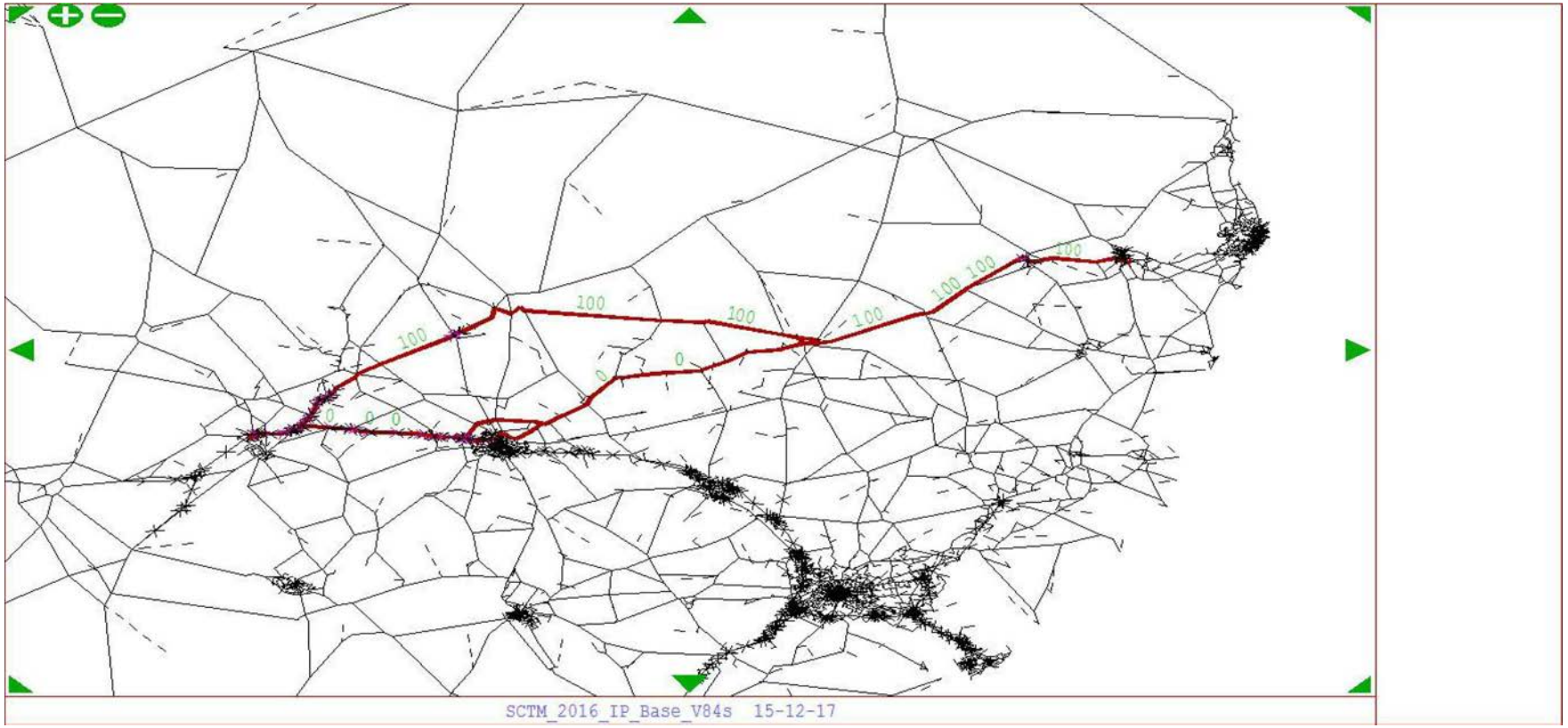
From Zone 287 To Zone 316 - User Class 6



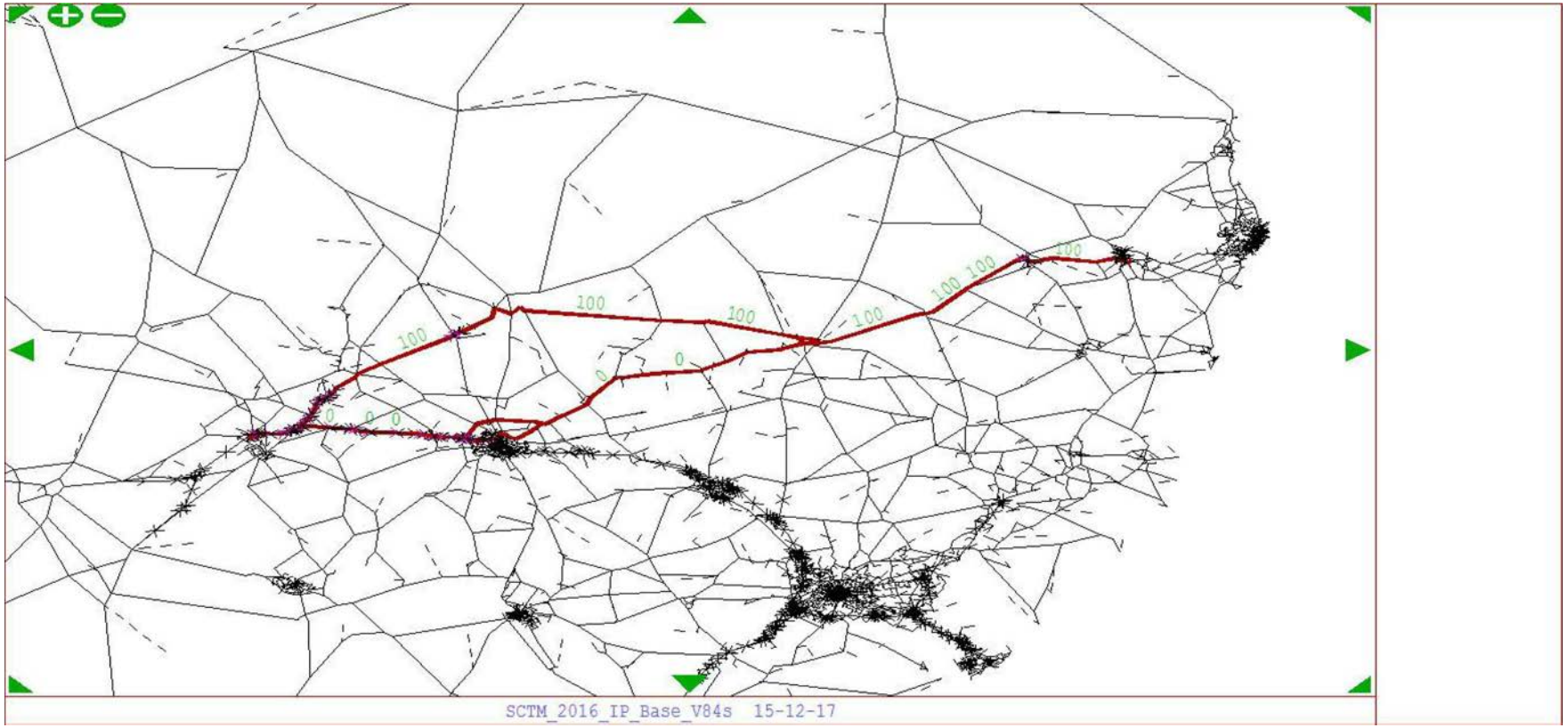
From Zone 287 To Zone 316 - User Class 10



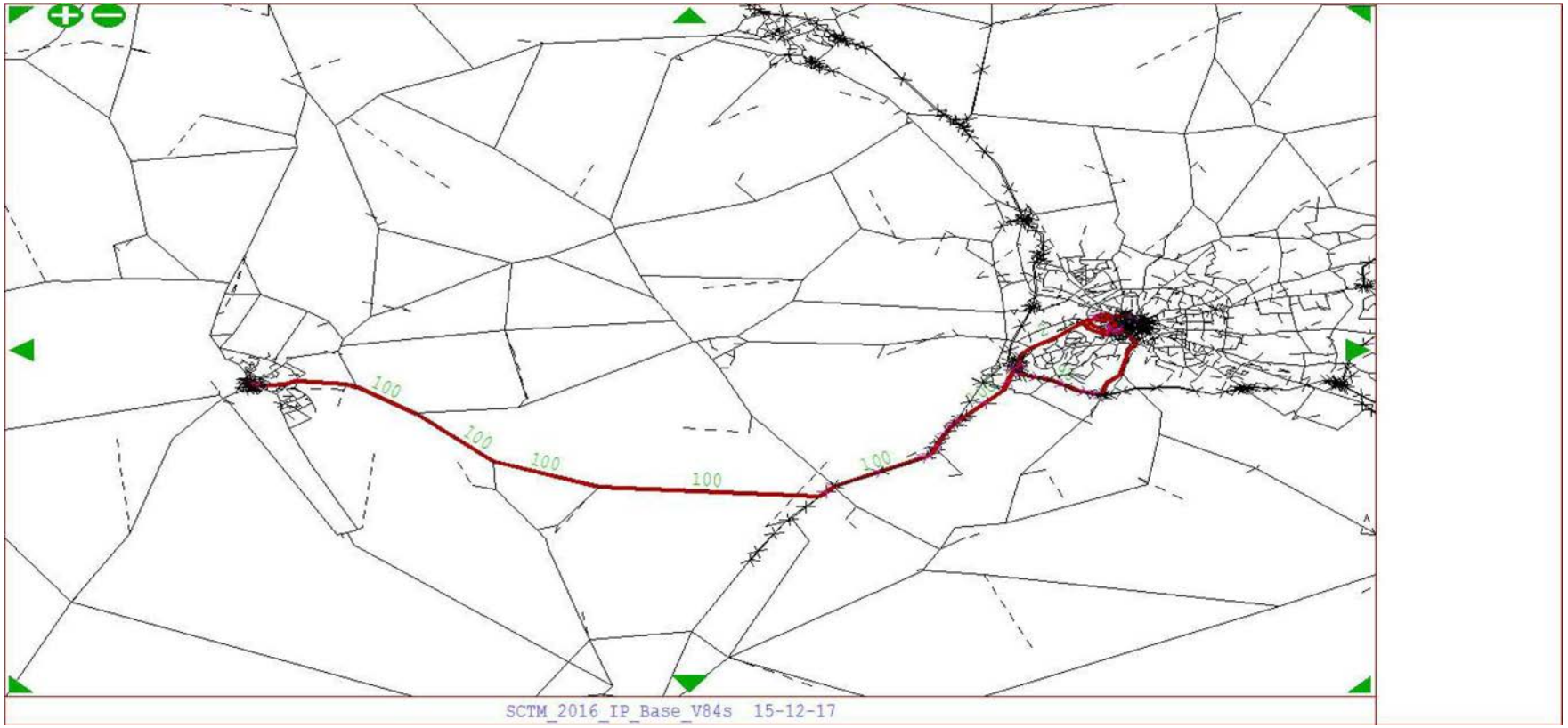
From Zone 95 To Zone 455 - User Class 6



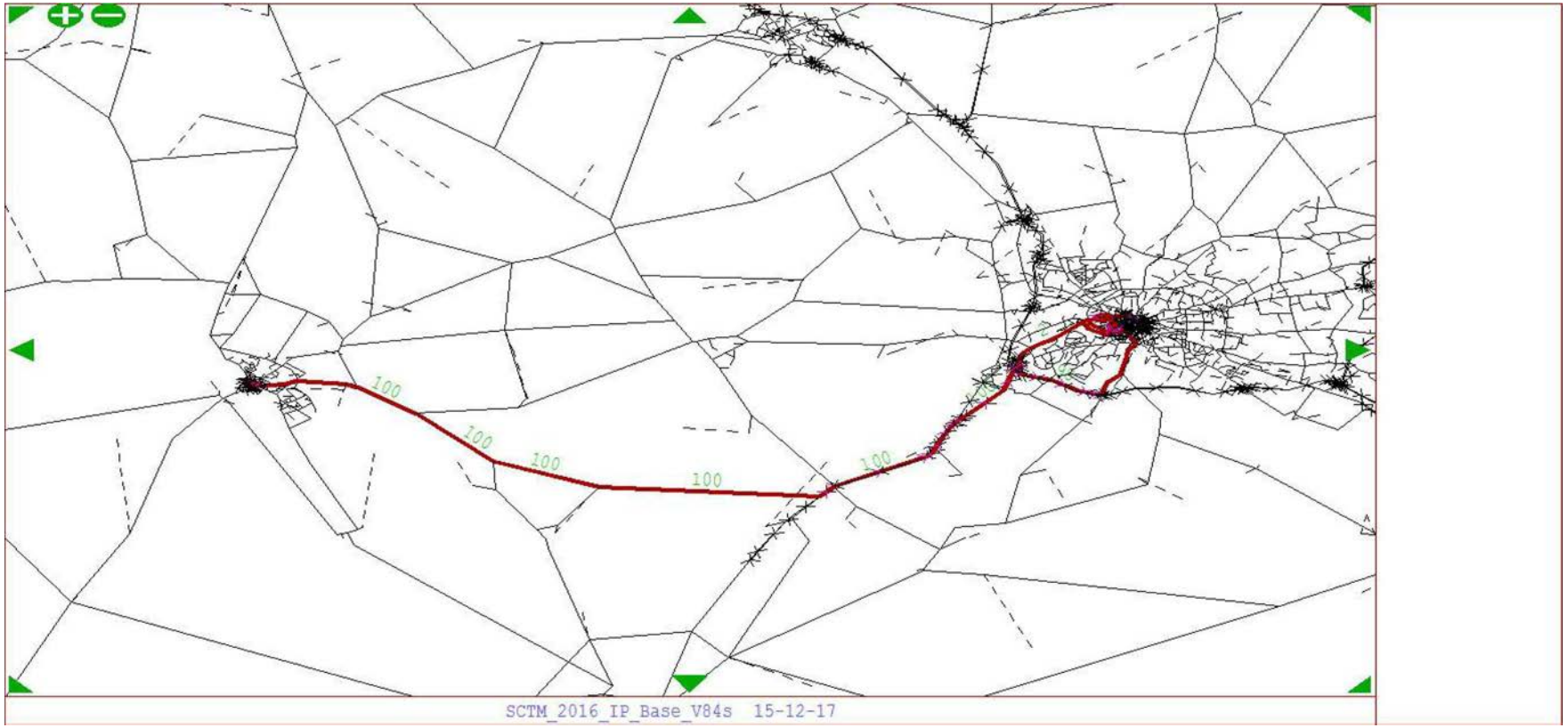
From Zone 95 To Zone 455 - User Class 10



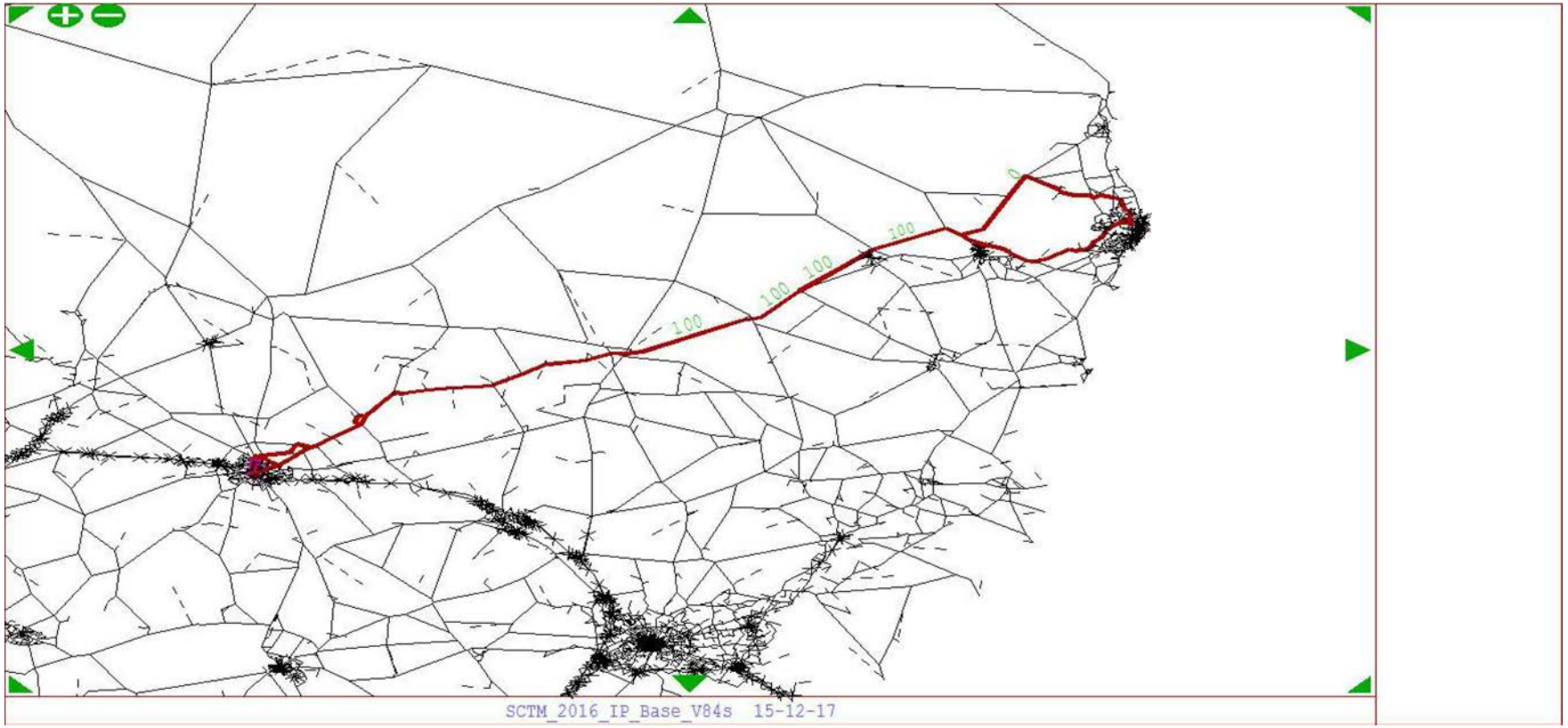
From Zone 33 To Zone 146 - User Class 6



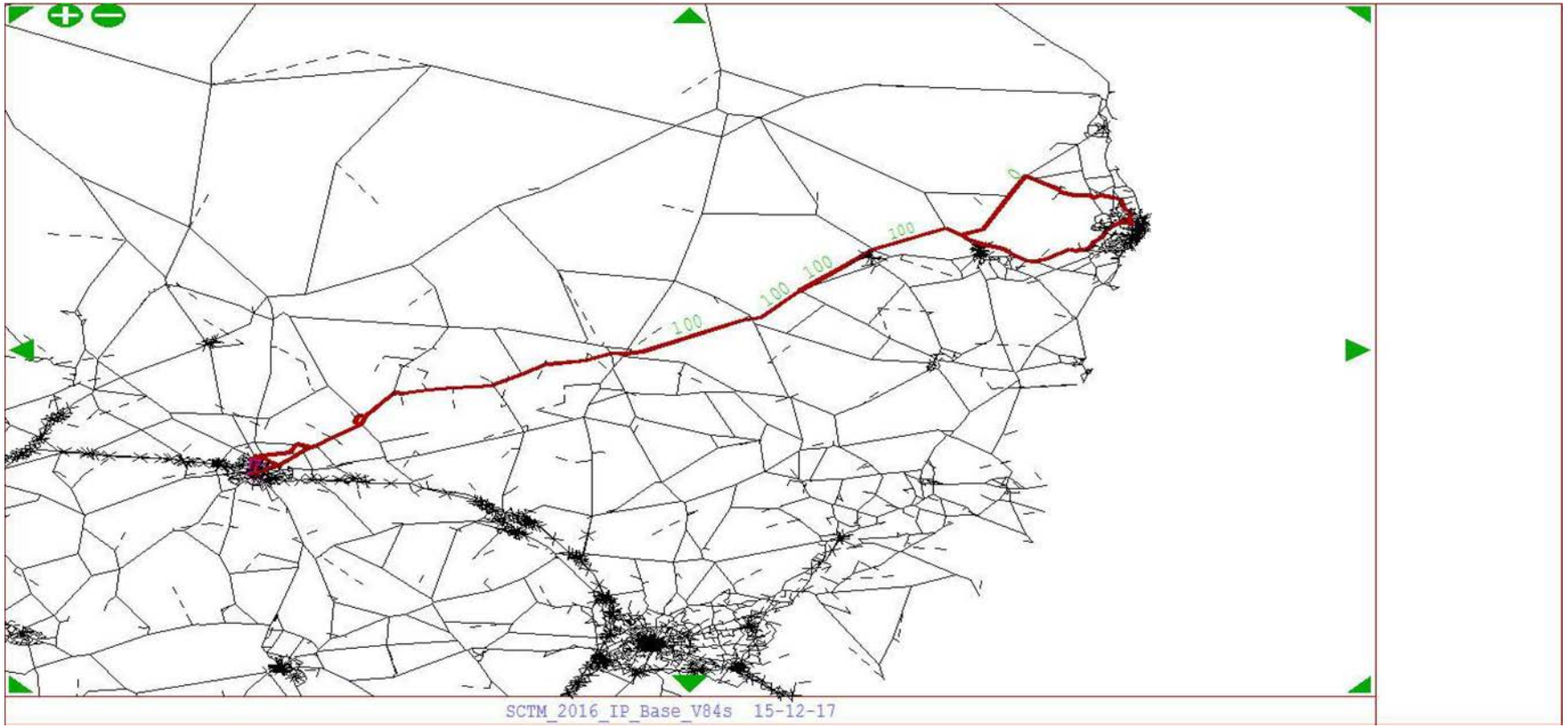
From Zone 33 To Zone 146 - User Class 10



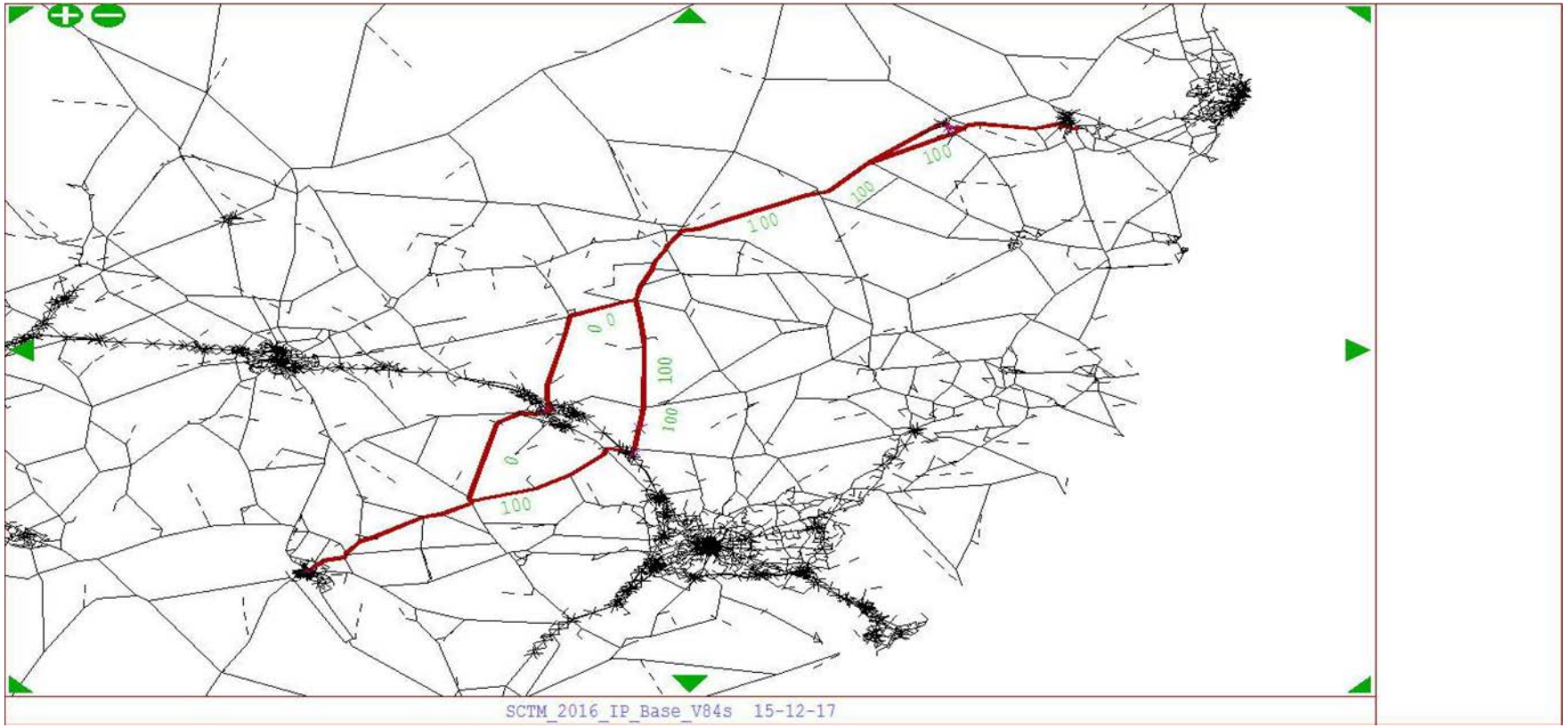
From Zone 287 To Zone 412 - User Class 6



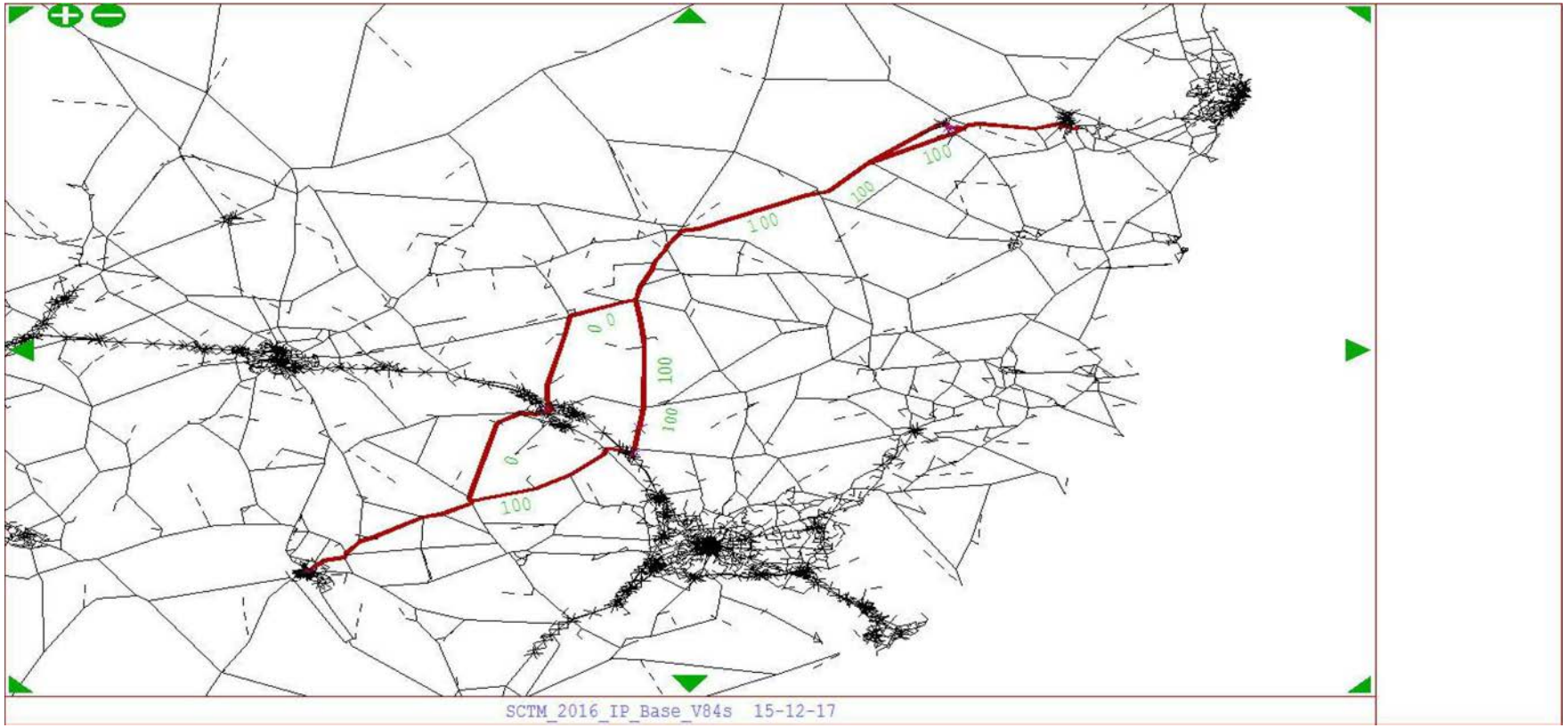
From Zone 287 To Zone 412 - User Class 10



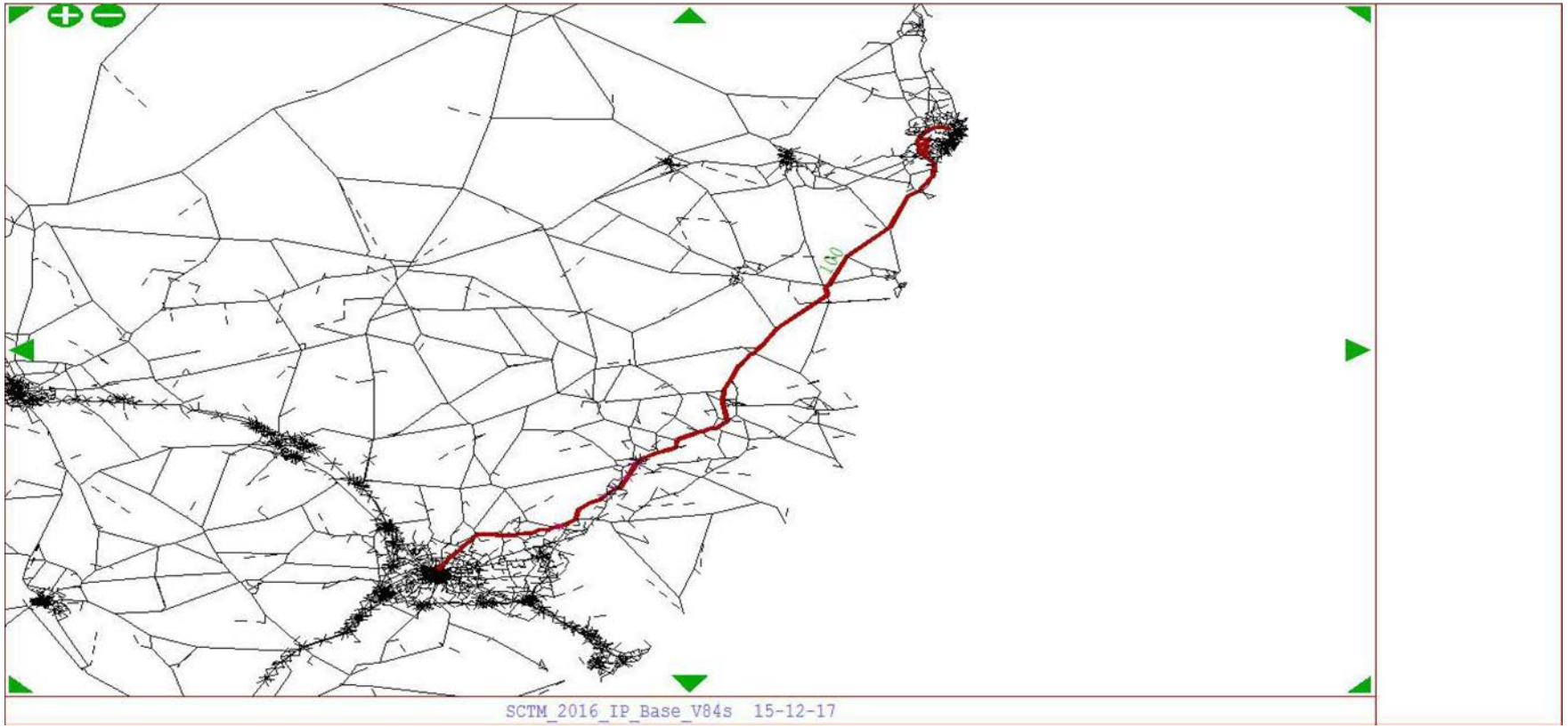
From Zone 455 To Zone 33 - User Class 6



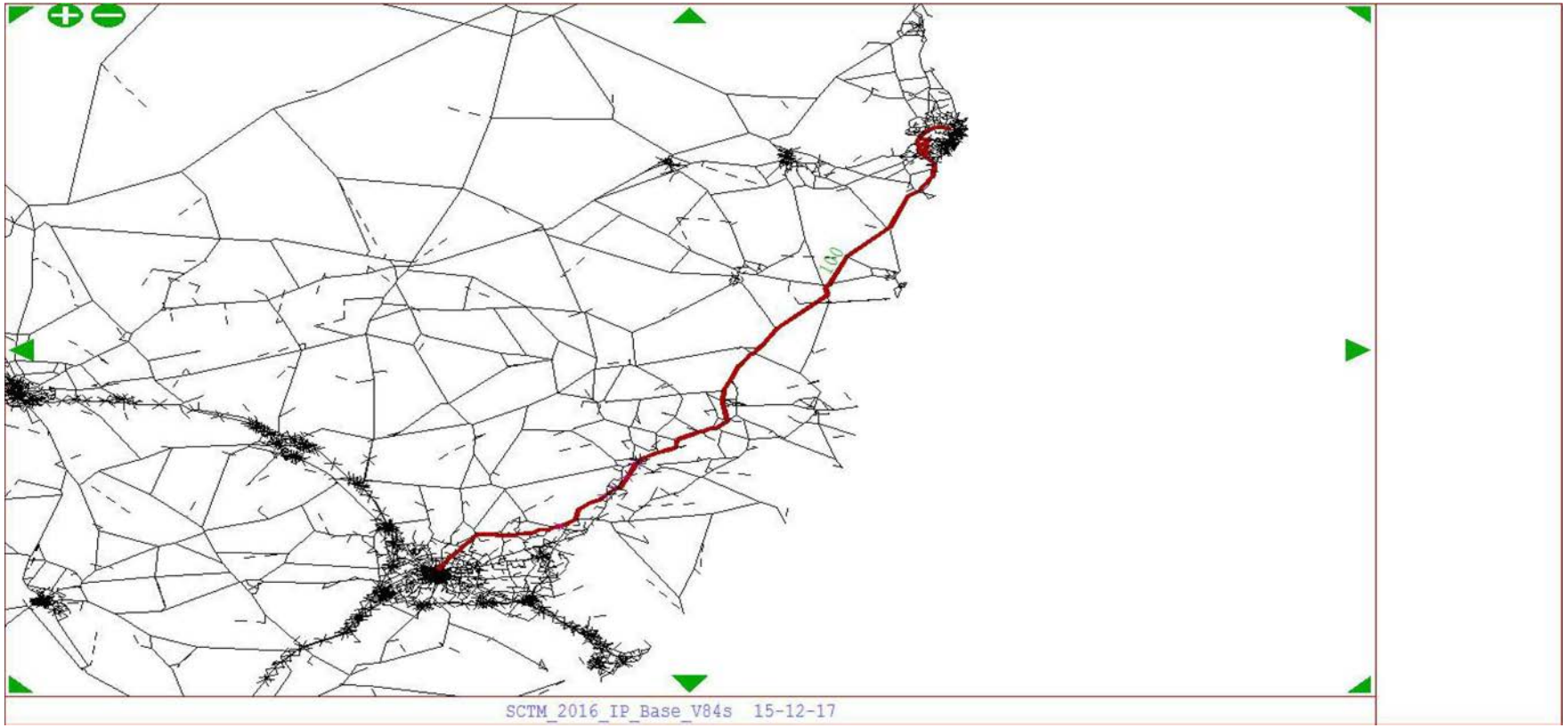
From Zone 455 To Zone 33 - User Class 10



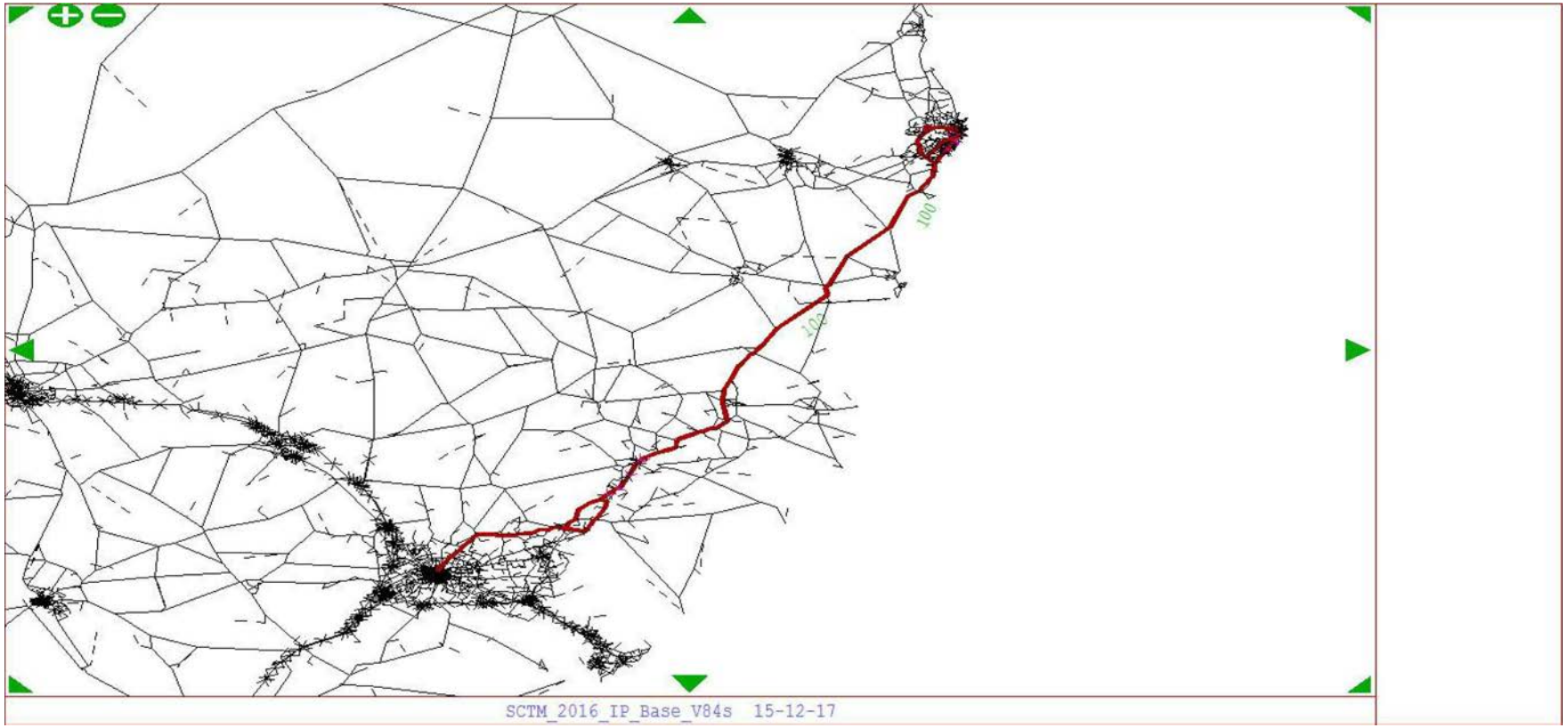
From Zone 146 To Zone 412 - User Class 6



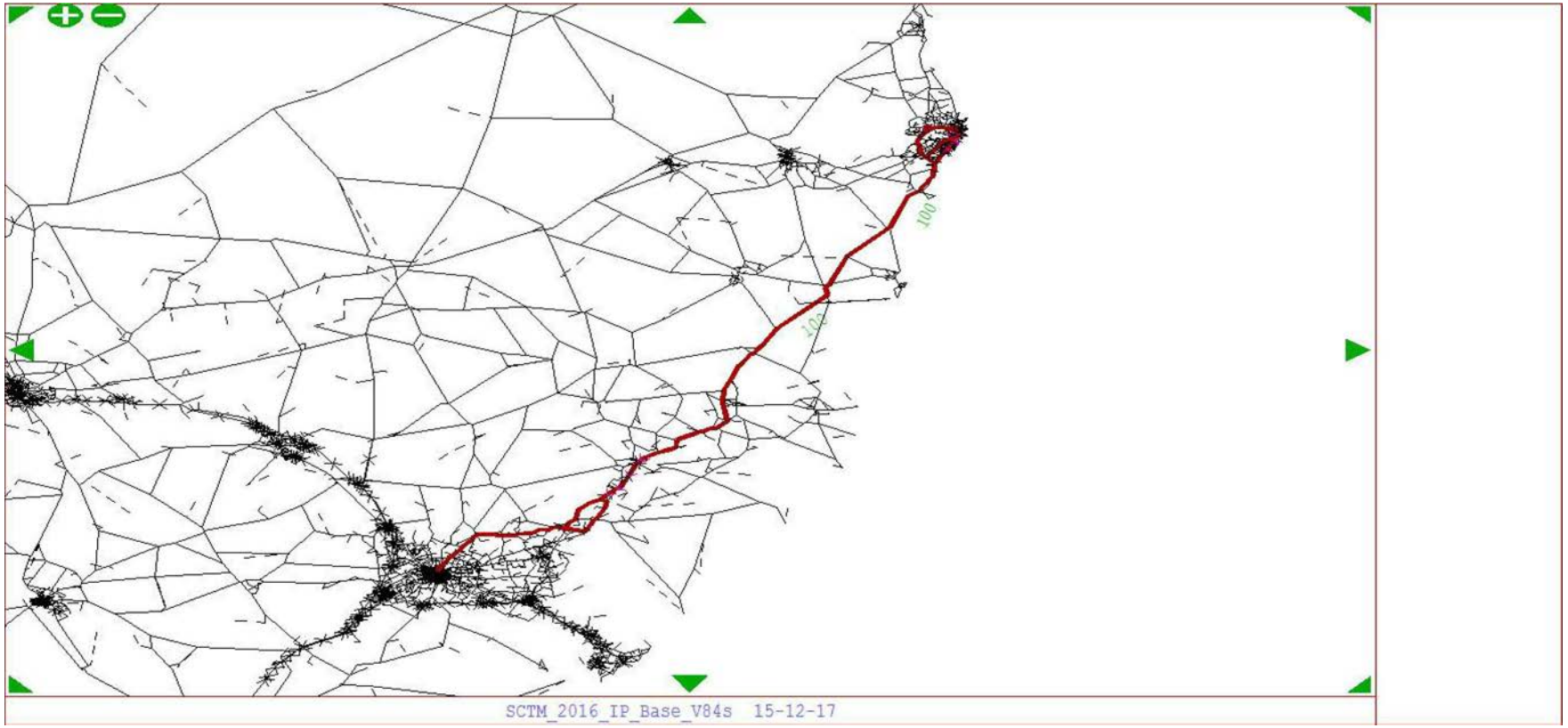
From Zone 146 To Zone 412 - User Class 10



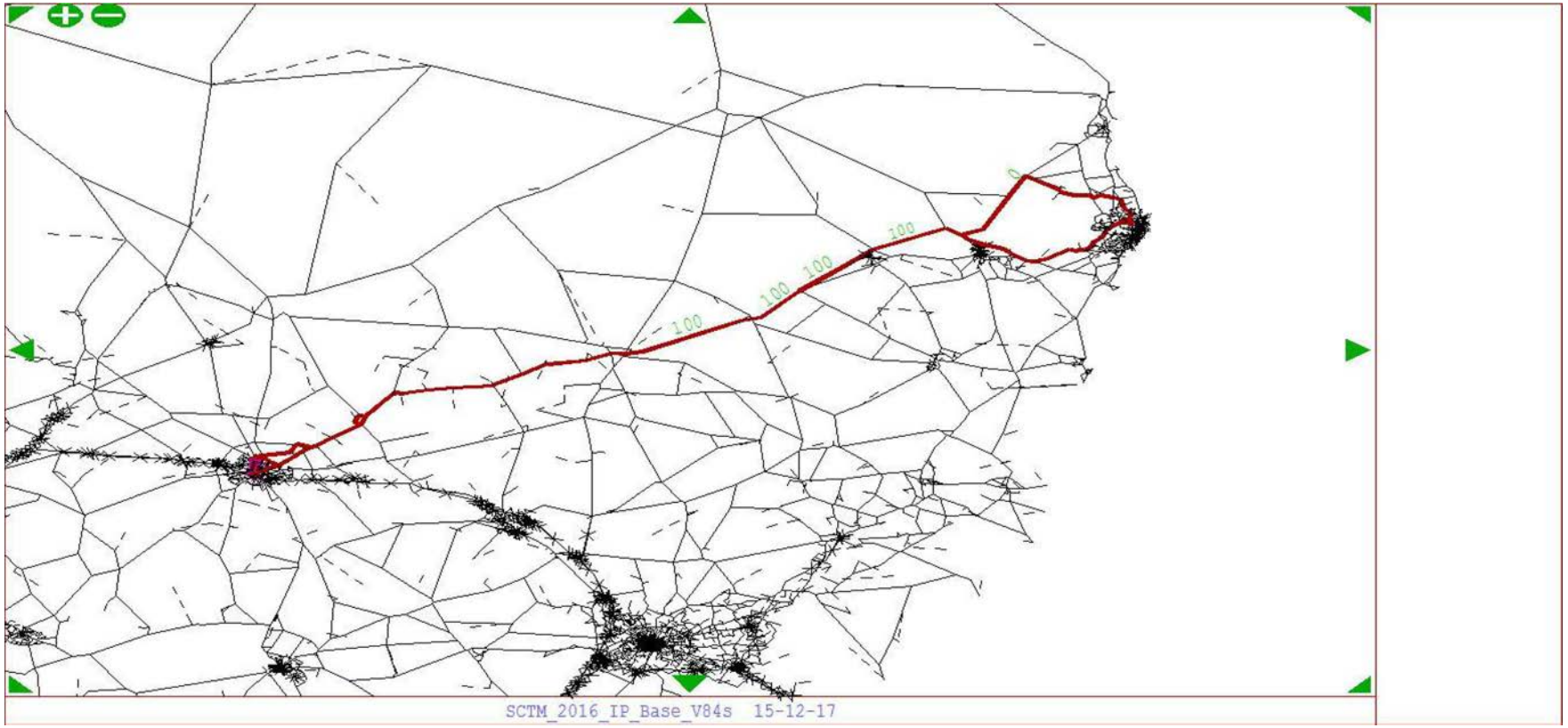
From Zone 412 To Zone 146 - User Class 6



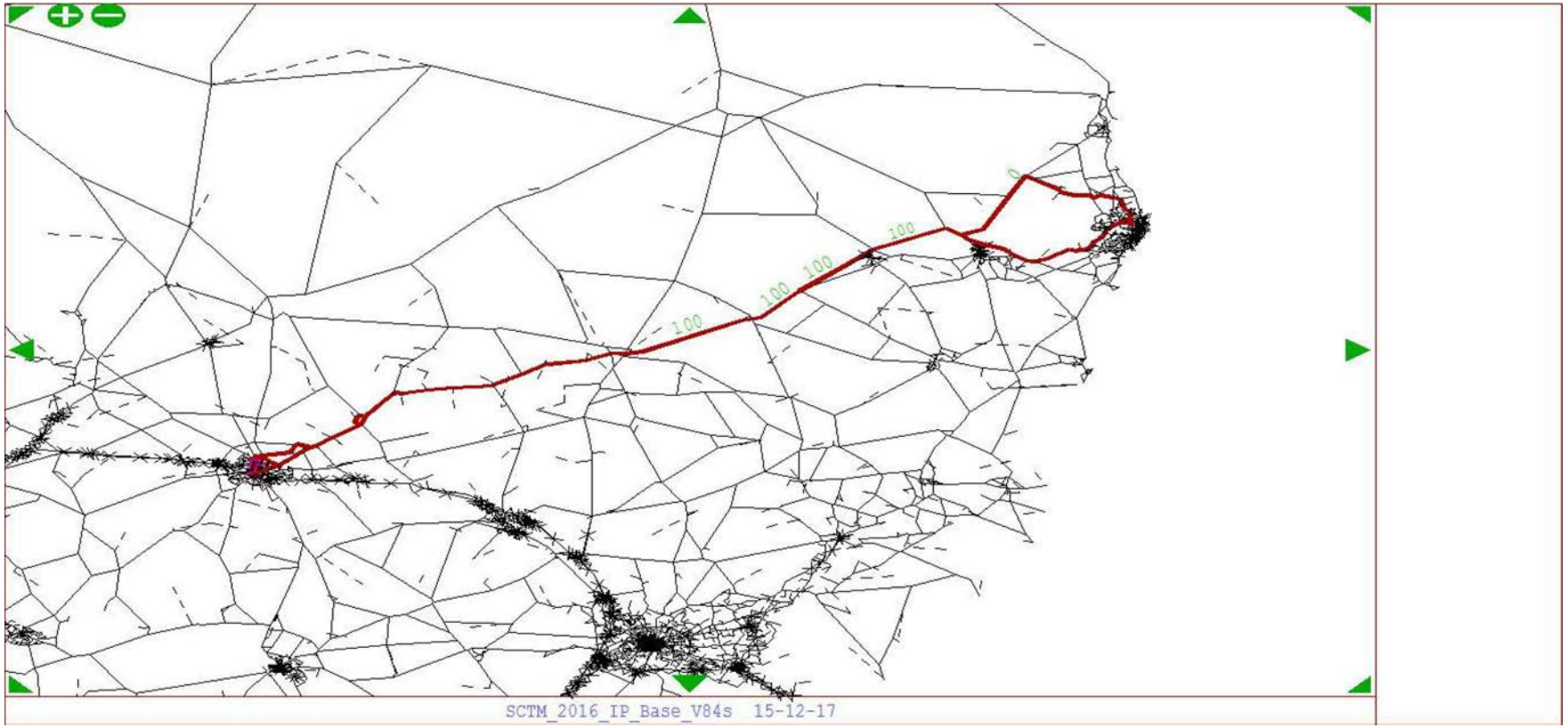
From Zone 412 To Zone 146 - User Class 10



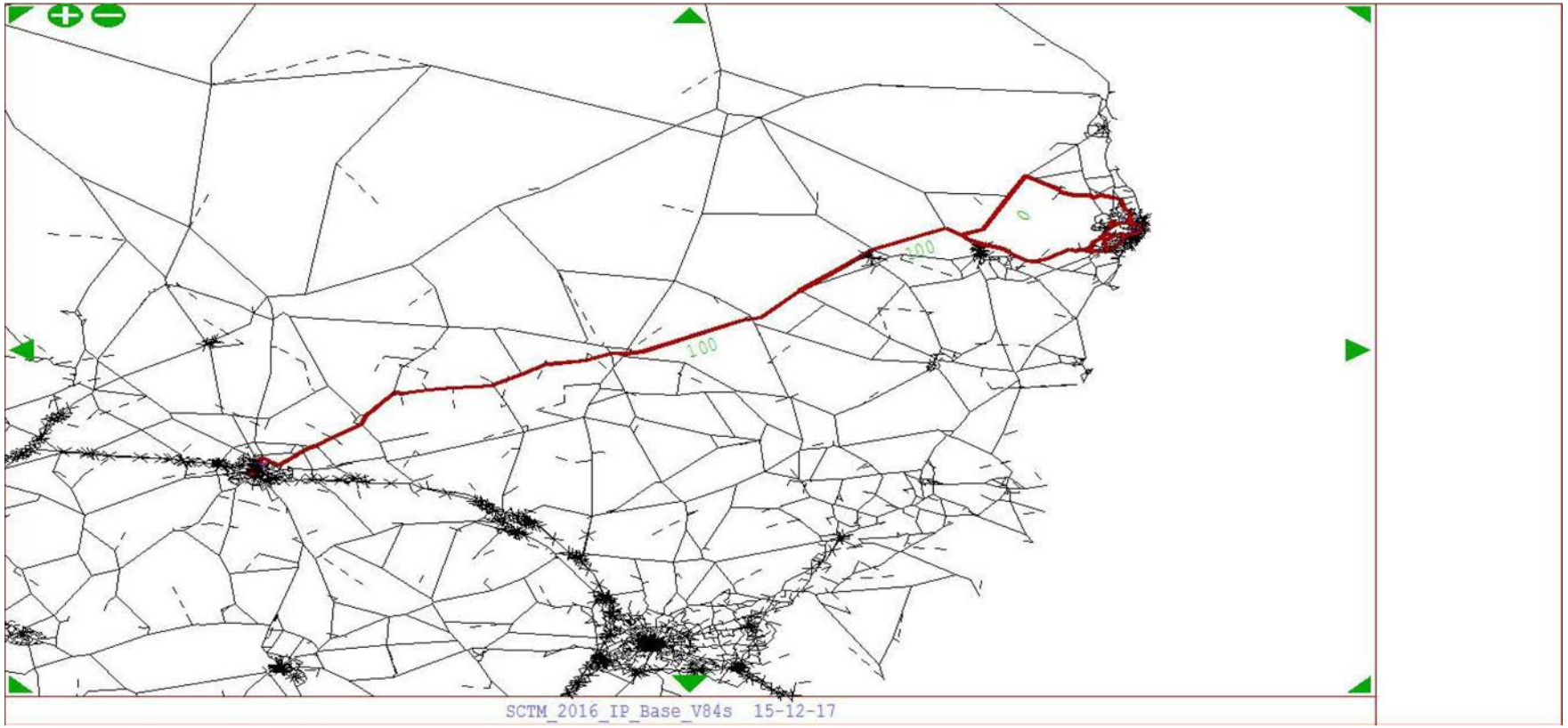
From Zone 287 To Zone 412 - User Class 6



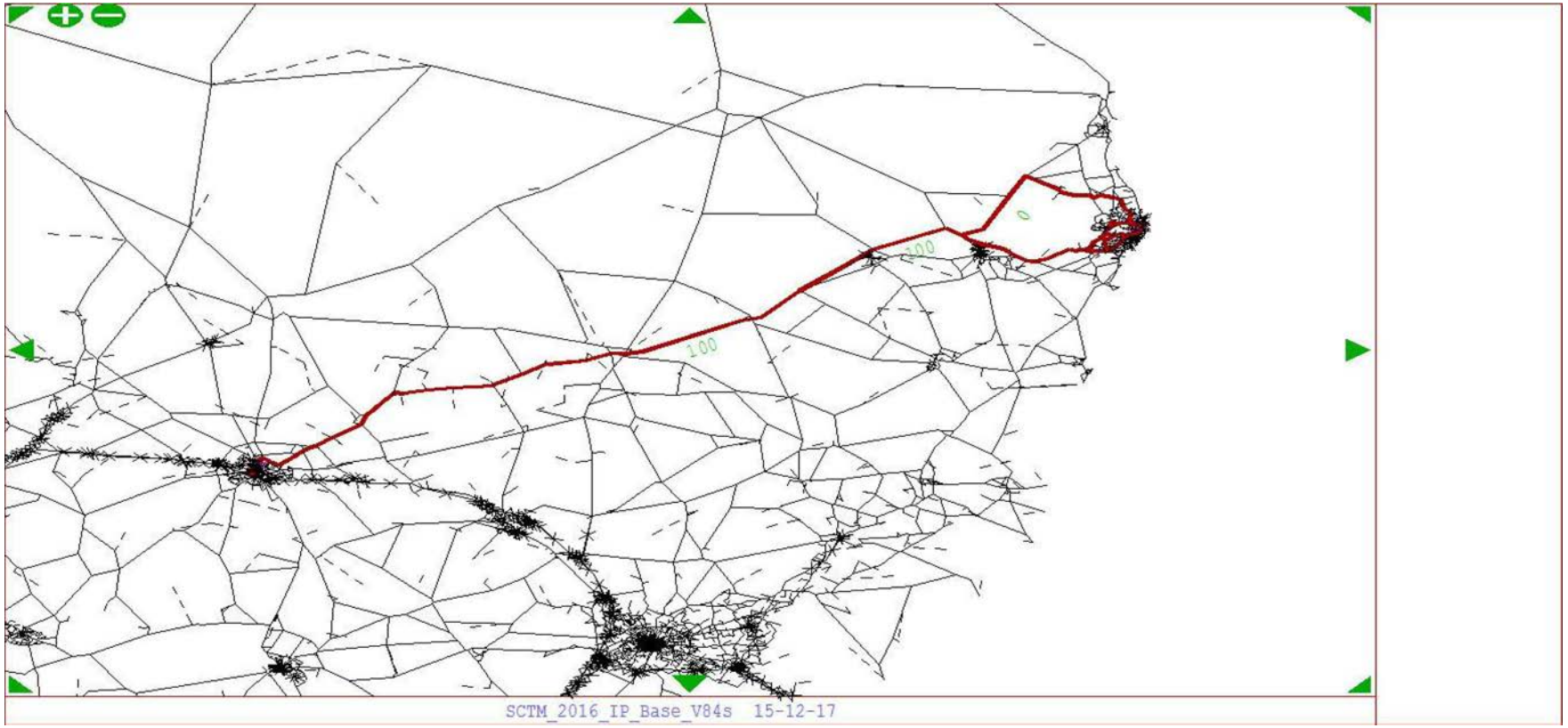
From Zone 287 To Zone 412 - User Class 10



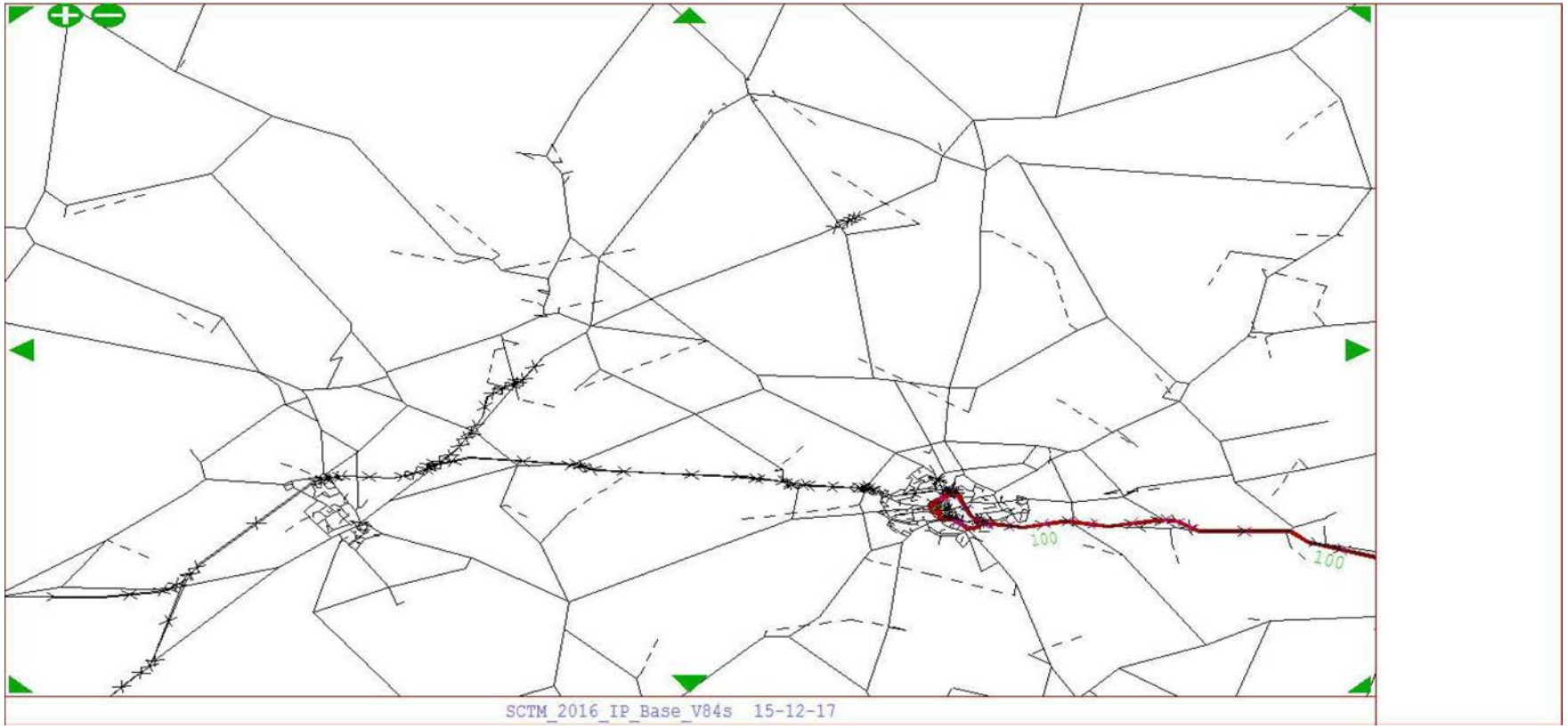
From Zone 412 To Zone 287 - User Class 6



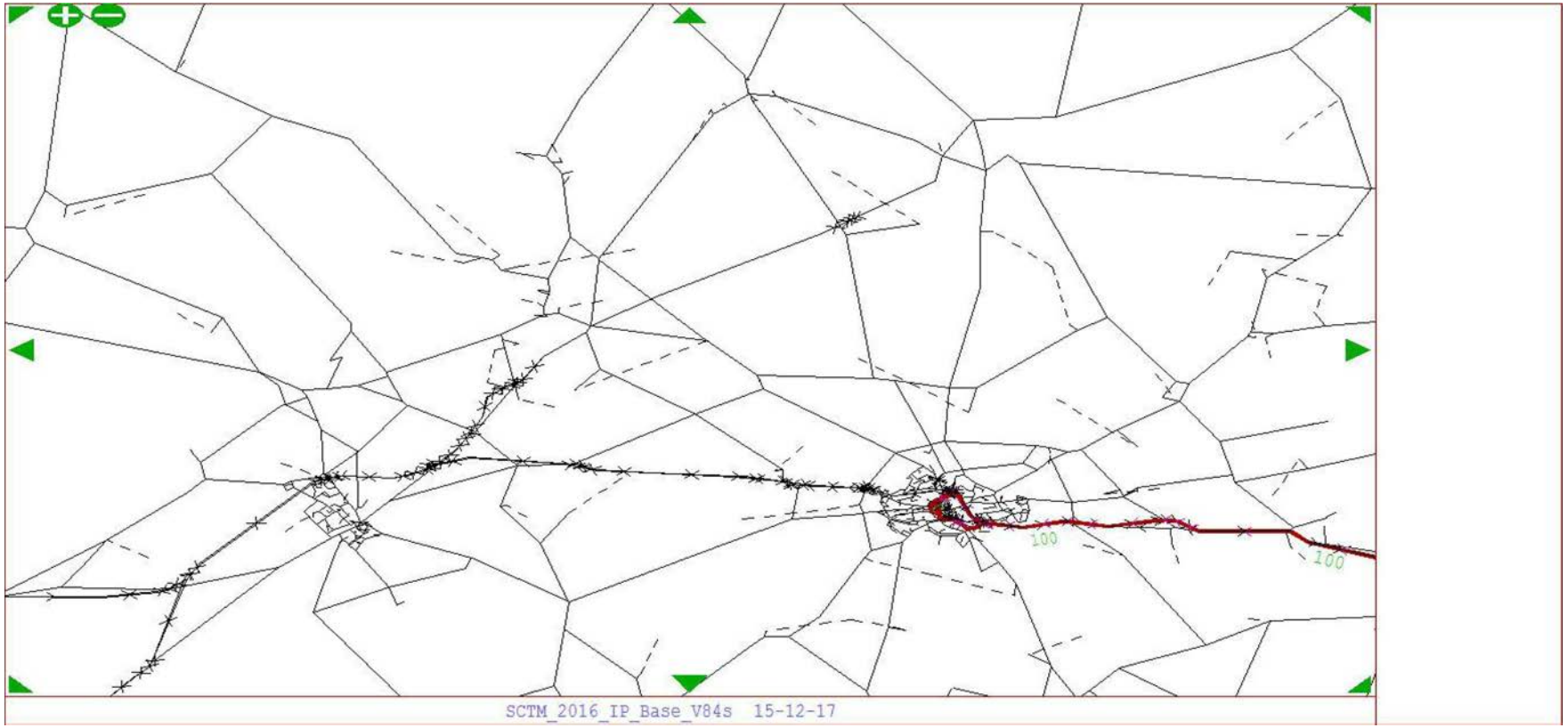
From Zone 412 To Zone 287 - User Class 10



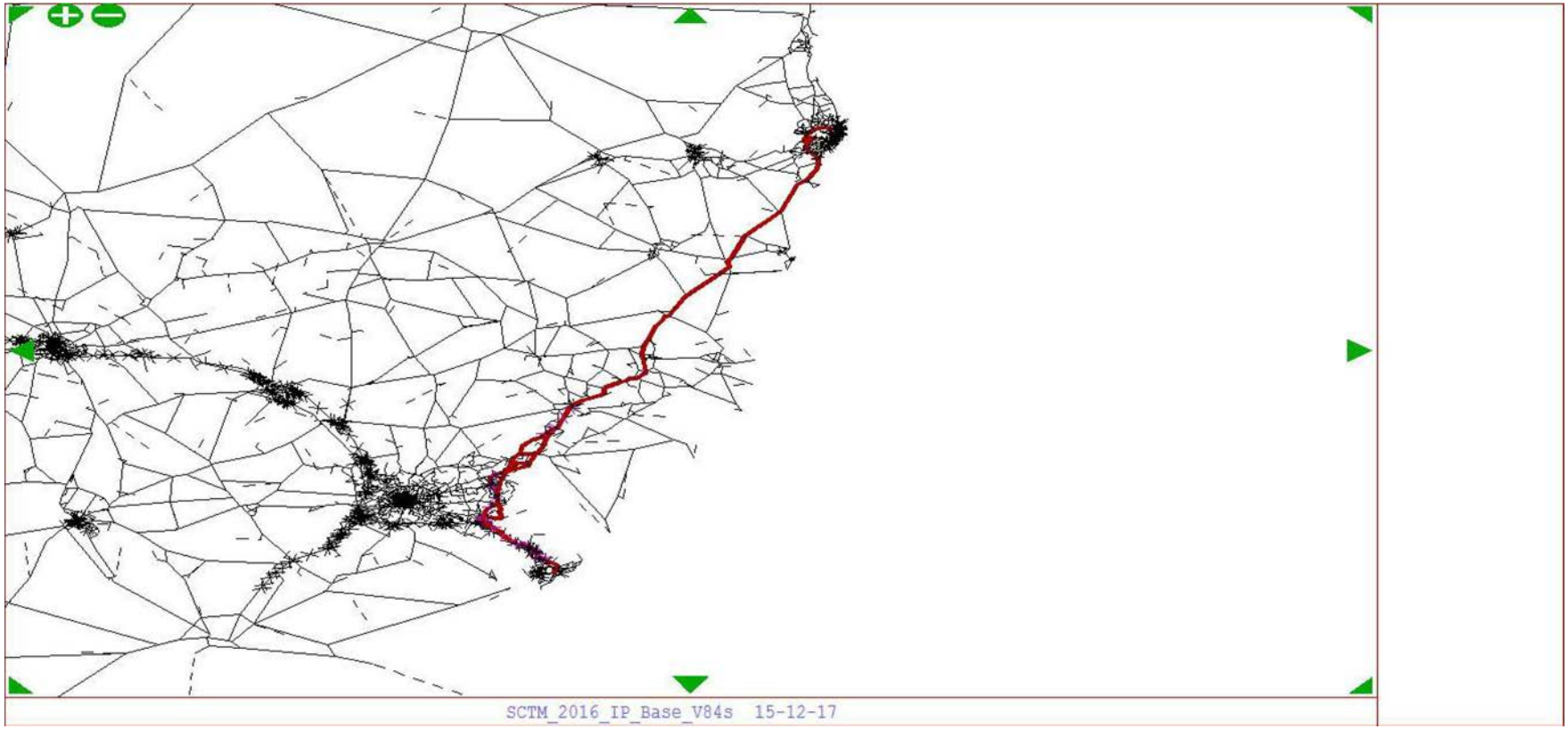
From Zone 146 To Zone 287 - User Class 6



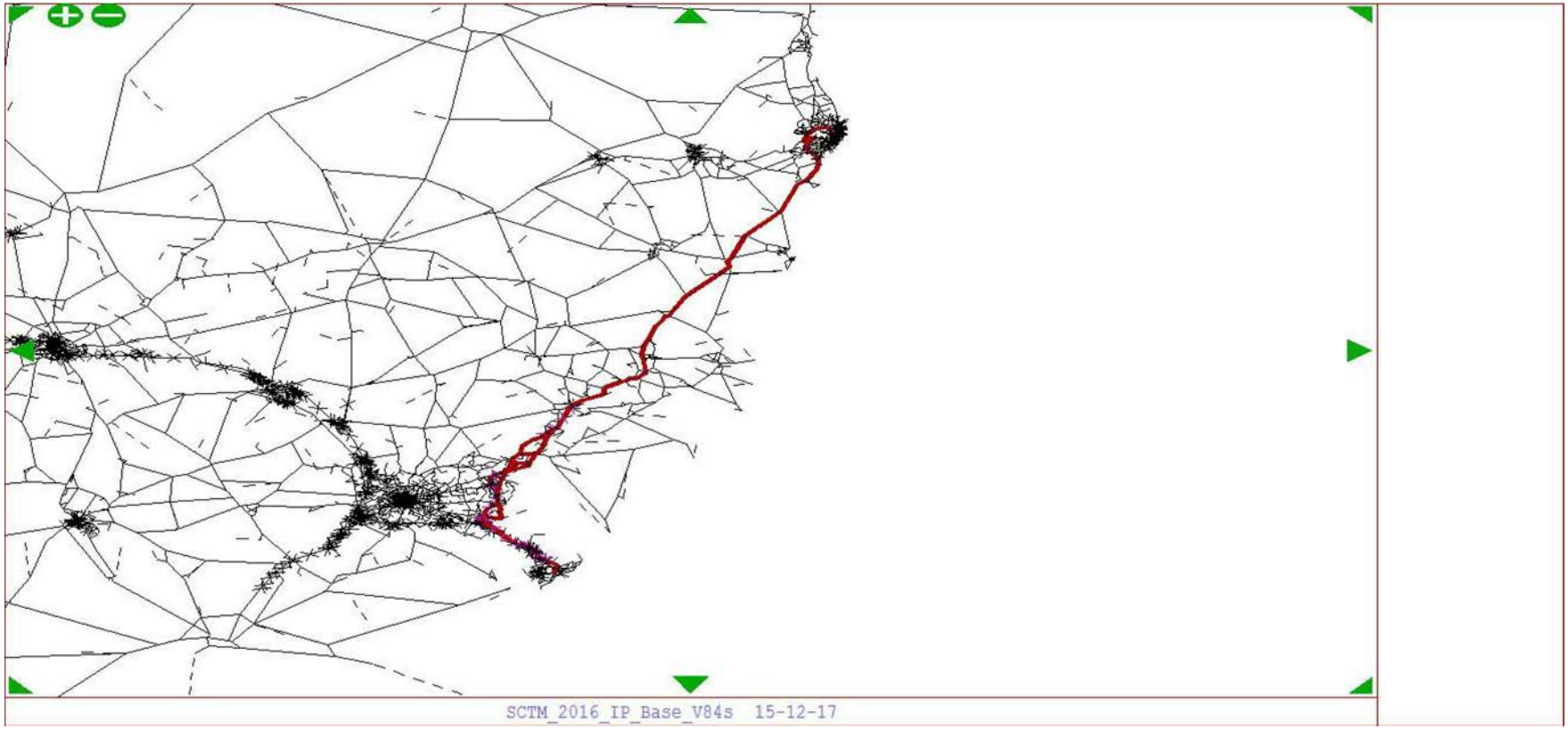
From Zone 146 To Zone 287 - User Class 10



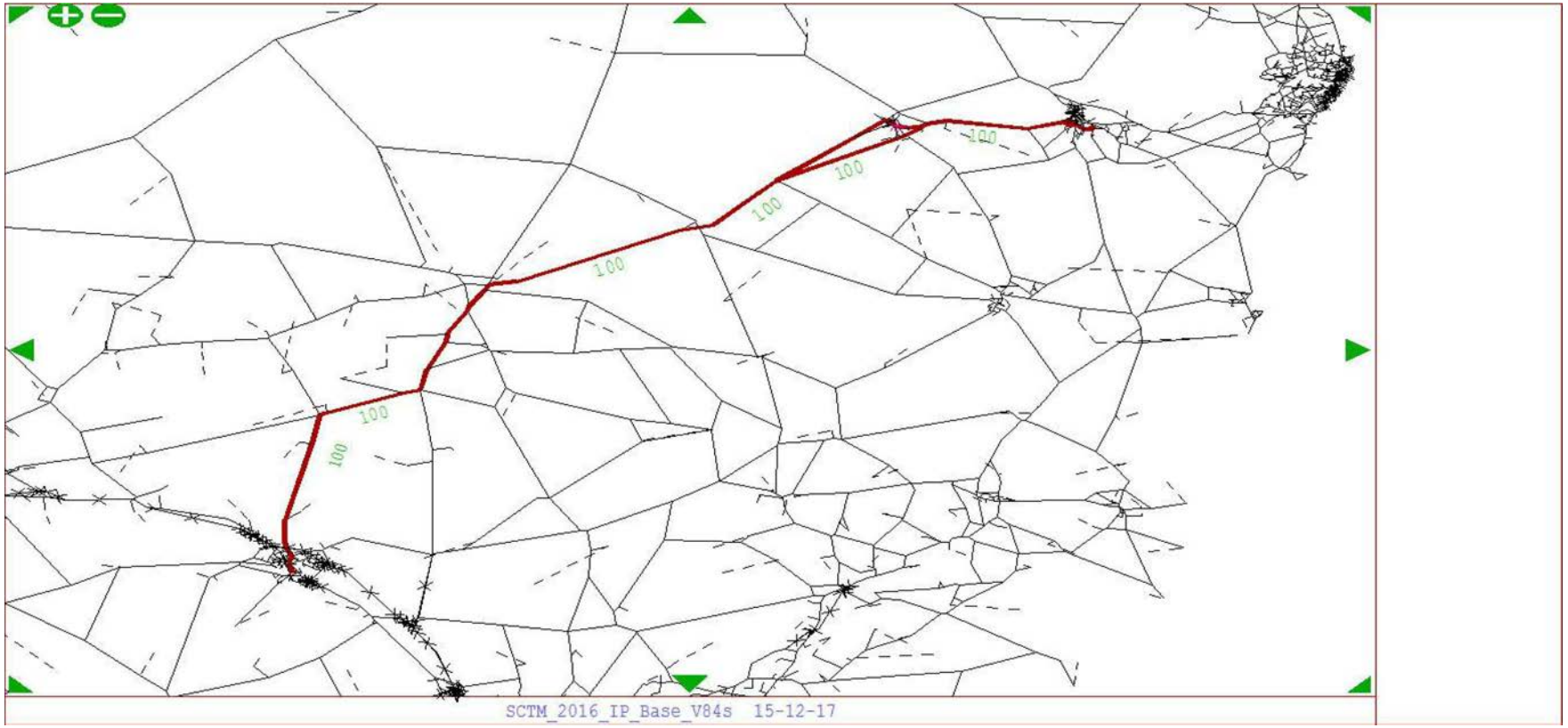
From Zone 391 To Zone 412 - User Class 6



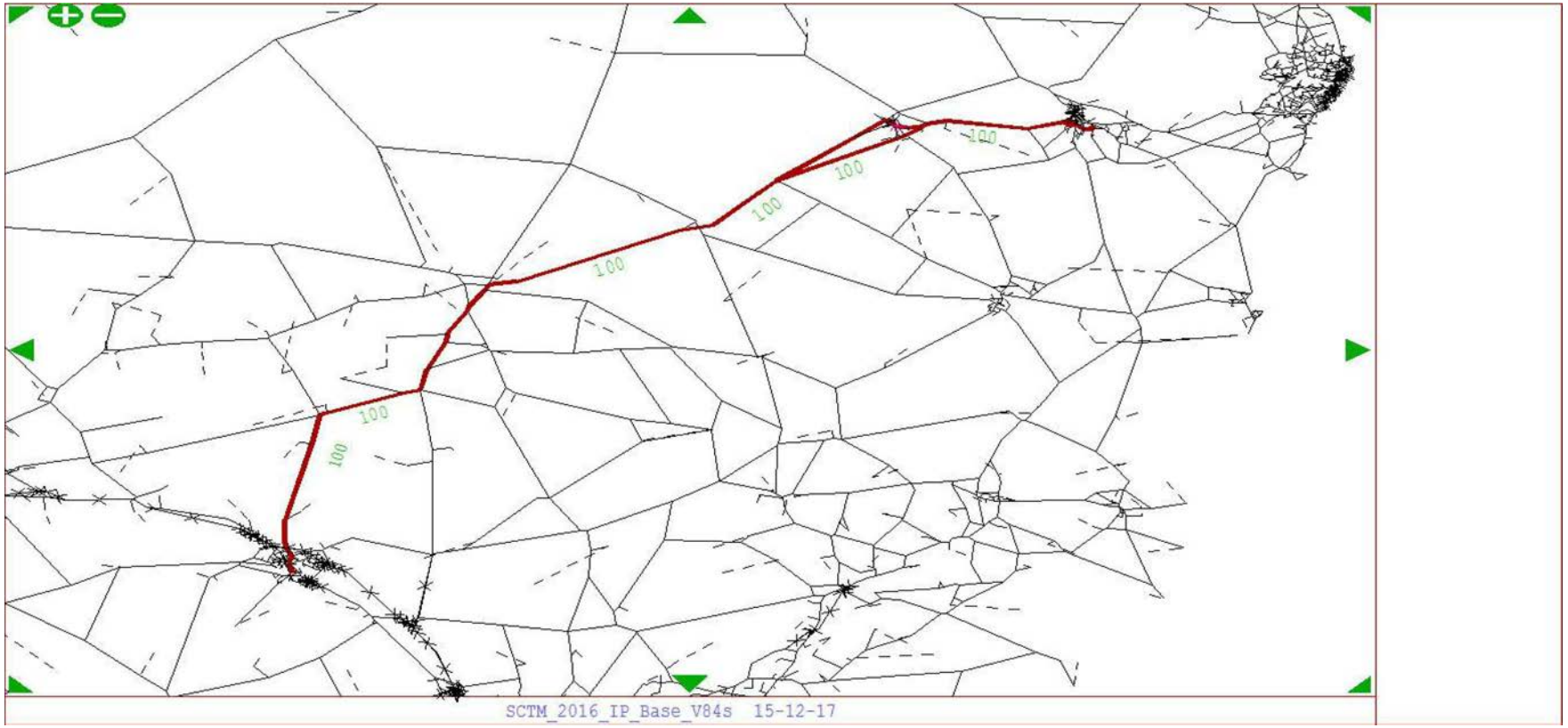
From Zone 391 To Zone 412 - User Class 10



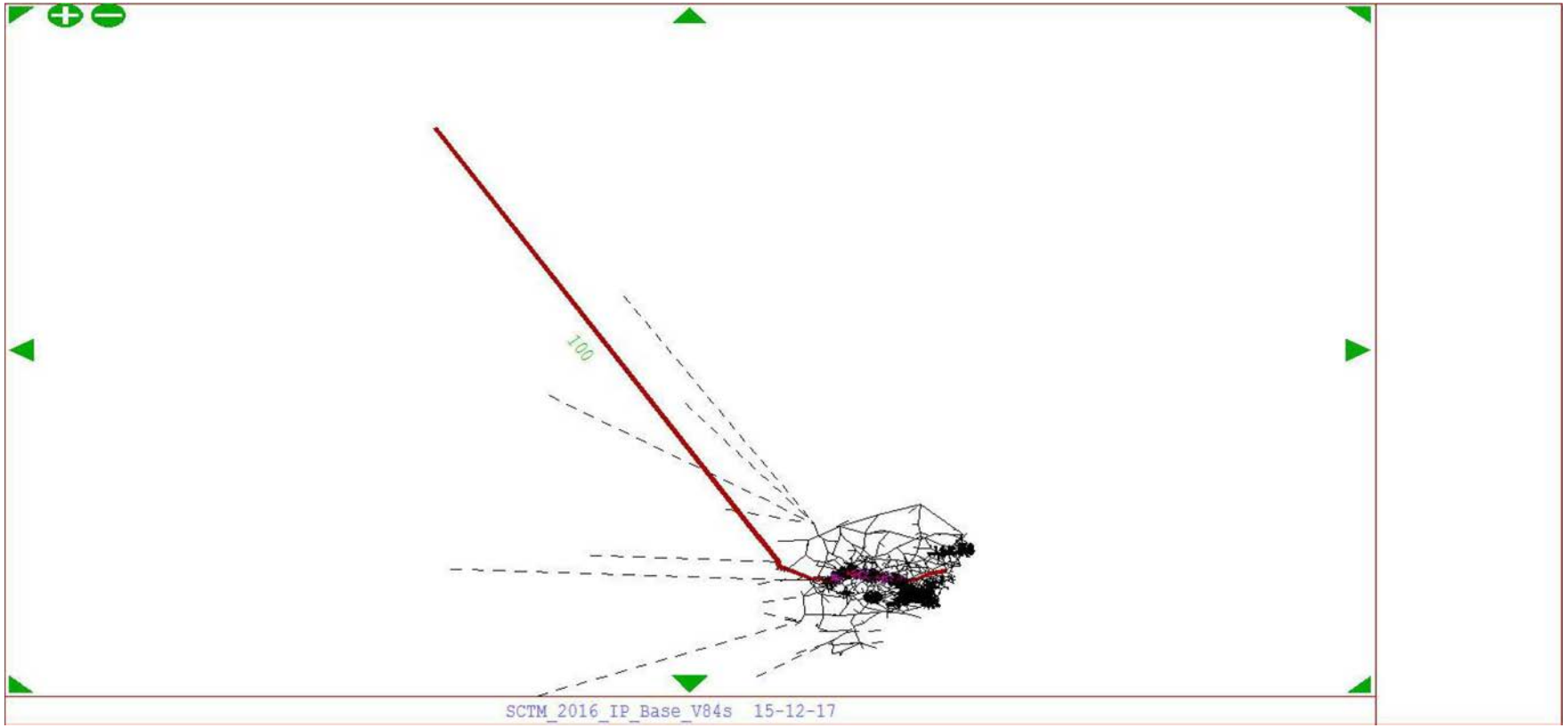
From Zone 455 To Zone 238 - User Class 6



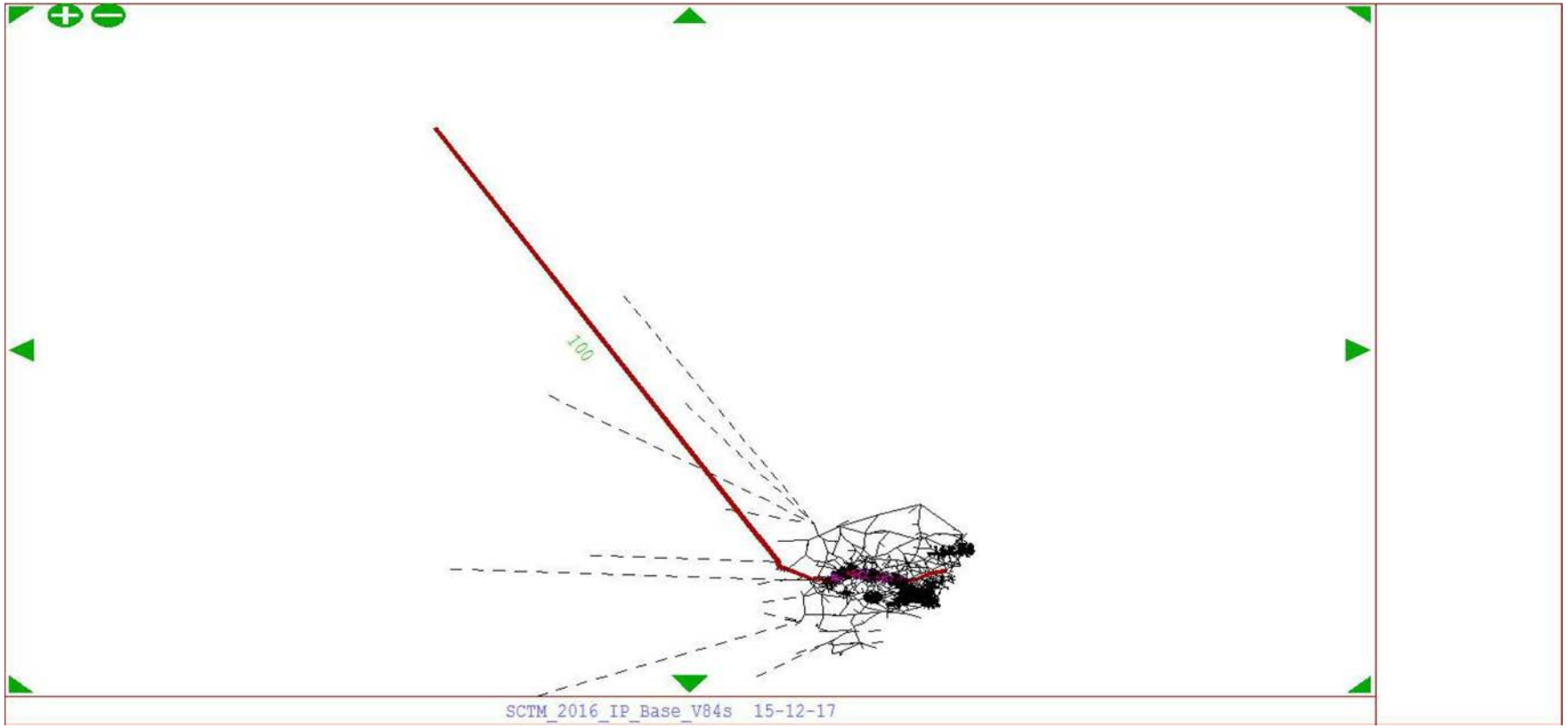
From Zone 455 To Zone 238 - User Class 10



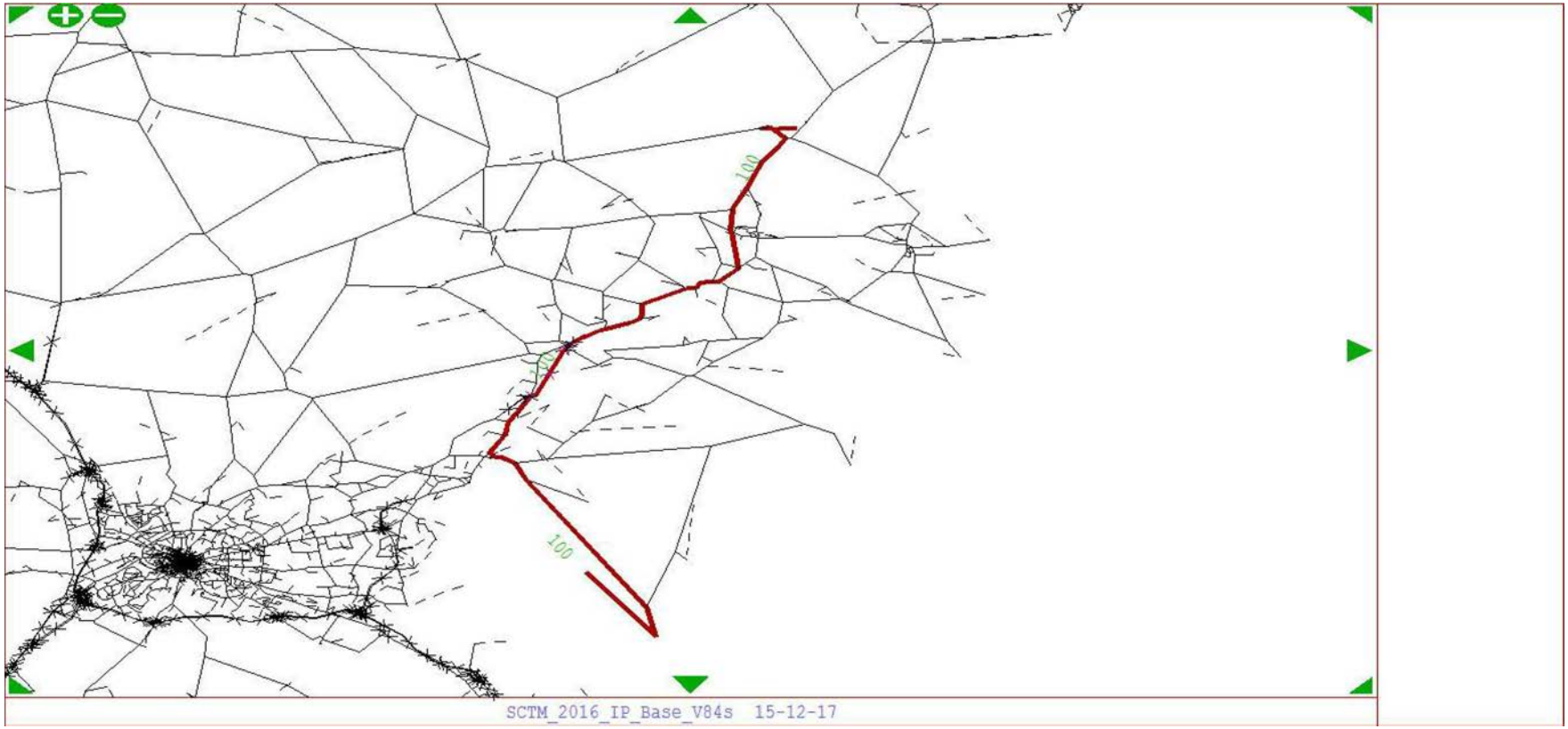
From Zone 332 To Zone 259 - User Class 6



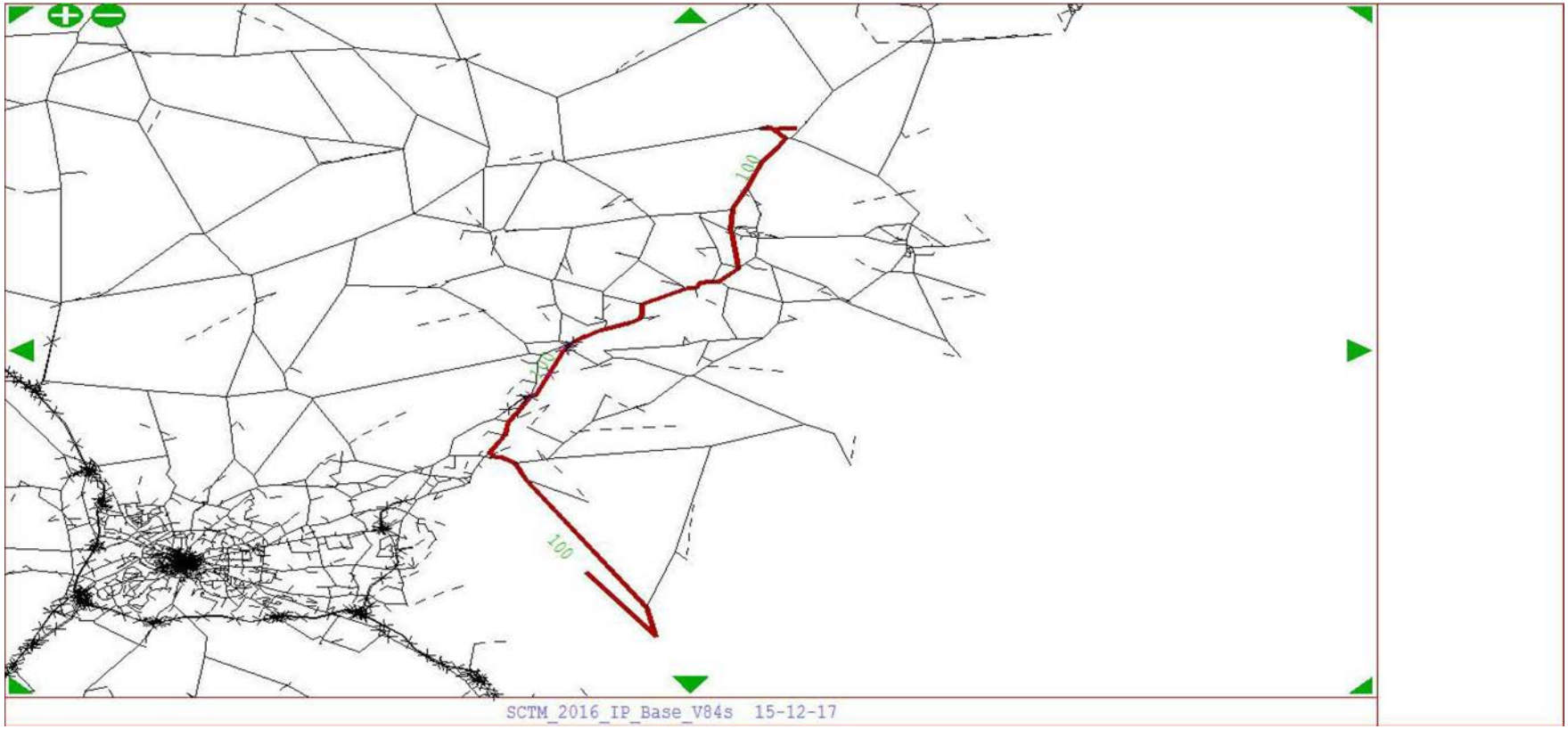
From Zone 332 To Zone 259 - User Class 10



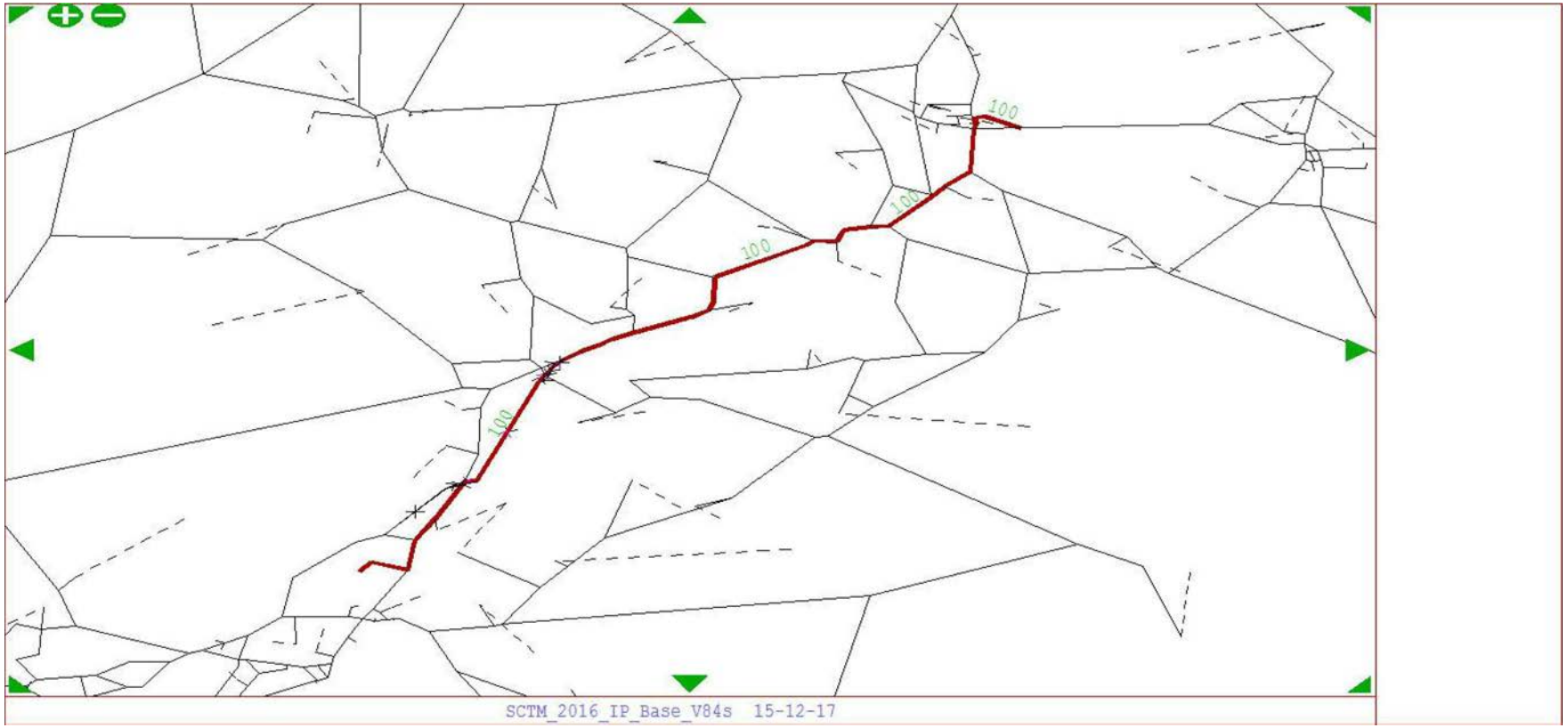
From Zone 359 To Zone 332 - User Class 6



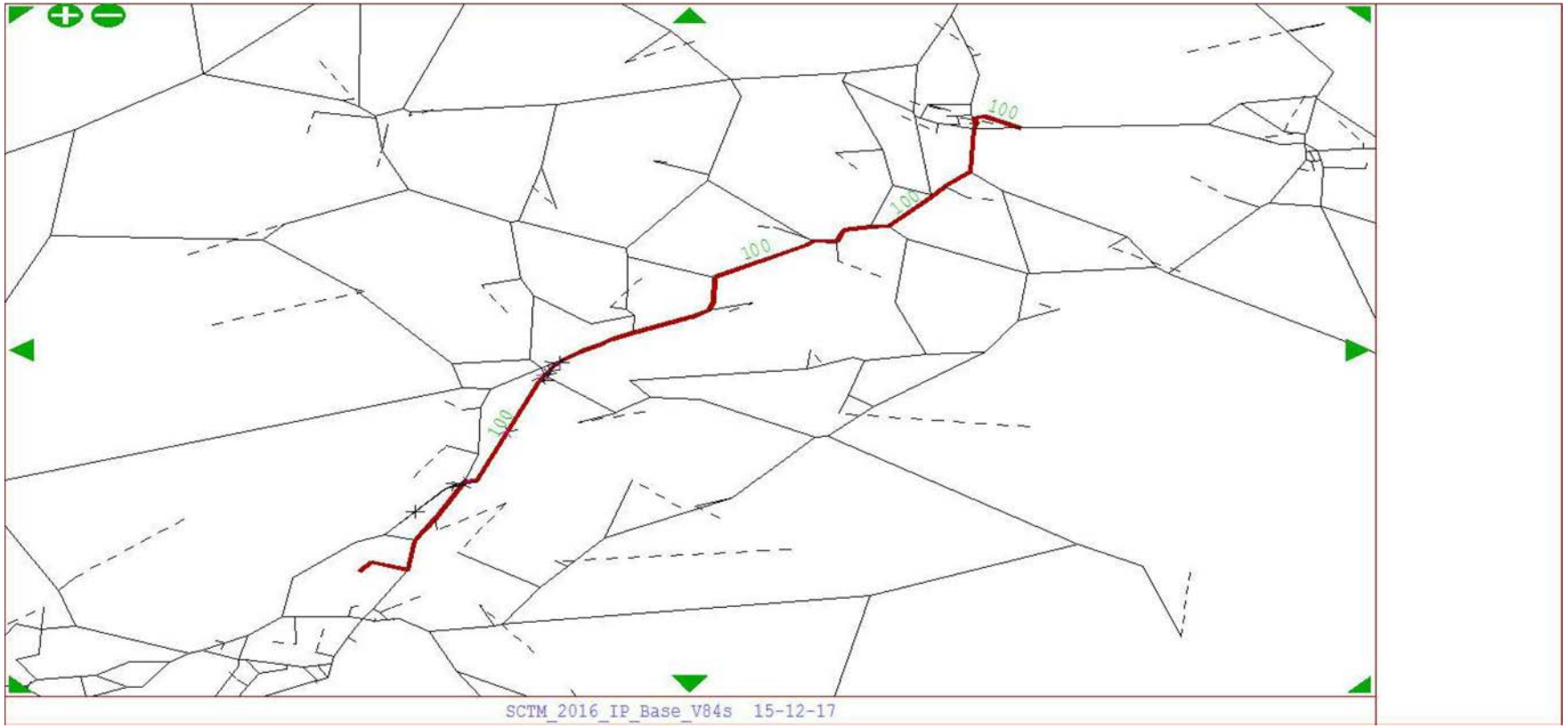
From Zone 359 To Zone 332 - User Class 10



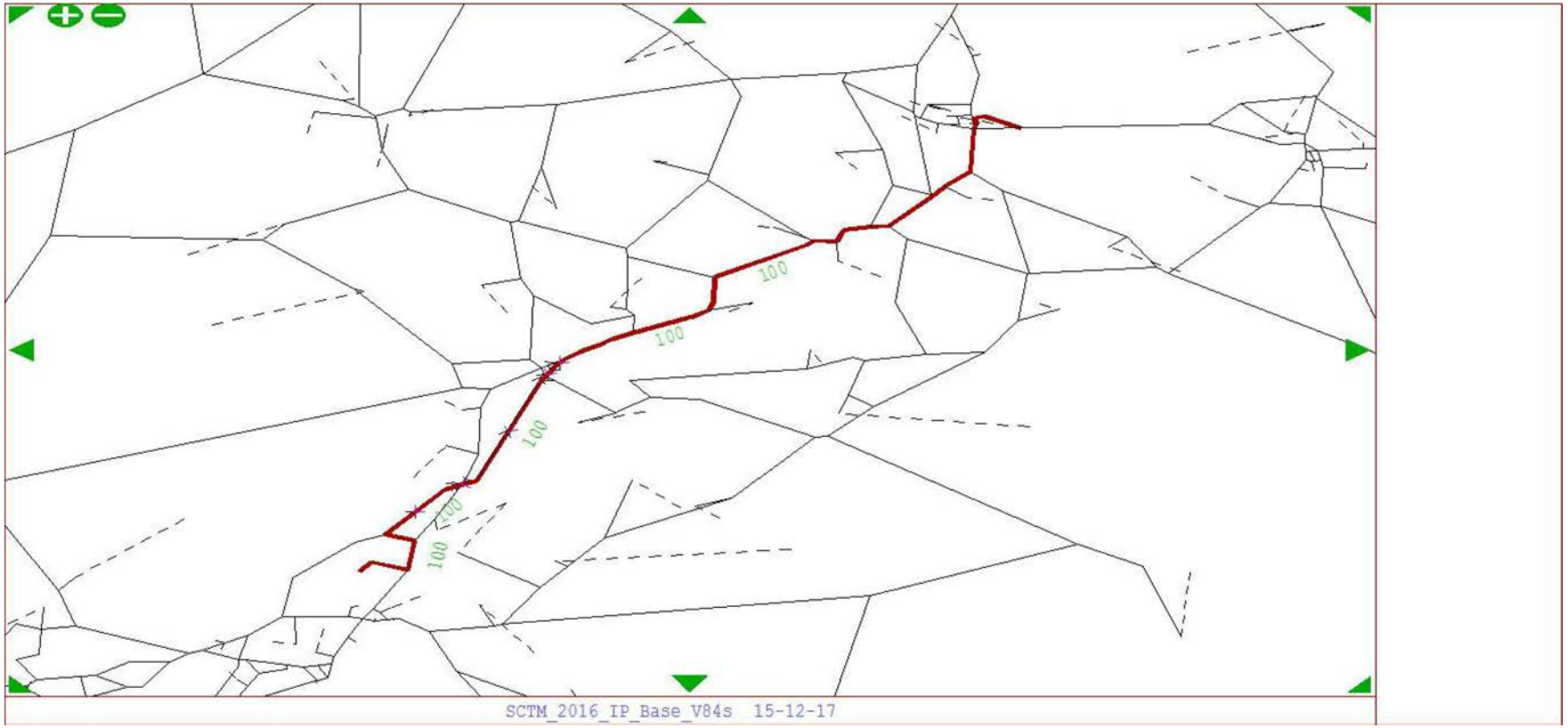
From Zone 348 To Zone 897 - User Class 6



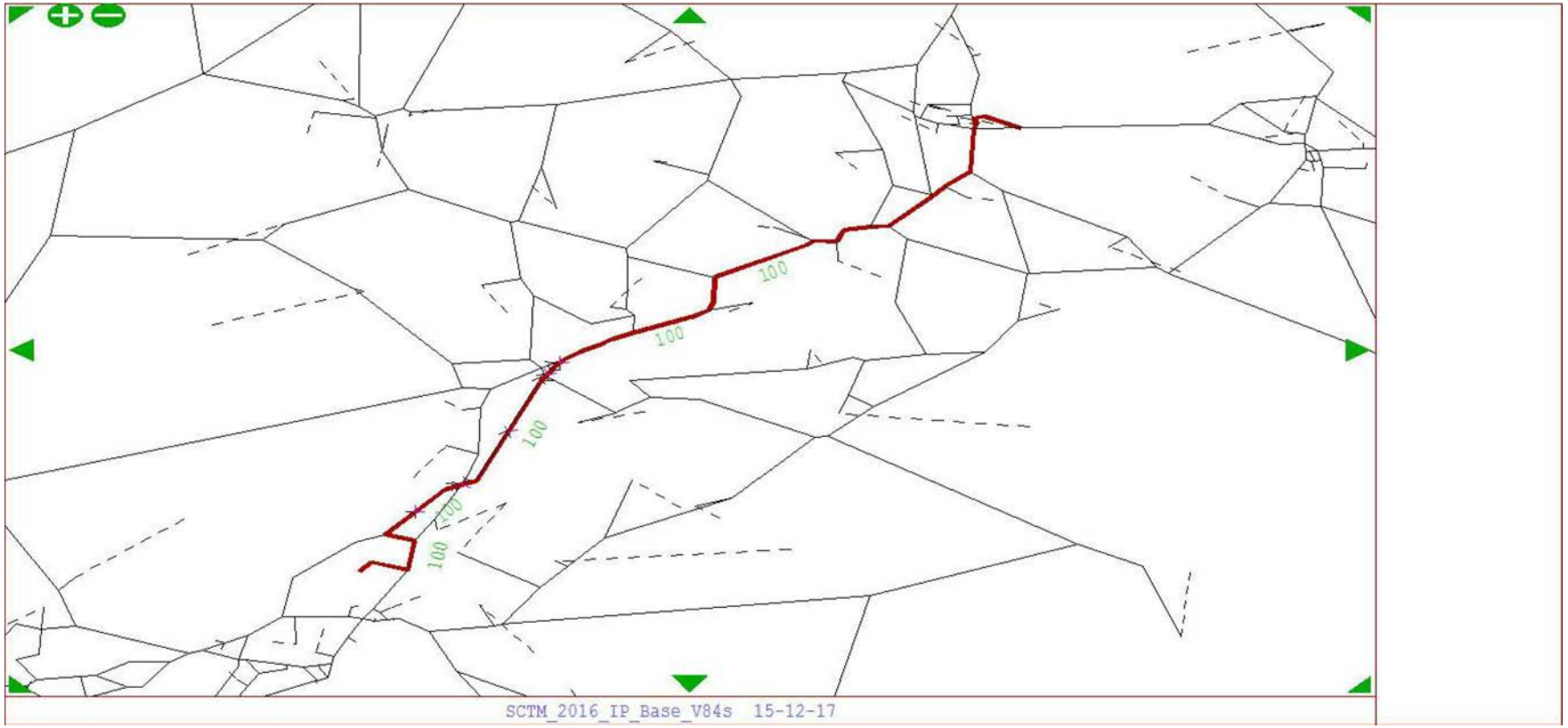
From Zone 348 To Zone 897 - User Class 10



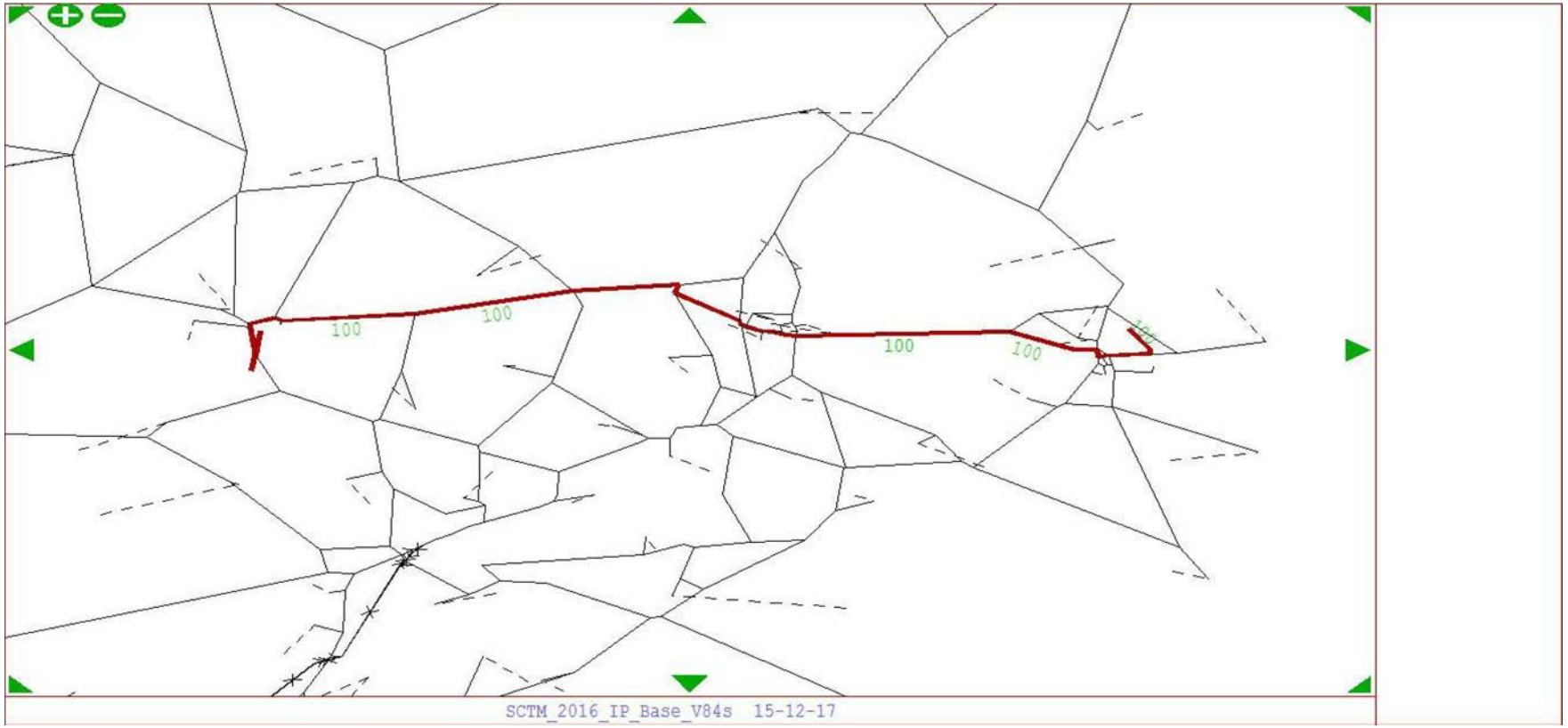
From Zone 897 To Zone 348 - User Class 6



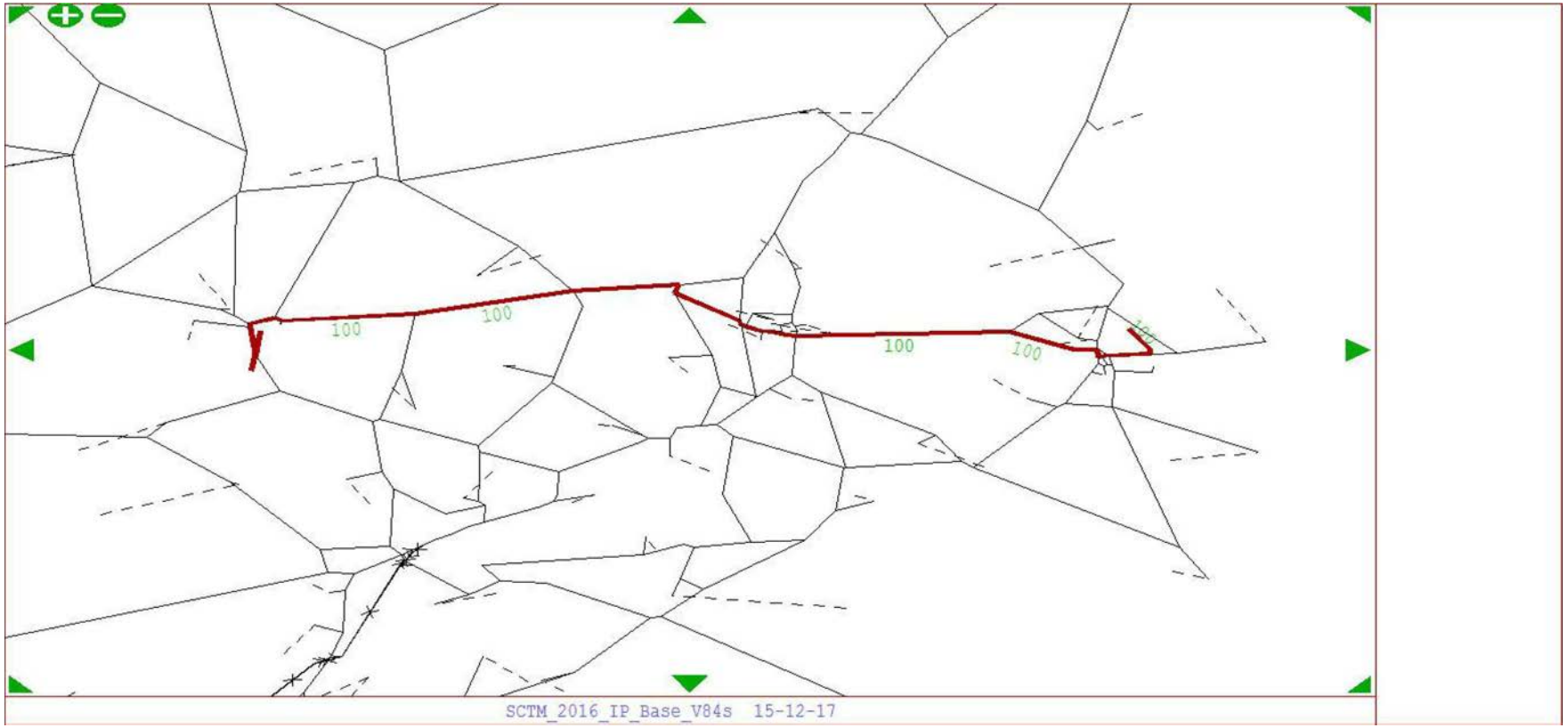
From Zone 897 To Zone 348 - User Class 10



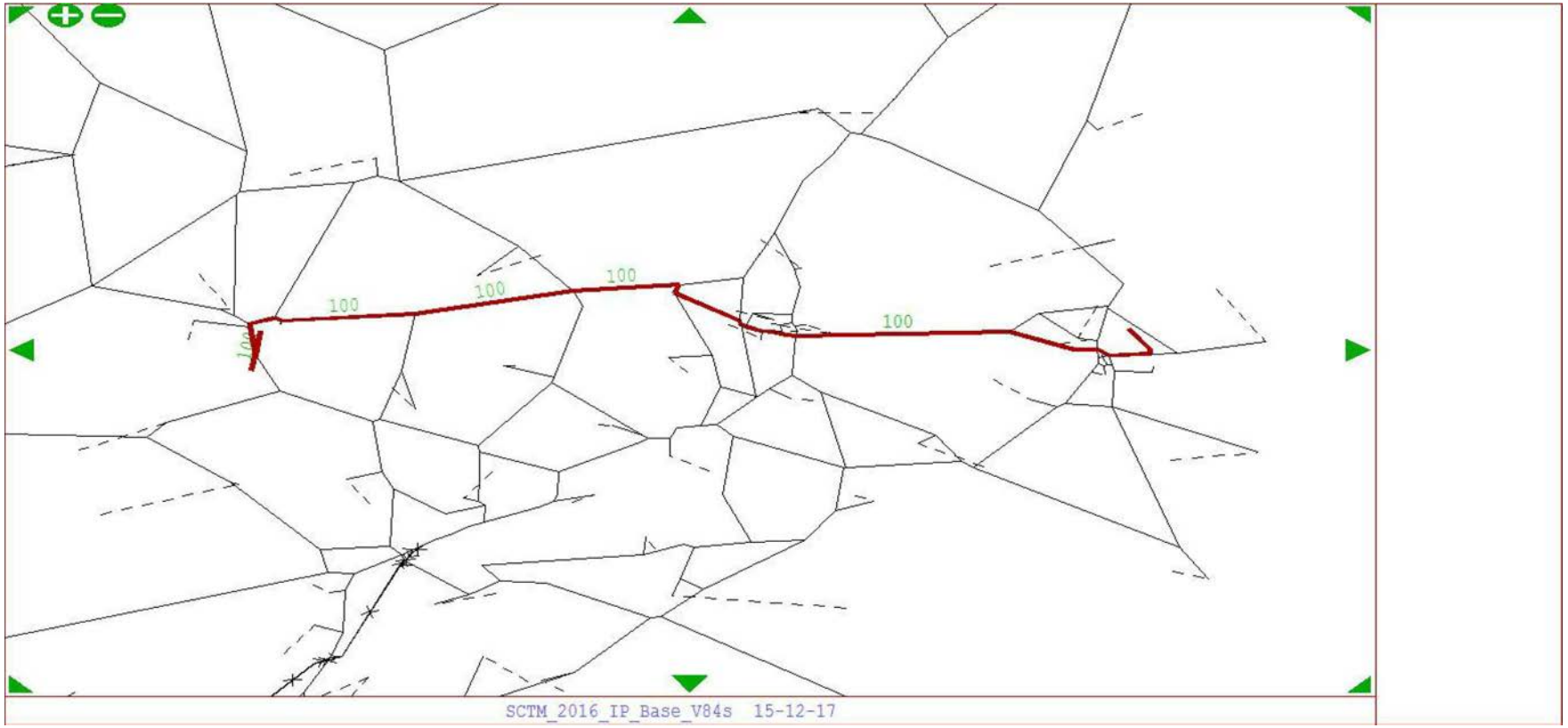
From Zone 902 To Zone 895 - User Class 6



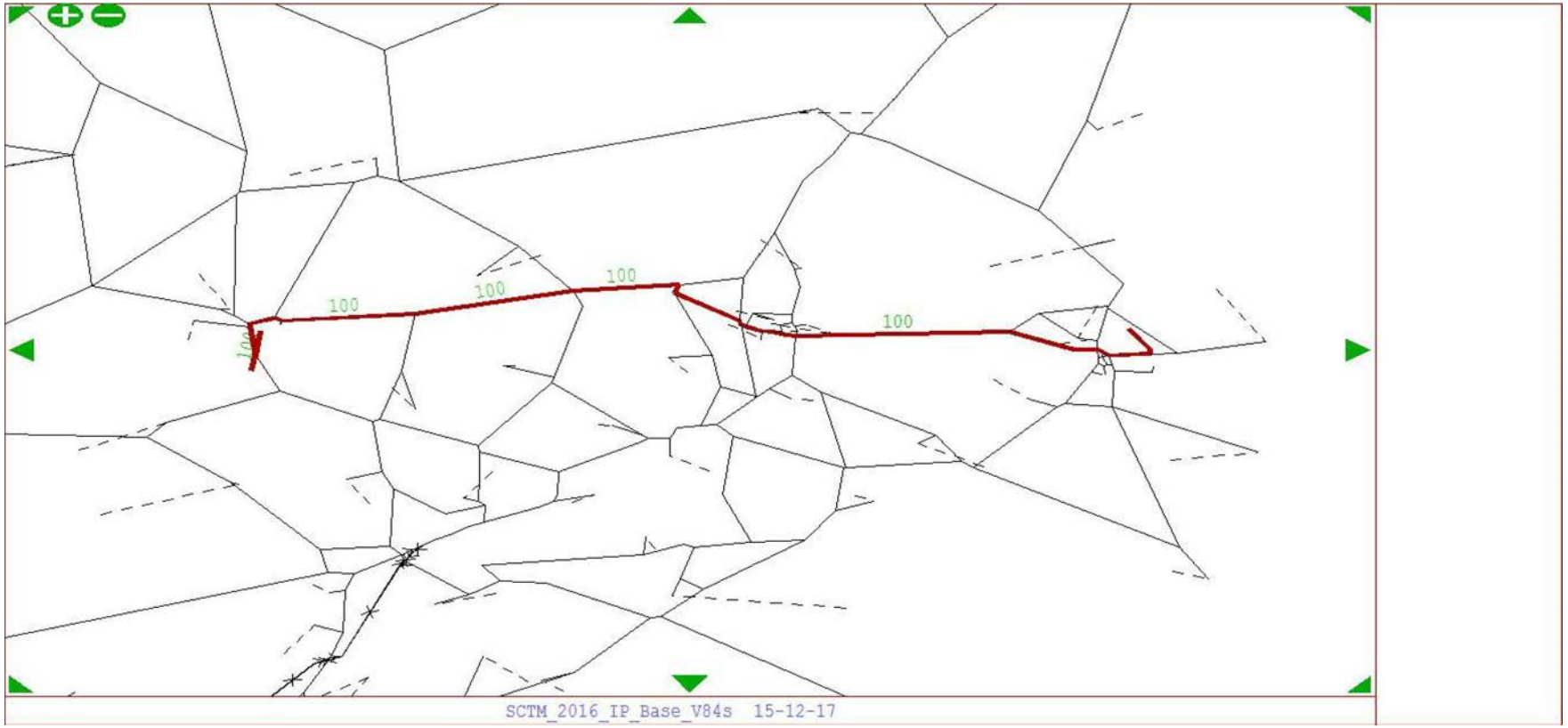
From Zone 902 To Zone 895 - User Class 10



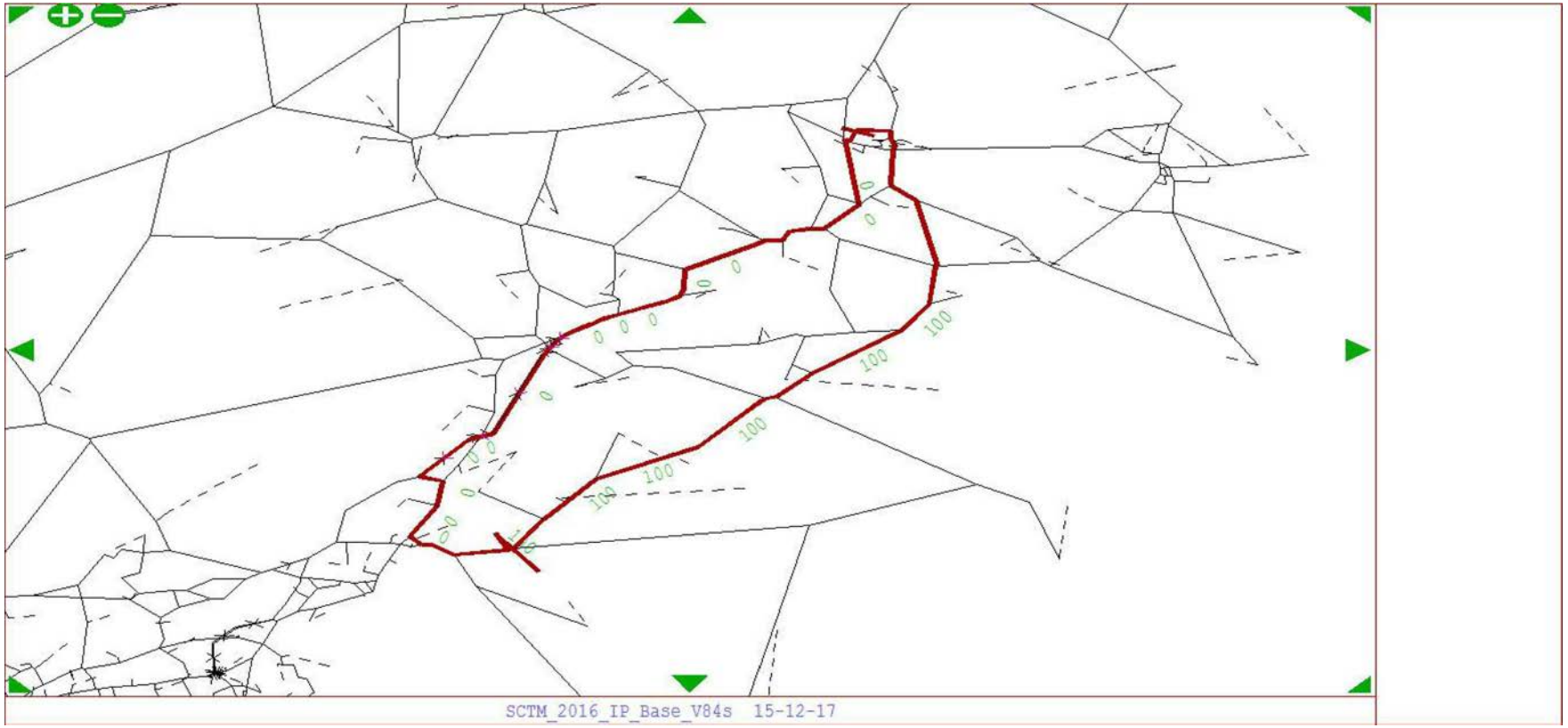
From Zone 895 To Zone 902 - User Class 6



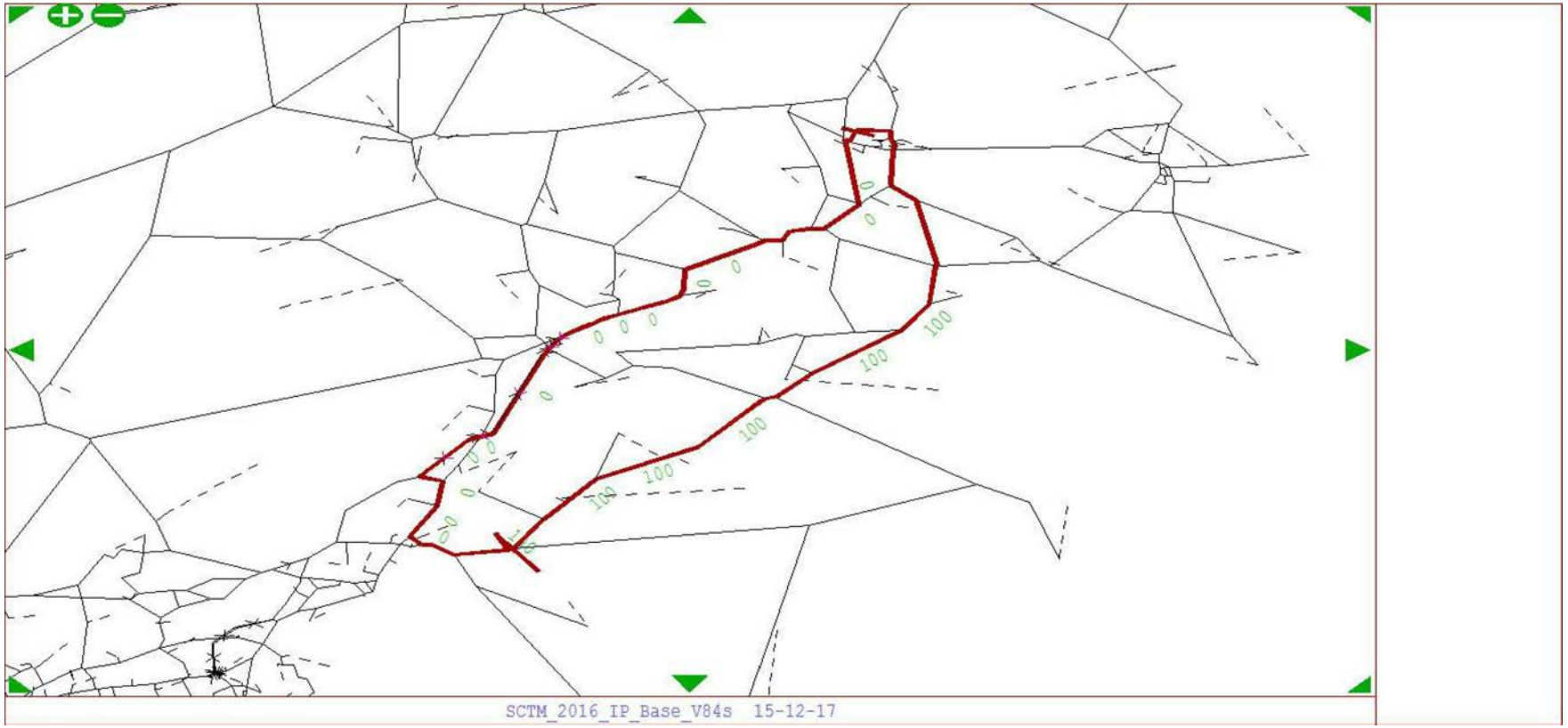
From Zone 895 To Zone 902 - User Class 10



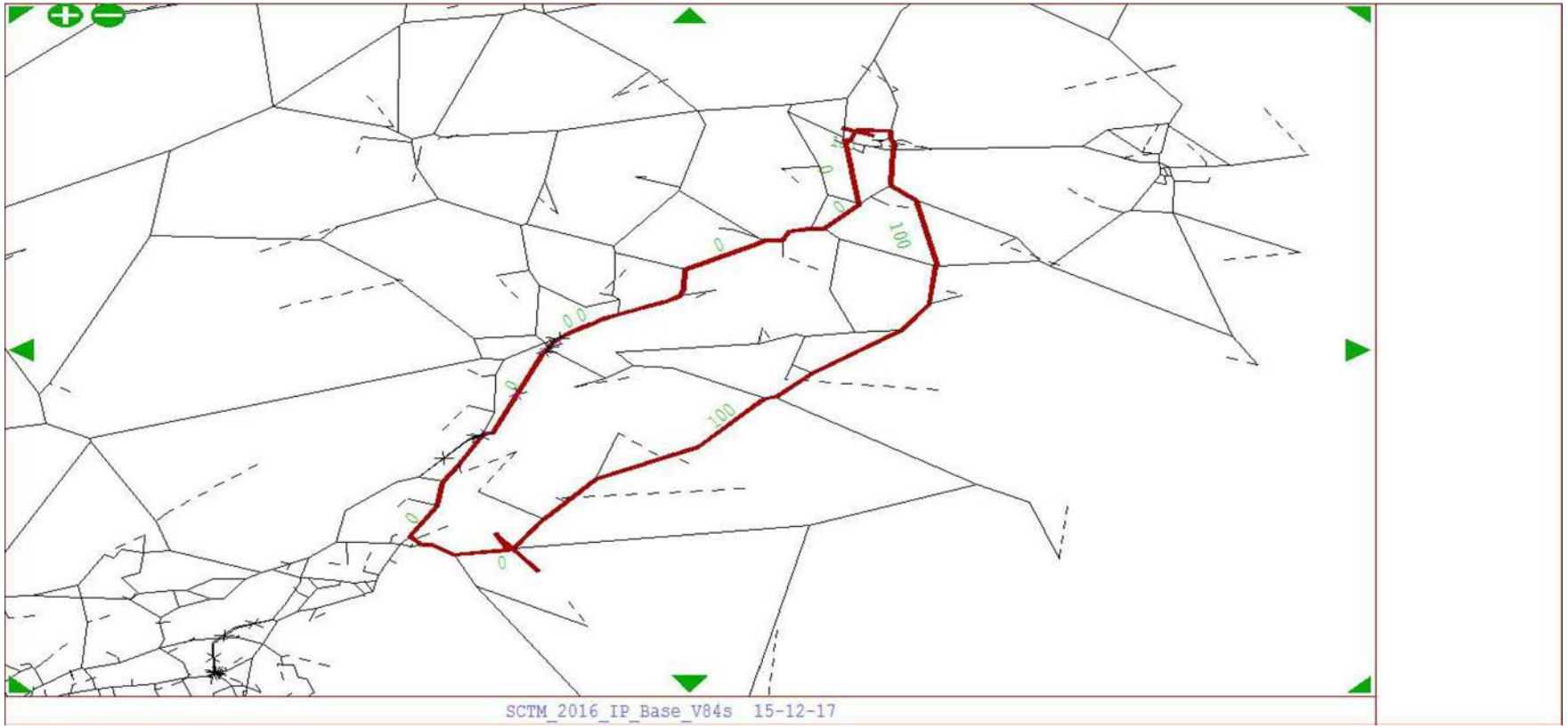
From Zone 896 To Zone 356 - User Class 6



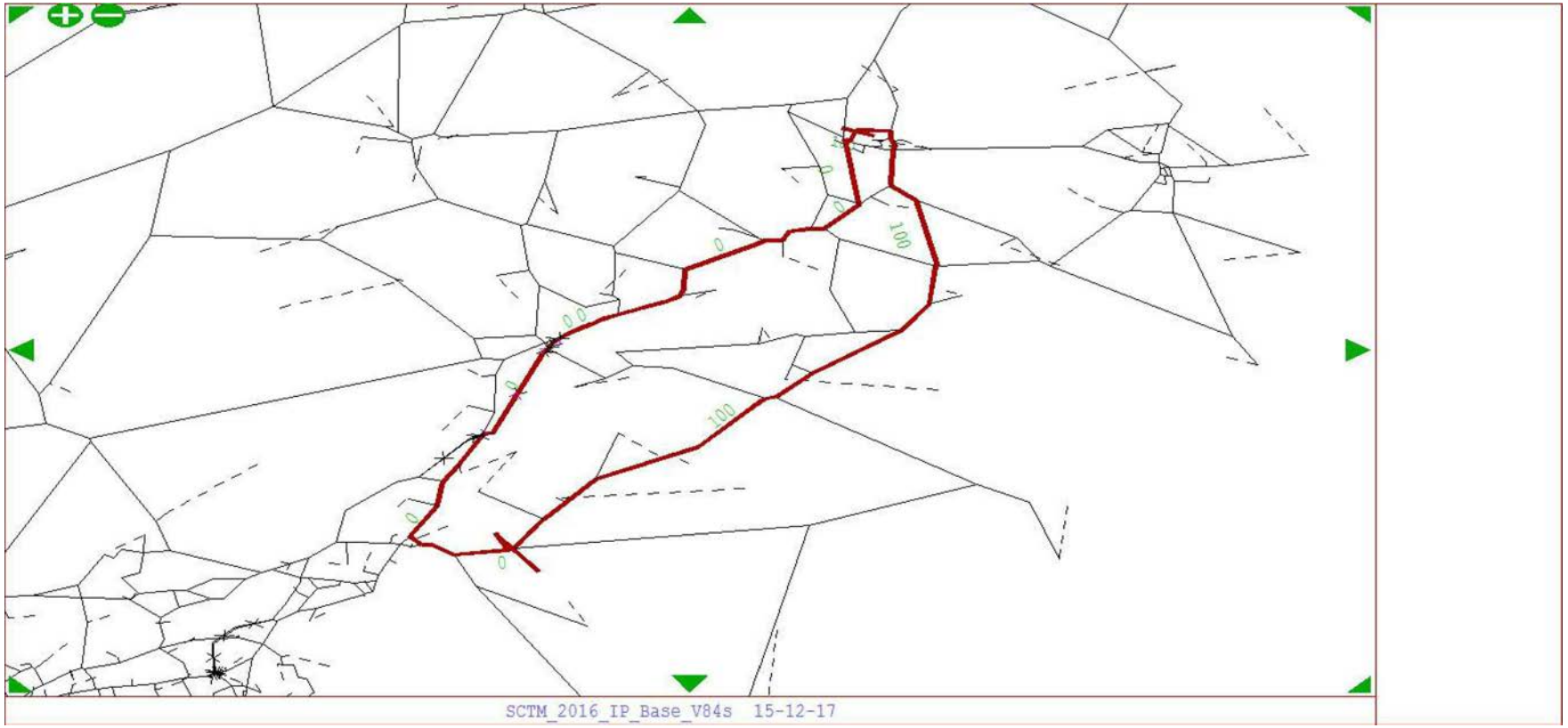
From Zone 896 To Zone 356 - User Class 10



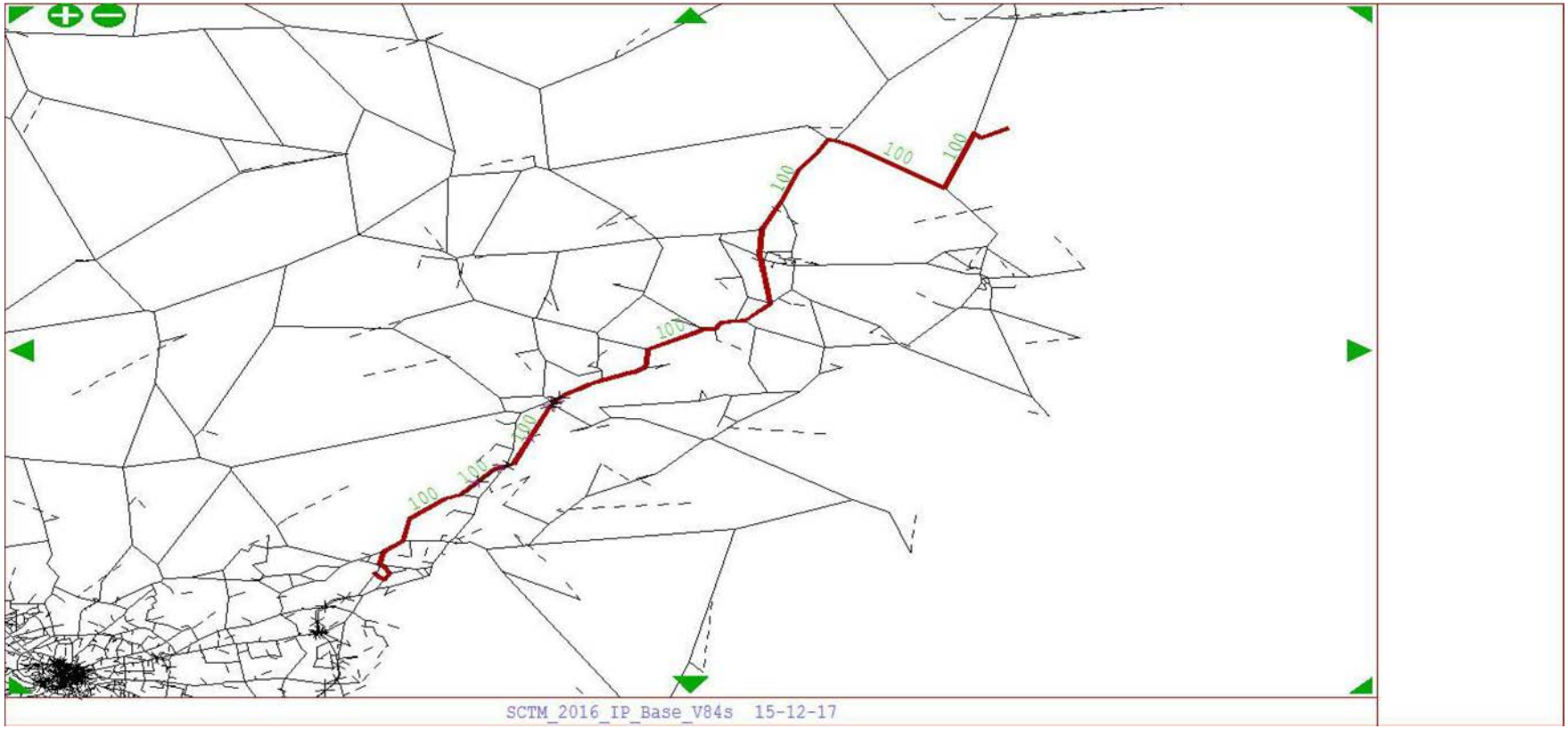
From Zone 356 To Zone 896 - User Class 6



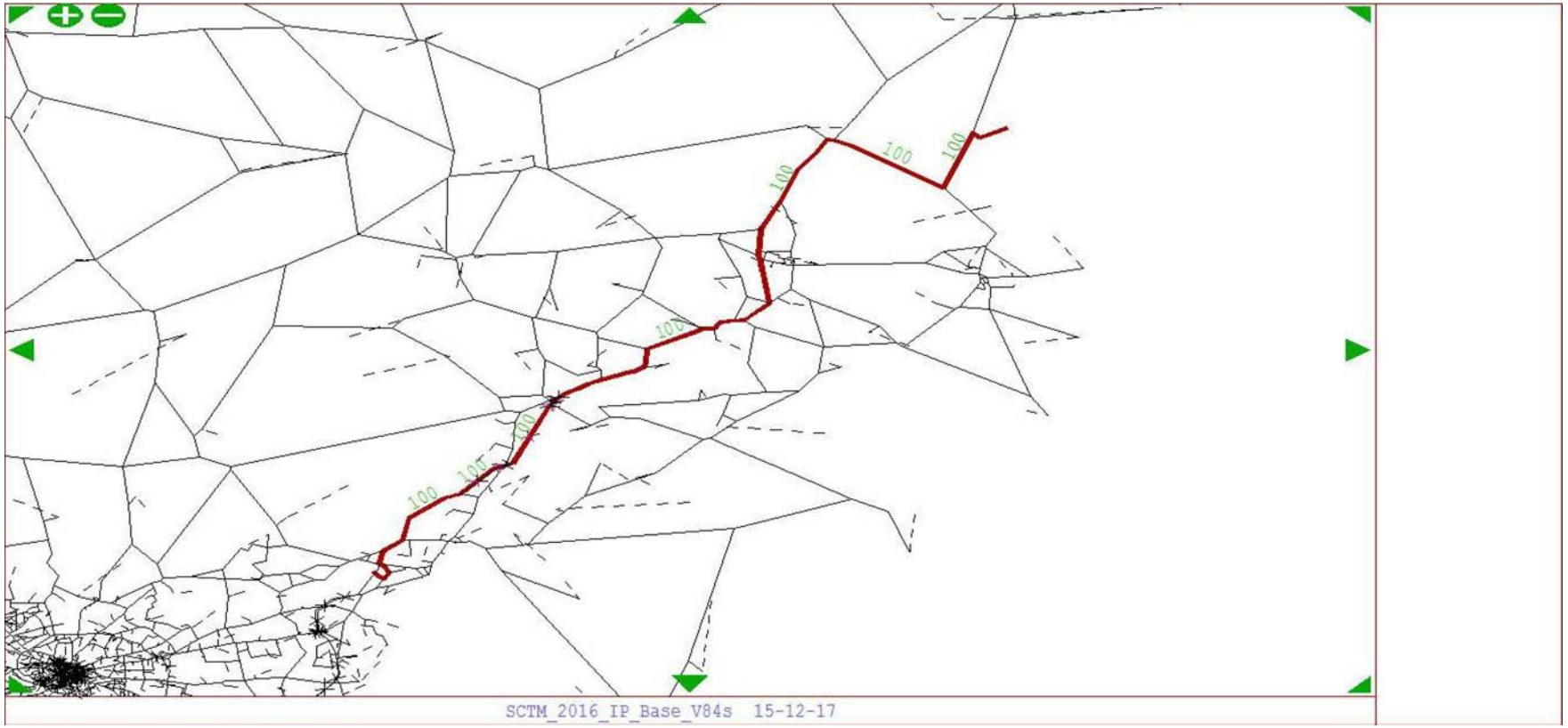
From Zone 356 To Zone 896 - User Class 10



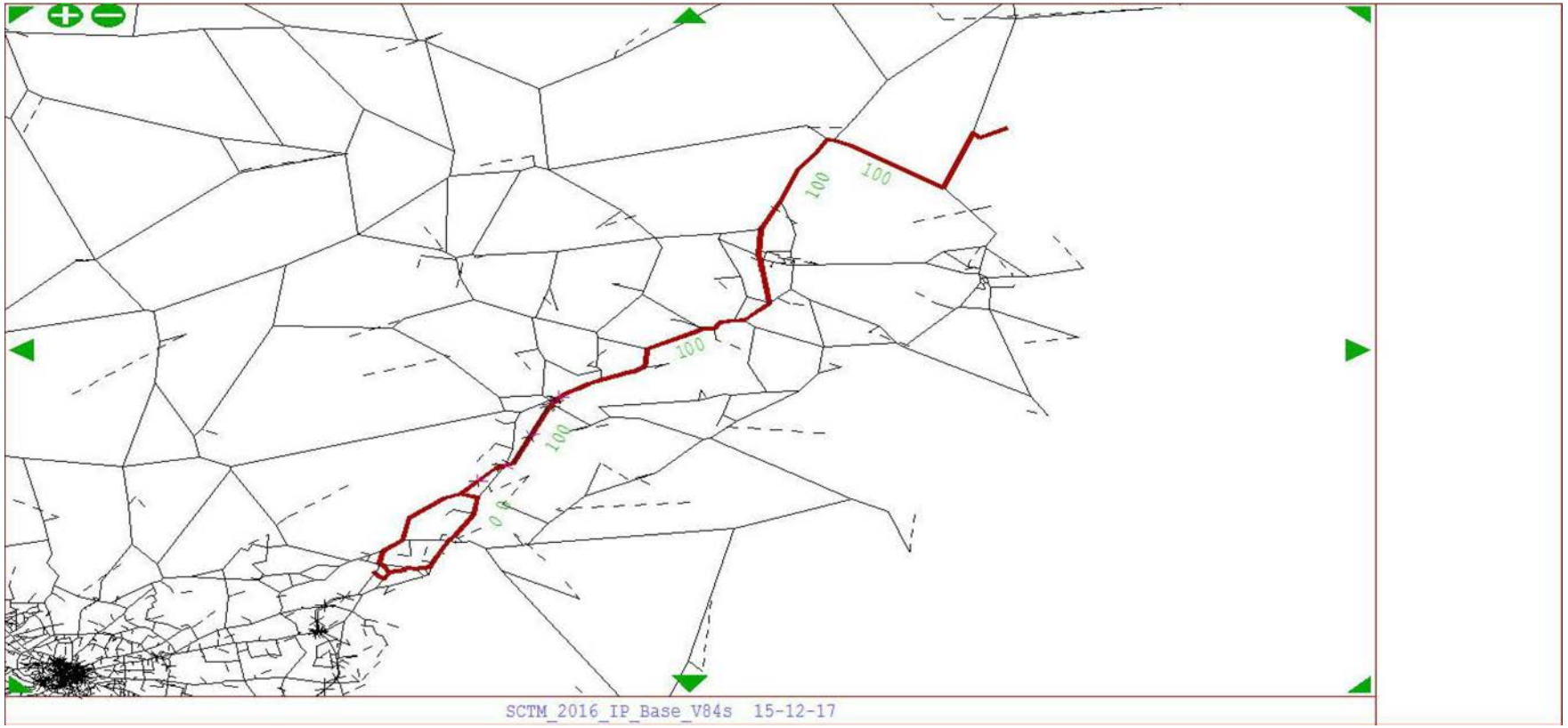
From Zone 362 To Zone 572 - User Class 6



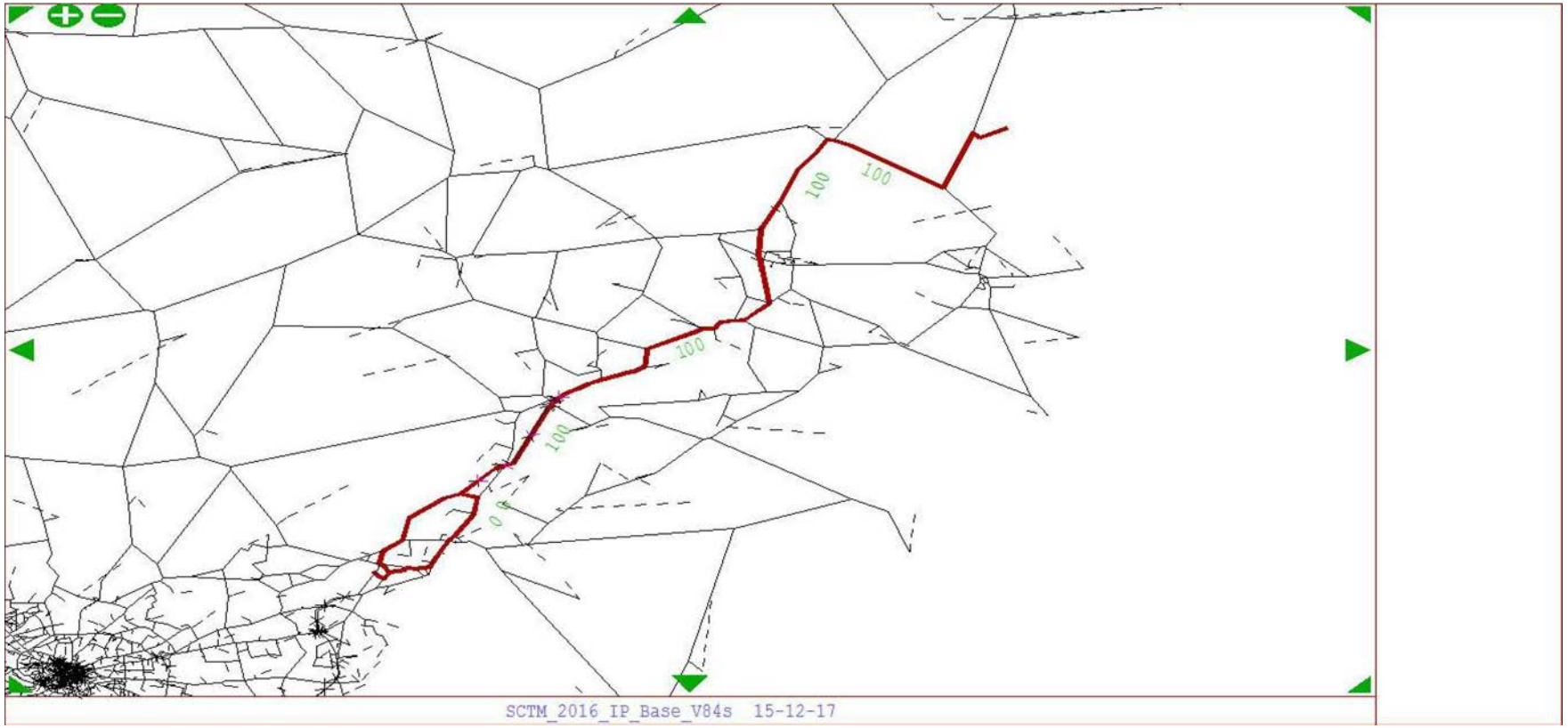
From Zone 362 To Zone 572 - User Class 10



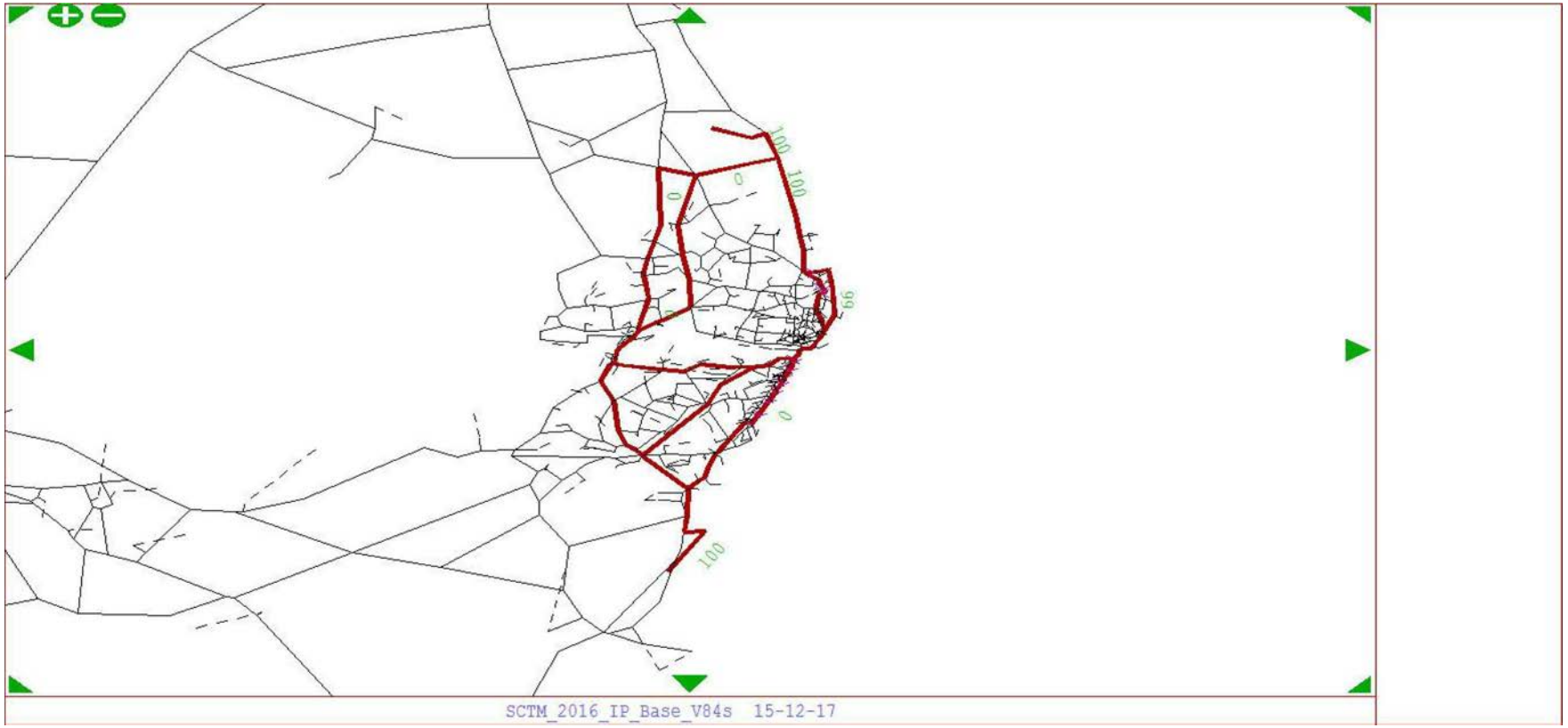
From Zone 572 To Zone 362 - User Class 6



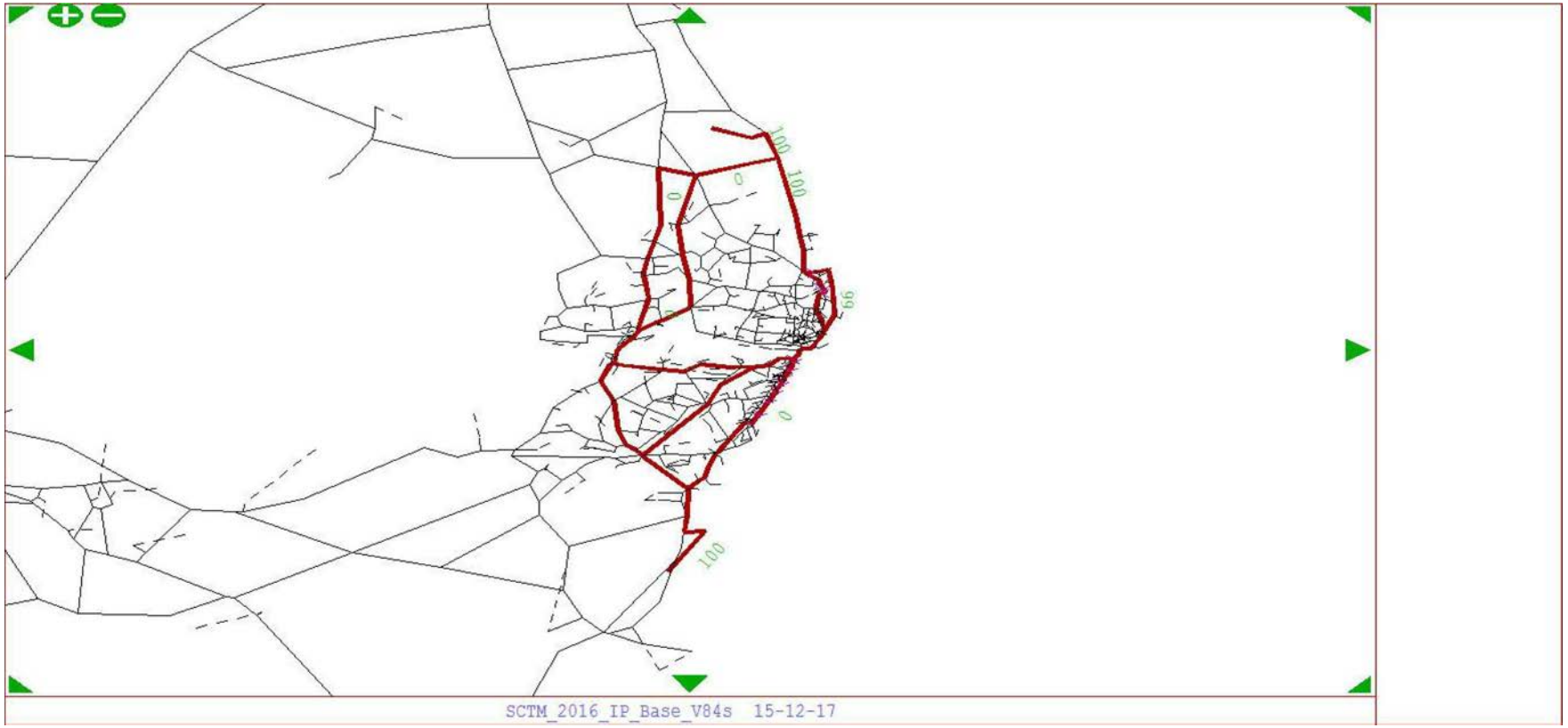
From Zone 572 To Zone 362 - User Class 10



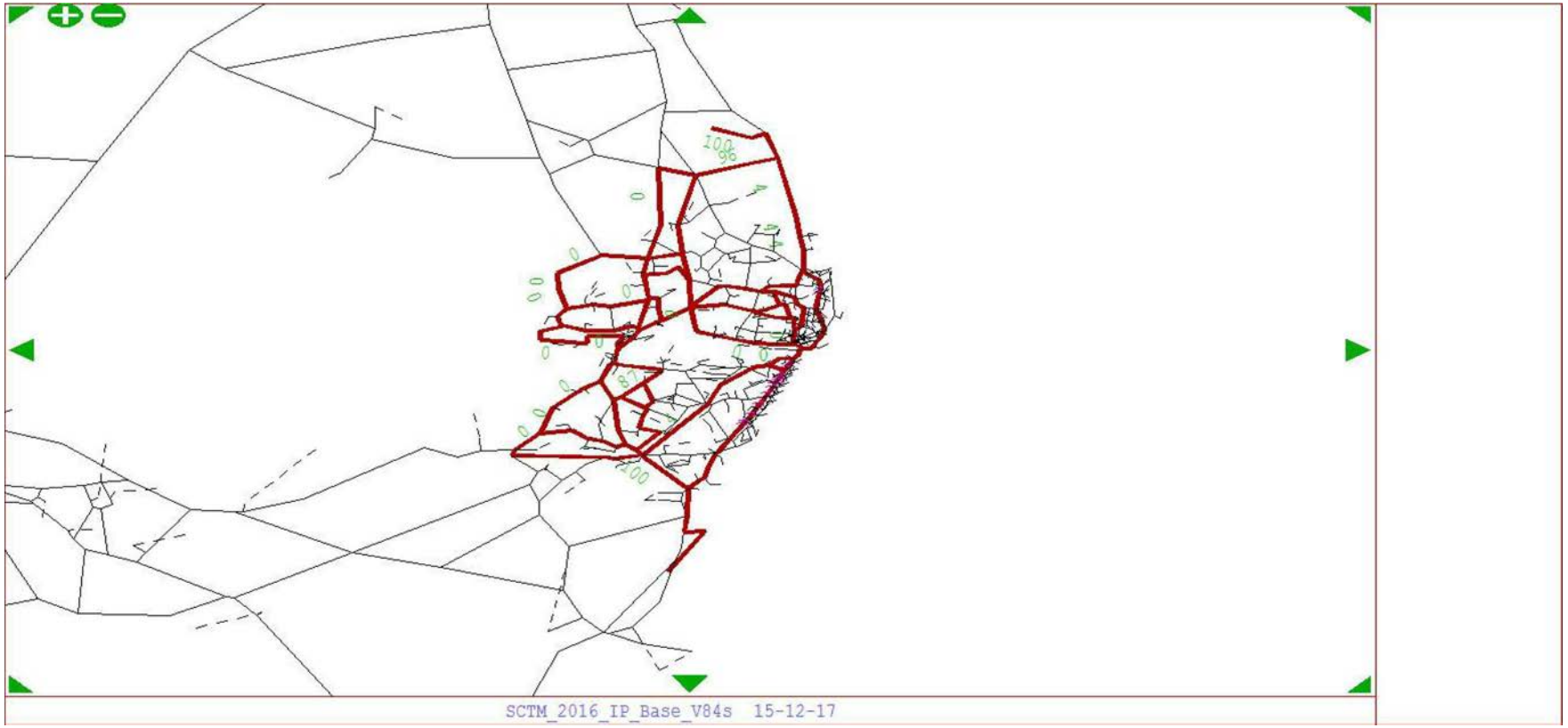
From Zone 408 To Zone 465 - User Class 6



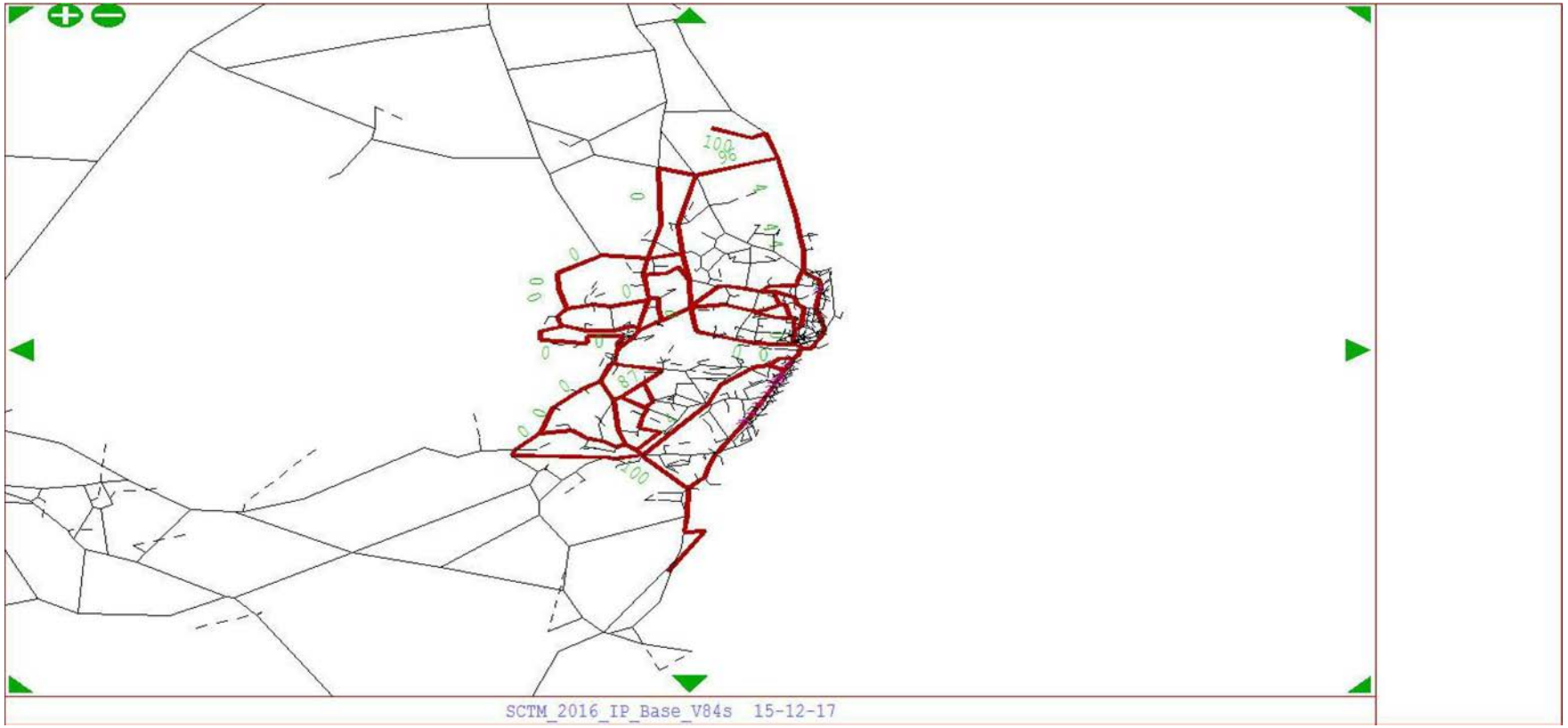
From Zone 408 To Zone 465 - User Class 10



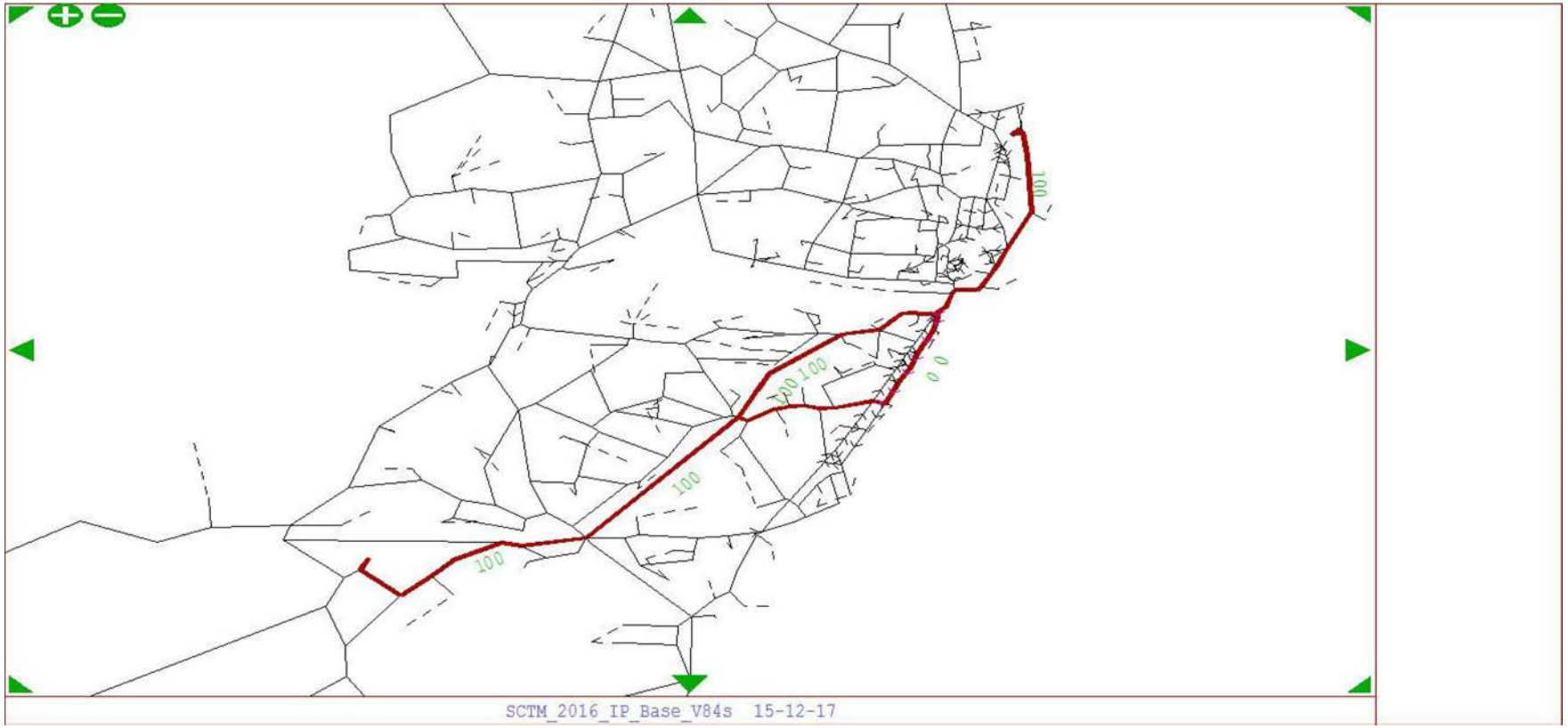
From Zone 465 To Zone 408 - User Class 6



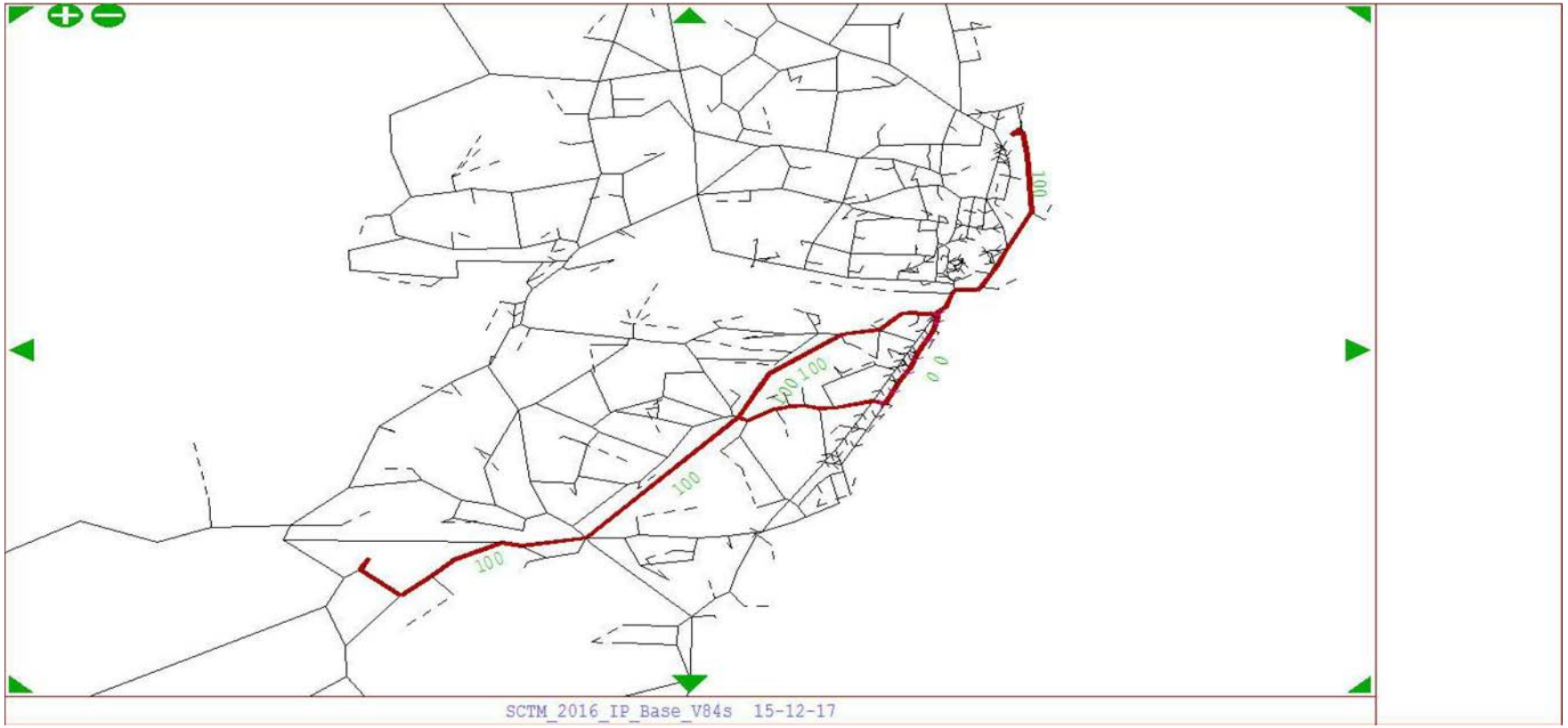
From Zone 465 To Zone 408 - User Class 10



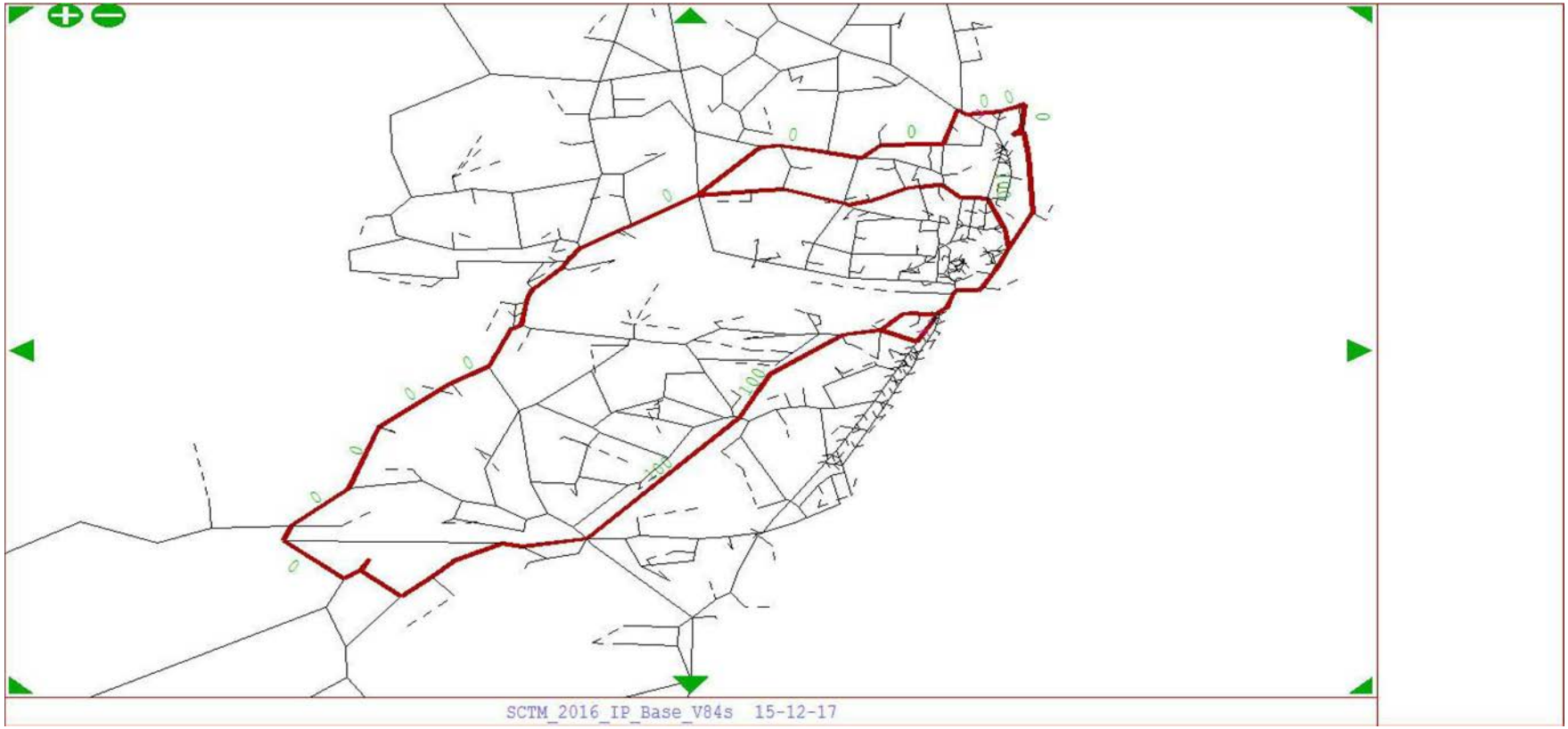
From Zone 84 To Zone 782 - User Class 6



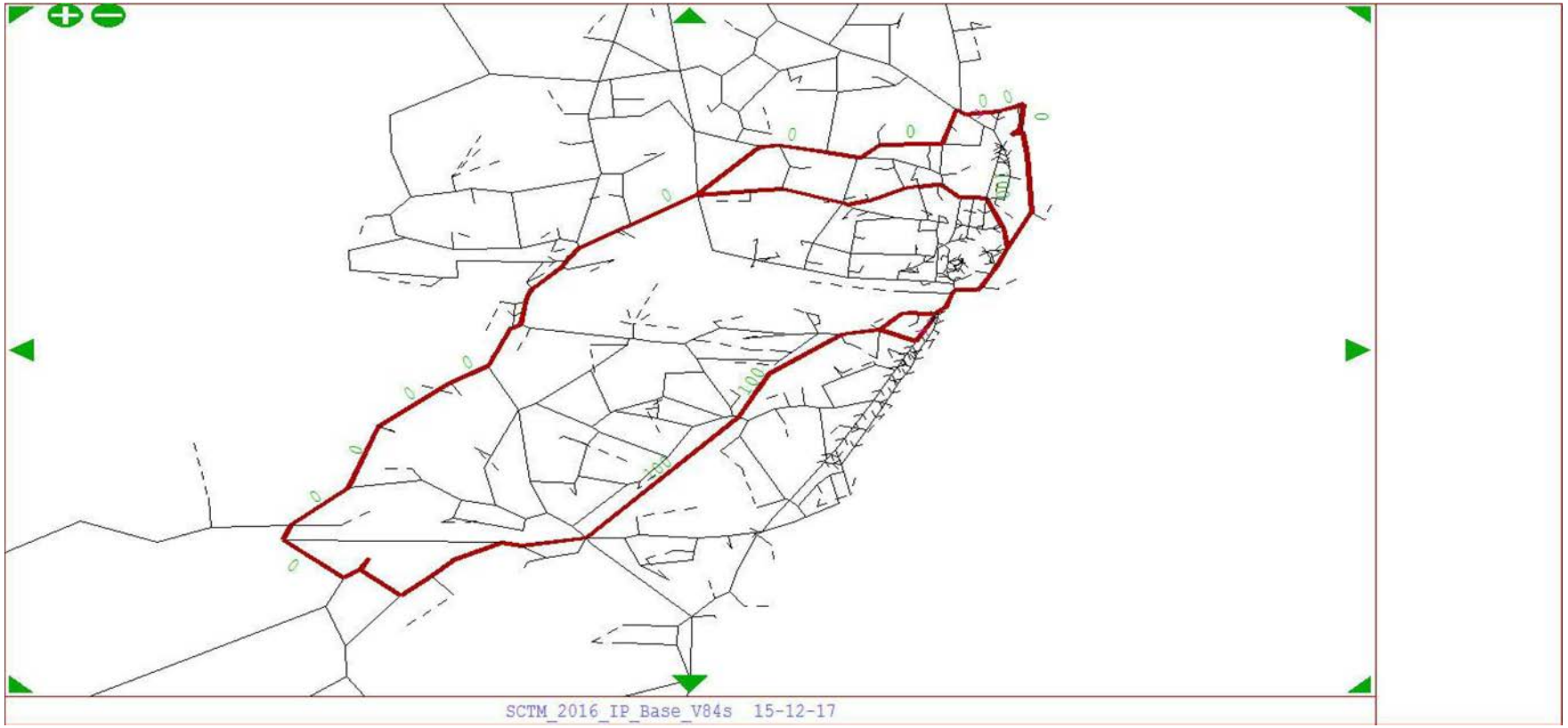
From Zone 84 To Zone 782 - User Class 10



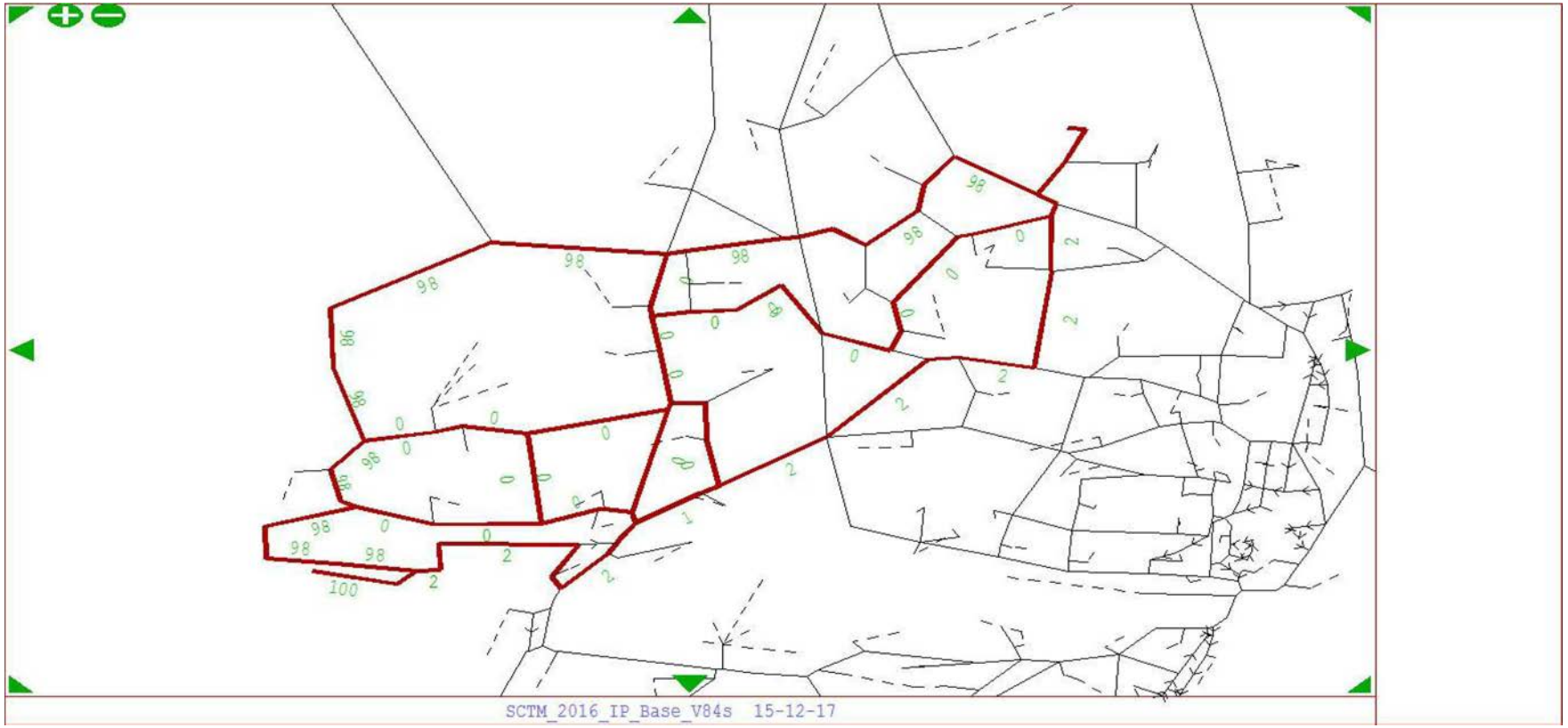
From Zone 782 To Zone 84 - User Class 6



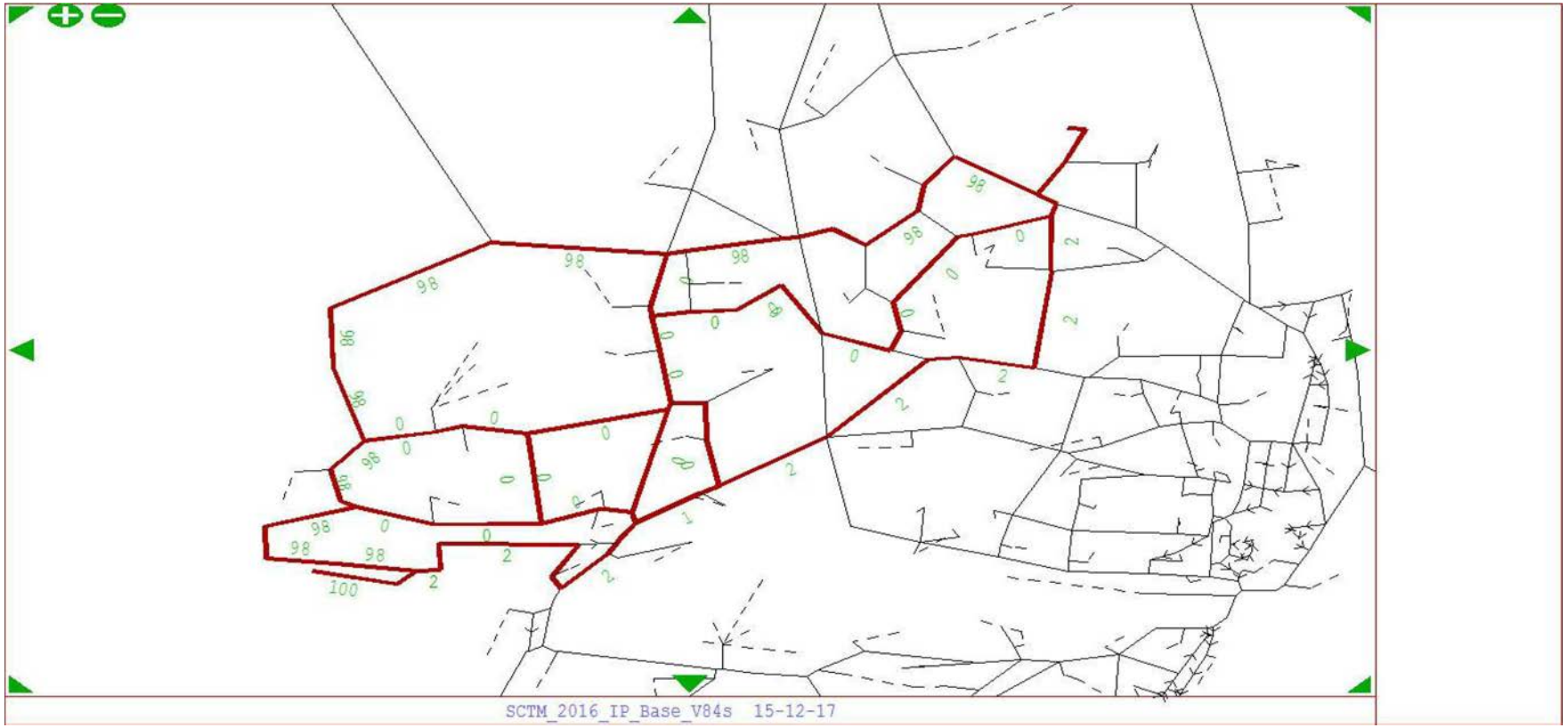
From Zone 782 To Zone 84 - User Class 10



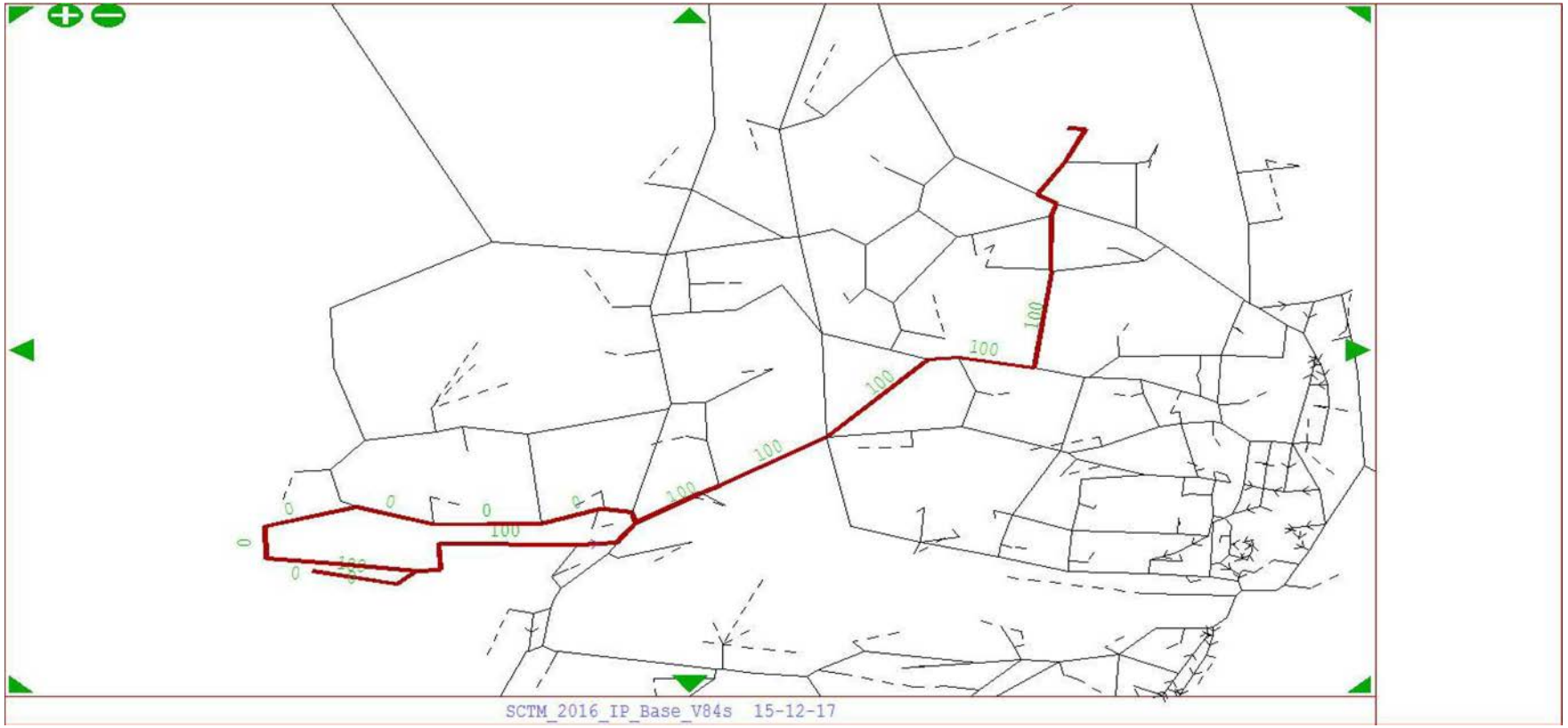
From Zone 409 To Zone 584 - User Class 6



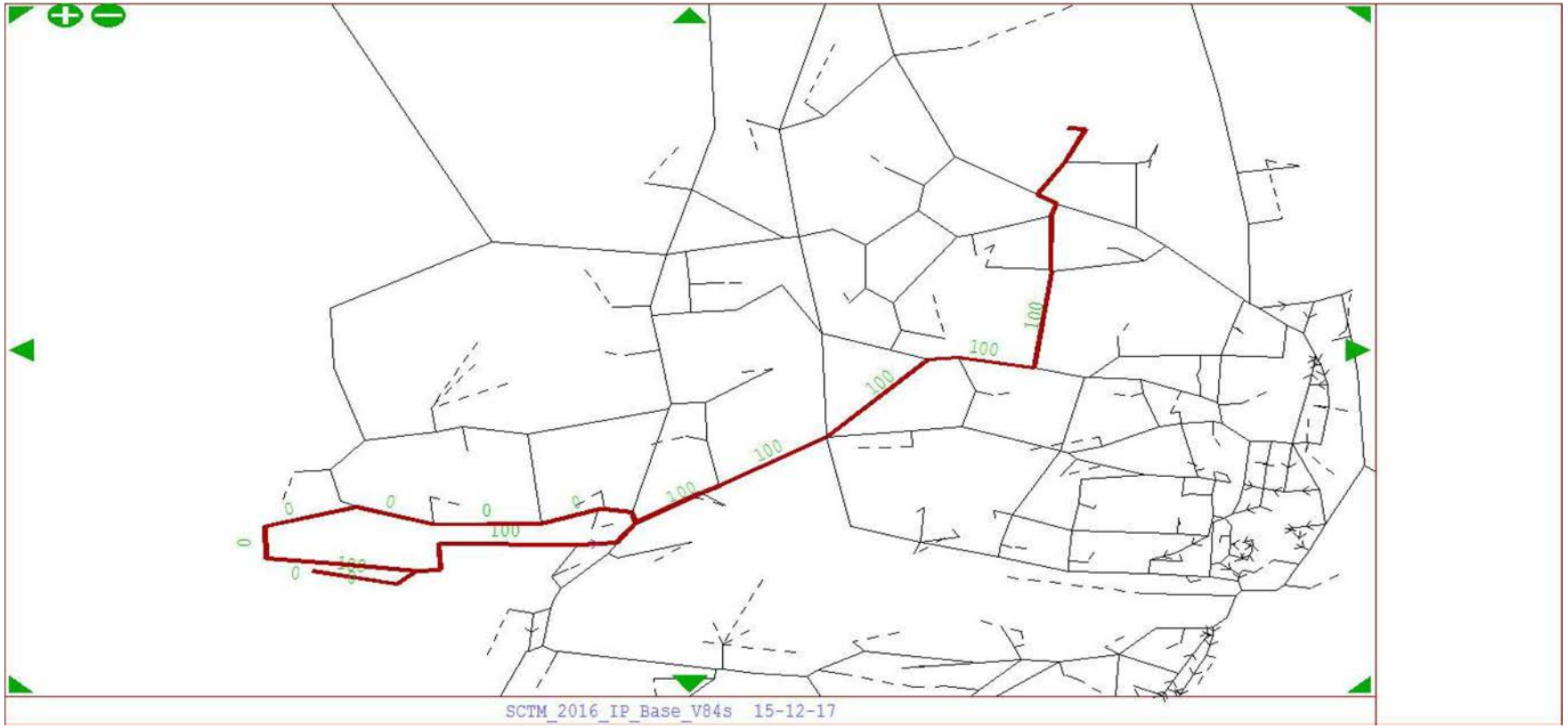
From Zone 409 To Zone 584 - User Class 10



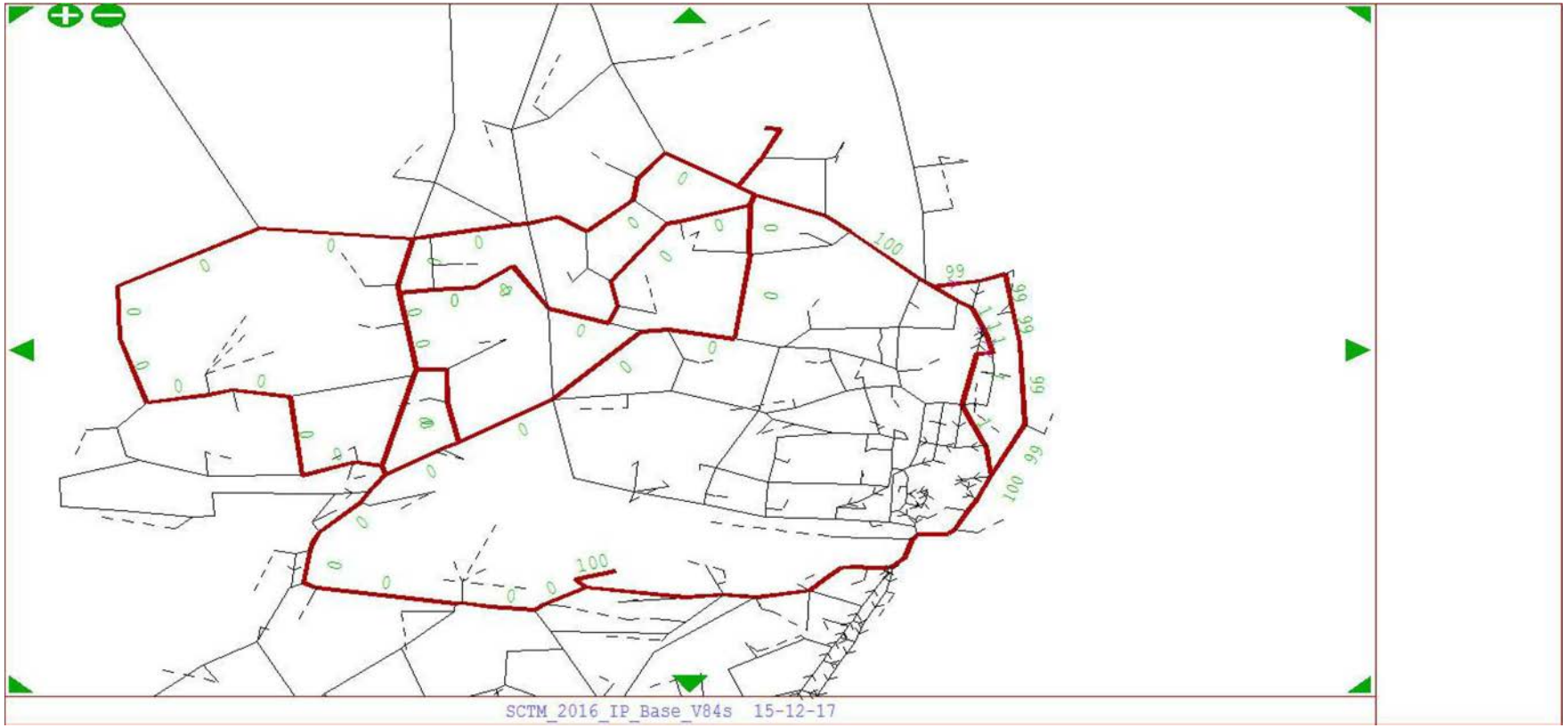
From Zone 584 To Zone 409 - User Class 6



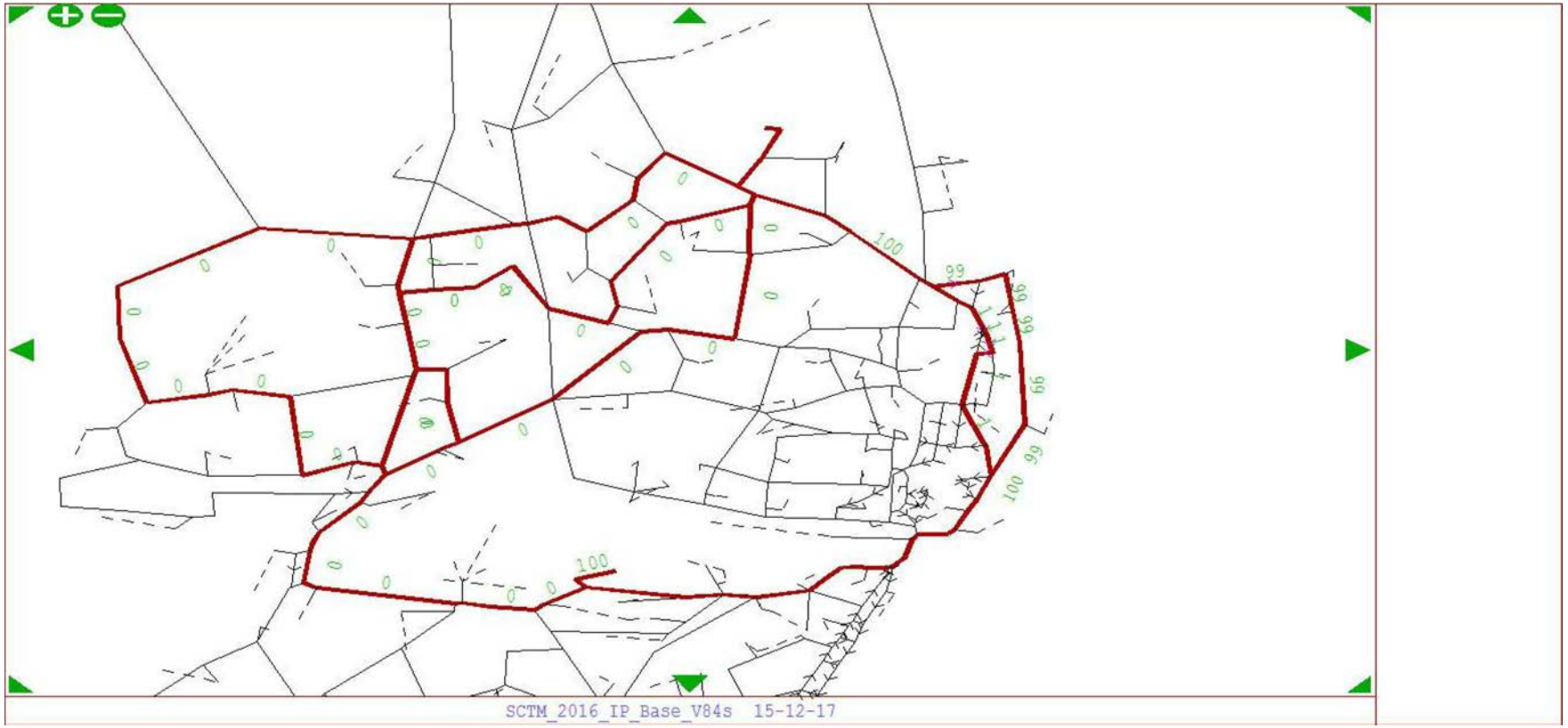
From Zone 584 To Zone 409 - User Class 10



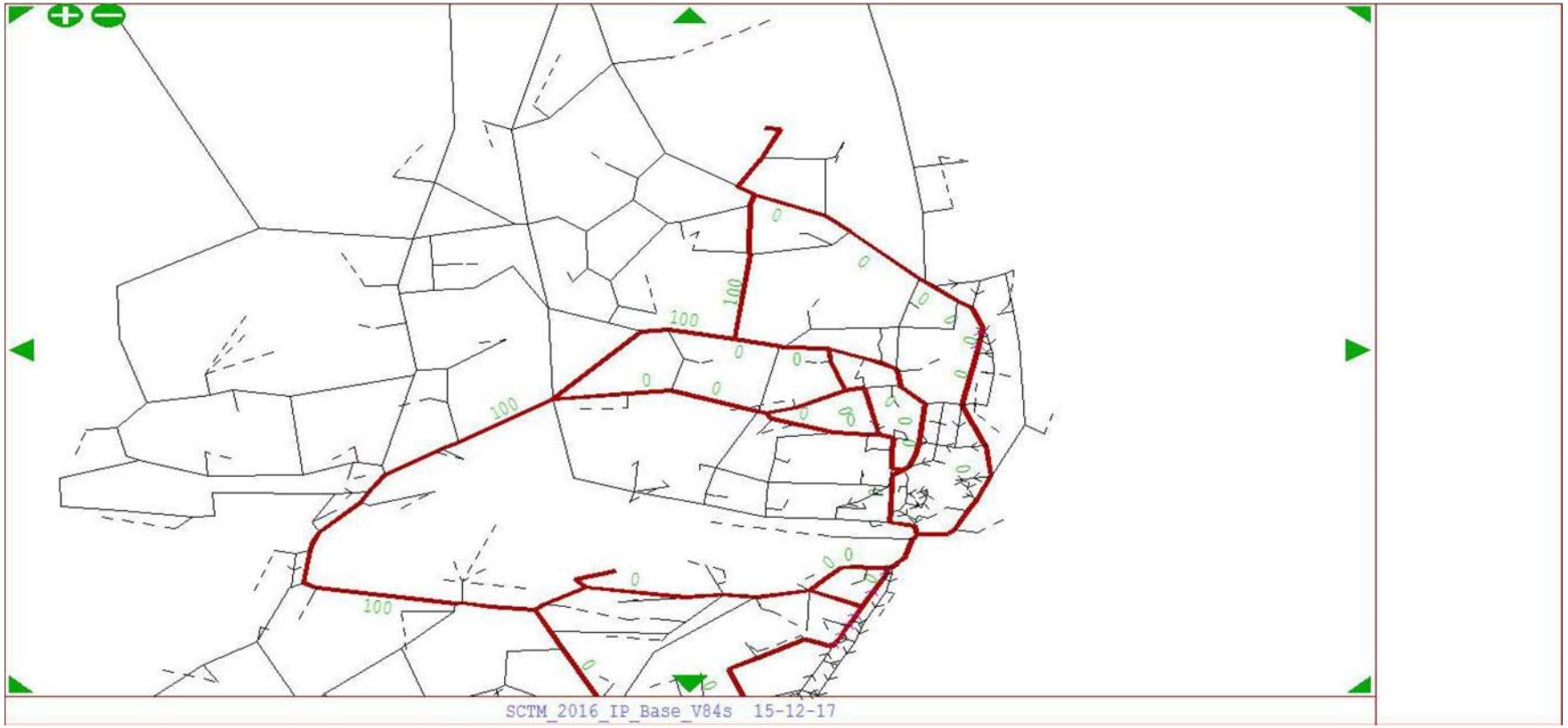
From Zone 409 To Zone 589 - User Class 6



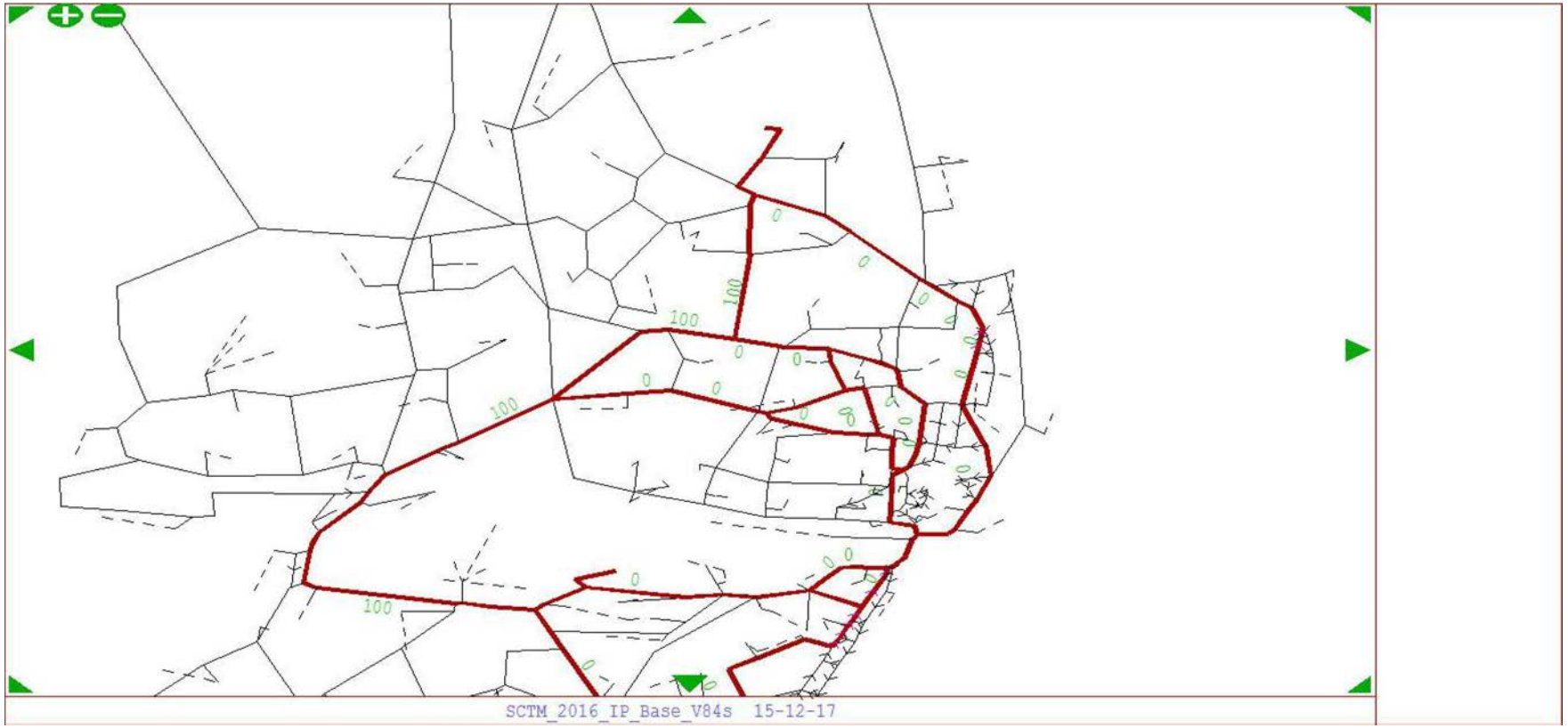
From Zone 409 To Zone 589 - User Class 10



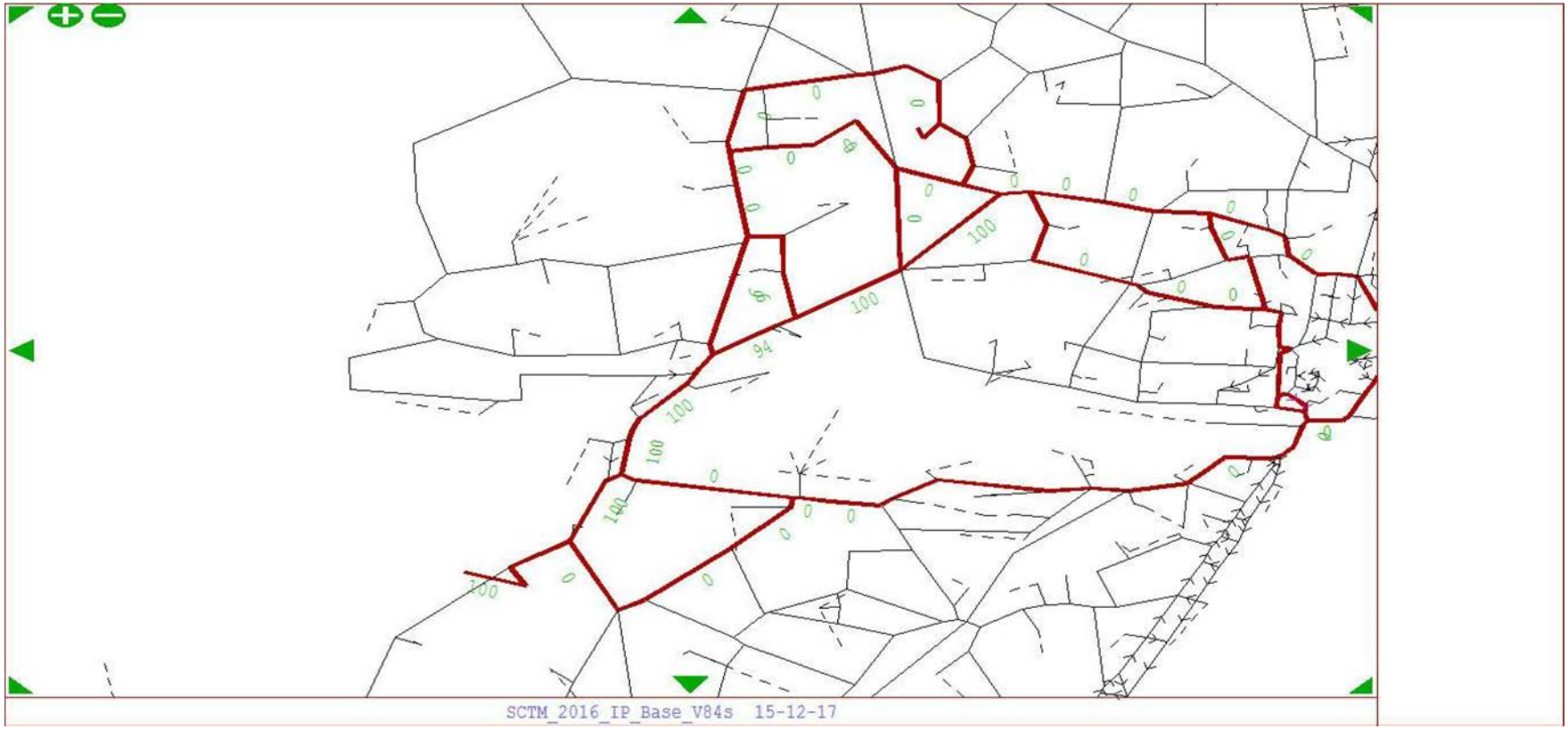
From Zone 589 To Zone 409 - User Class 6



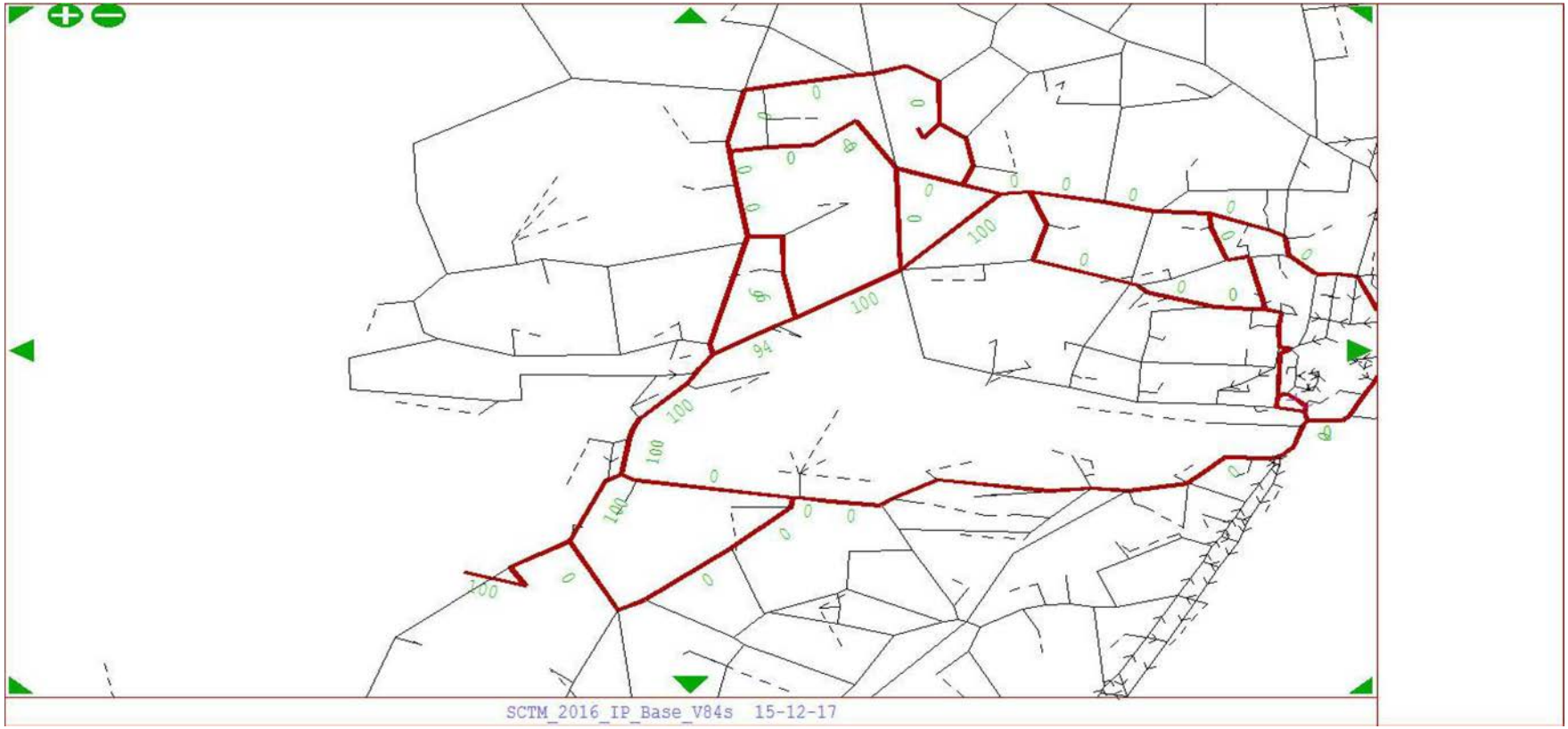
From Zone 589 To Zone 409 - User Class 10



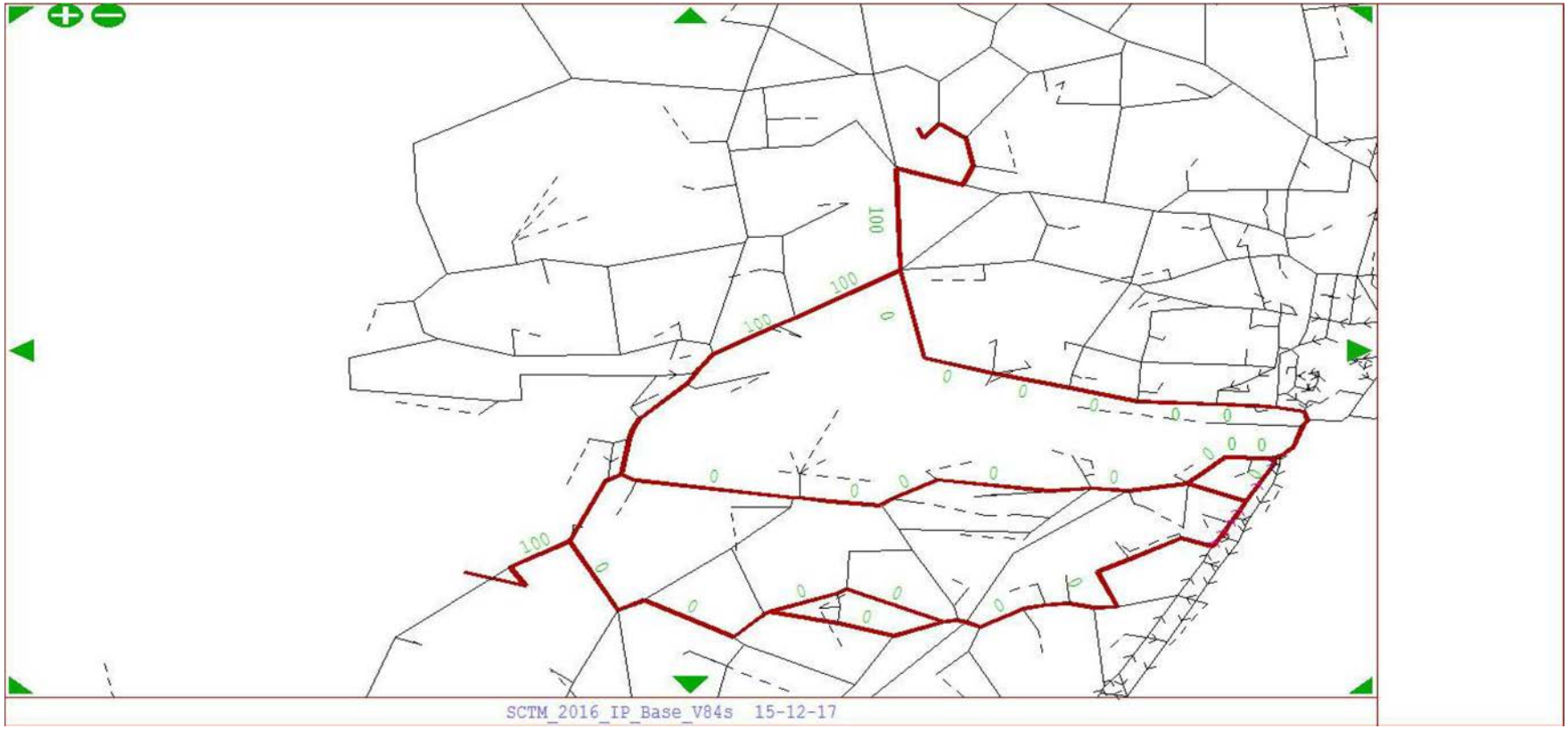
From Zone 767 To Zone 434 - User Class 6



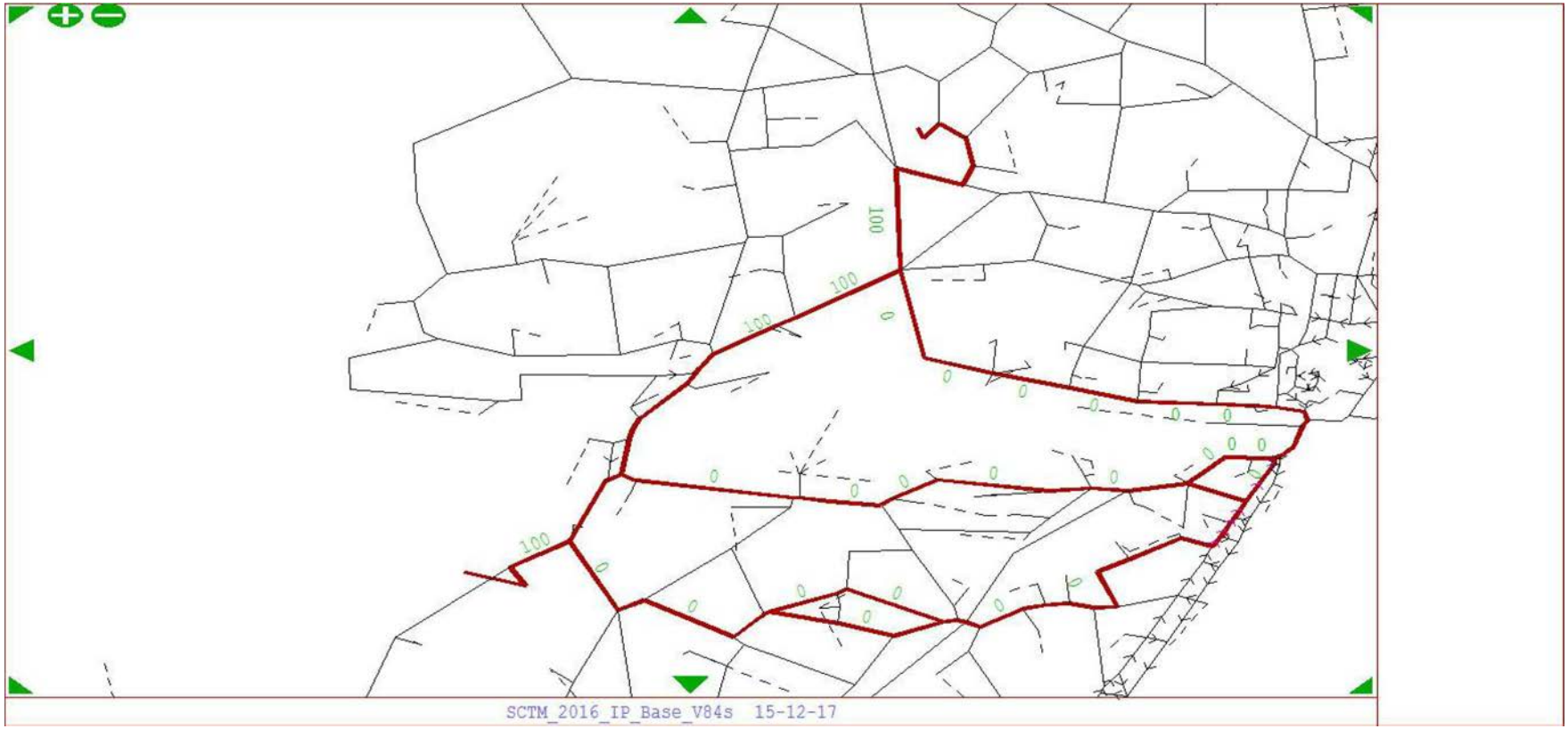
From Zone 767 To Zone 434 - User Class 10



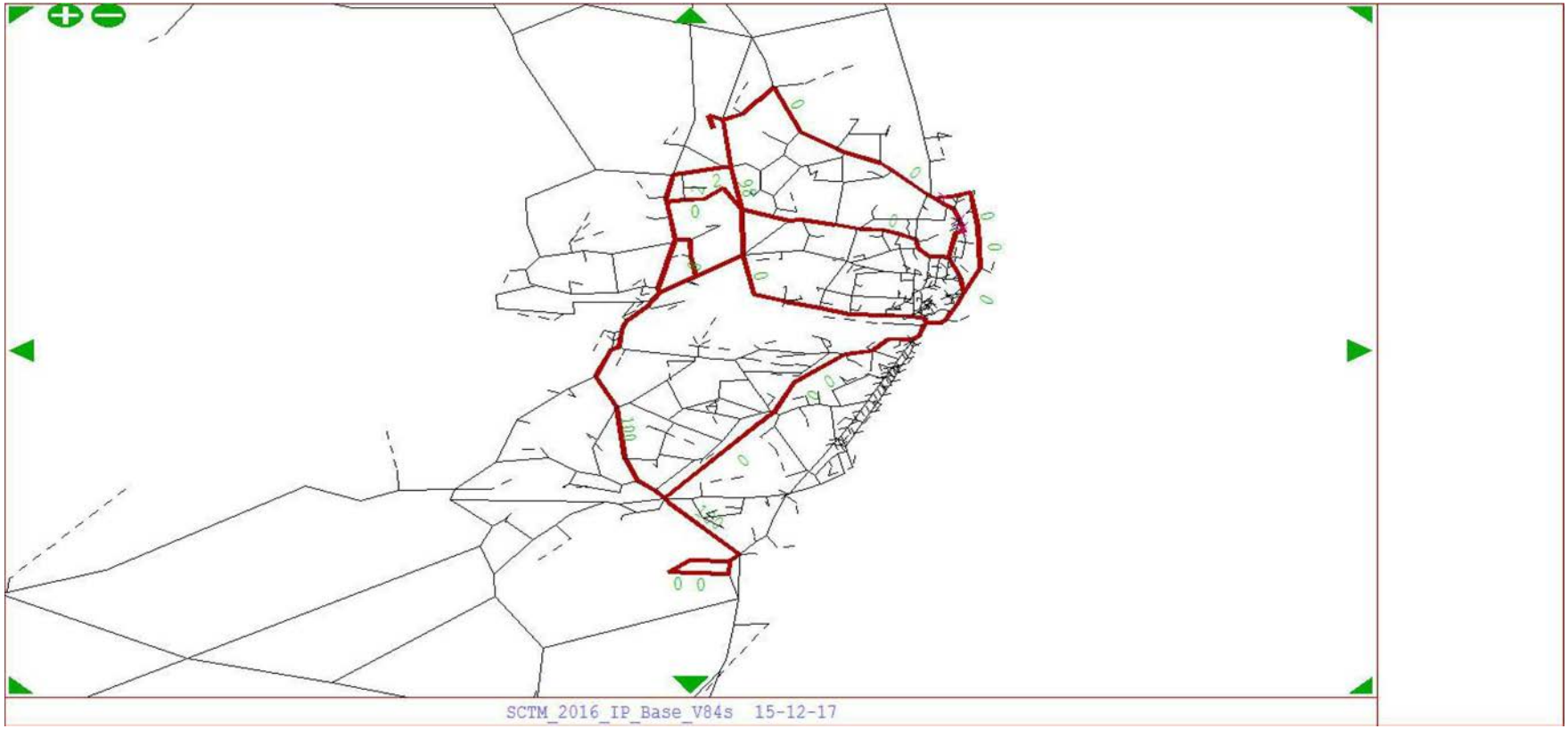
From Zone 434 To Zone 767 - User Class 6



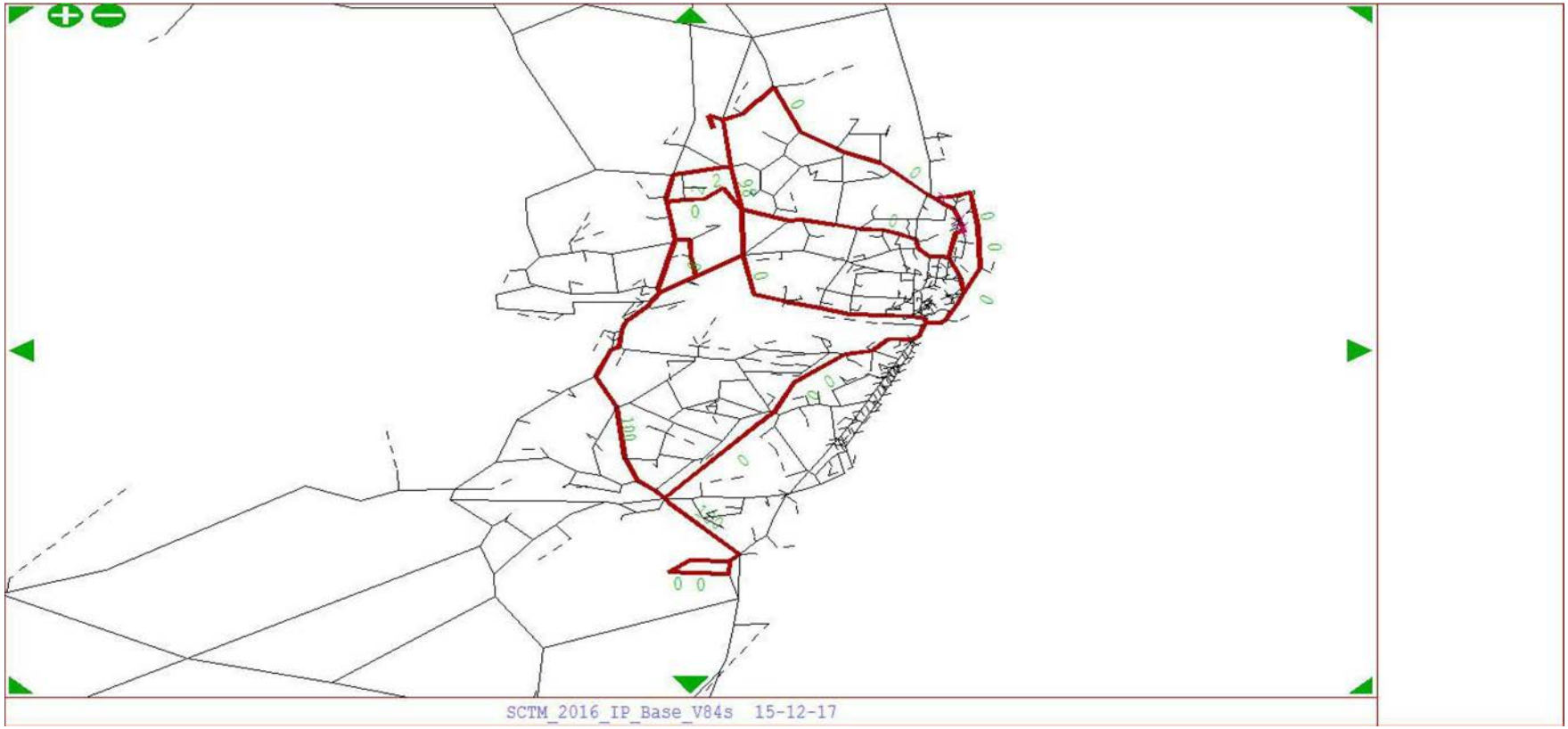
From Zone 434 To Zone 767 - User Class 10



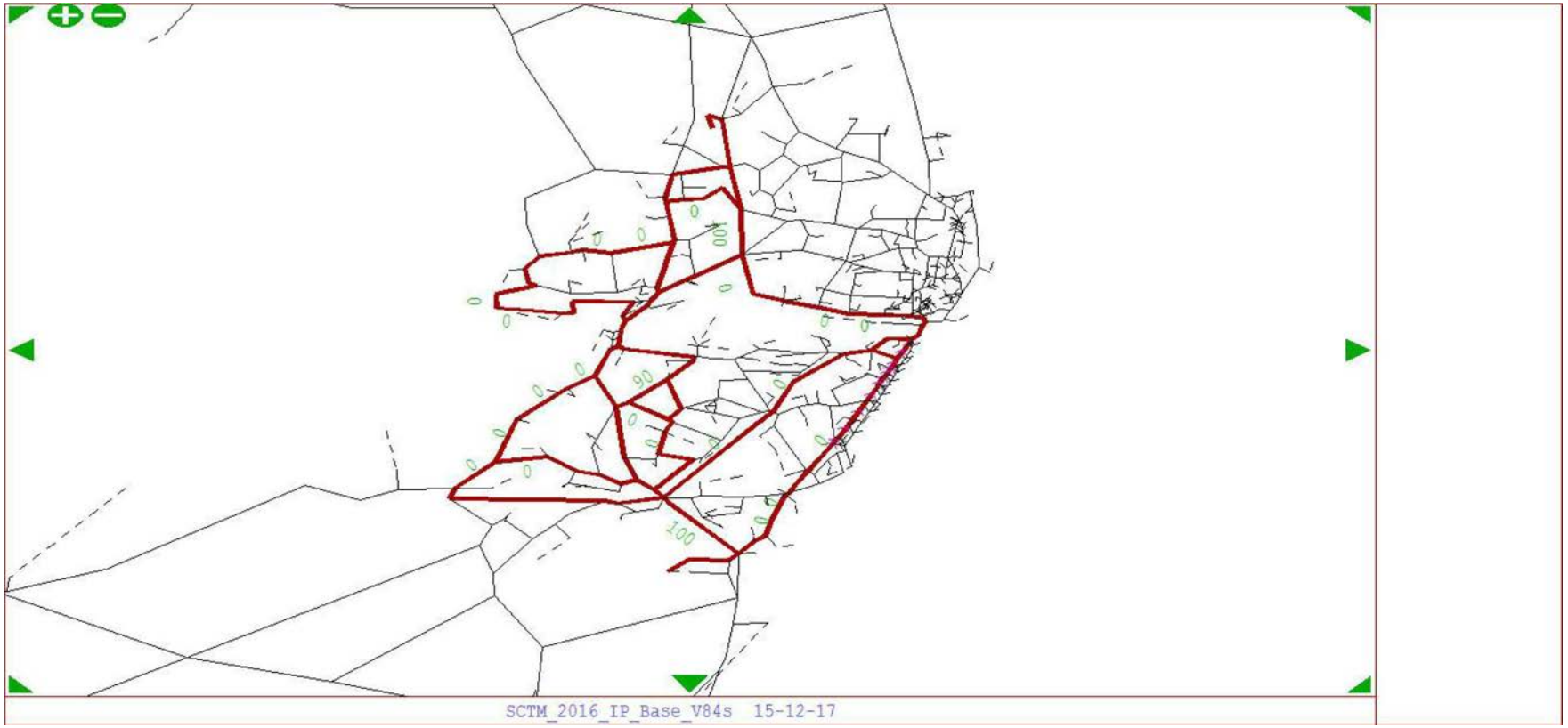
From Zone 586 To Zone 781 - User Class 6



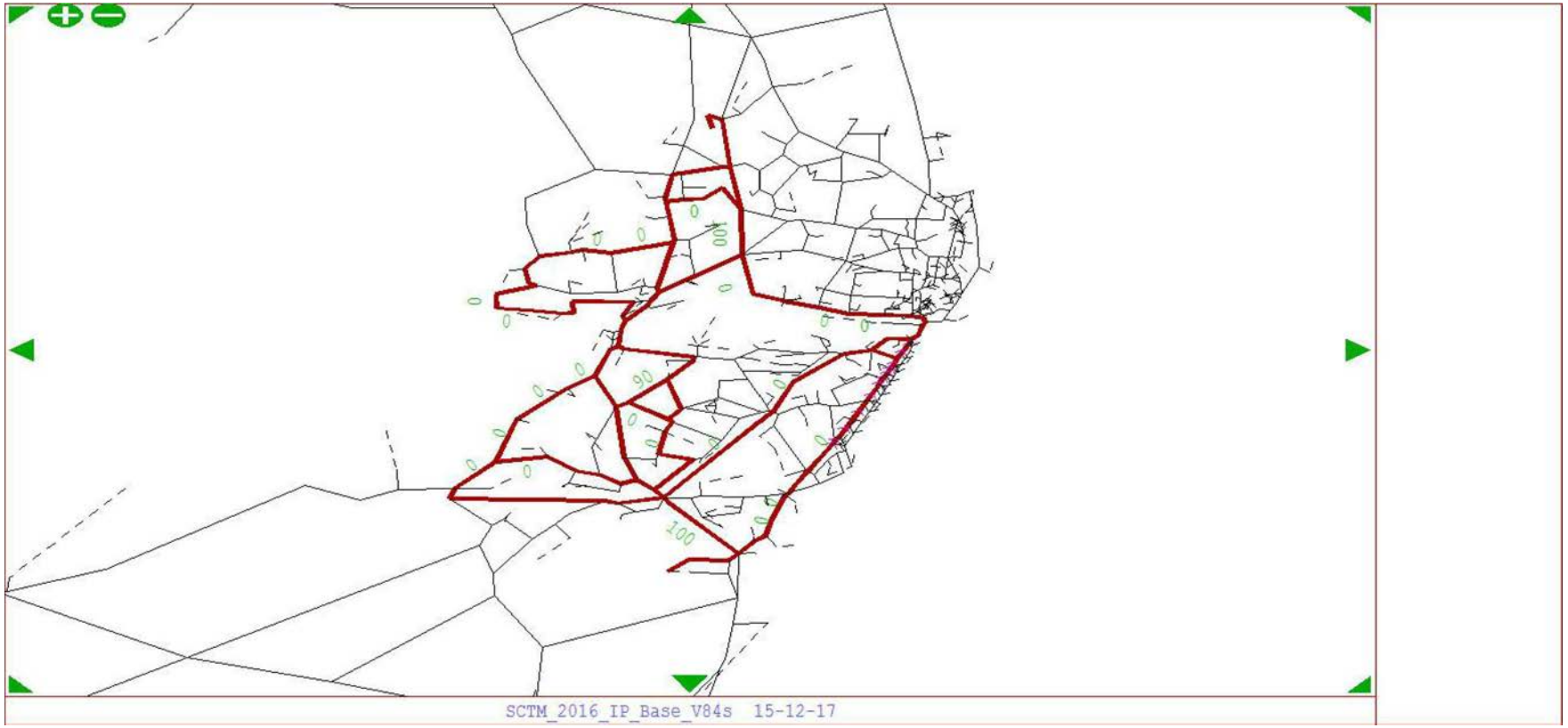
From Zone 586 To Zone 781 - User Class 10



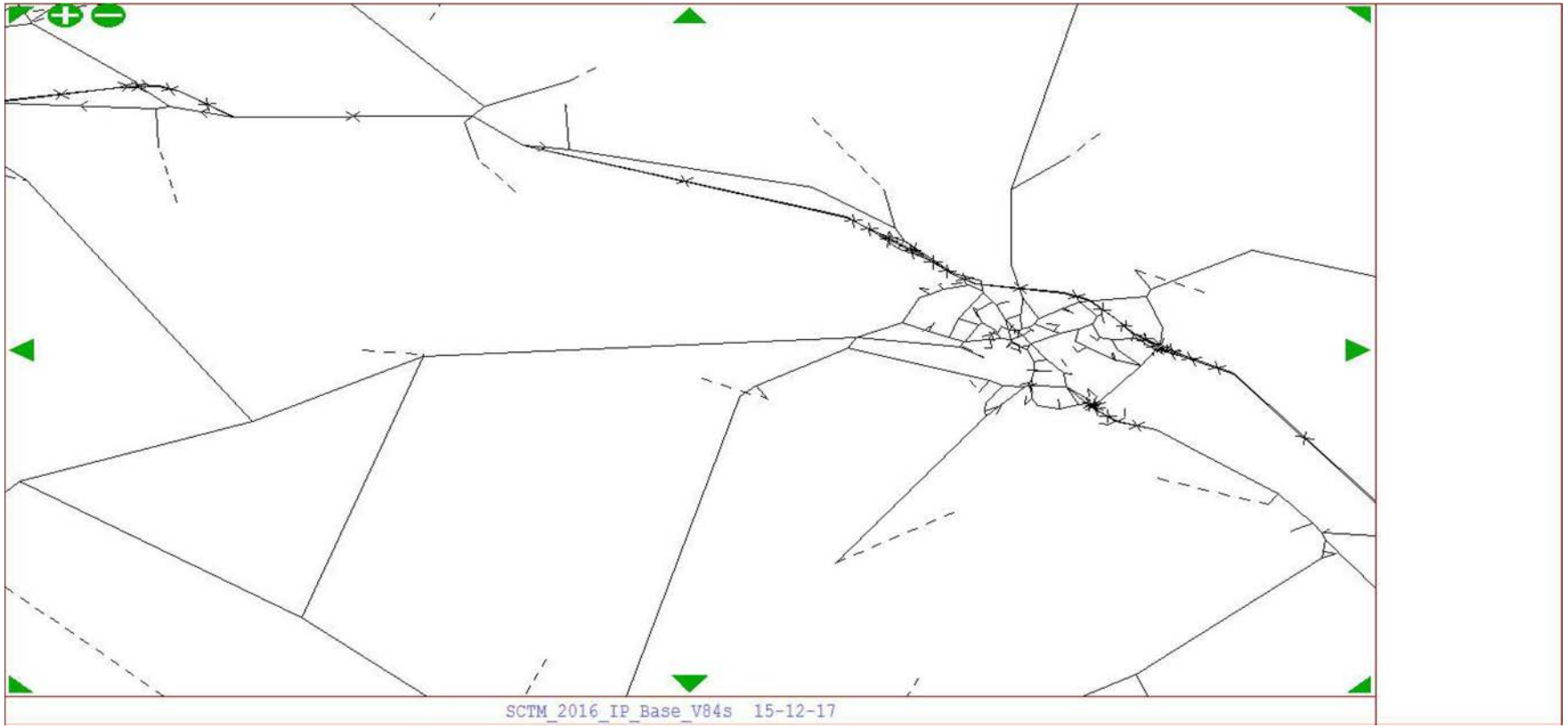
From Zone 781 To Zone 586 - User Class 6



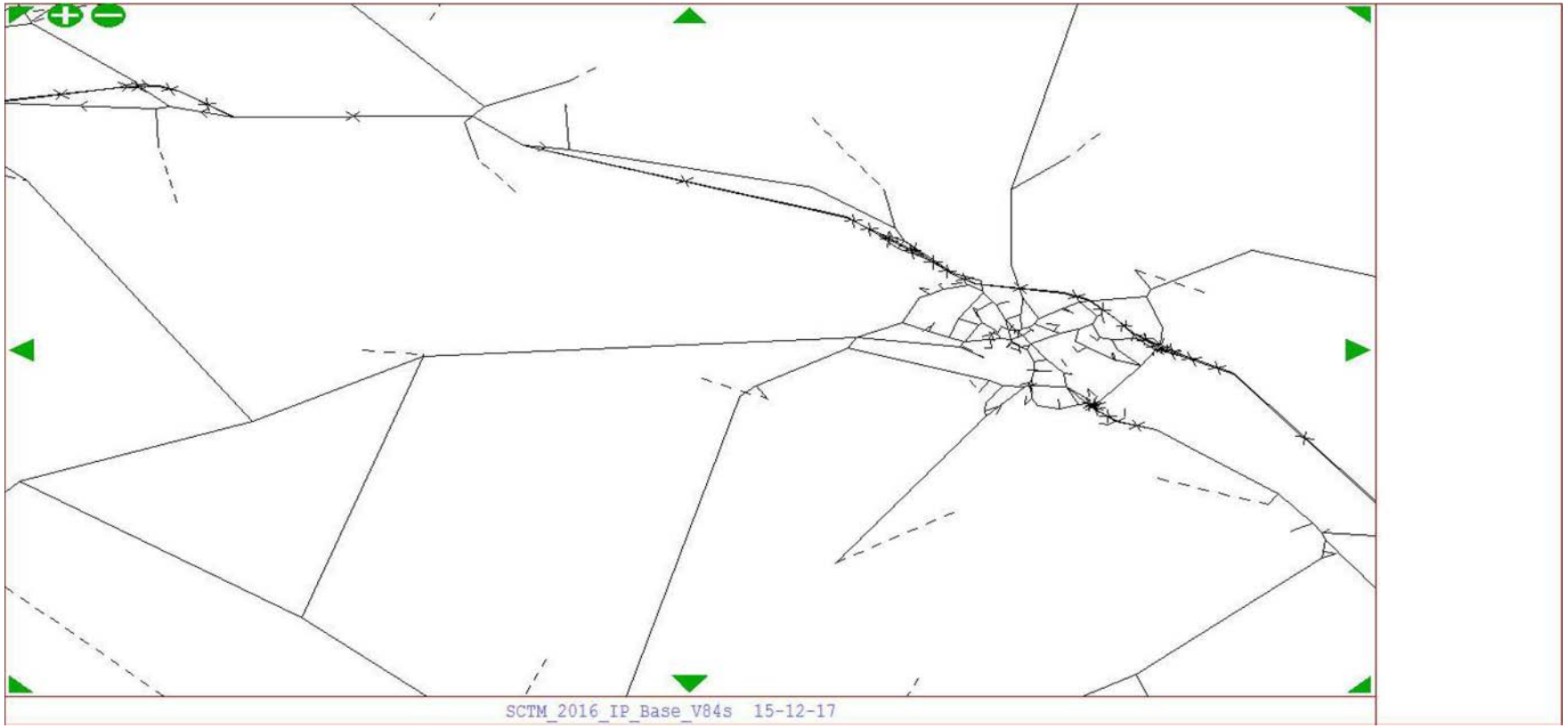
From Zone 781 To Zone 586 - User Class 10



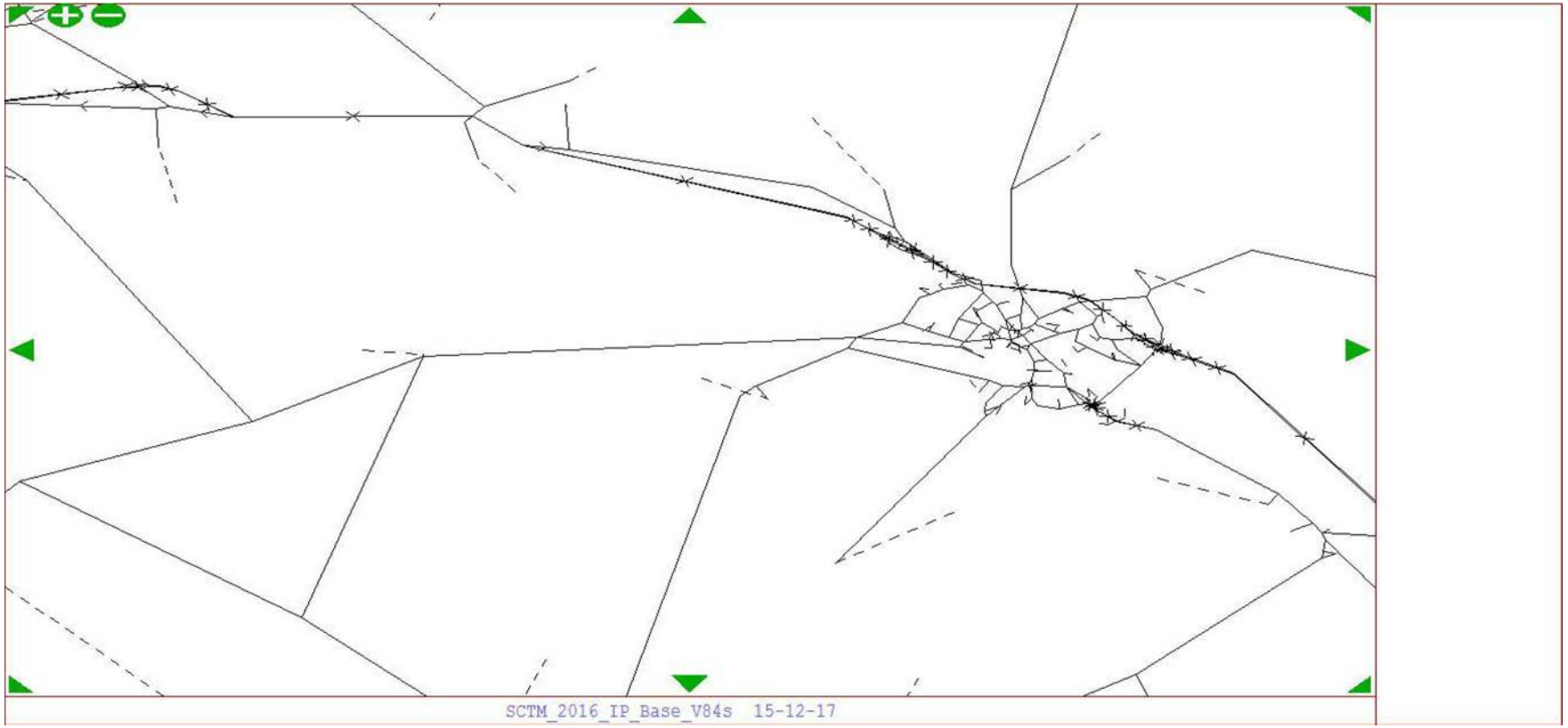
From Zone 673 To Zone 482 - User Class 6



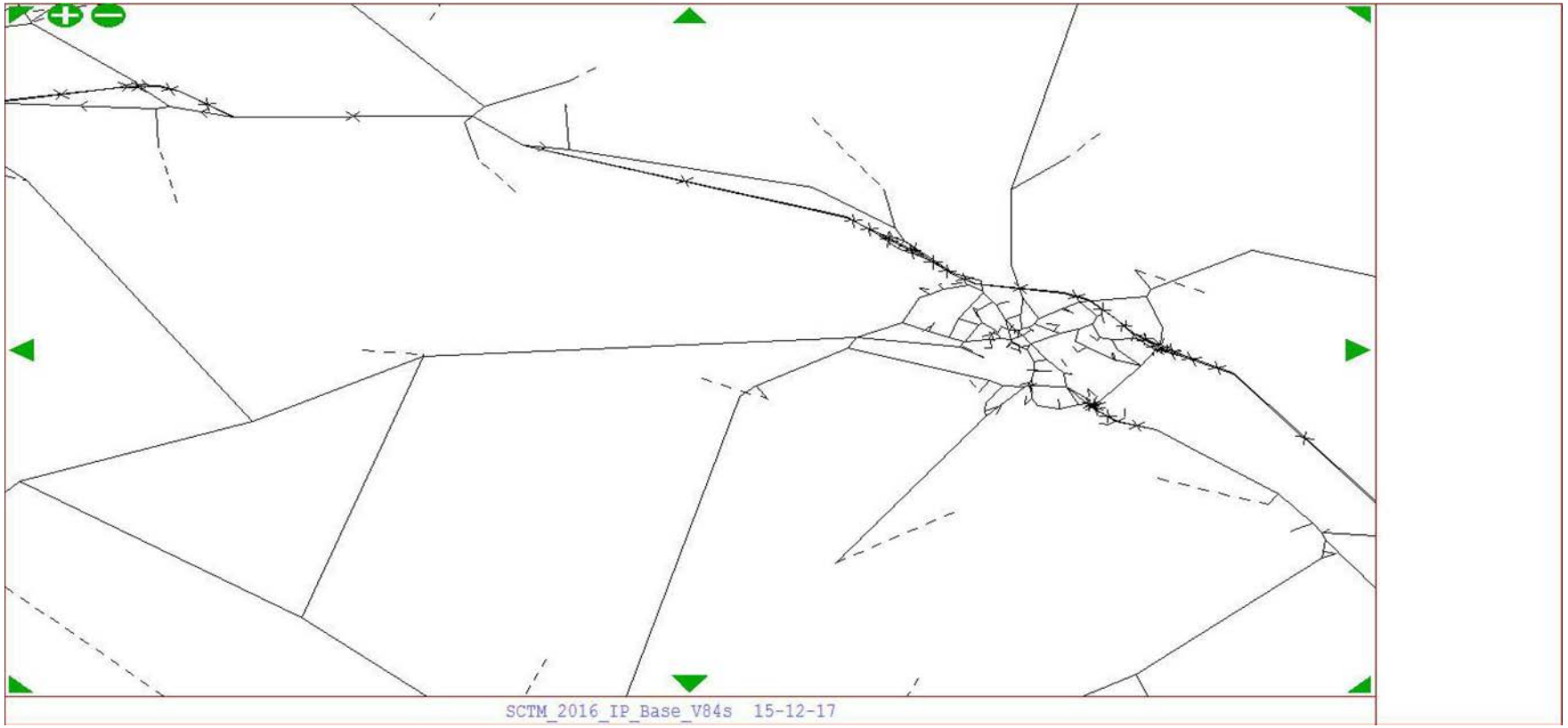
From Zone 673 To Zone 482 - User Class 10



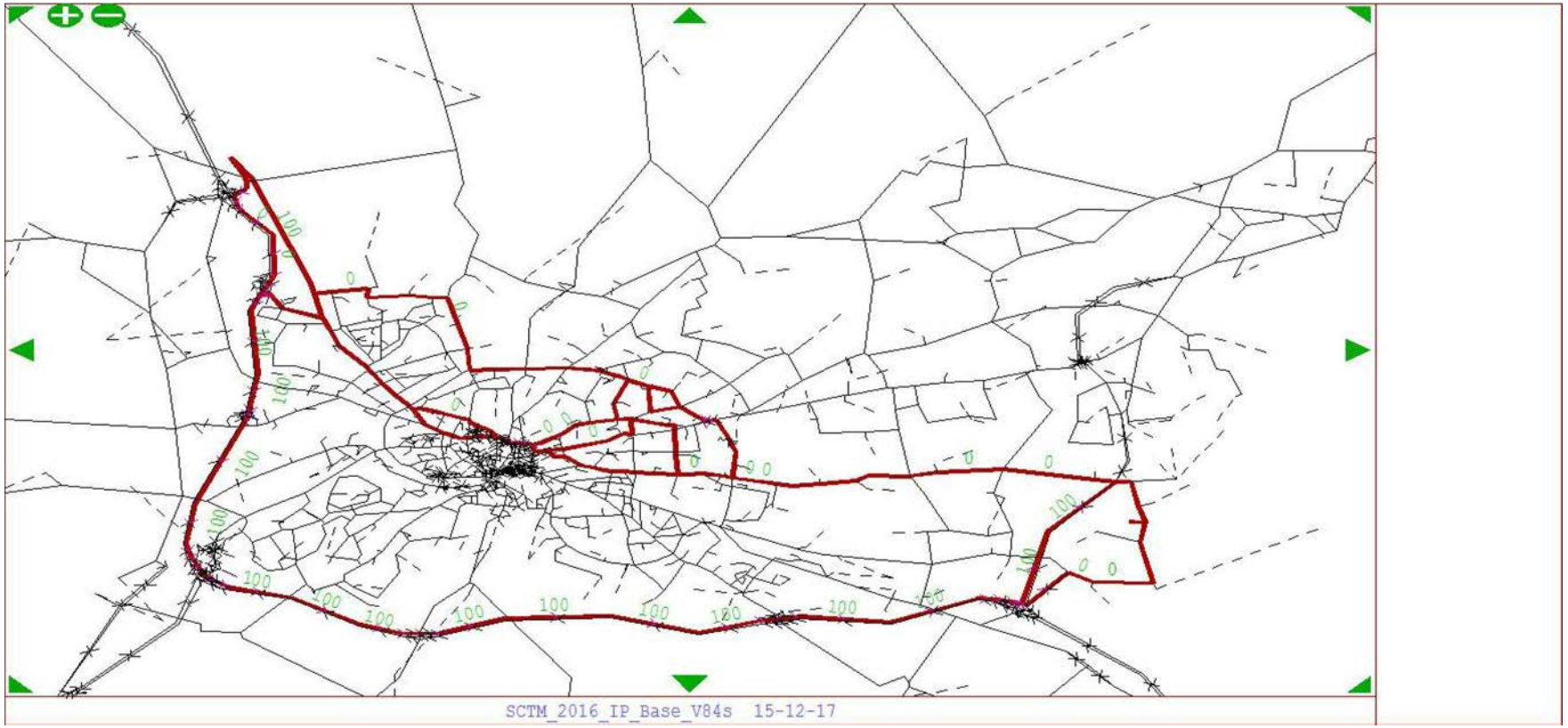
From Zone 482 To Zone 673 - User Class 6



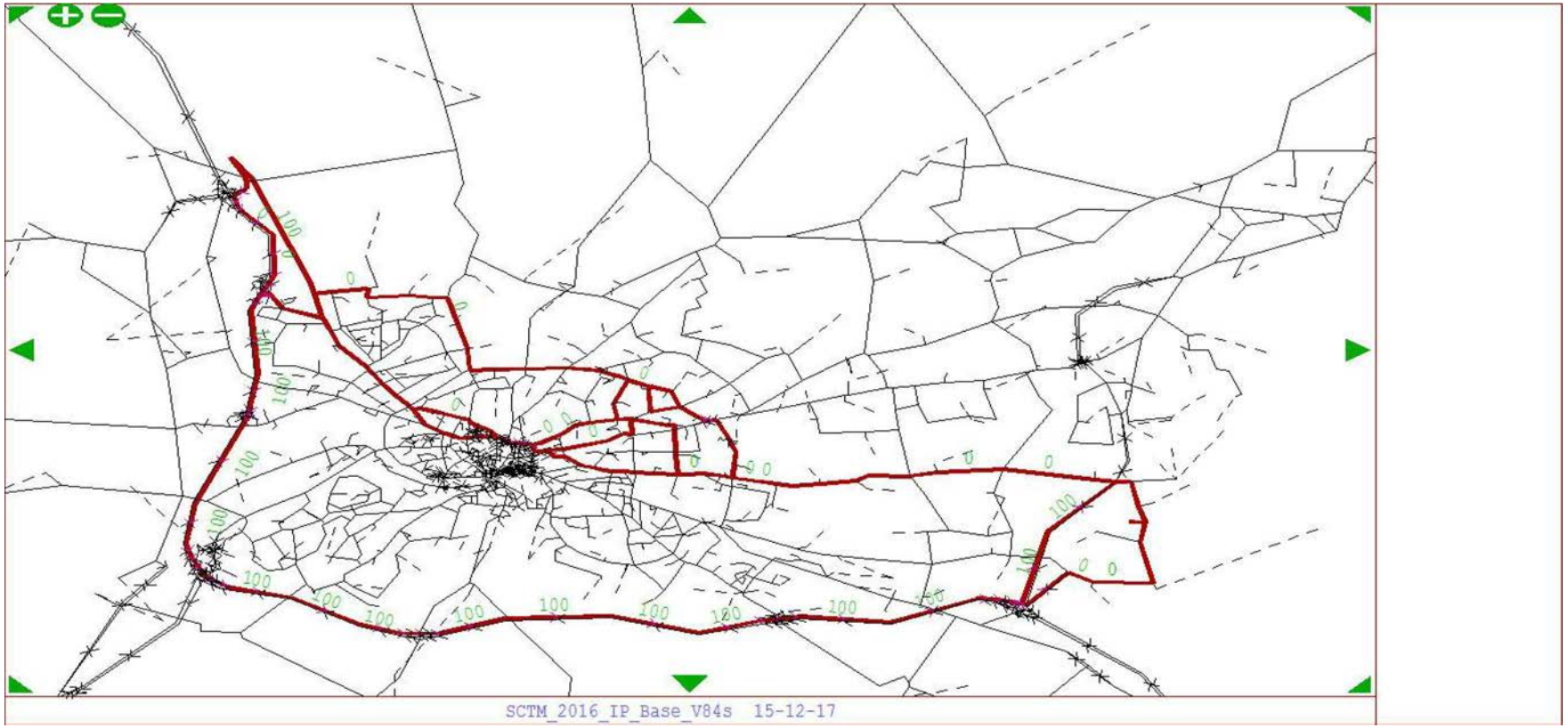
From Zone 482 To Zone 673 - User Class 10



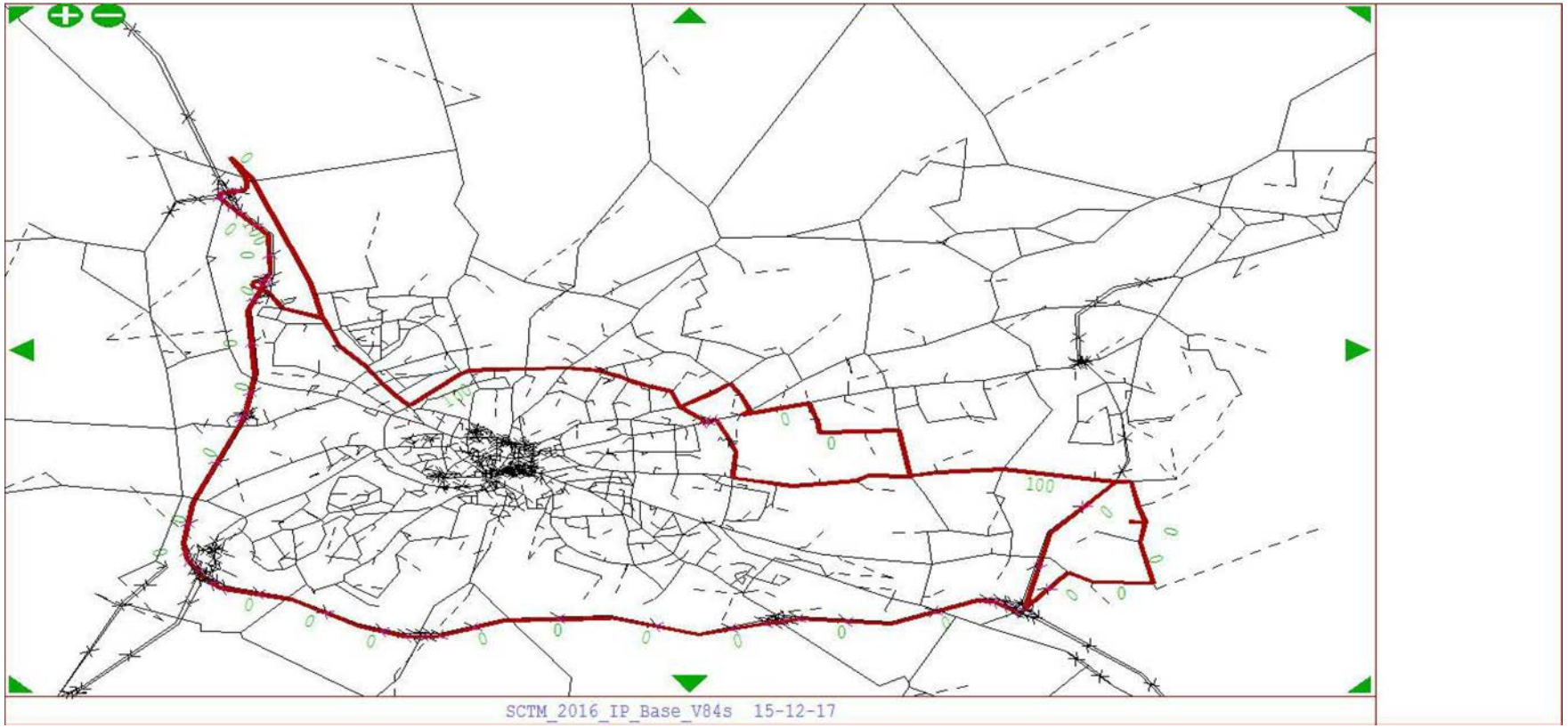
From Zone 253 To Zone 676 - User Class 6



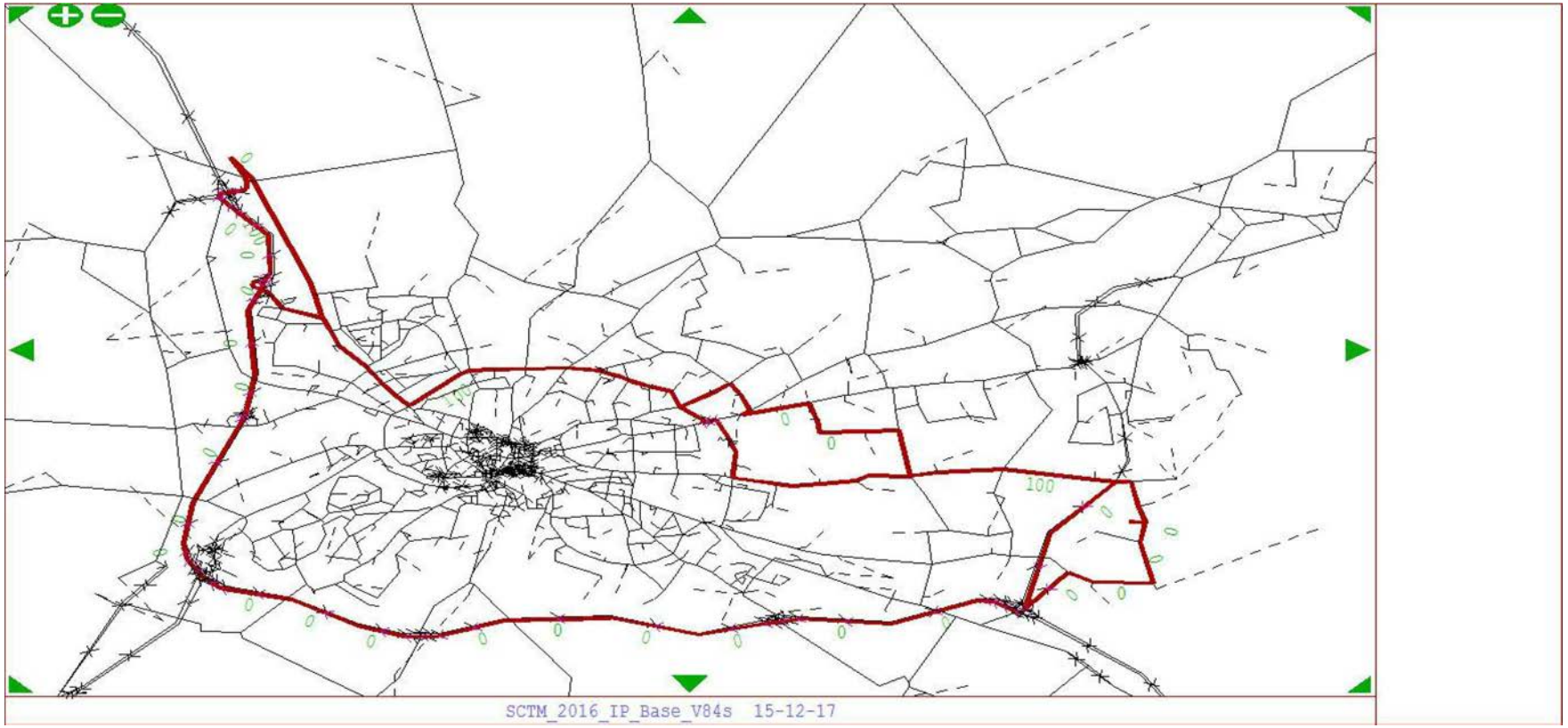
From Zone 253 To Zone 676 - User Class 10



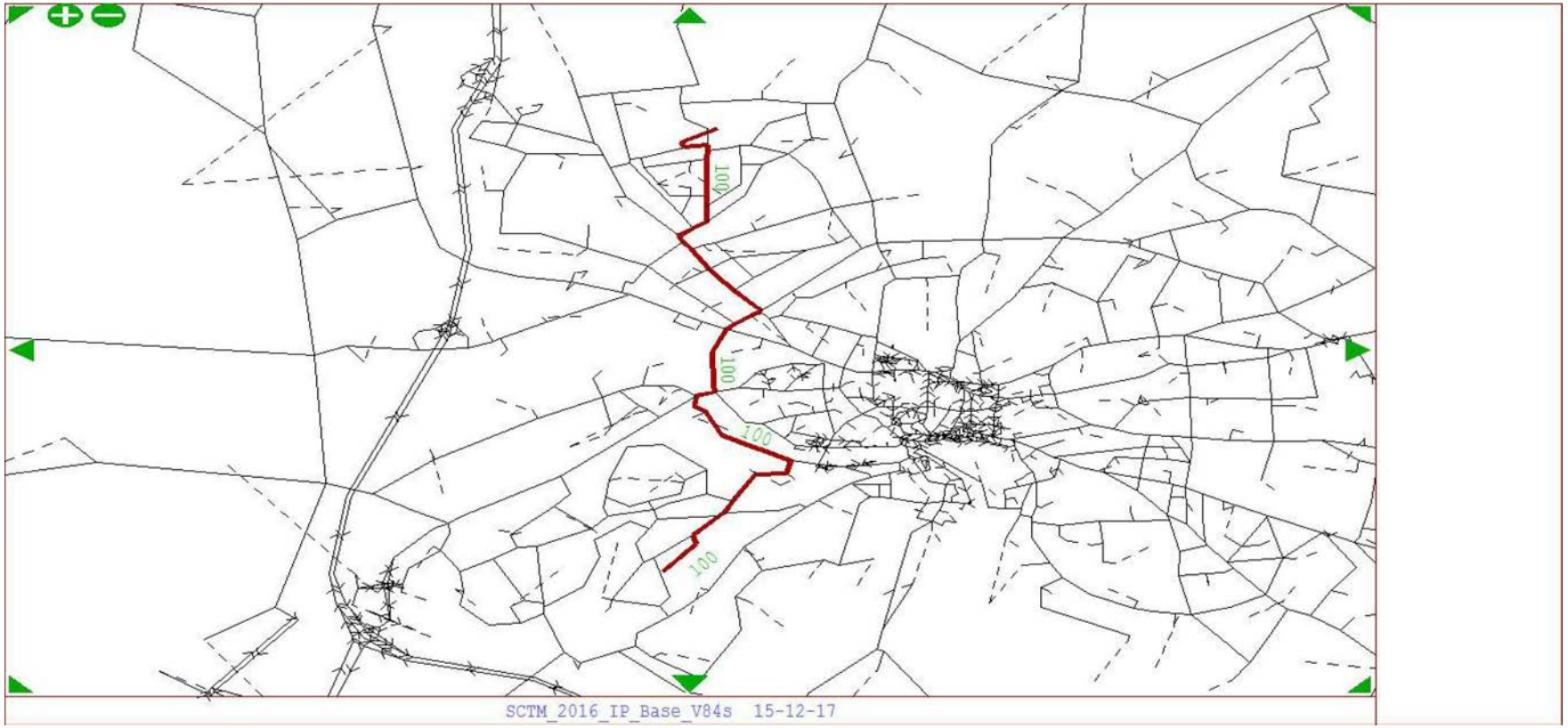
From Zone 676 To Zone 253 - User Class 6



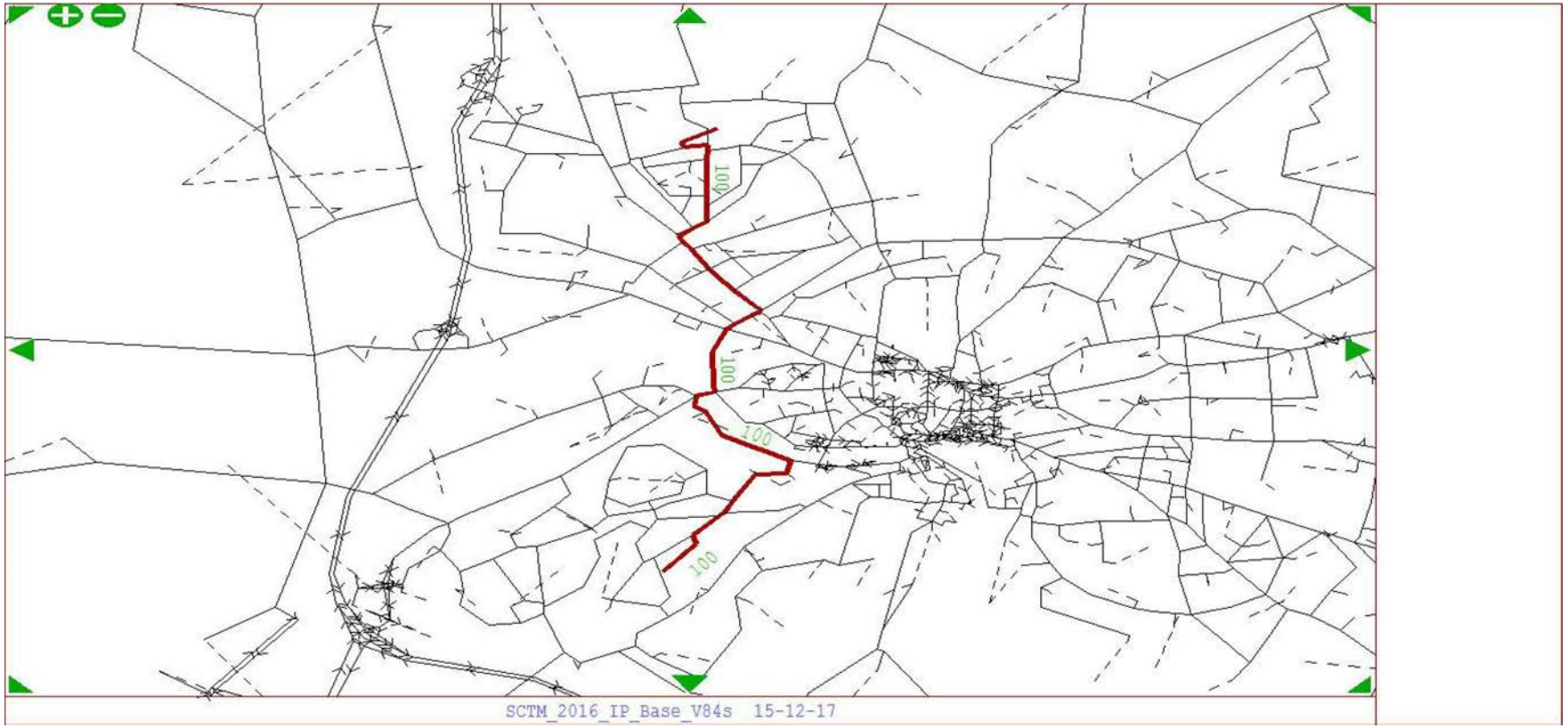
From Zone 676 To Zone 253 - User Class 10



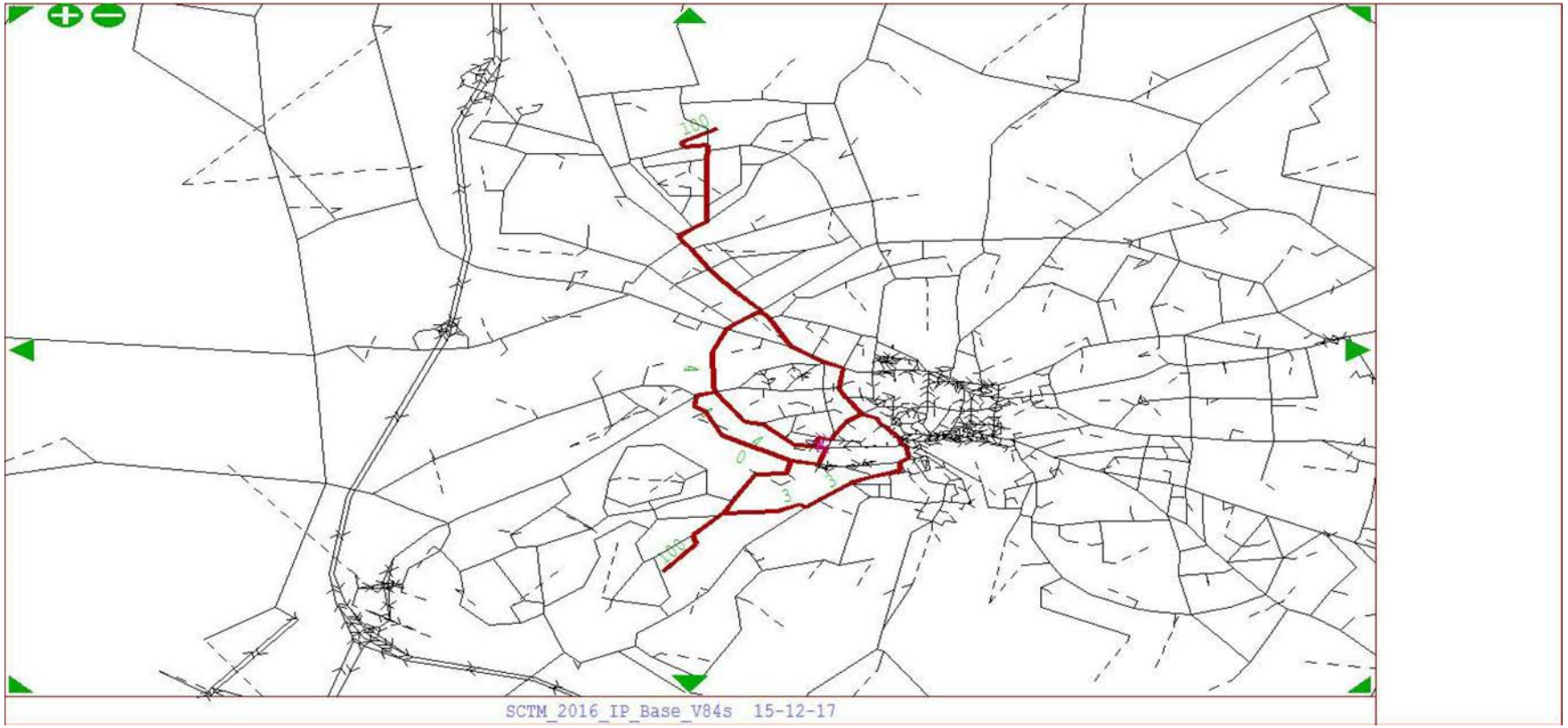
From Zone 114 To Zone 185 - User Class 6



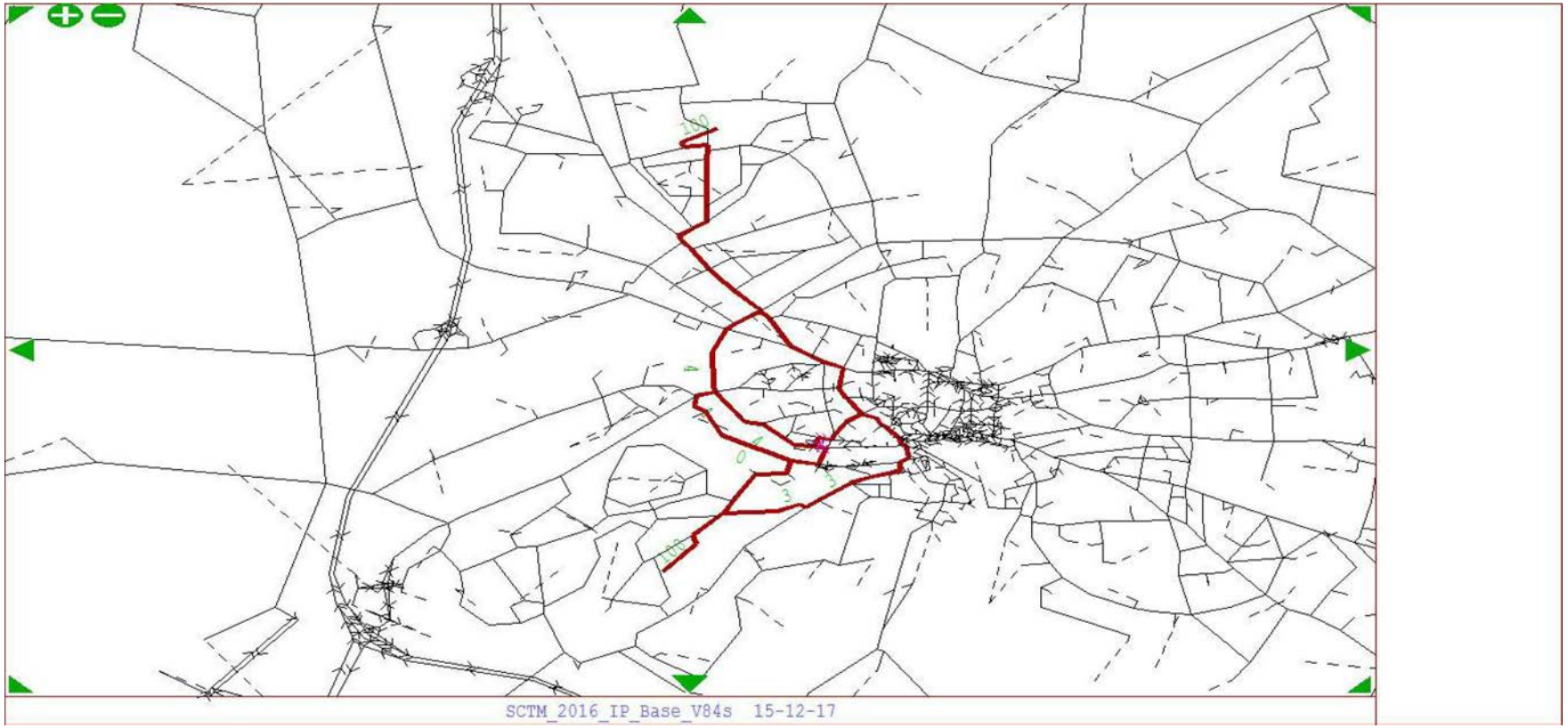
From Zone 114 To Zone 185 - User Class 10



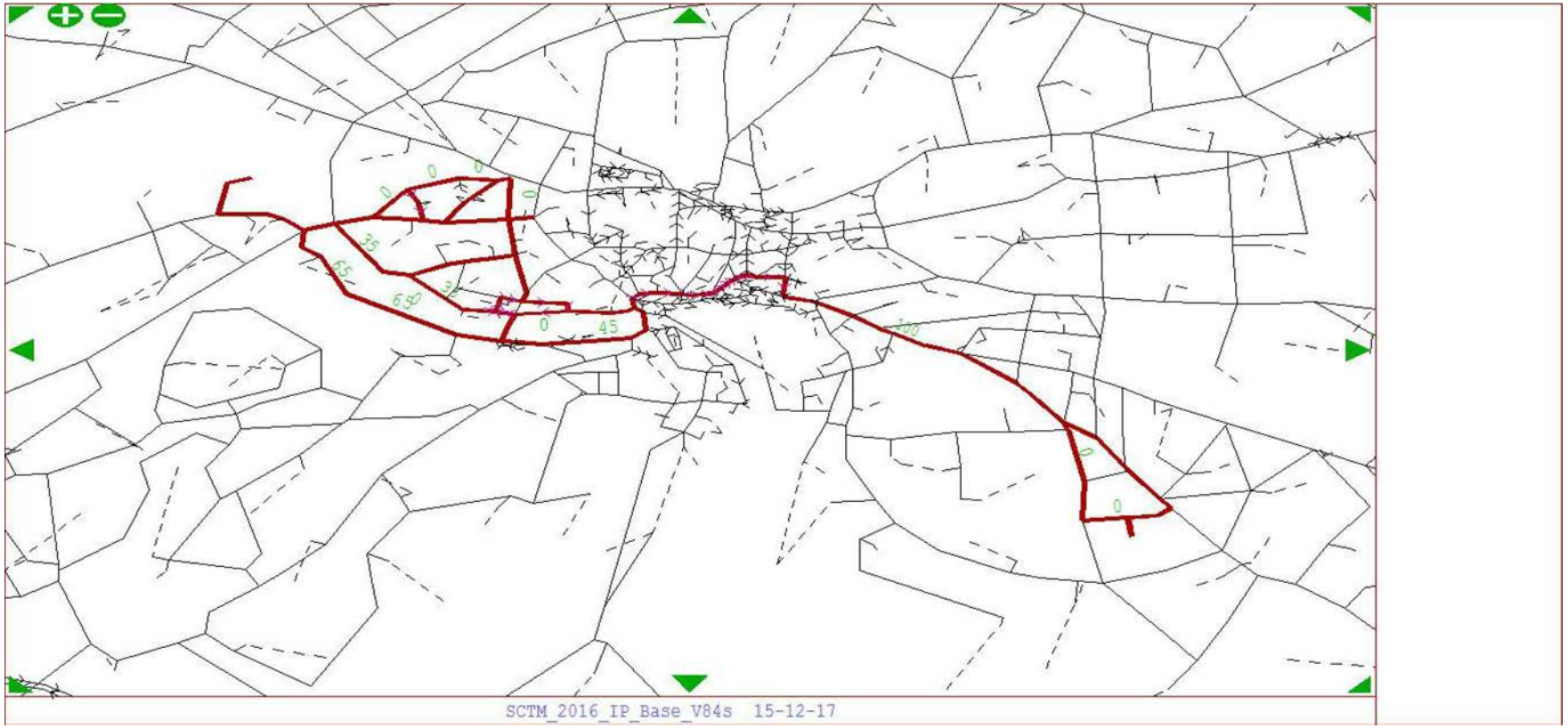
From Zone 185 To Zone 114 - User Class 6



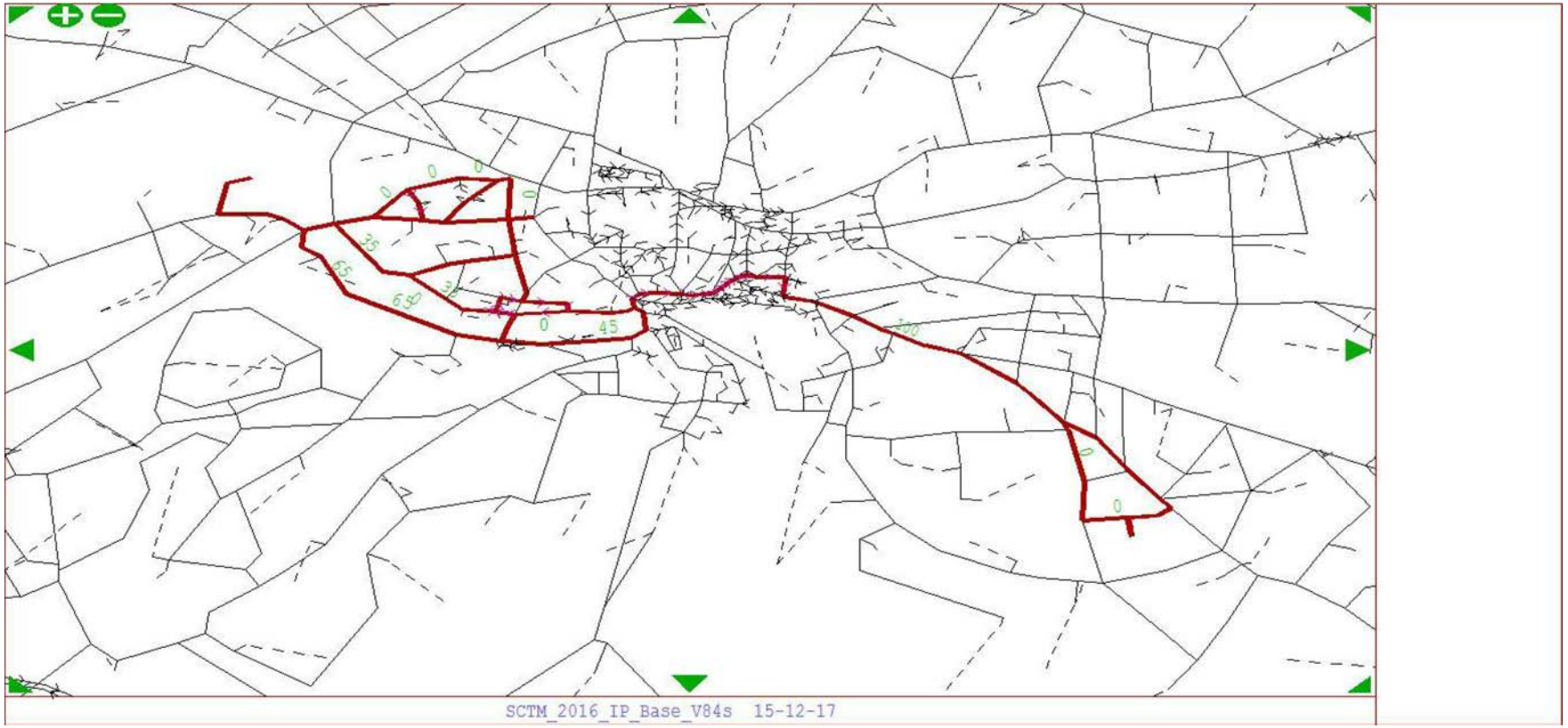
From Zone 185 To Zone 114 - User Class 10



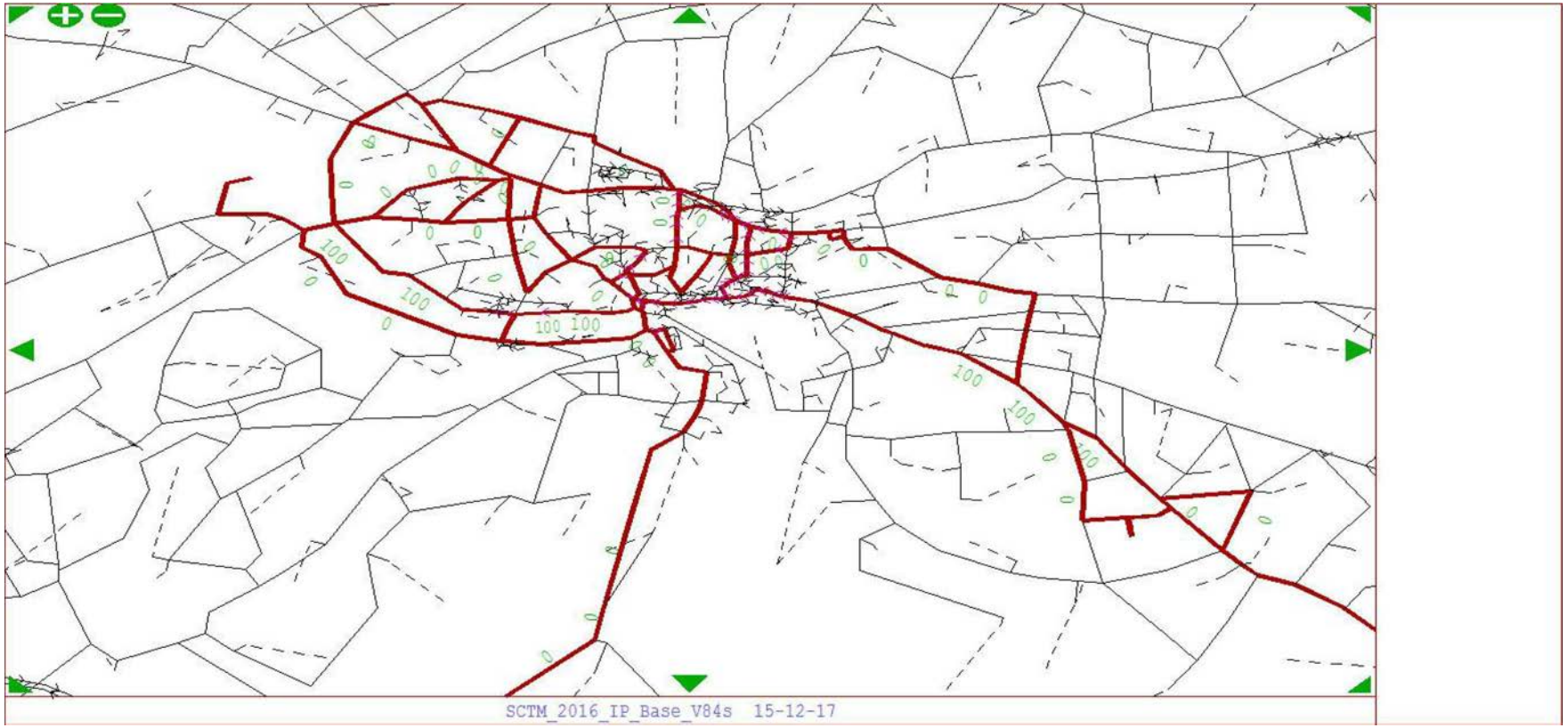
From Zone 735 To Zone 194 - User Class 6



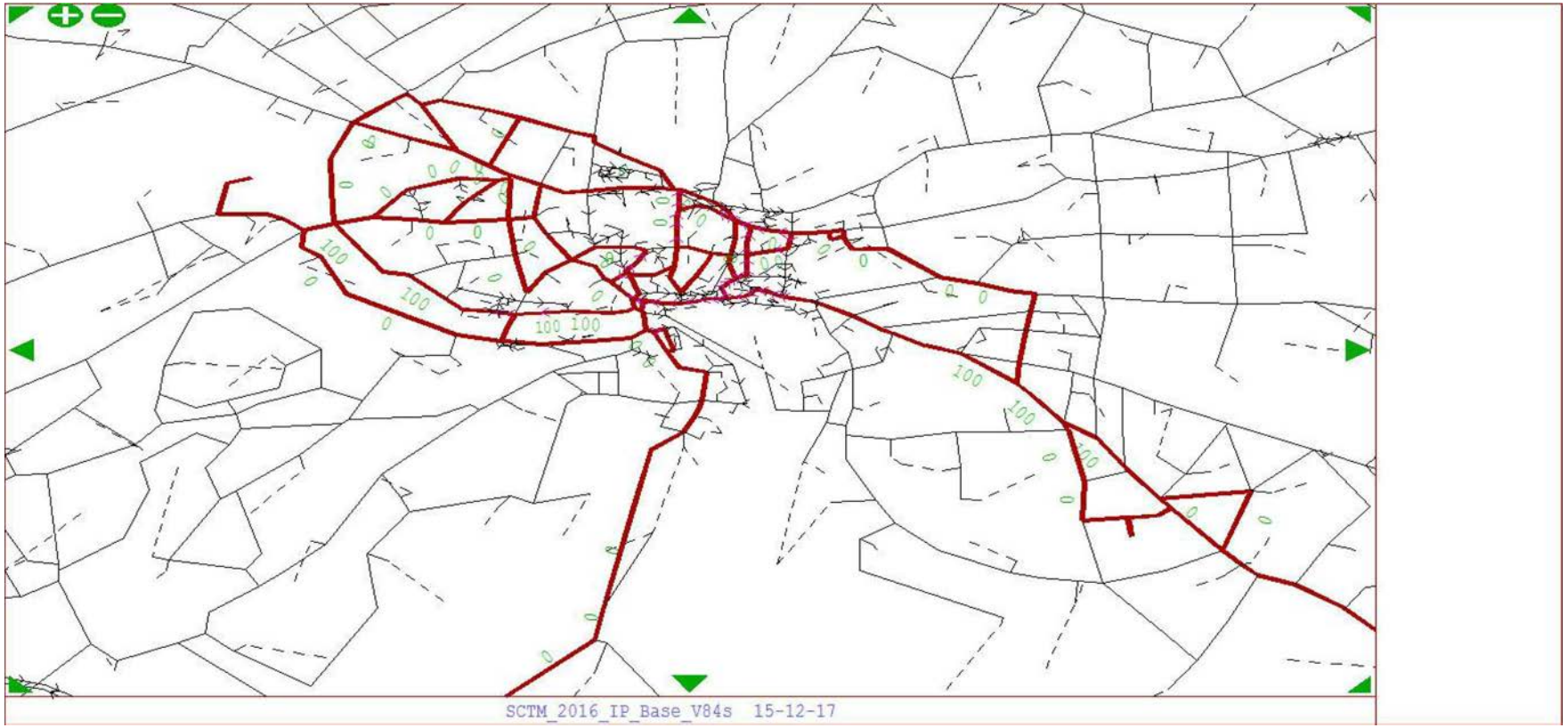
From Zone 735 To Zone 194 - User Class 10



From Zone 194 To Zone 735 - User Class 6



From Zone 194 To Zone 735 - User Class 10

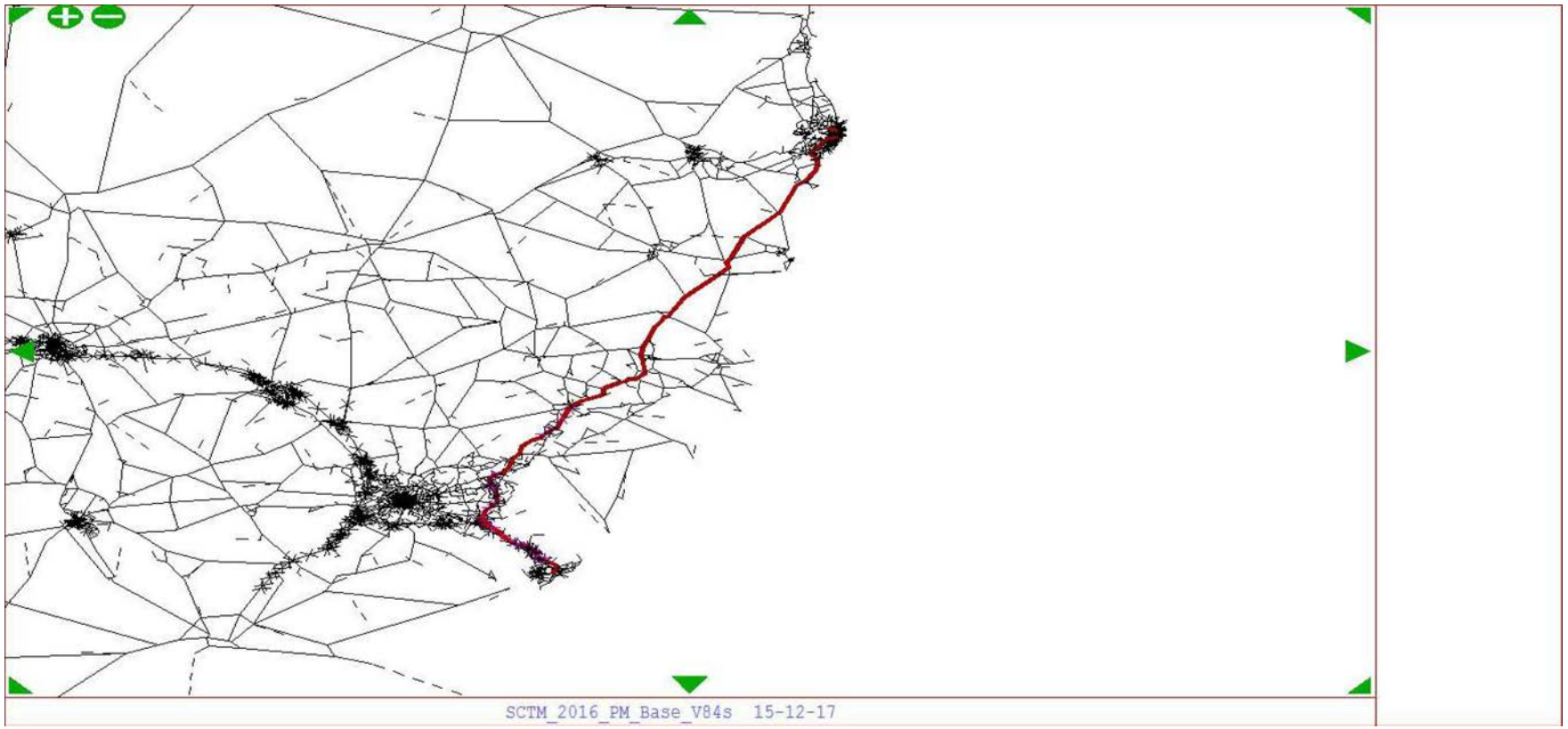


Appendix G.3

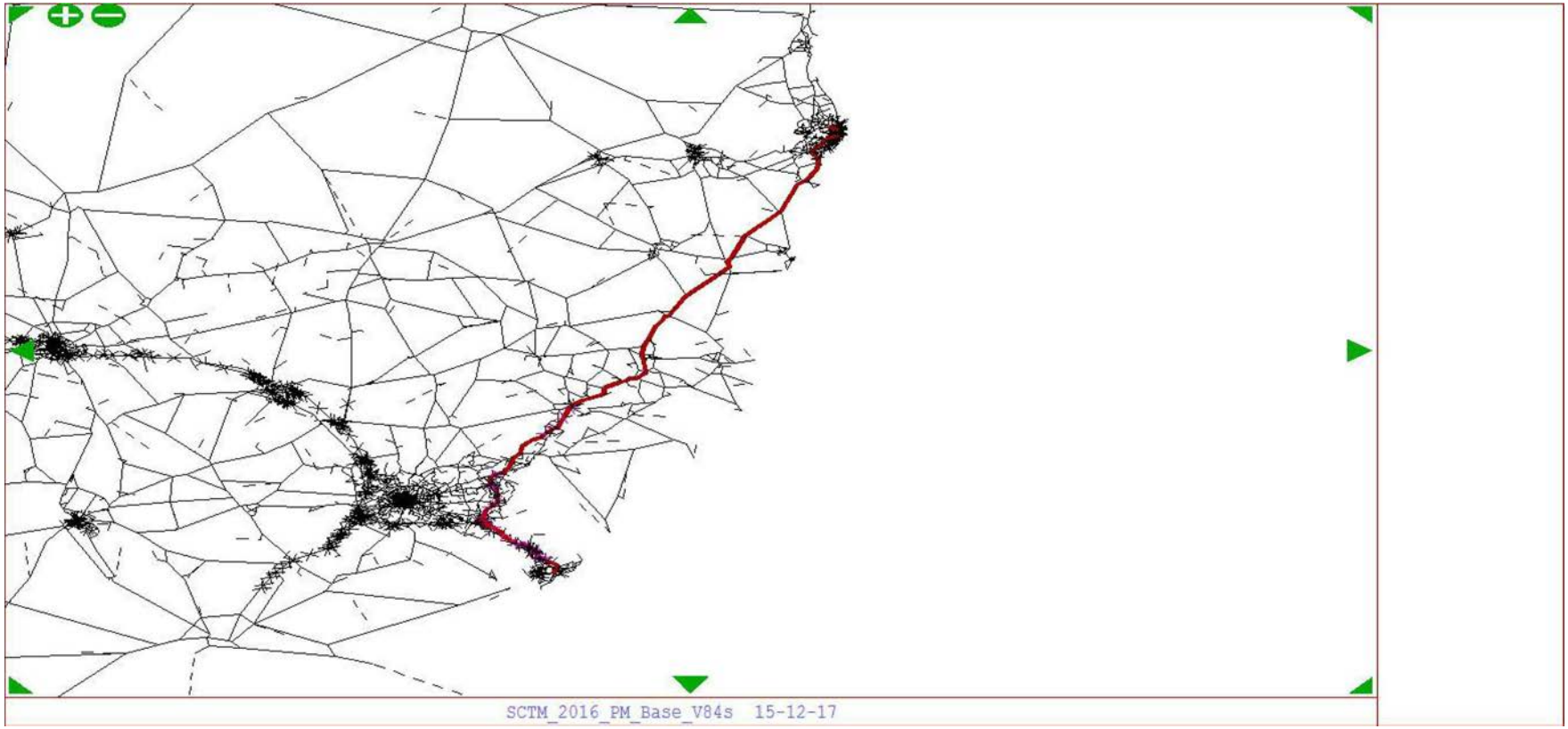
ROUTE CHOICE VALIDATION PM

Project Name: OD Tree Plots -

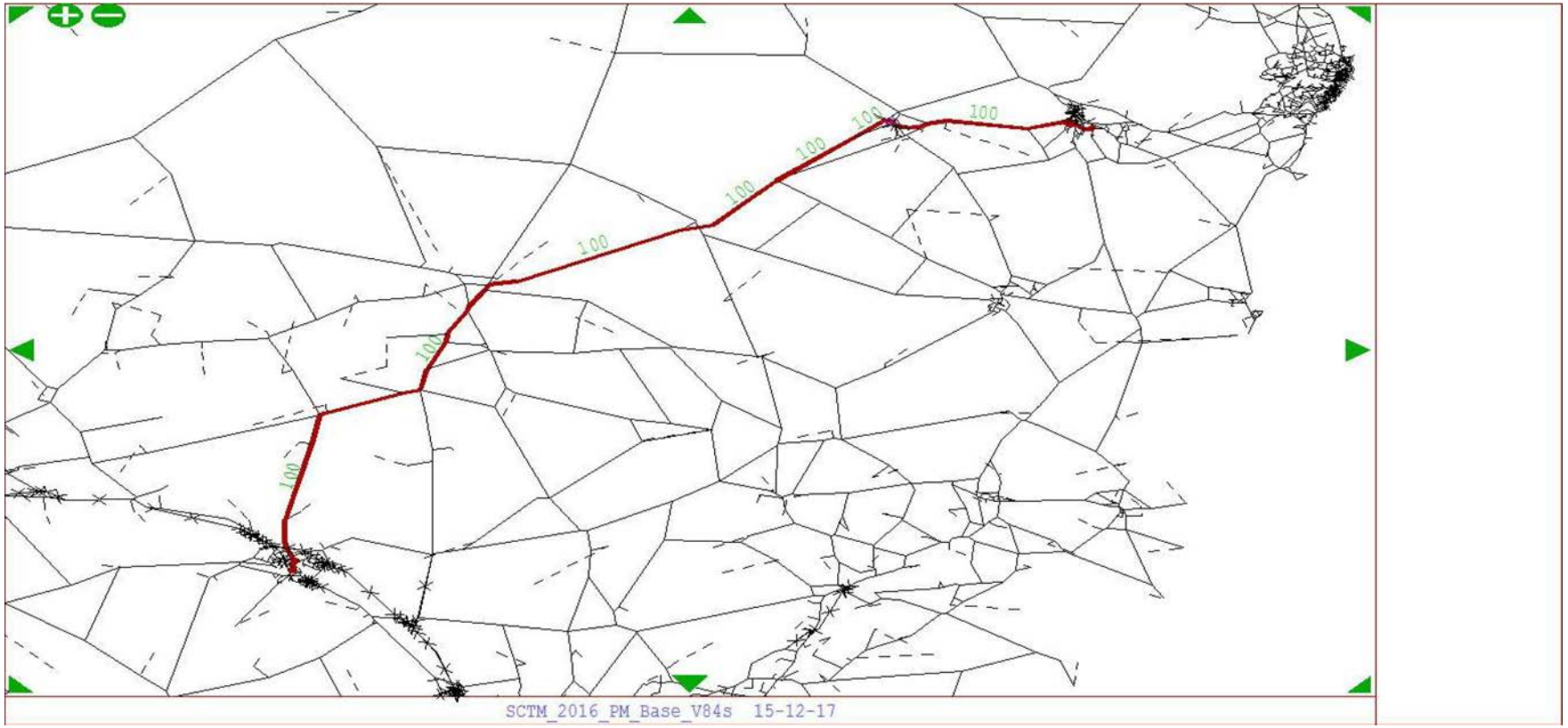
From Zone 391 To Zone 412 - User Class 1



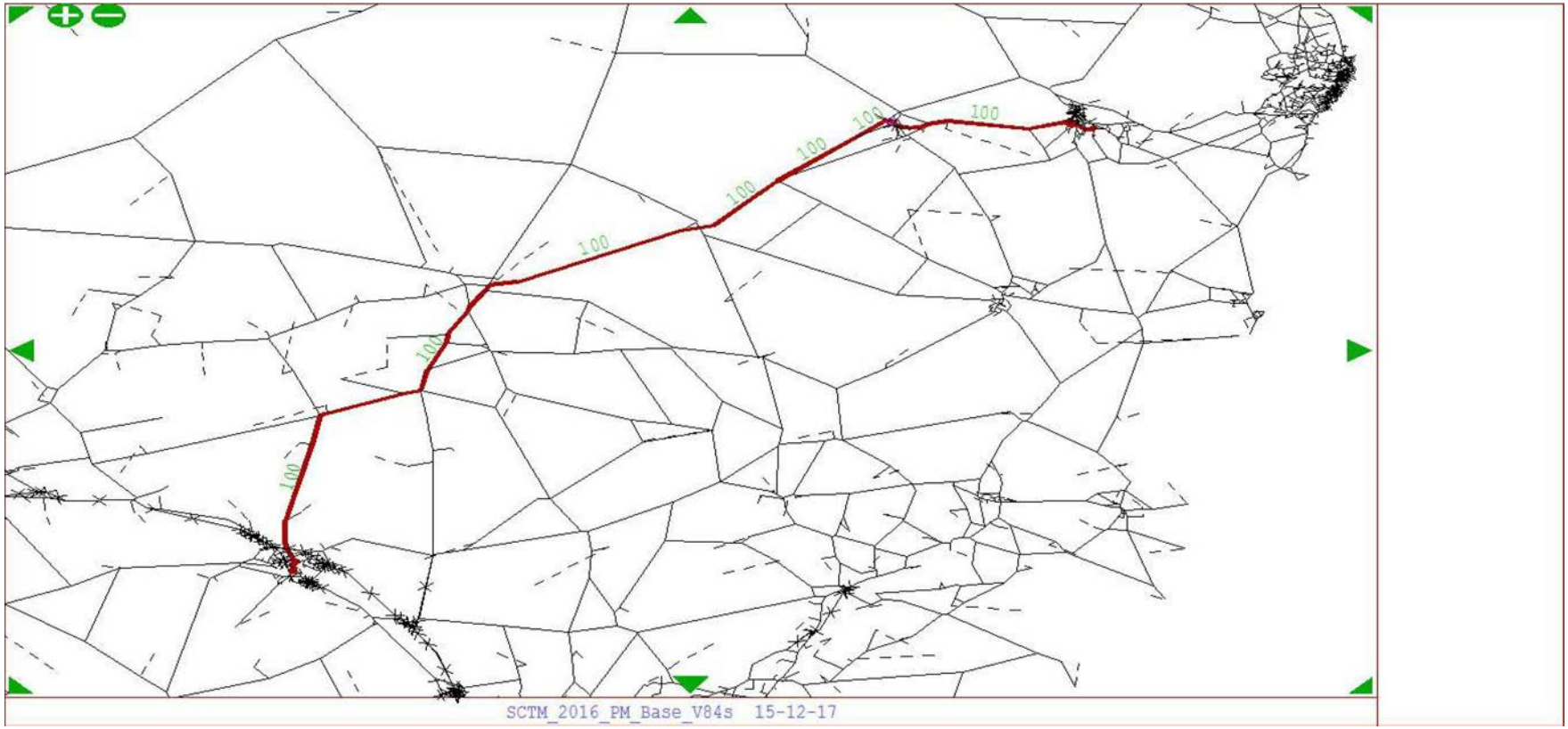
From Zone 391 To Zone 412 - User Class 10



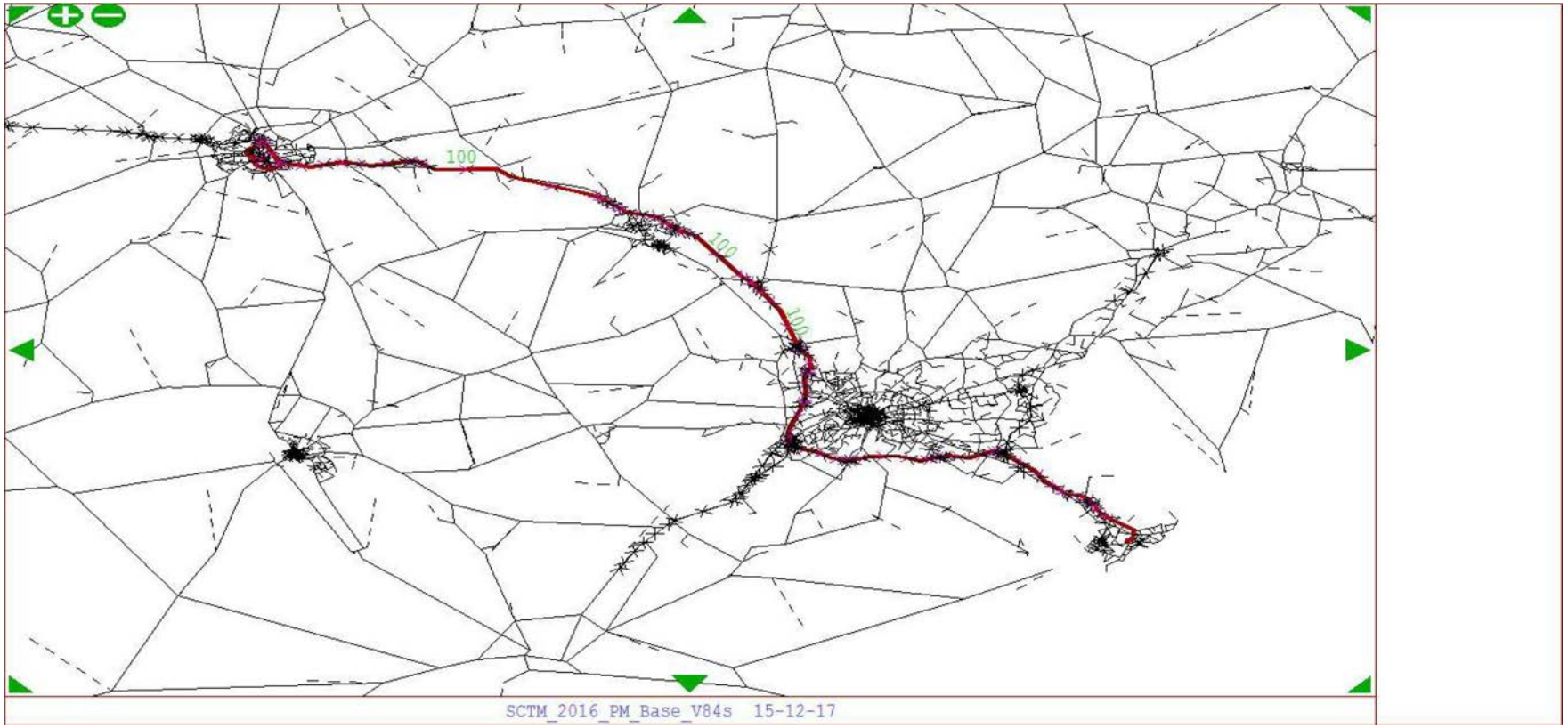
From Zone 238 To Zone 455 - User Class 1



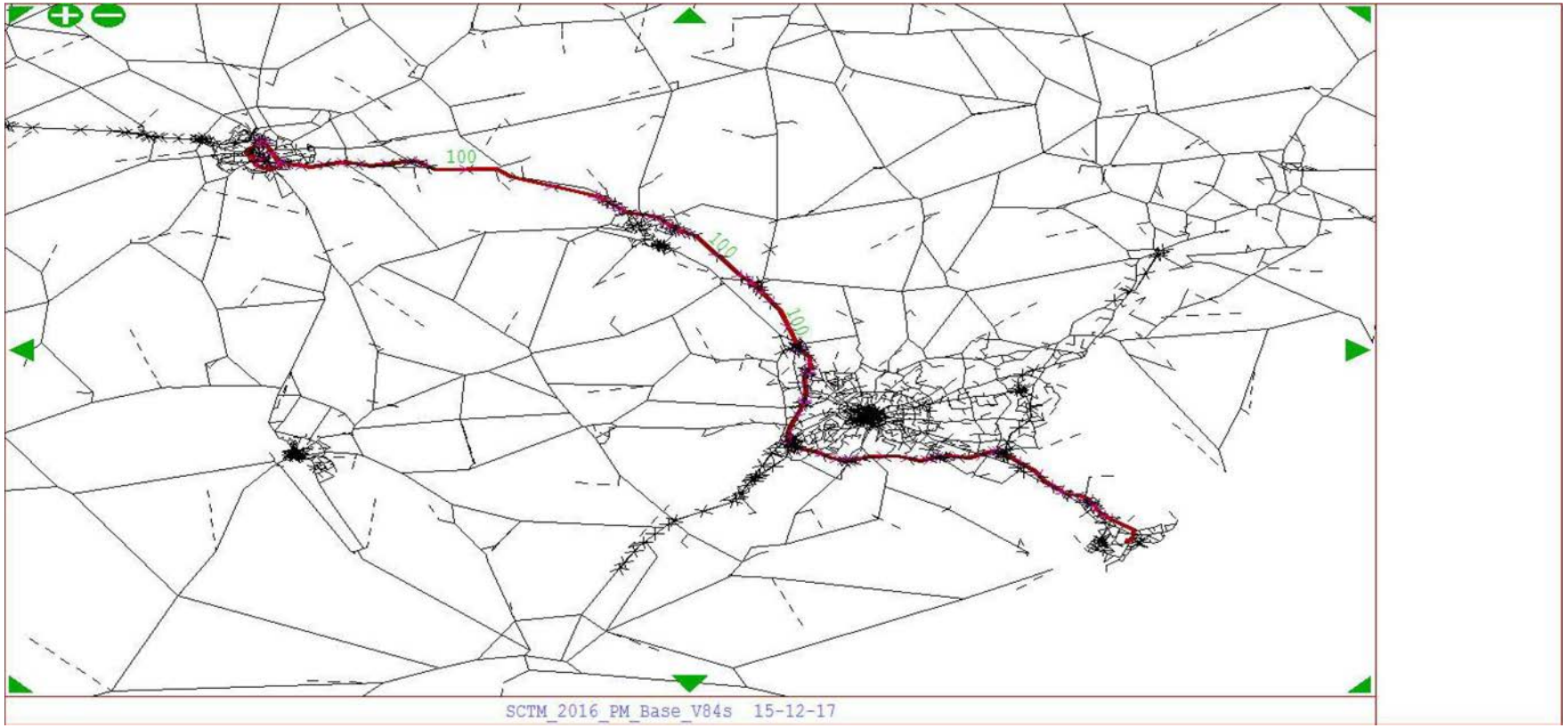
From Zone 238 To Zone 455 - User Class 10



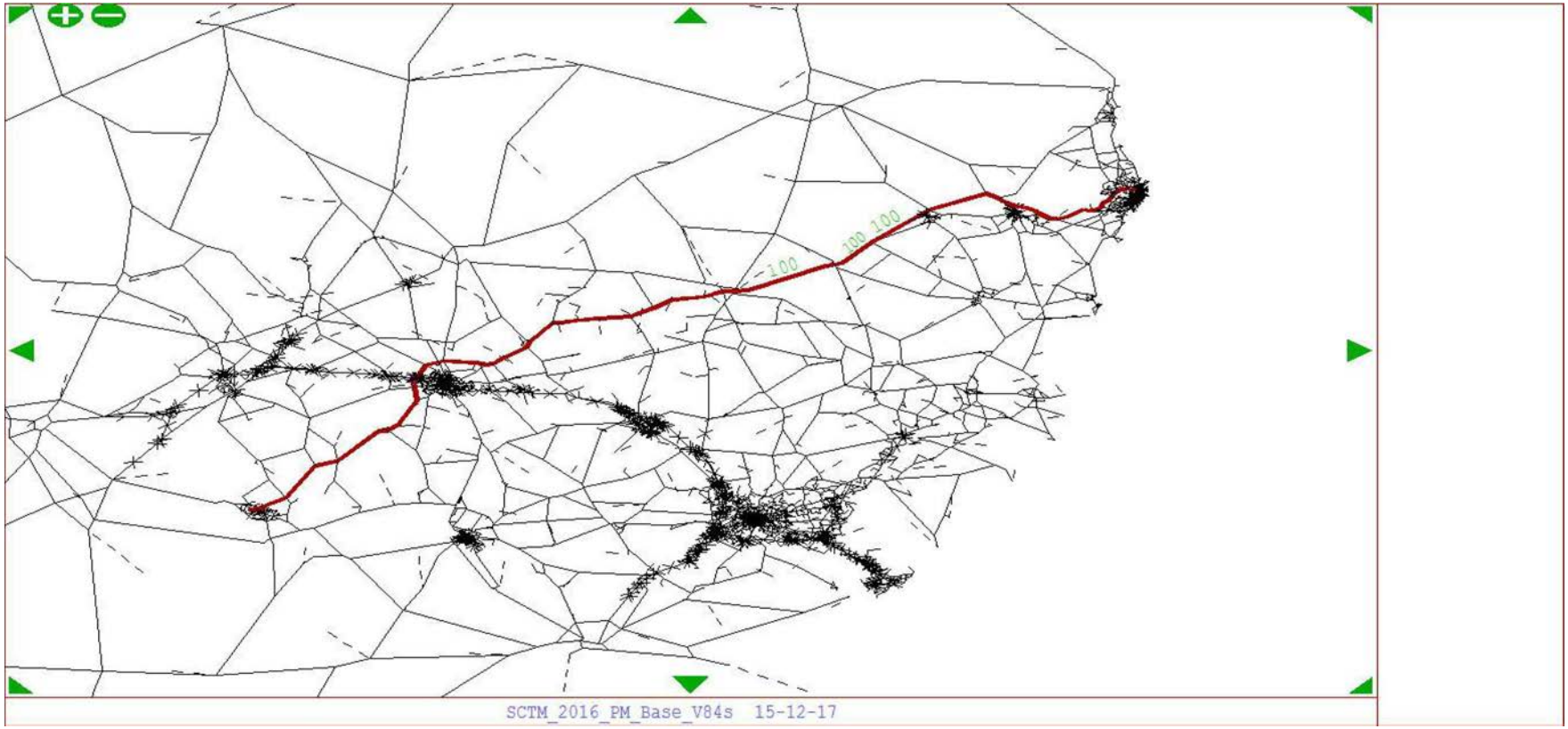
From Zone 287 To Zone 391 - User Class 1



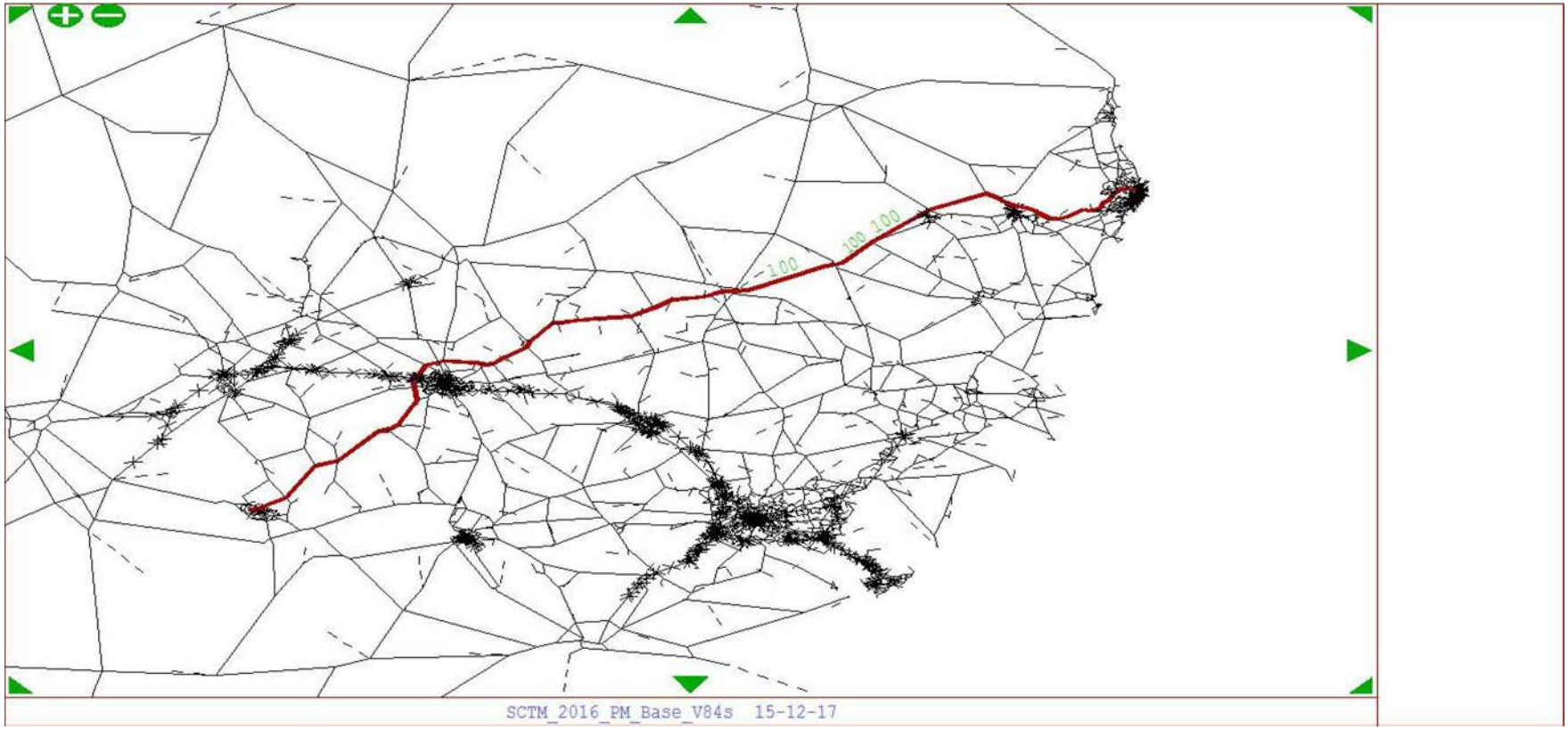
From Zone 287 To Zone 391 - User Class 10



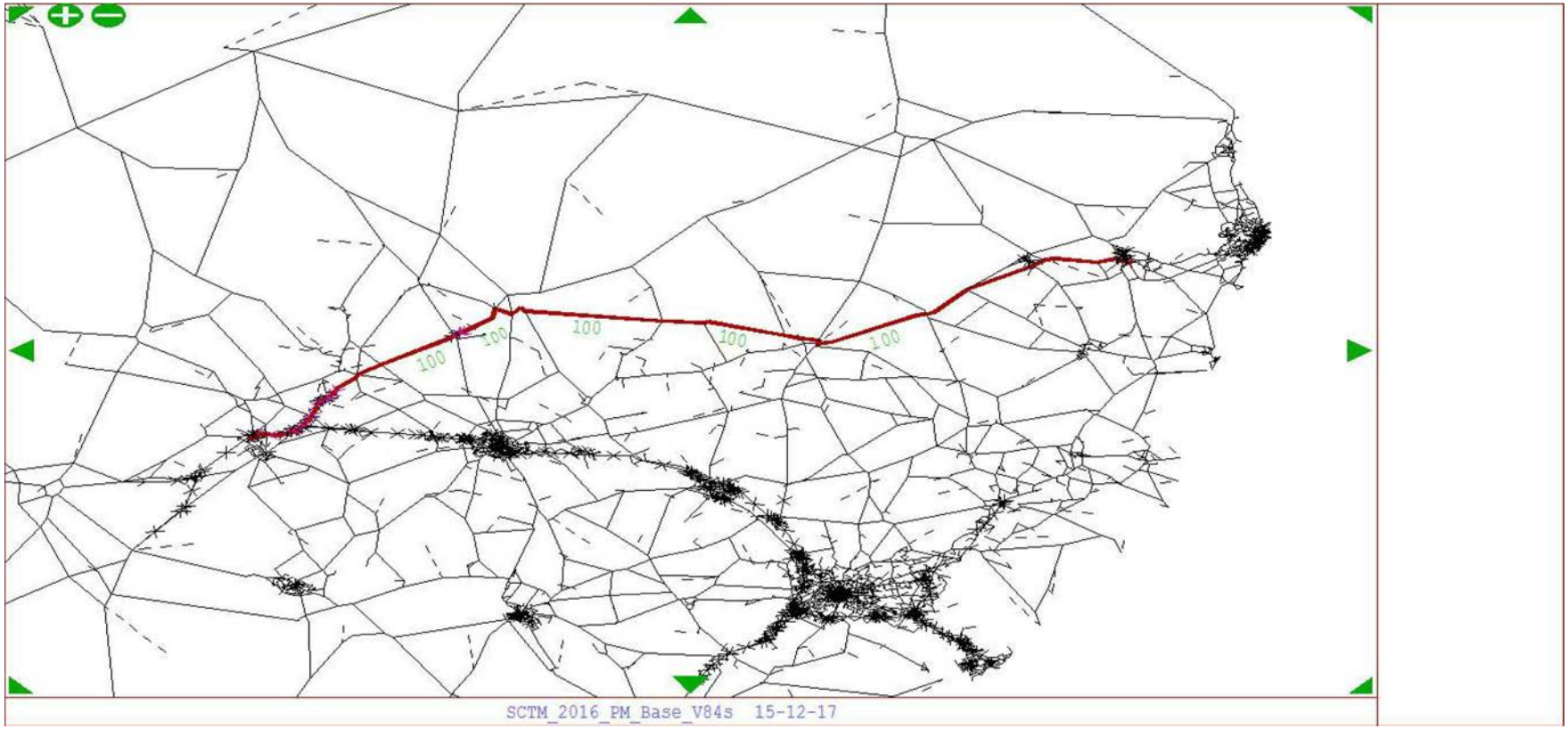
From Zone 316 To Zone 412 - User Class 1



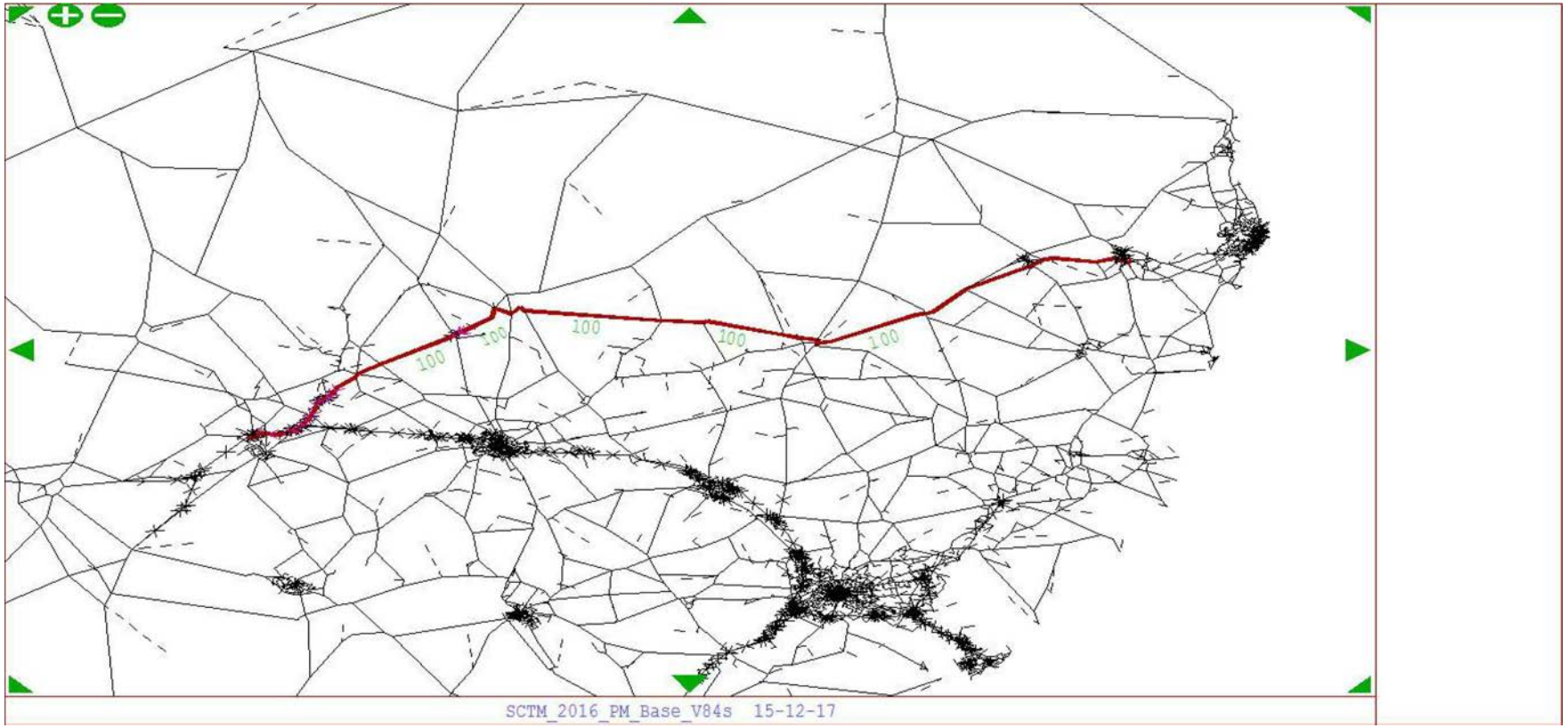
From Zone 316 To Zone 412 - User Class 10



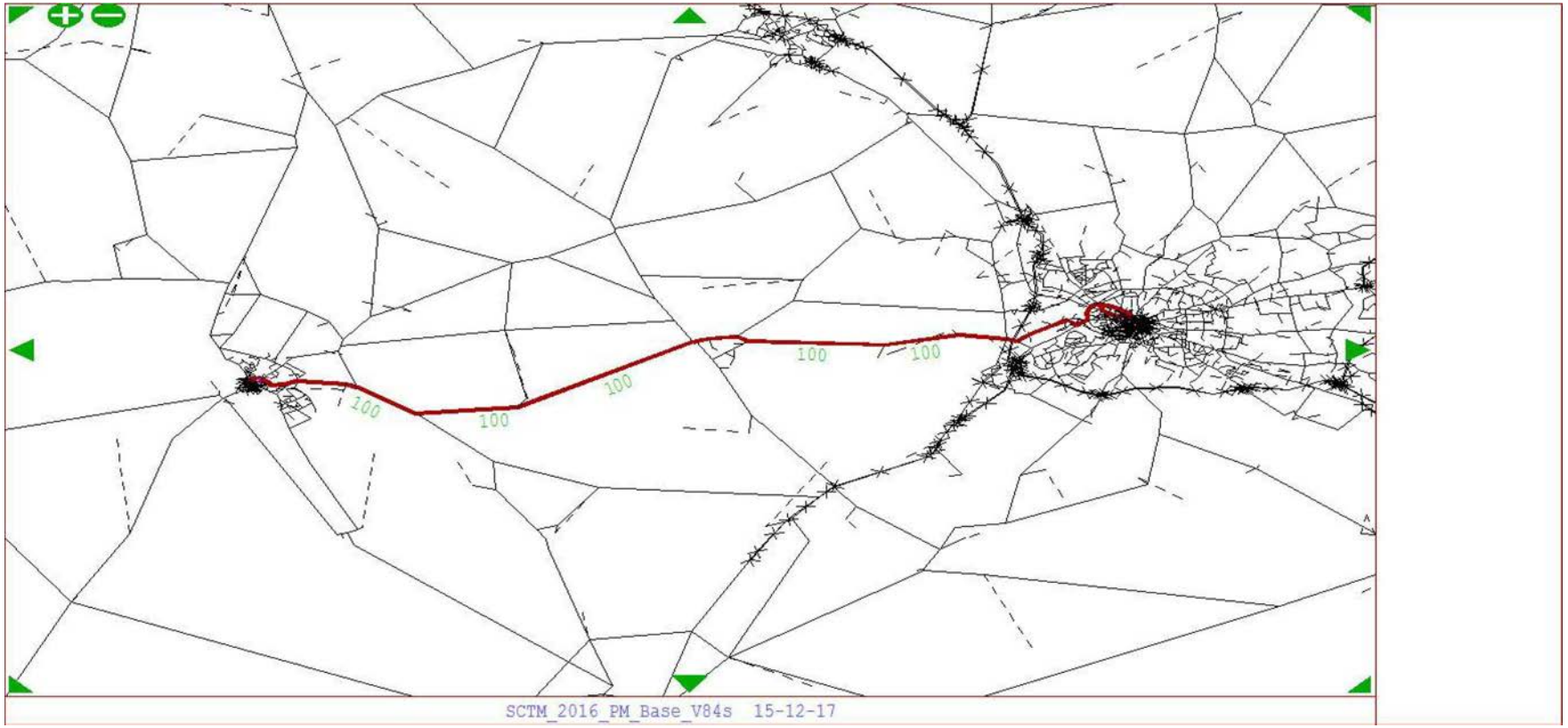
From Zone 455 To Zone 95 - User Class 1



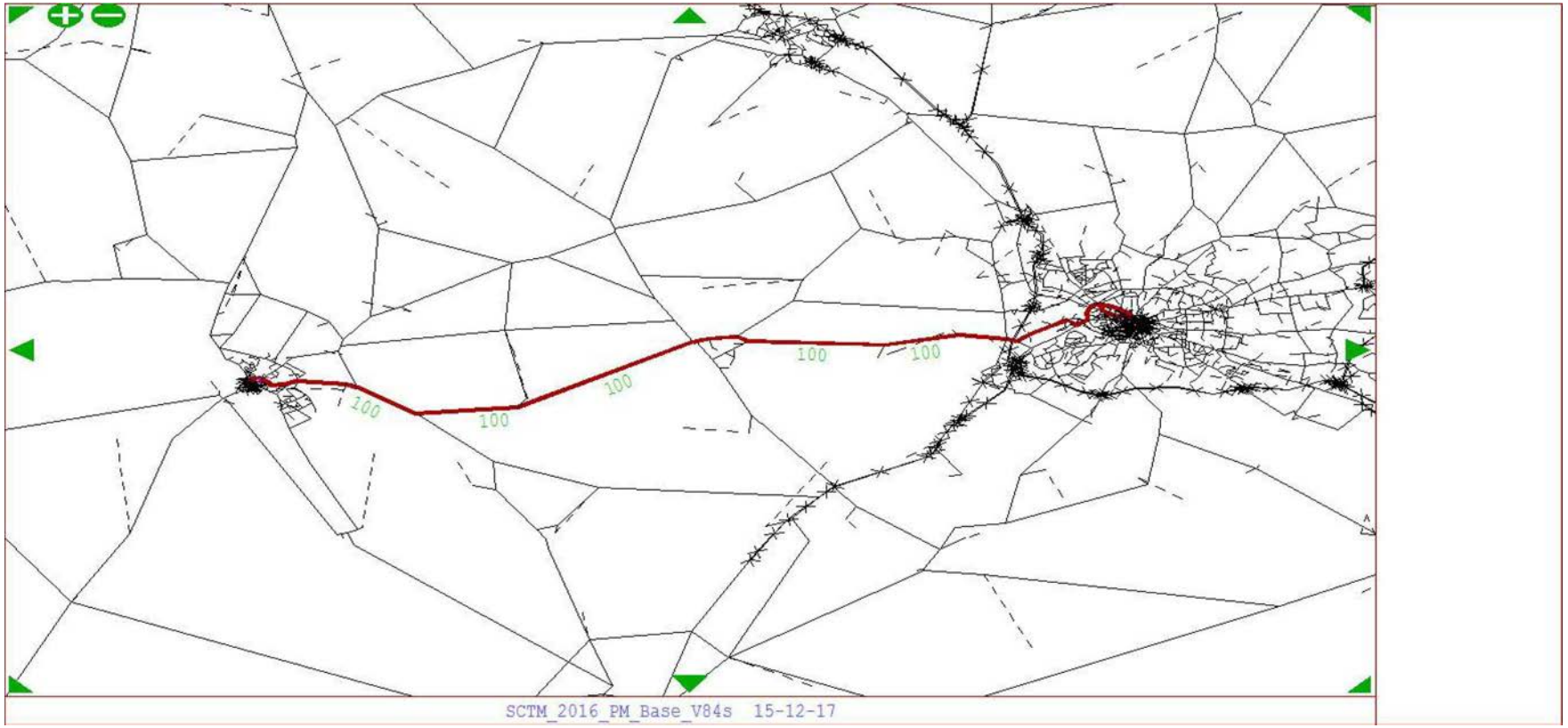
From Zone 455 To Zone 95 - User Class 10



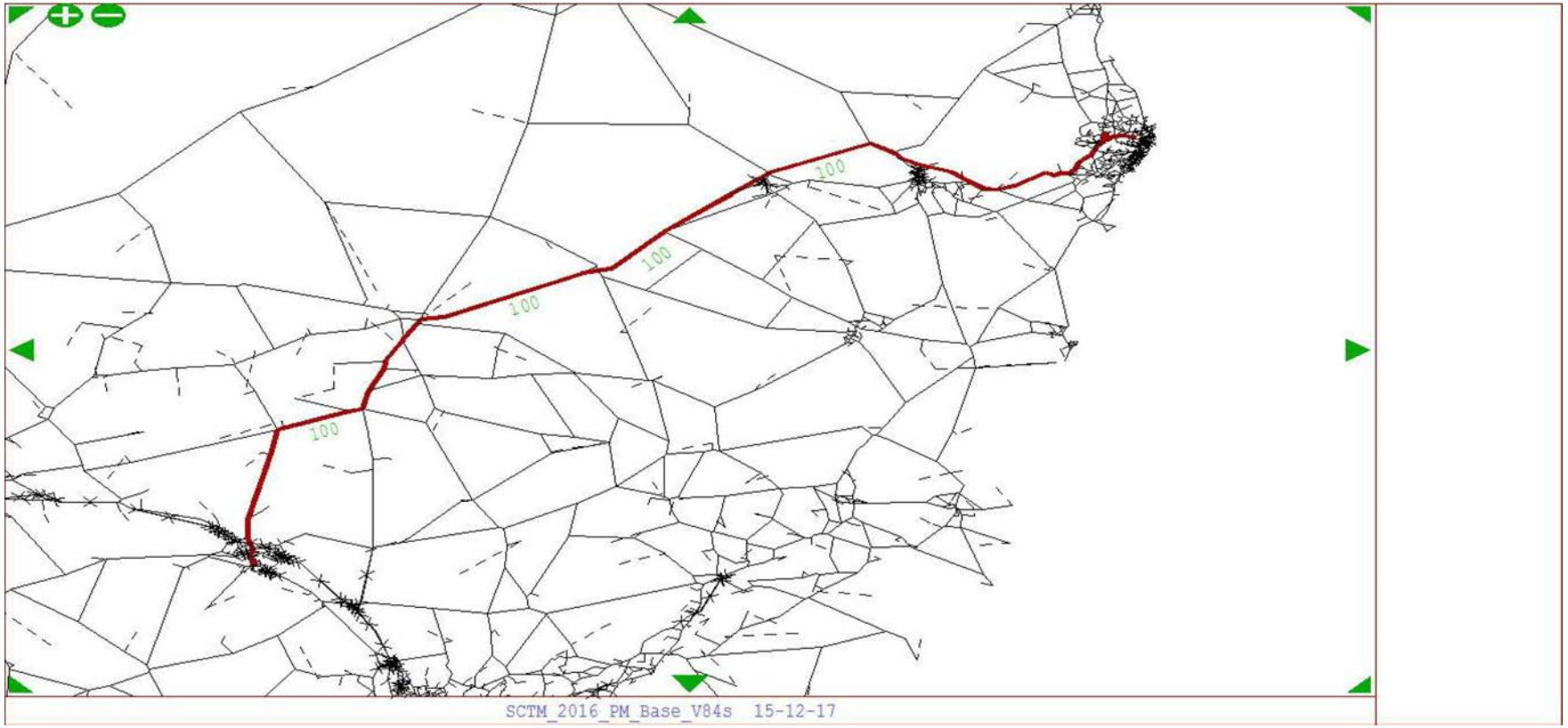
From Zone 146 To Zone 33 - User Class 1



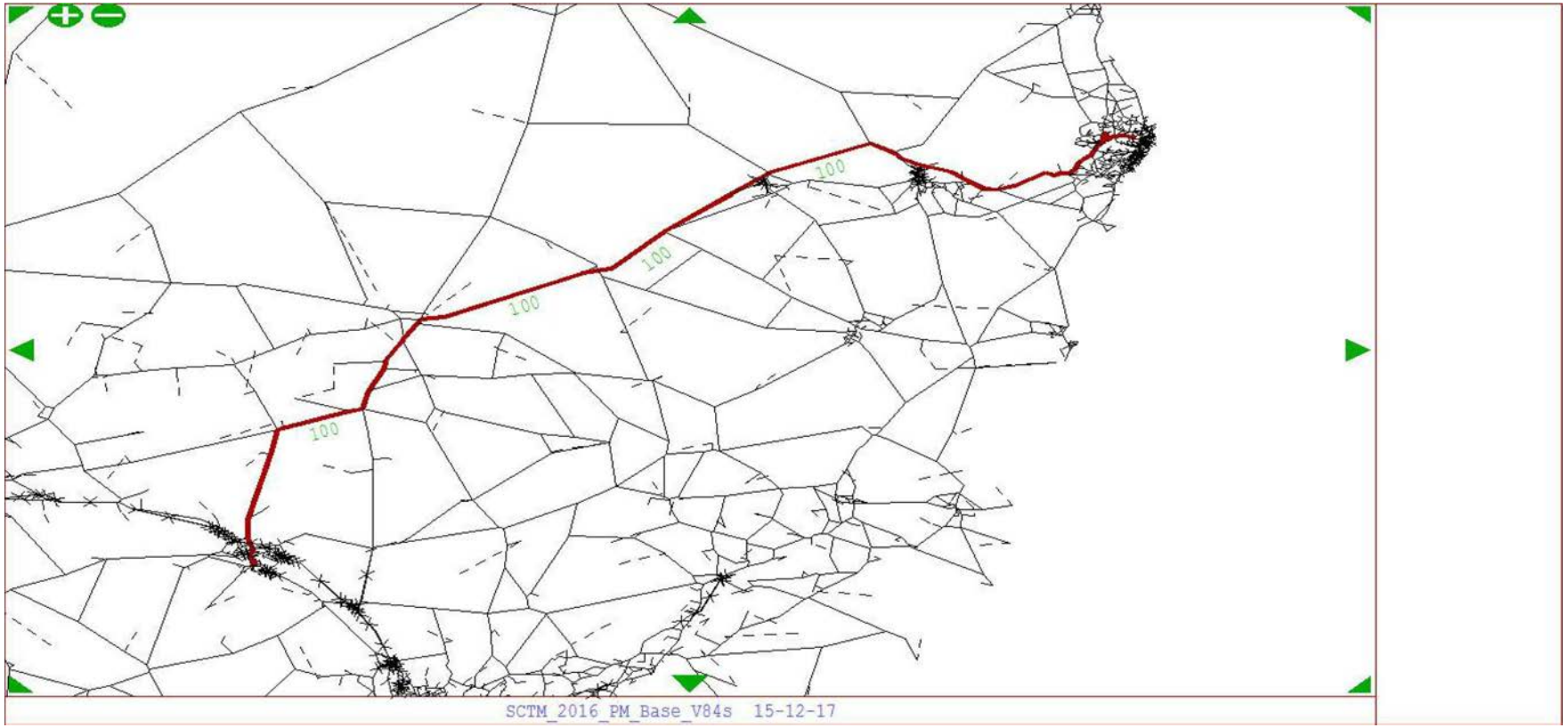
From Zone 146 To Zone 33 - User Class 10



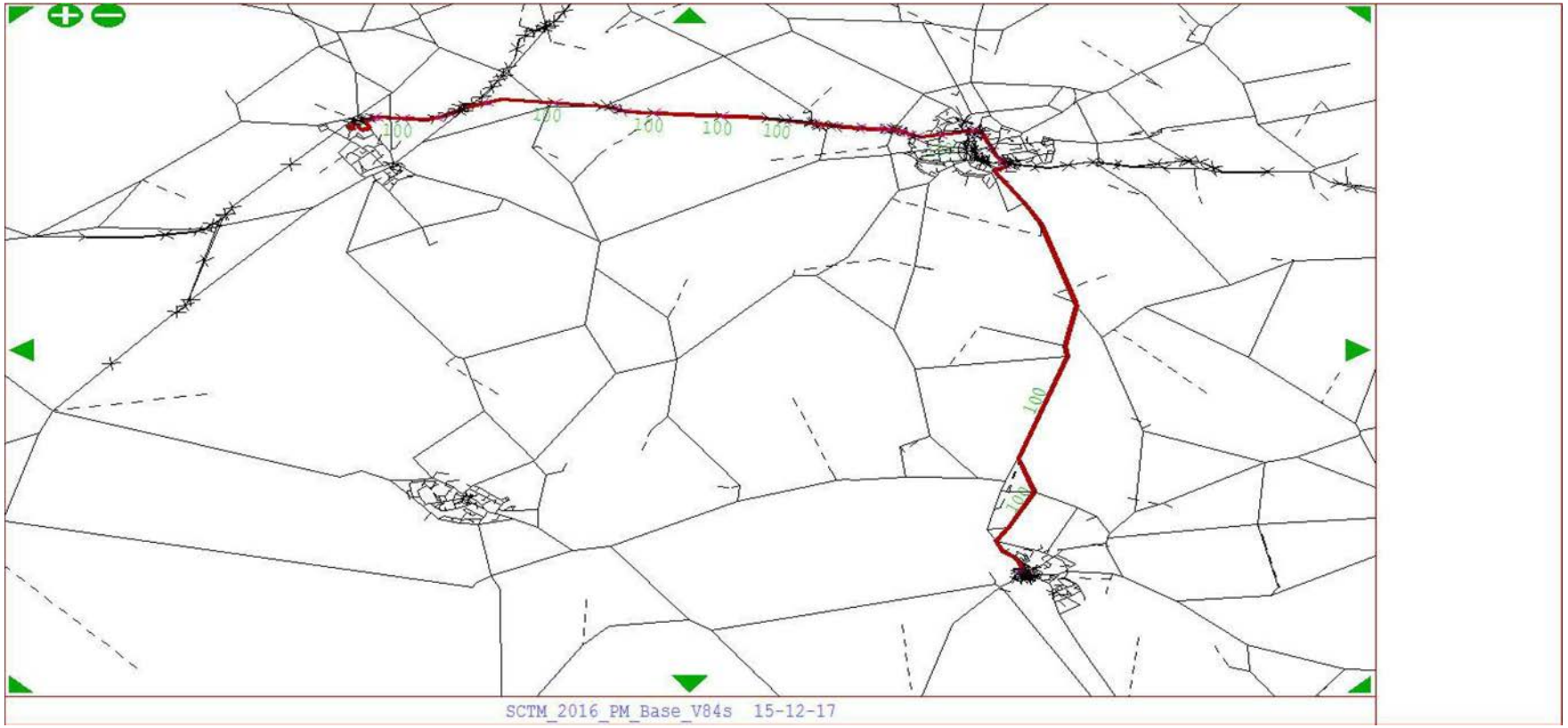
From Zone 412 To Zone 238 - User Class 1



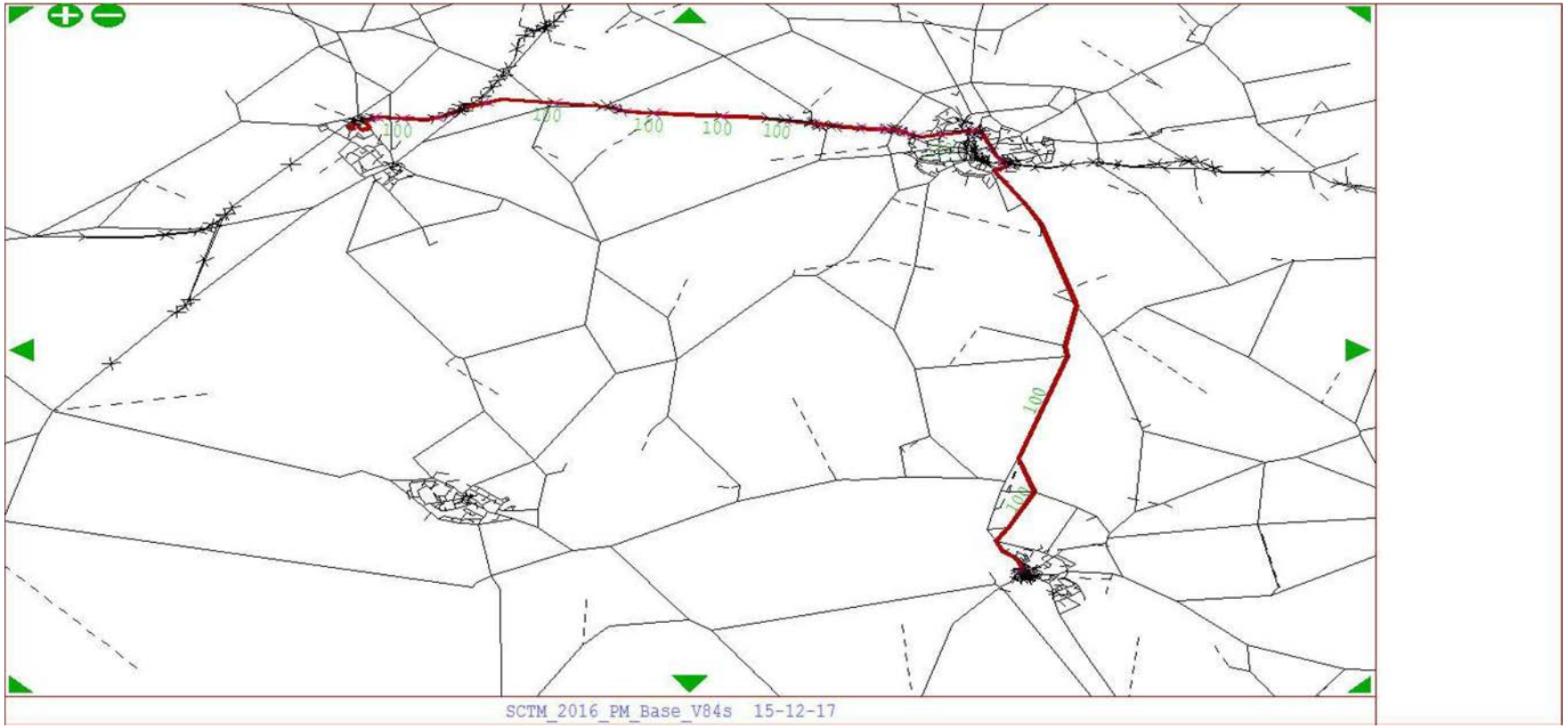
From Zone 412 To Zone 238 - User Class 10



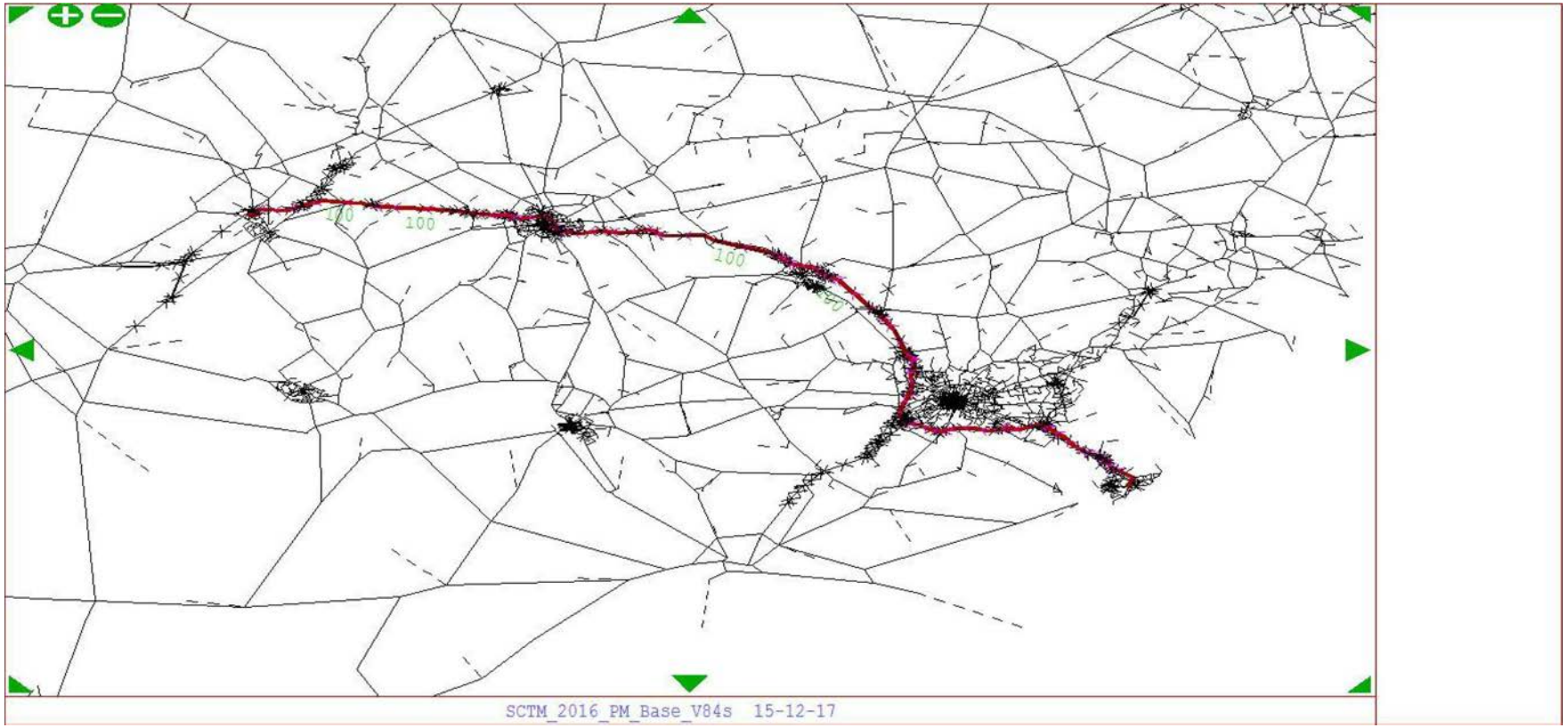
From Zone 33 To Zone 95 - User Class 1



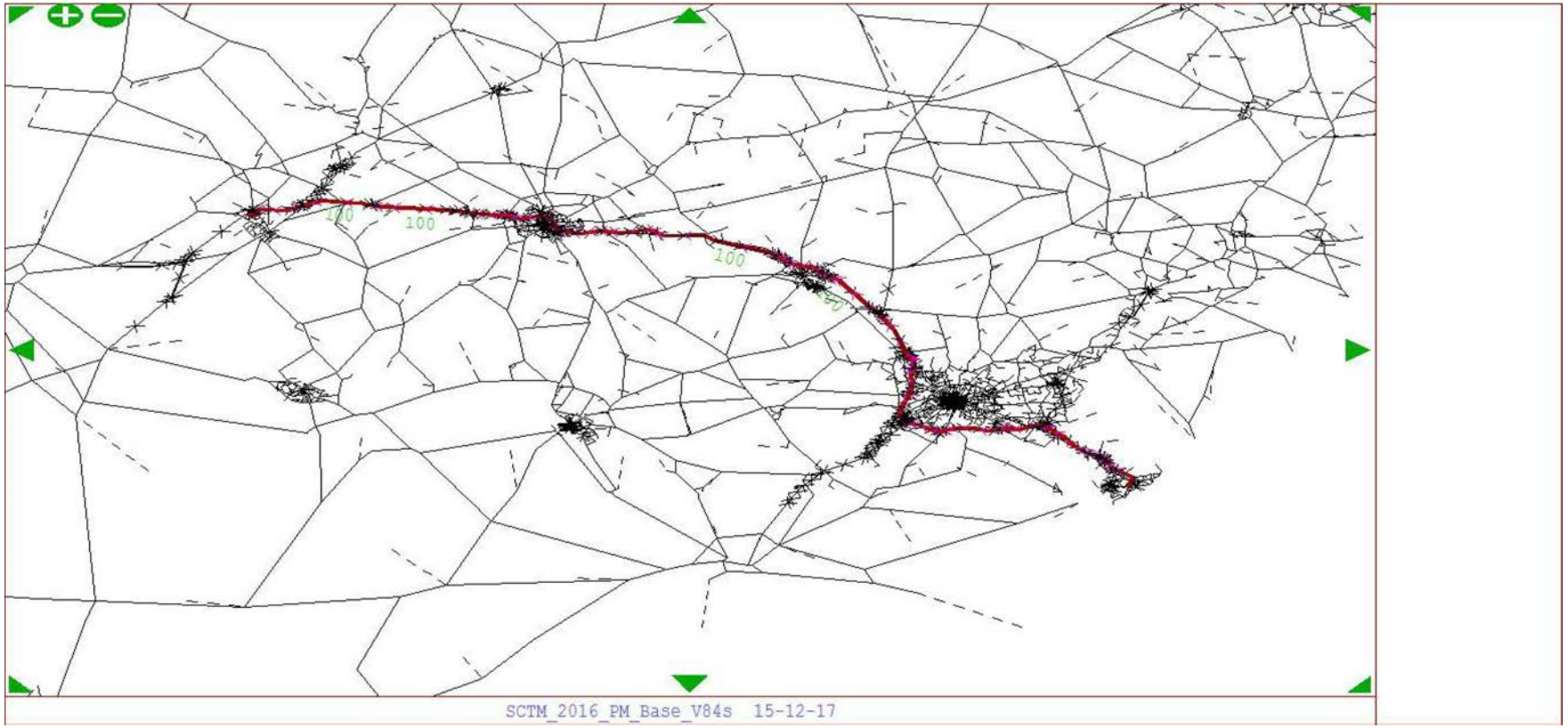
From Zone 33 To Zone 95 - User Class 10



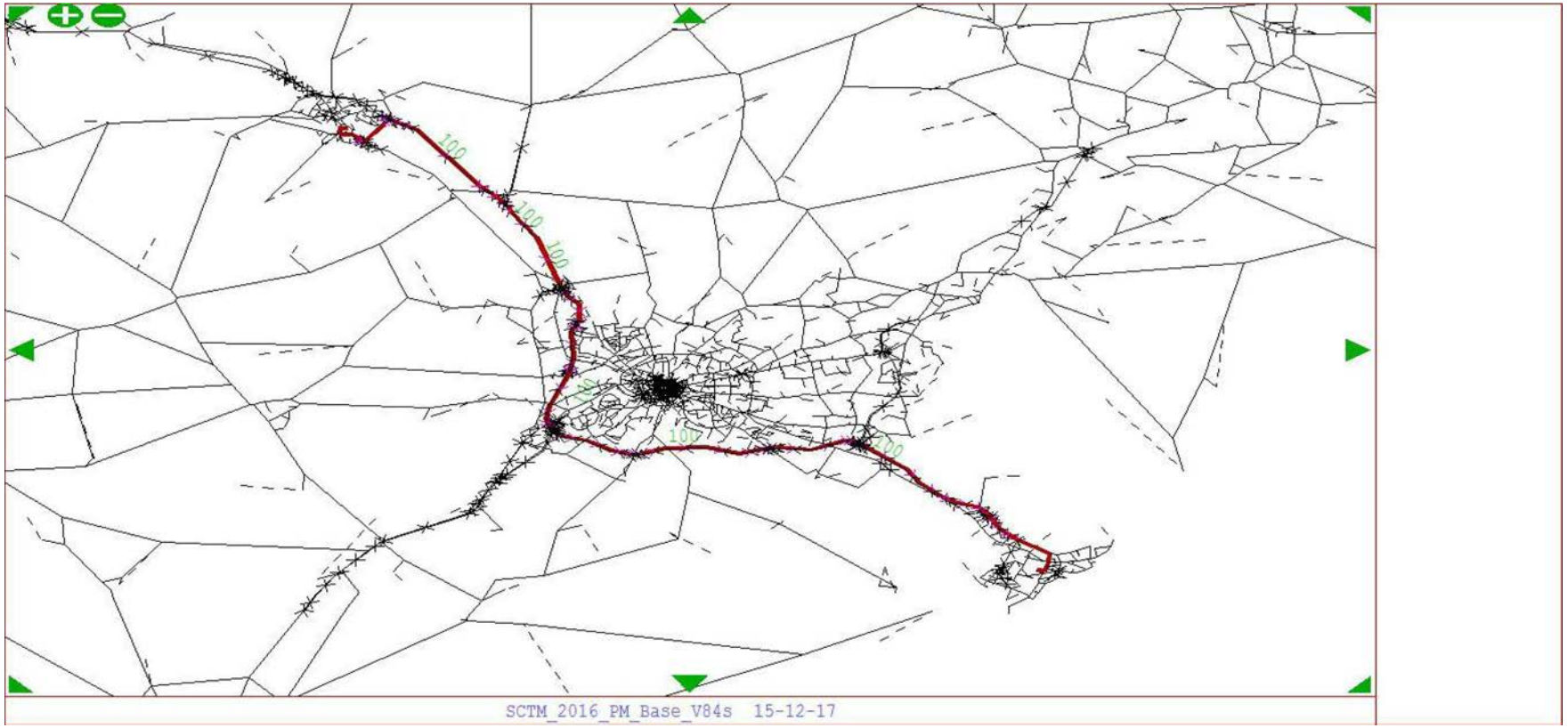
From Zone 391 To Zone 95 - User Class 1



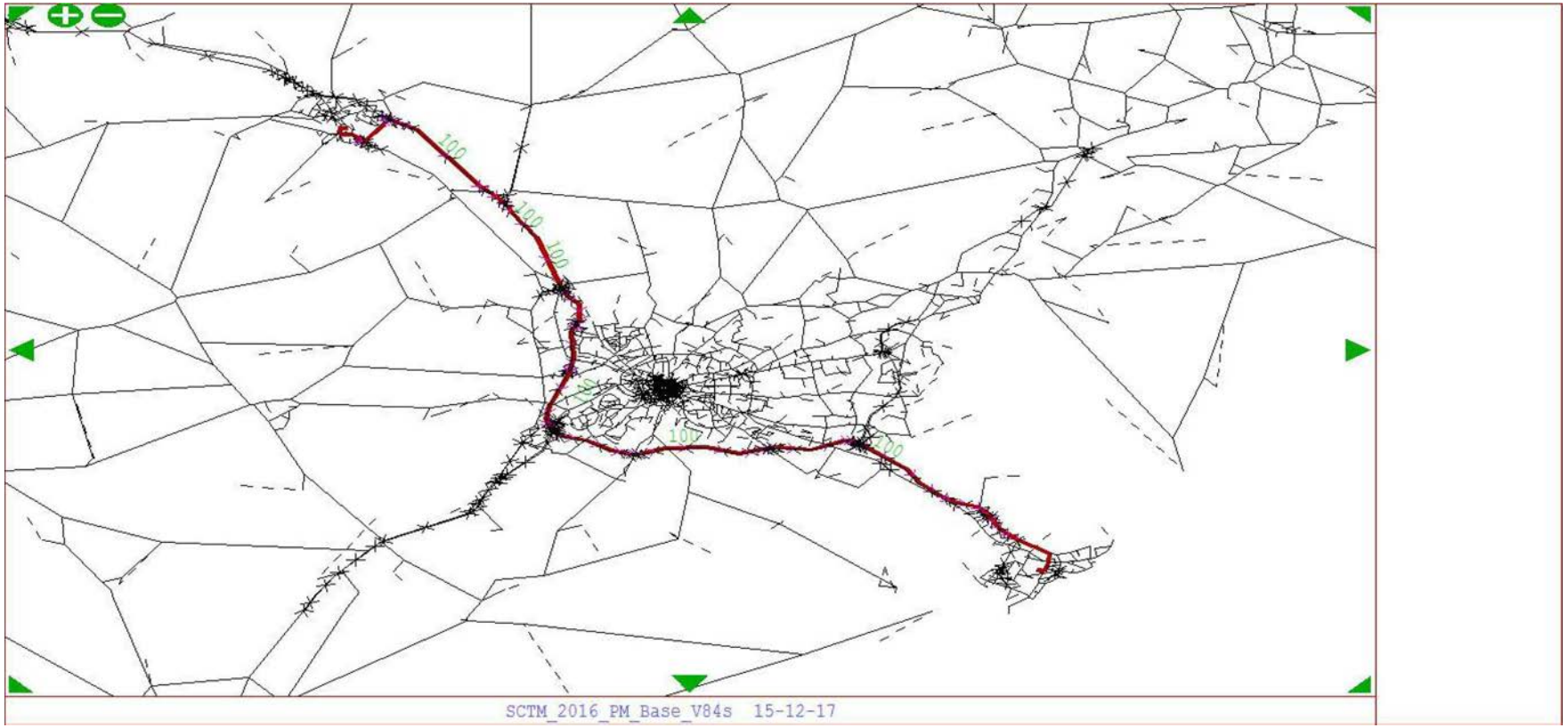
From Zone 391 To Zone 95 - User Class 10



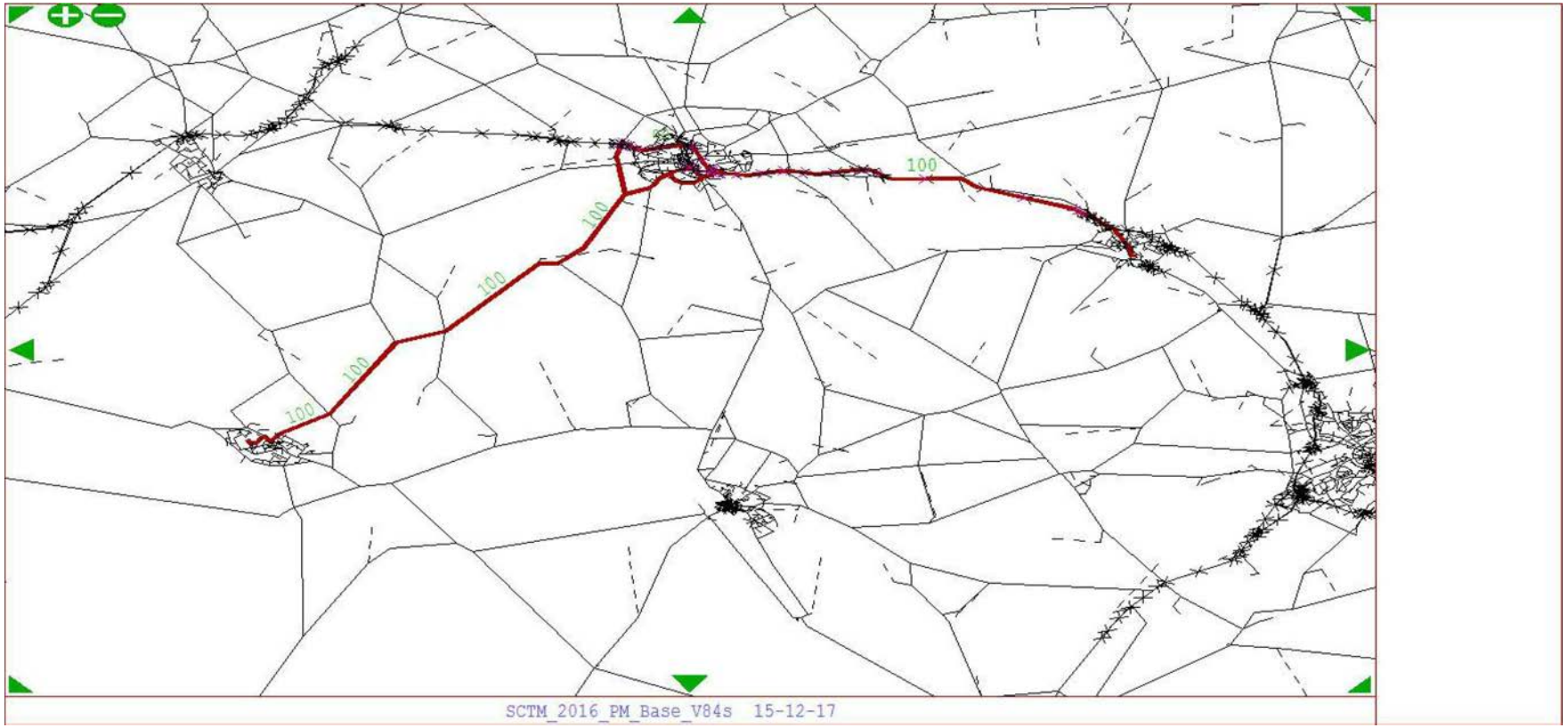
From Zone 238 To Zone 391 - User Class 1



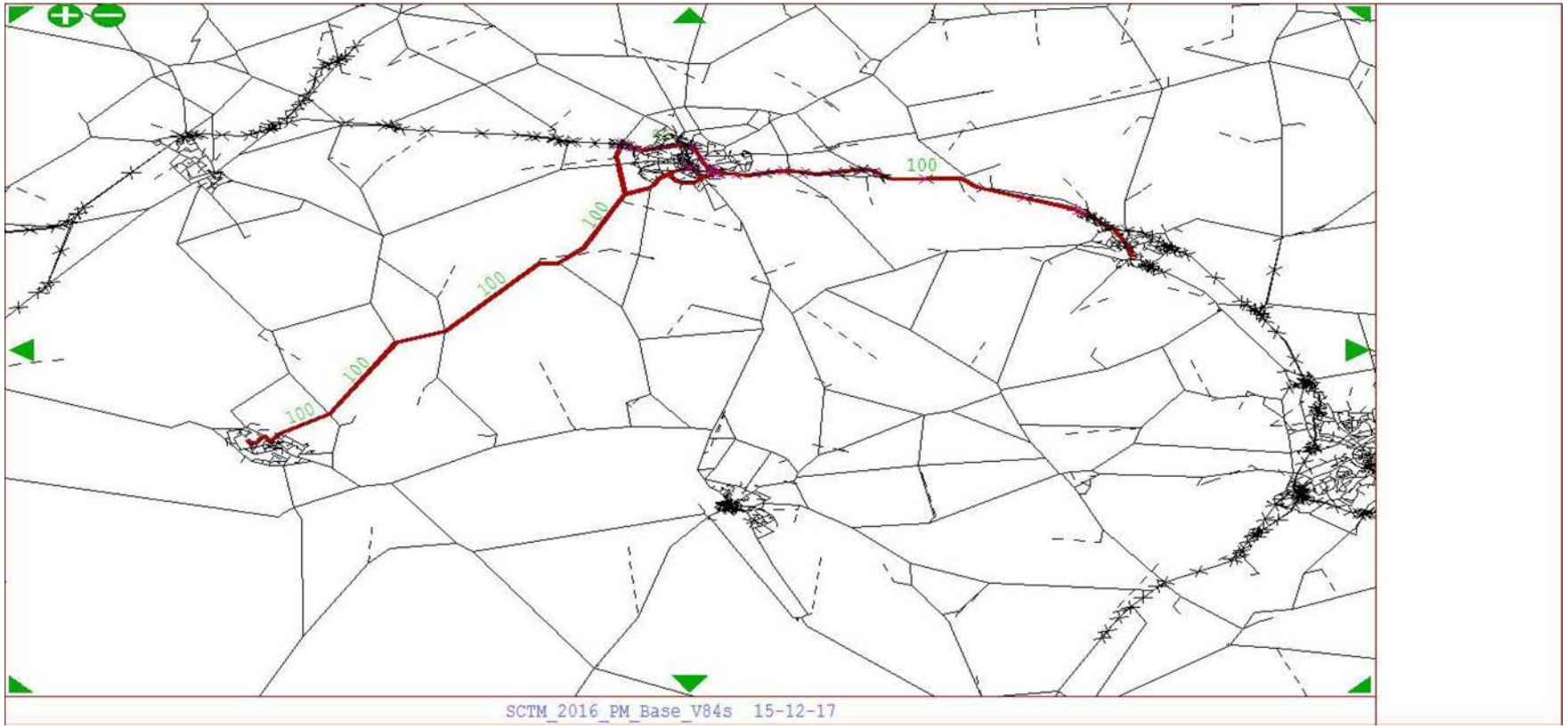
From Zone 238 To Zone 391 - User Class 10



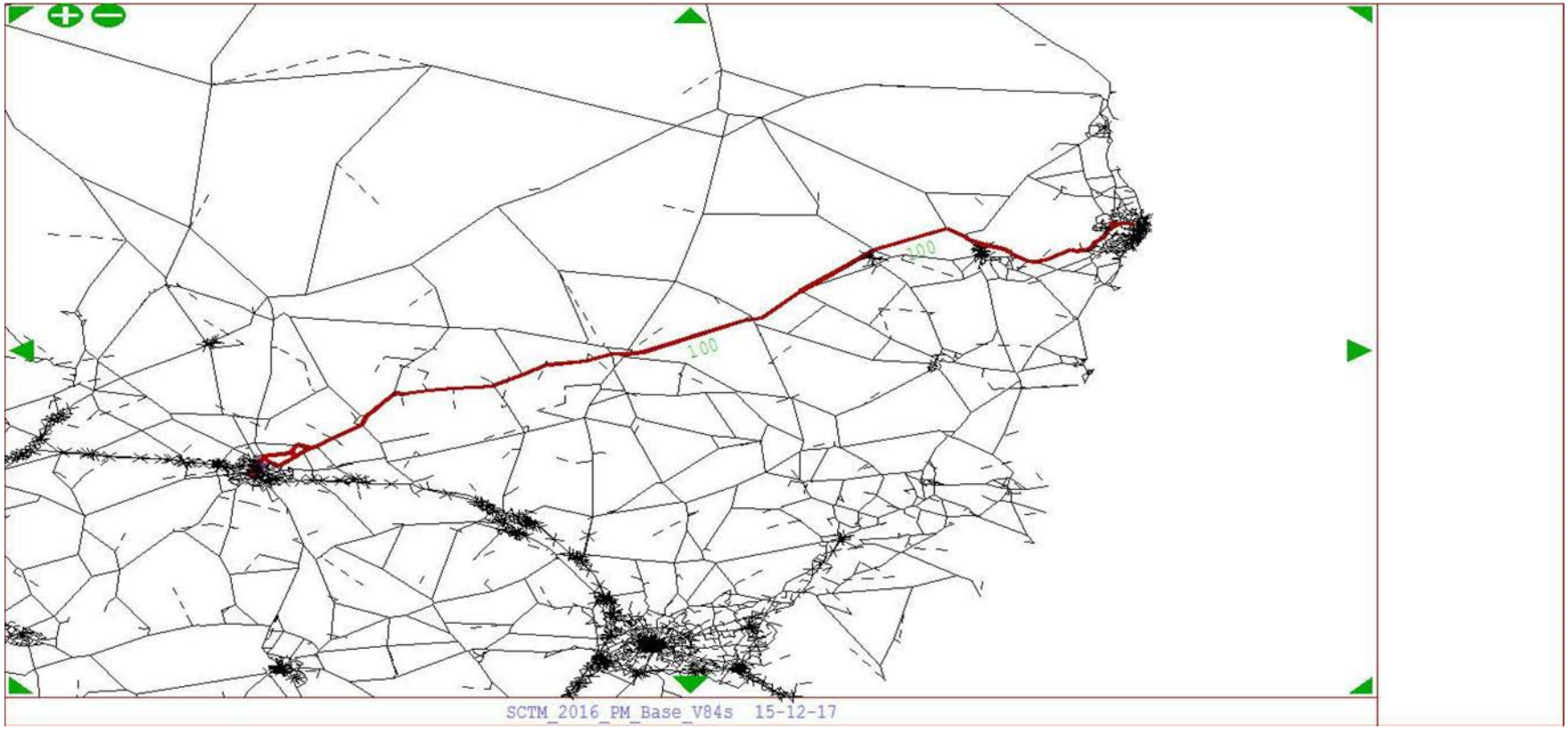
From Zone 316 To Zone 238 - User Class 1



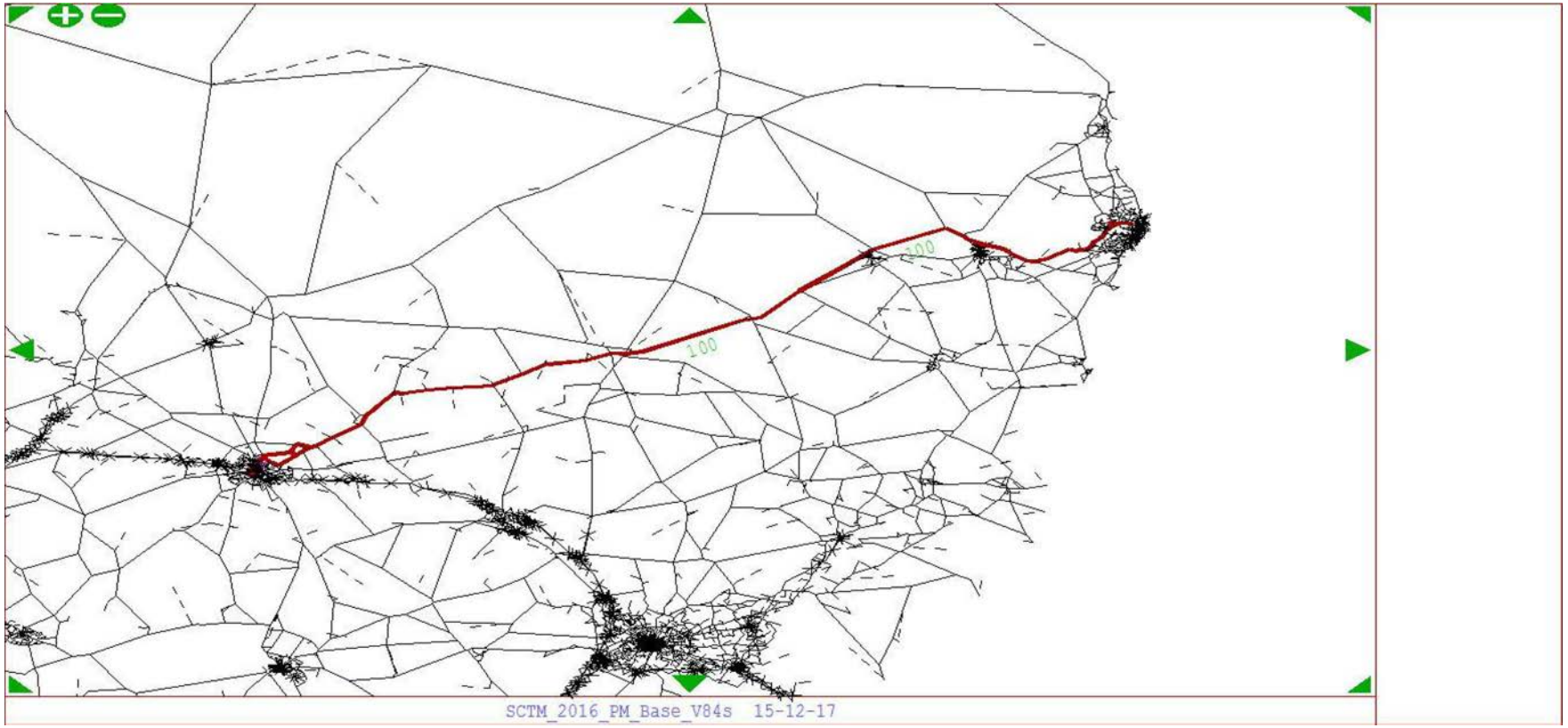
From Zone 316 To Zone 238 - User Class 10



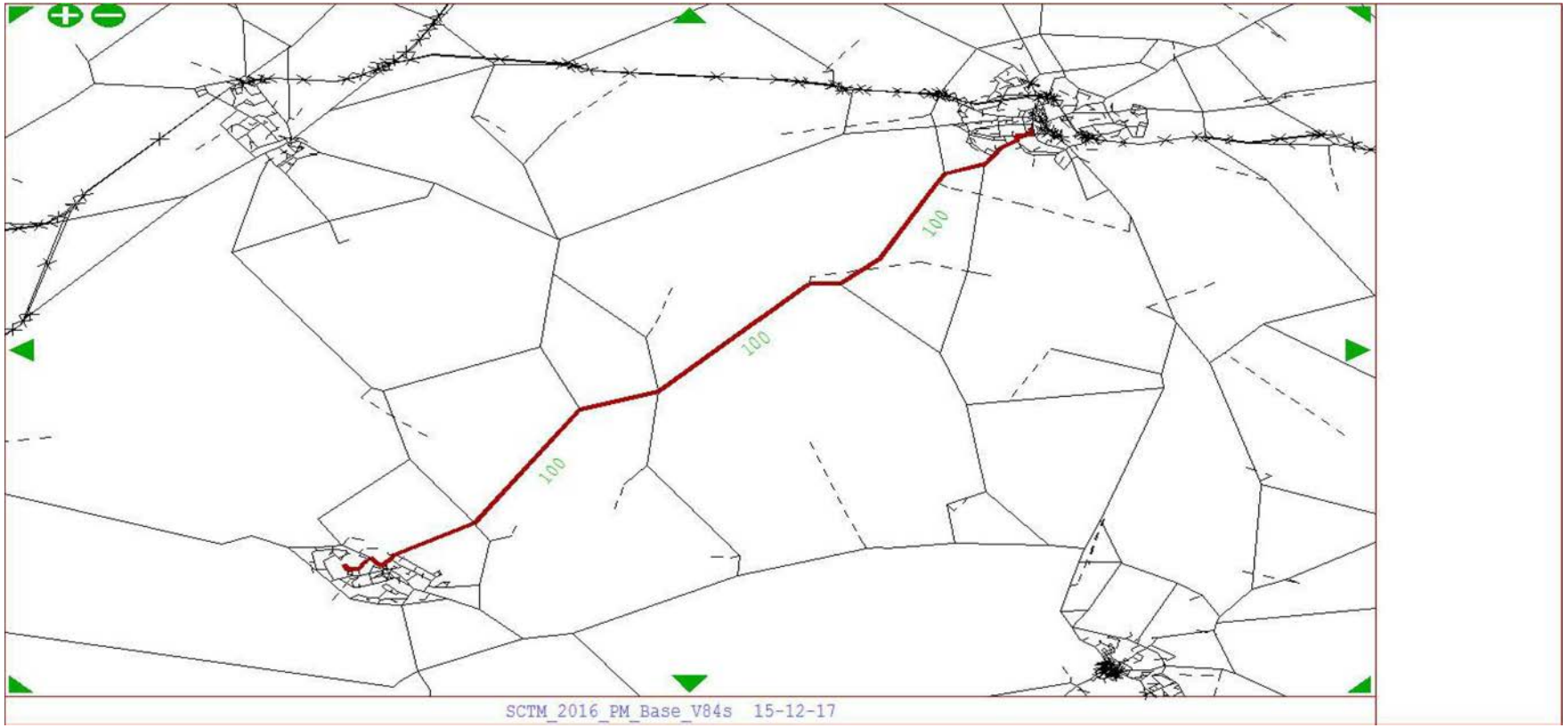
From Zone 412 To Zone 287 - User Class 1



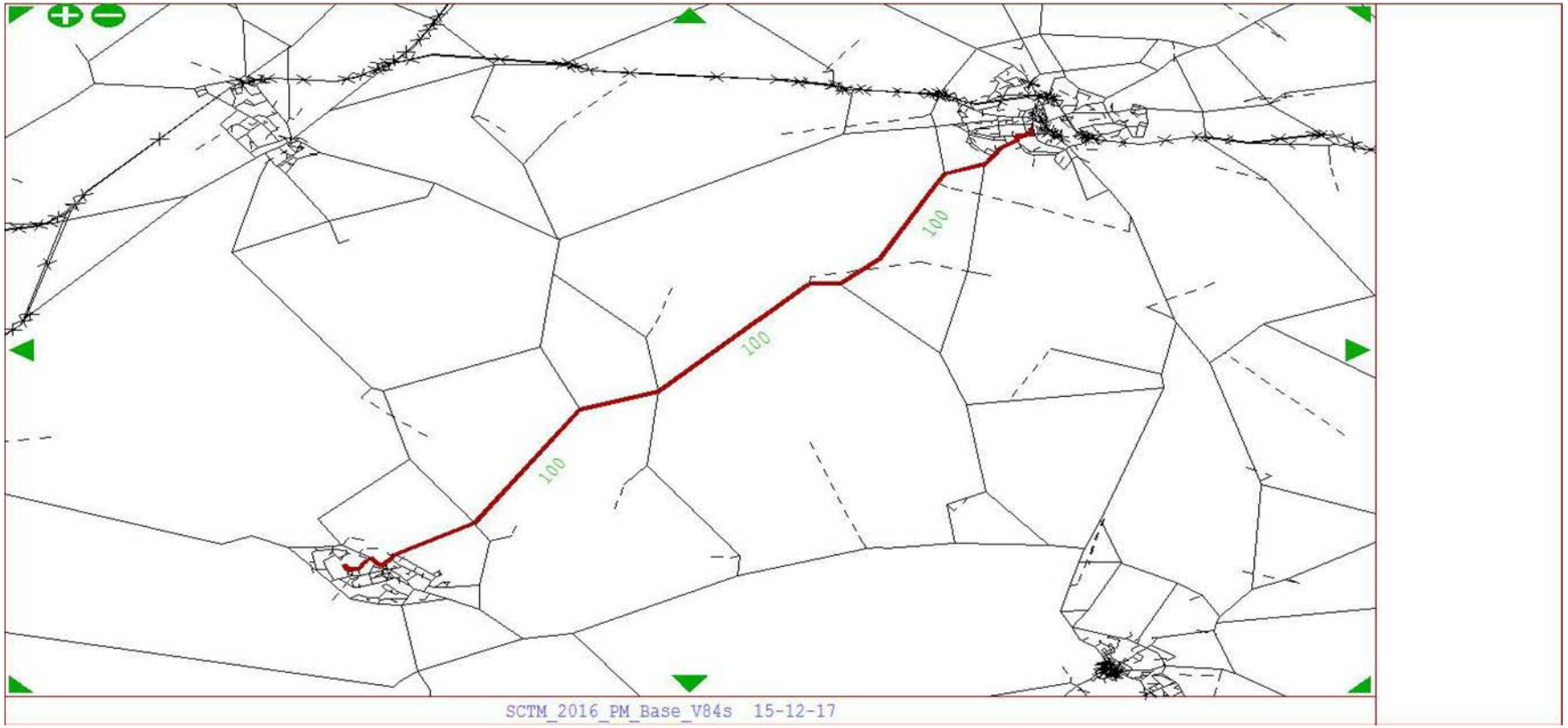
From Zone 412 To Zone 287 - User Class 10



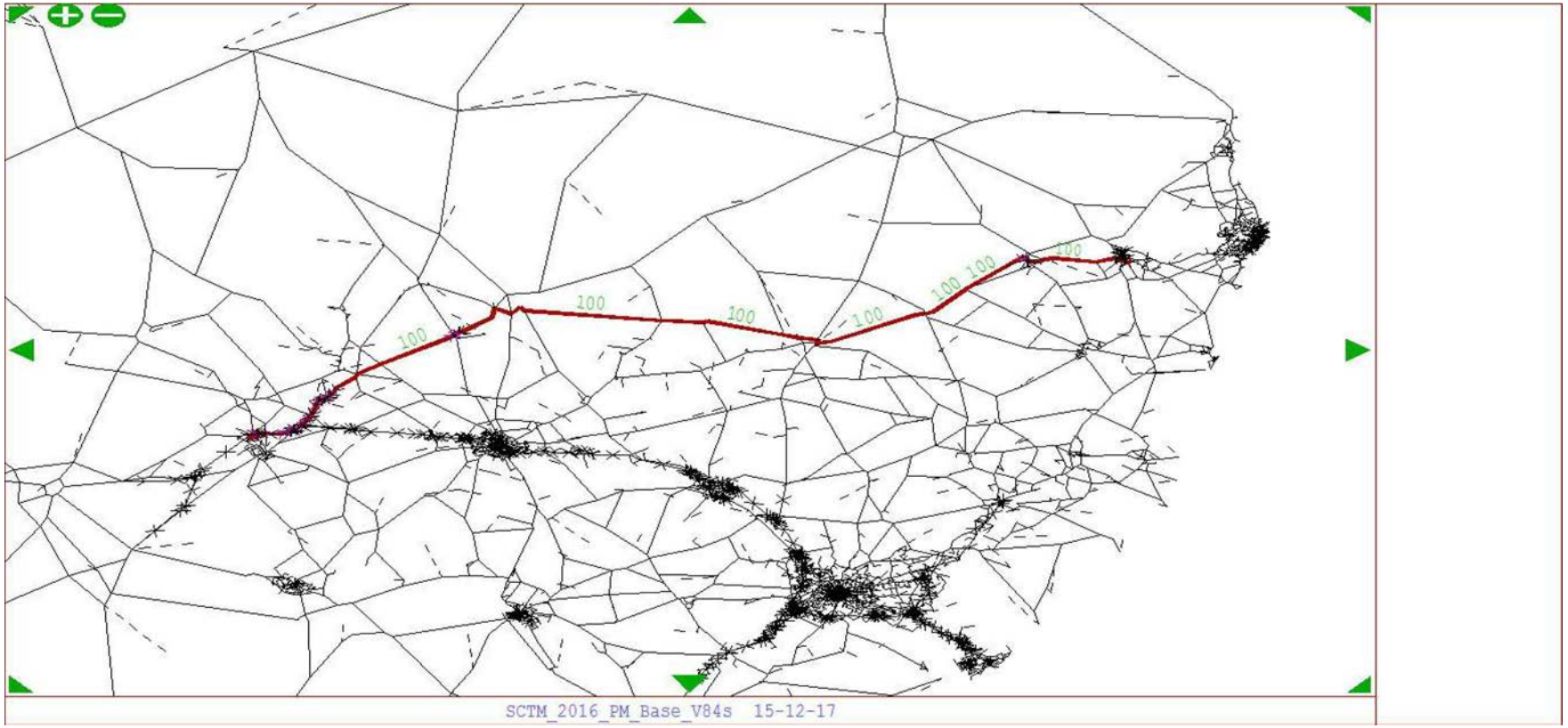
From Zone 287 To Zone 316 - User Class 1



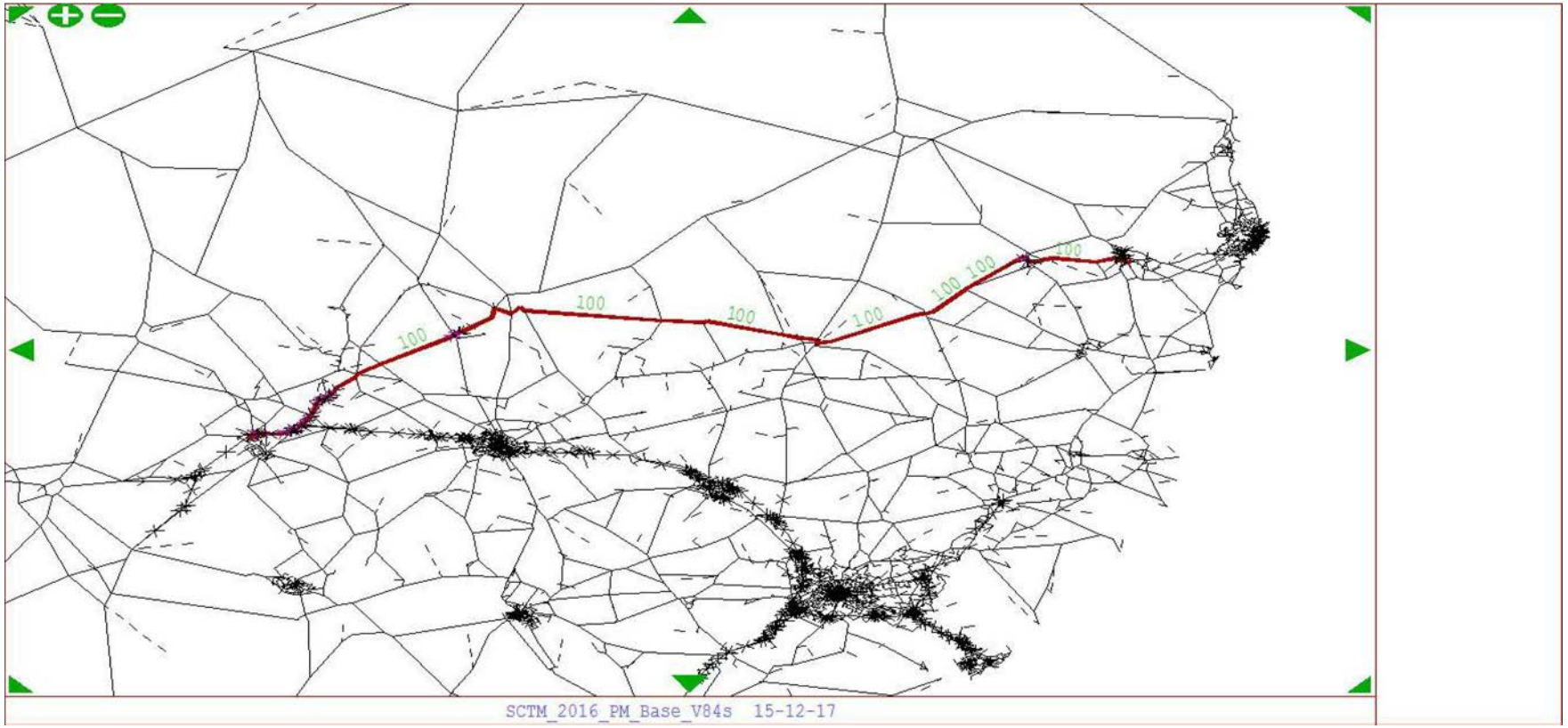
From Zone 287 To Zone 316 - User Class 10



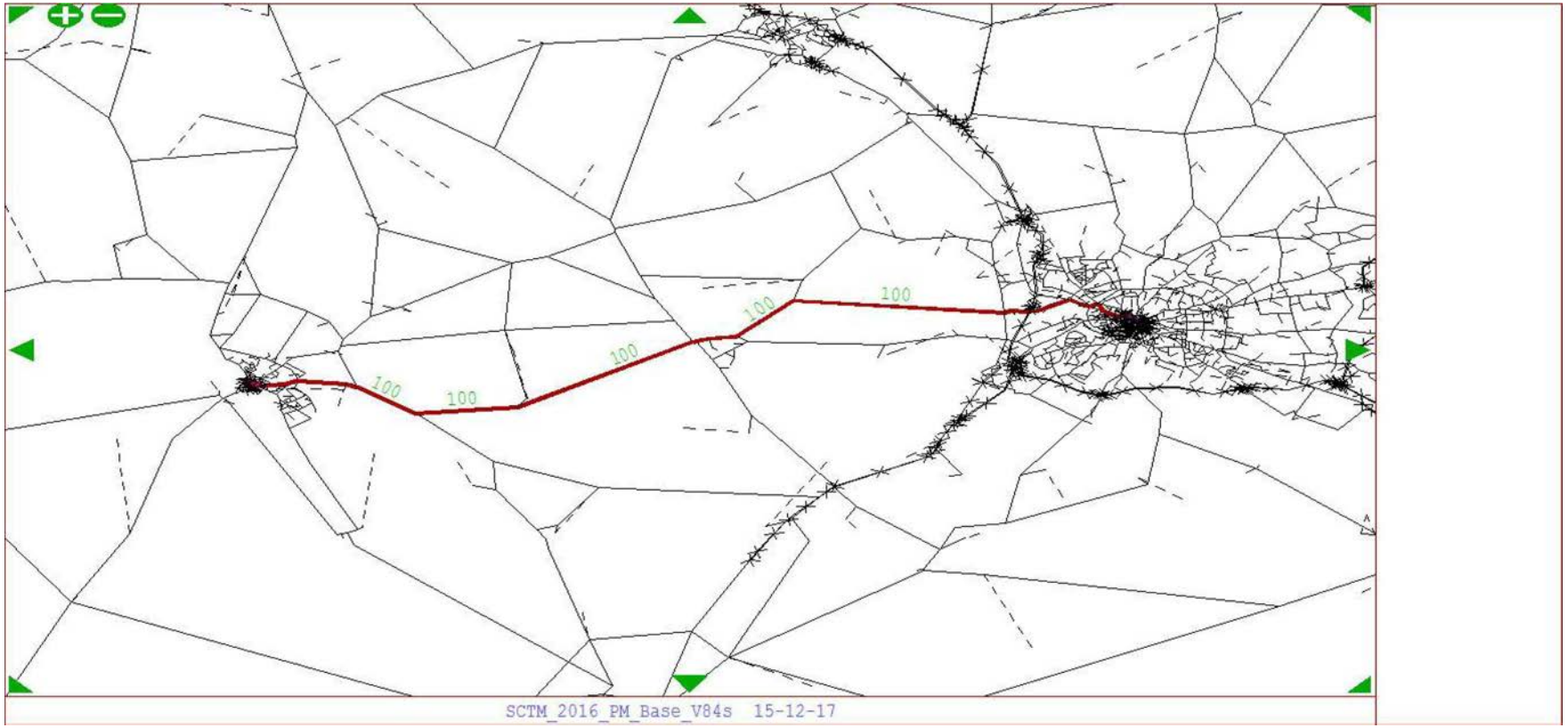
From Zone 95 To Zone 455 - User Class 1



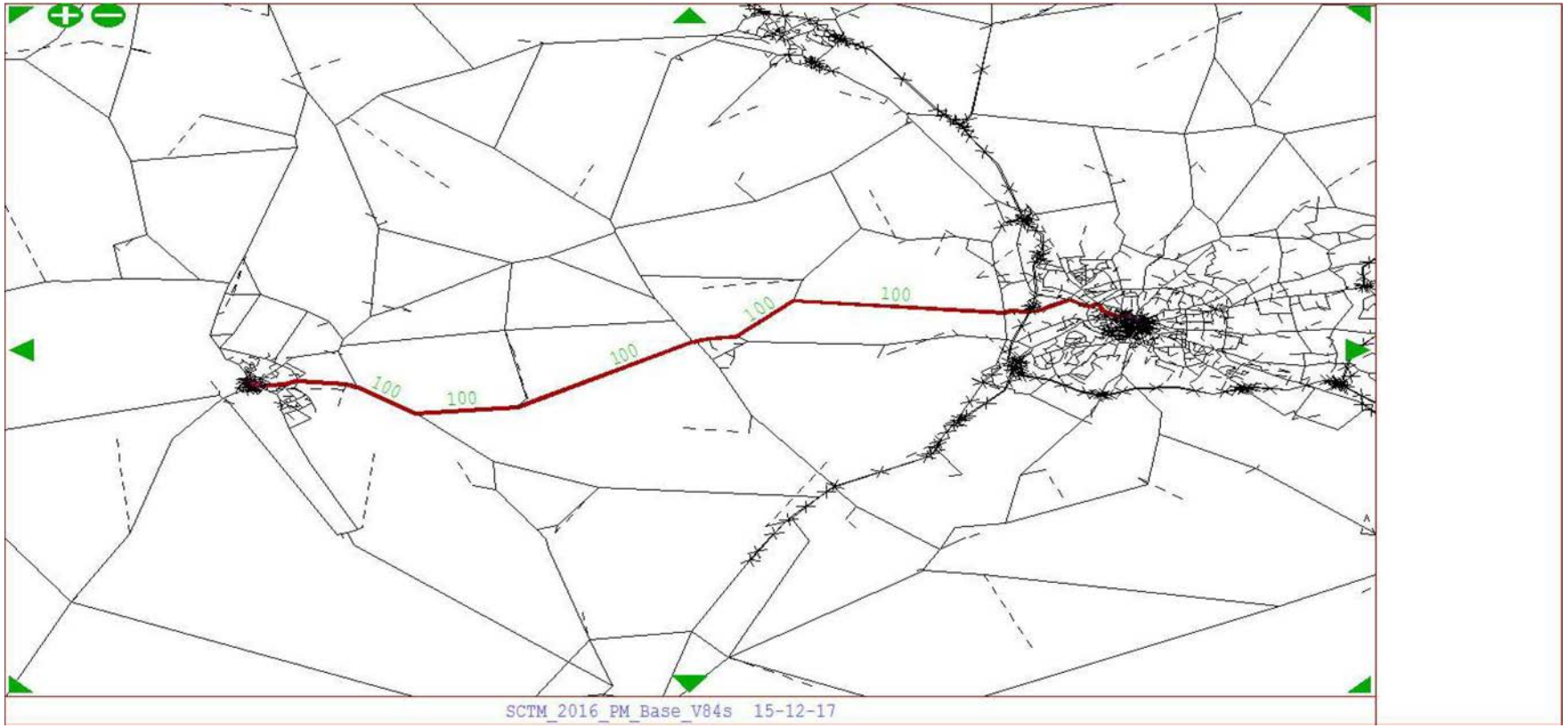
From Zone 95 To Zone 455 - User Class 10



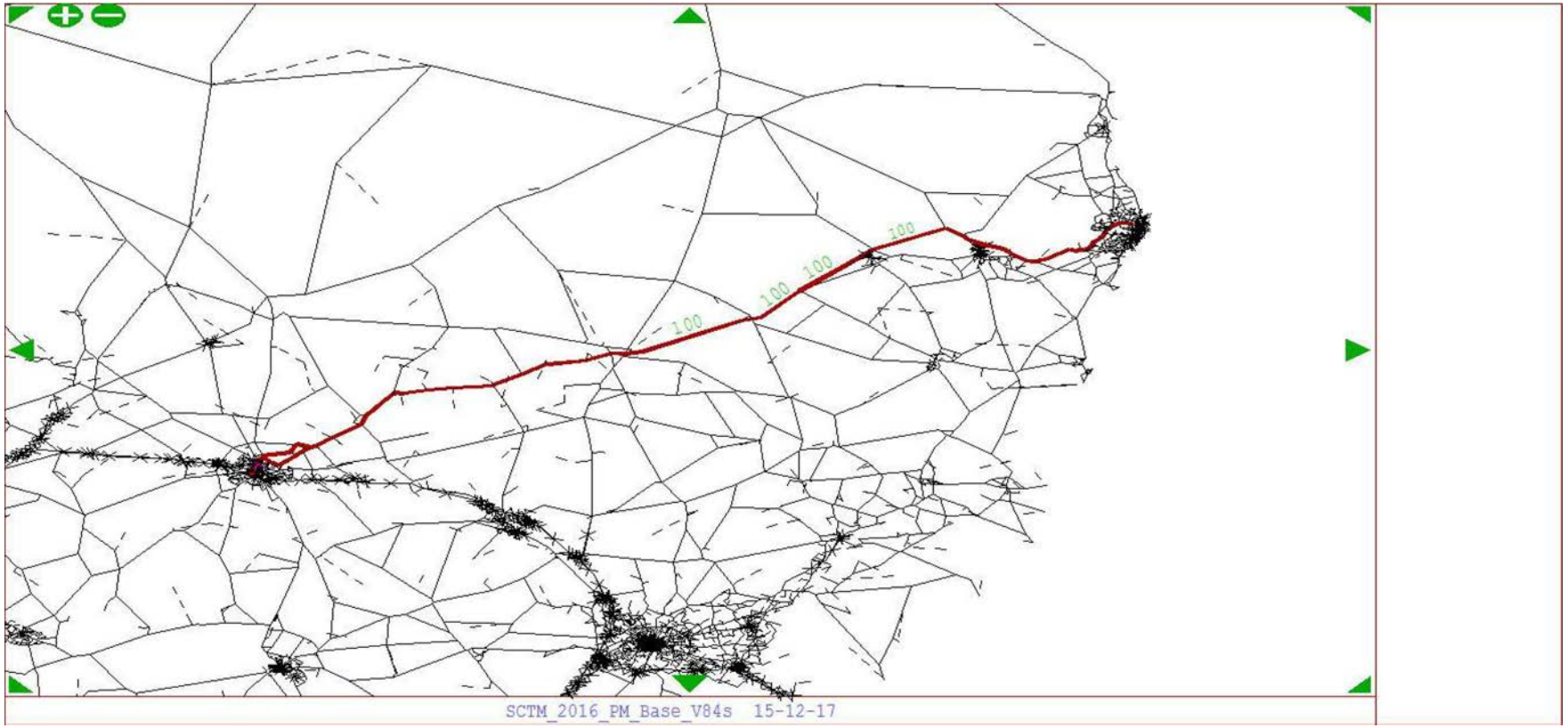
From Zone 33 To Zone 146 - User Class 1



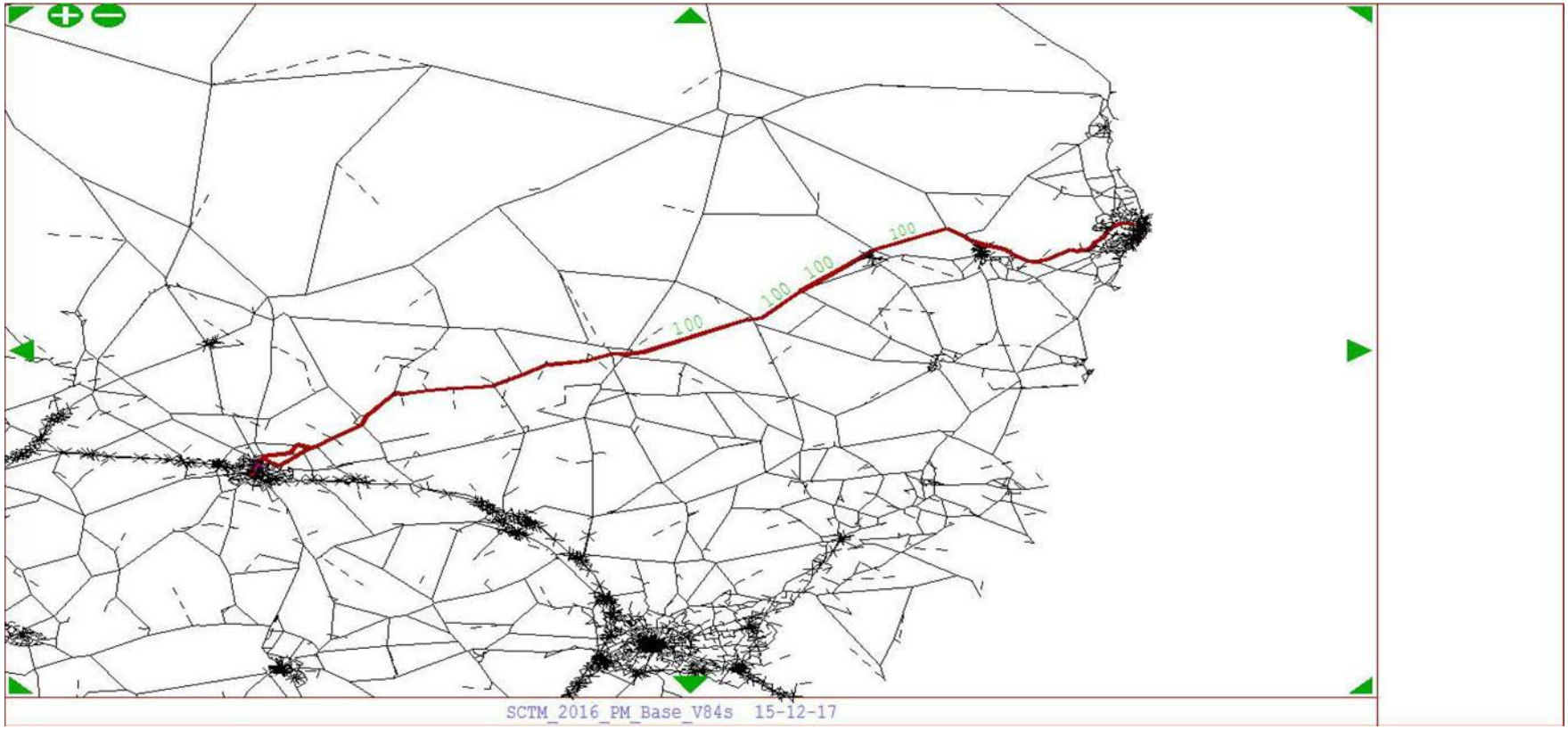
From Zone 33 To Zone 146 - User Class 10



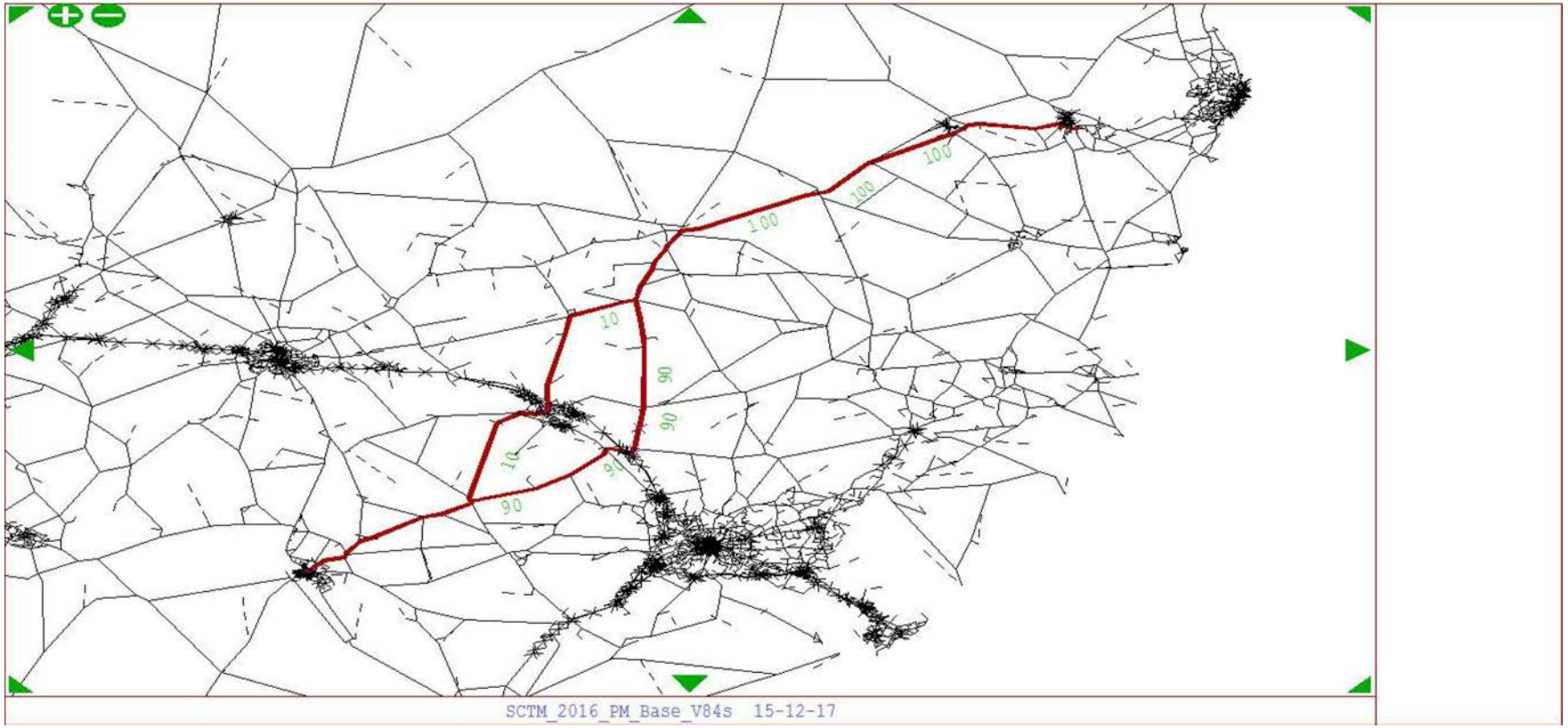
From Zone 287 To Zone 412 - User Class 1



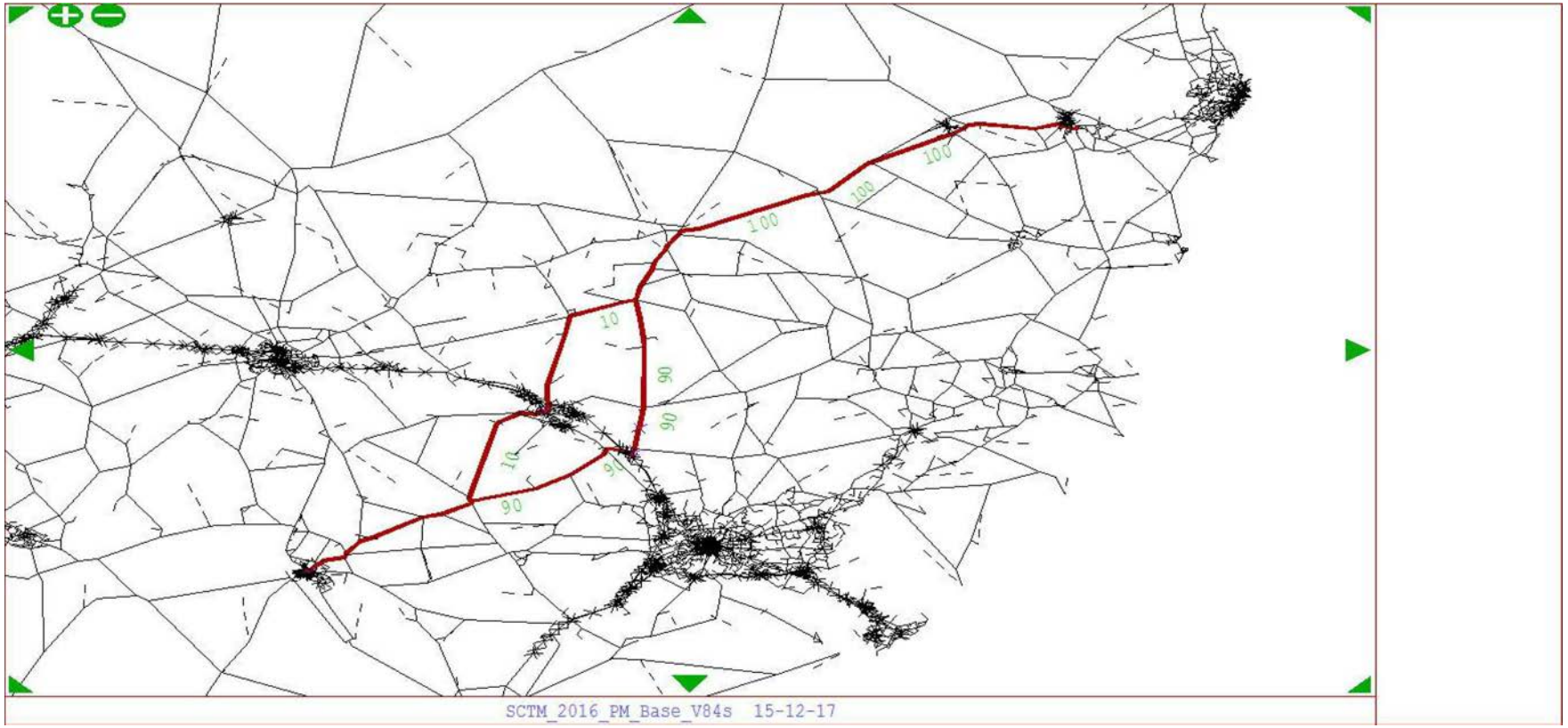
From Zone 287 To Zone 412 - User Class 10



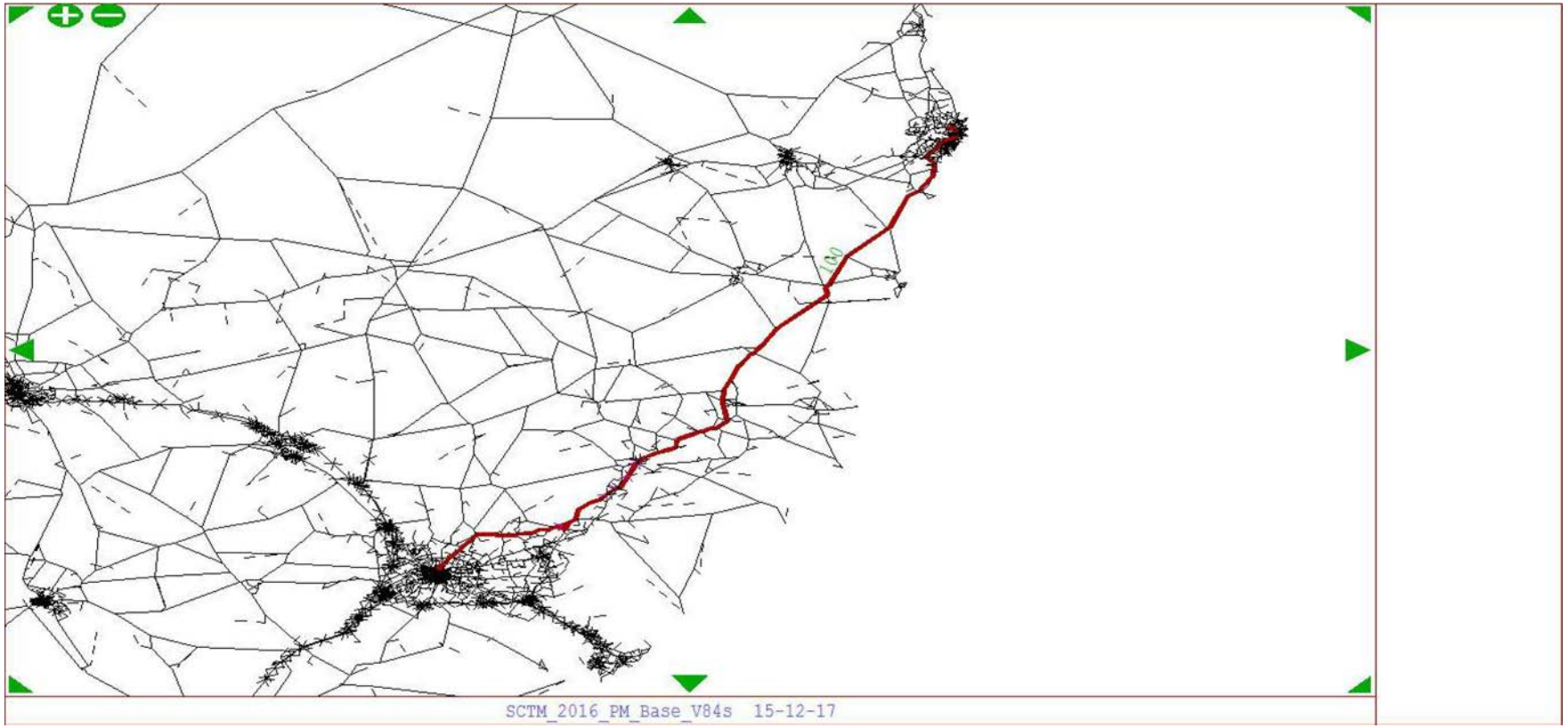
From Zone 455 To Zone 33 - User Class 1



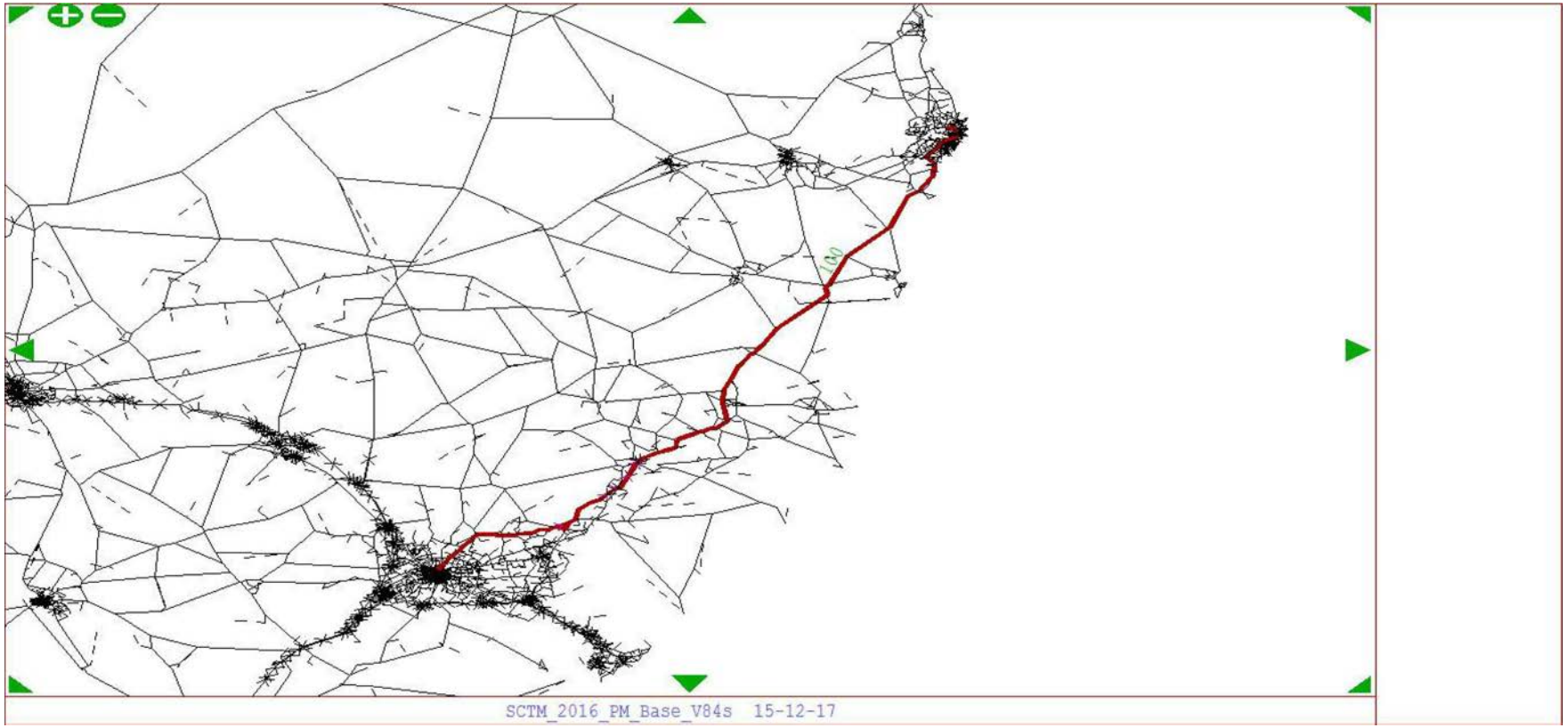
From Zone 455 To Zone 33 - User Class 10



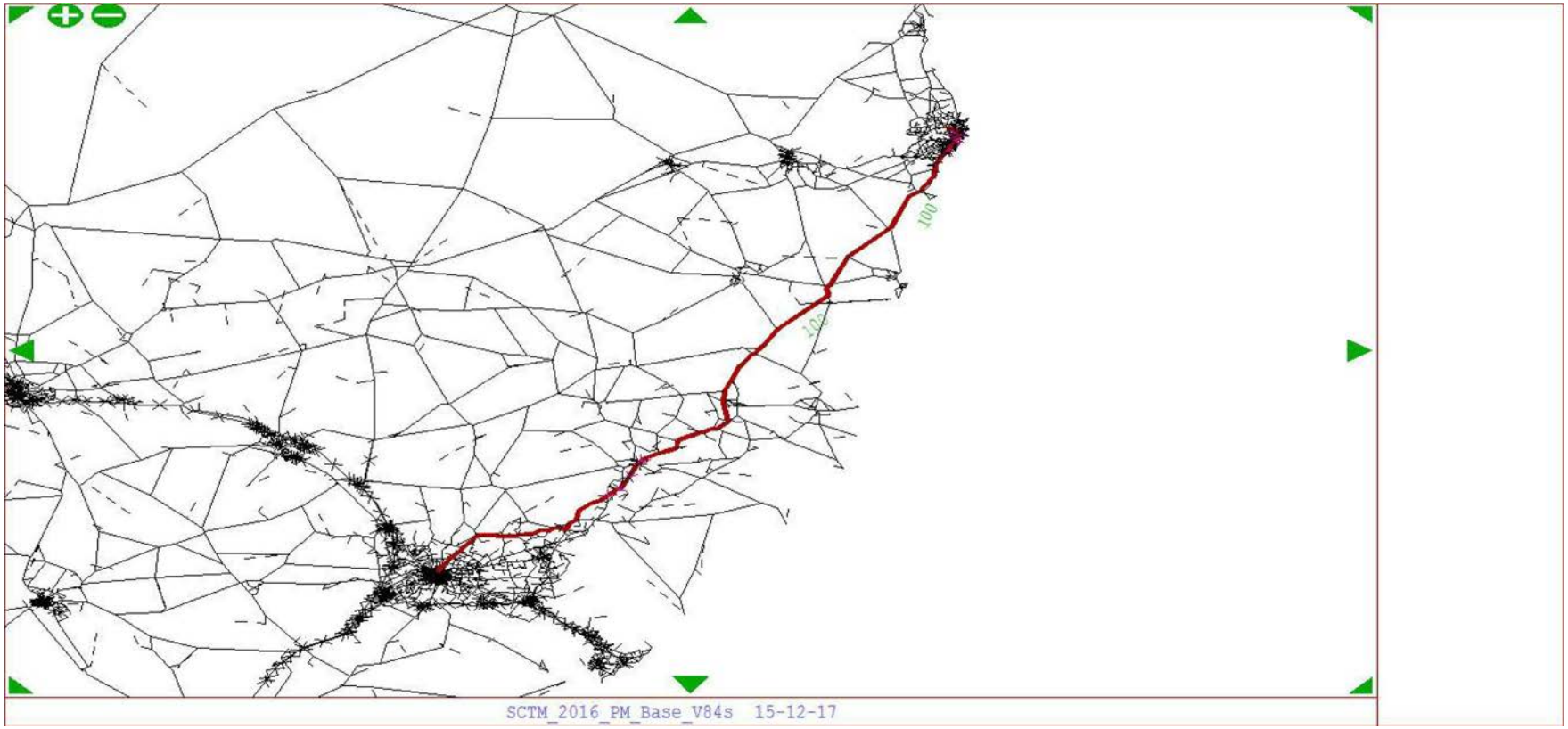
From Zone 146 To Zone 412 - User Class 1



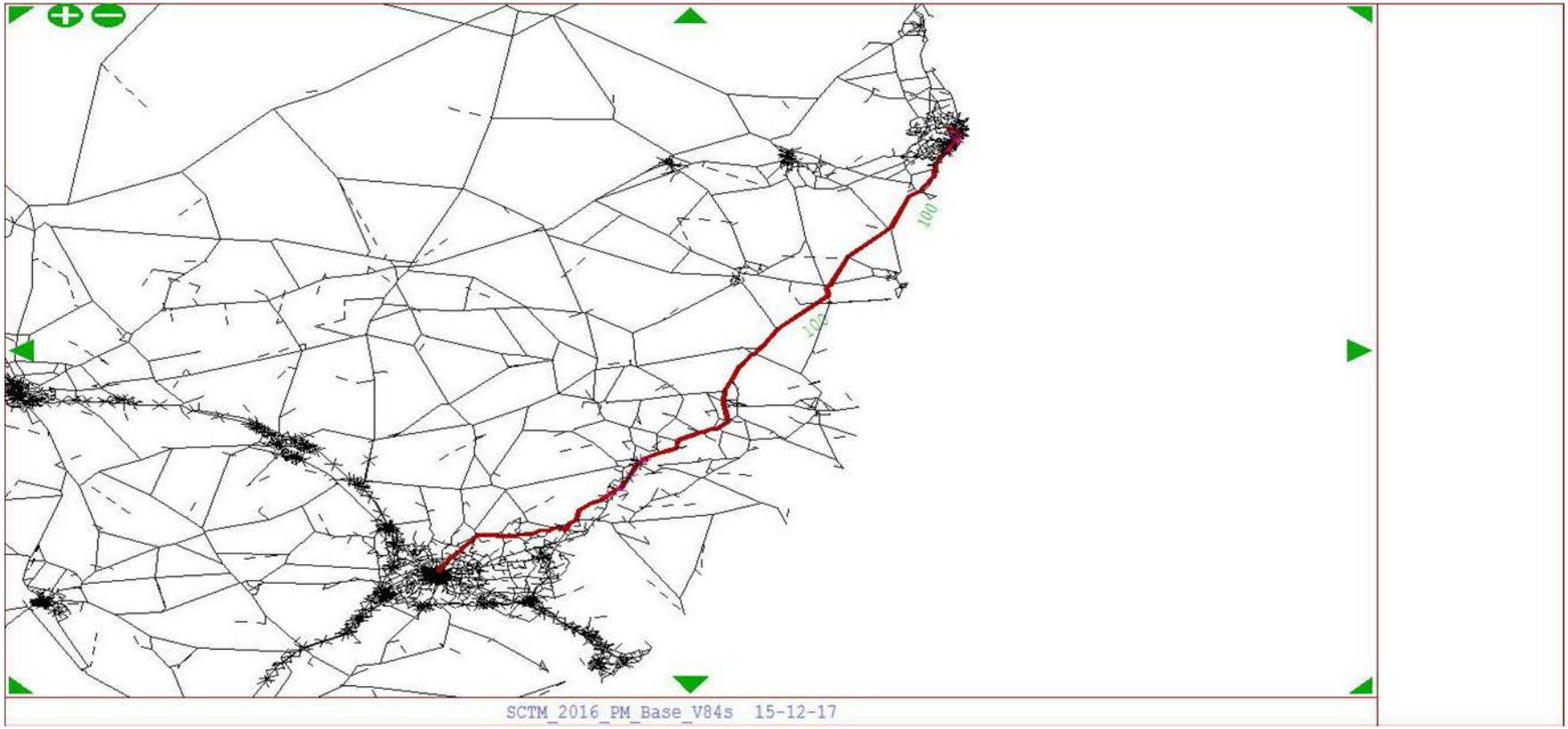
From Zone 146 To Zone 412 - User Class 10



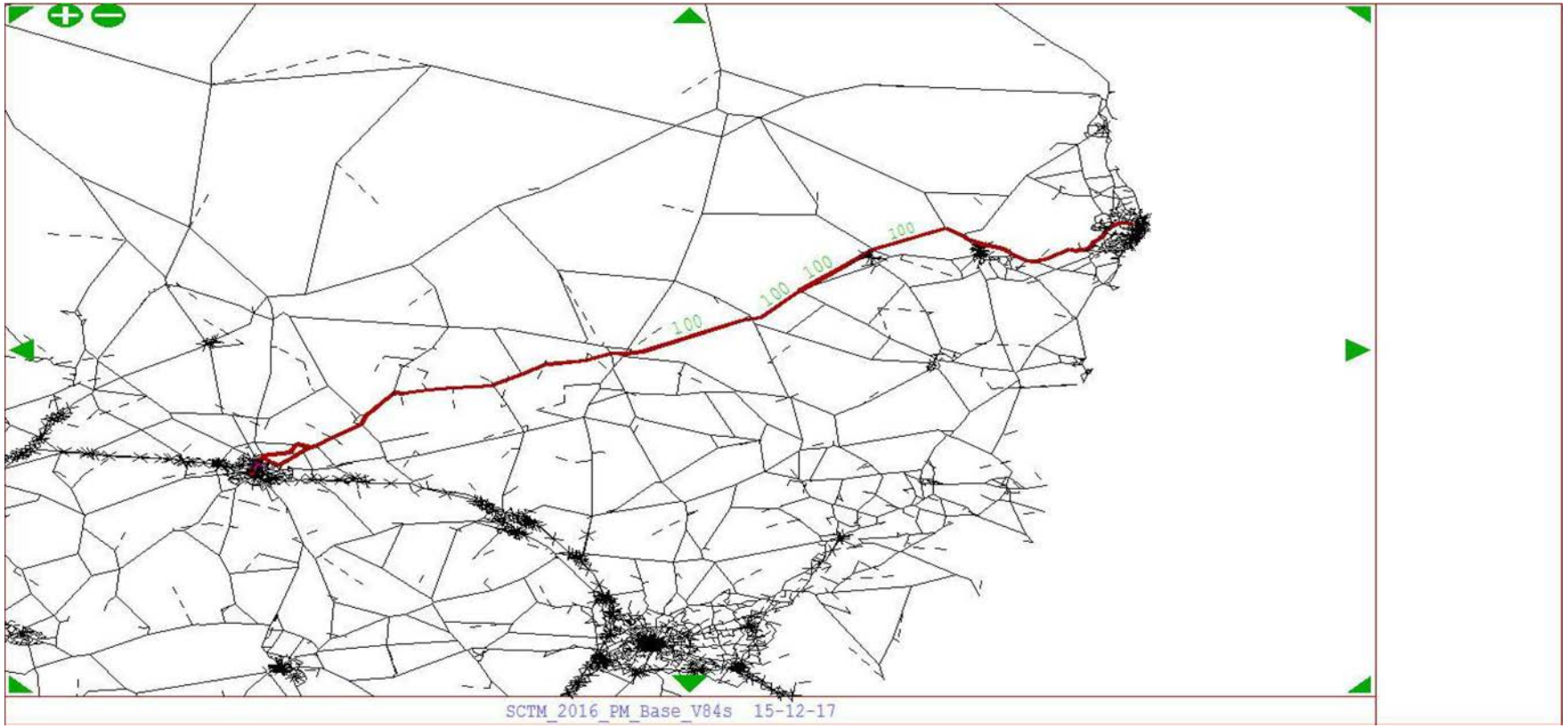
From Zone 412 To Zone 146 - User Class 1



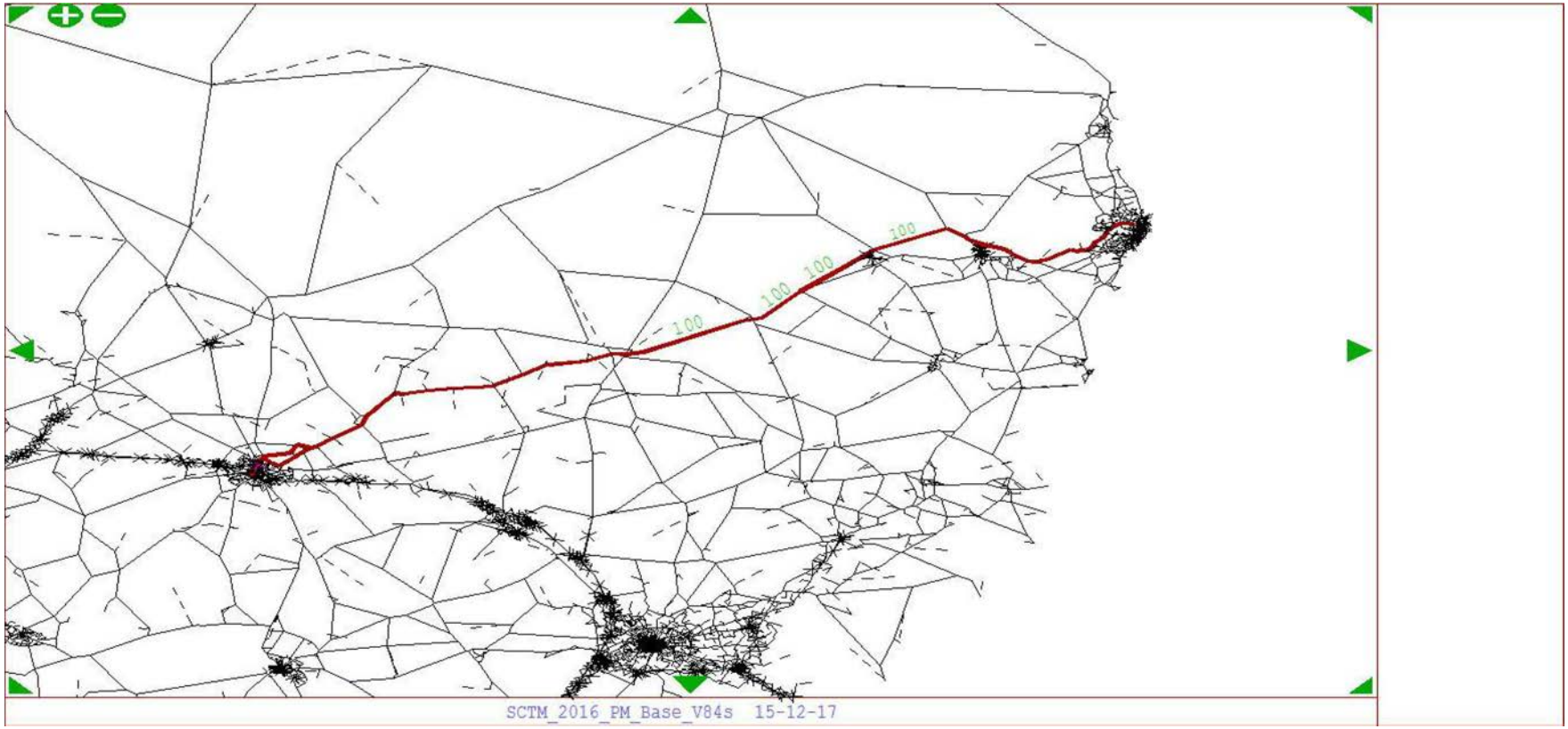
From Zone 412 To Zone 146 - User Class 10



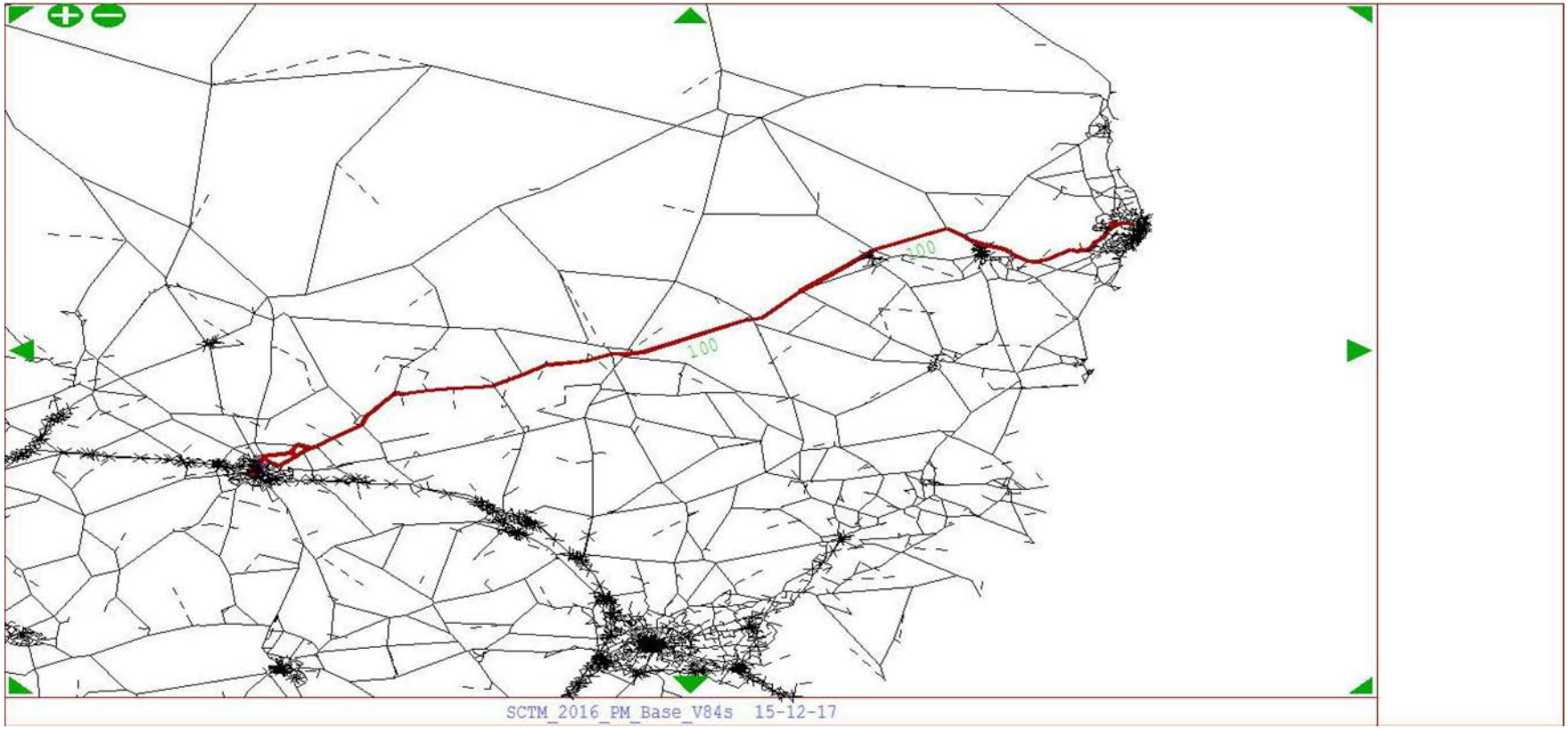
From Zone 287 To Zone 412 - User Class 1



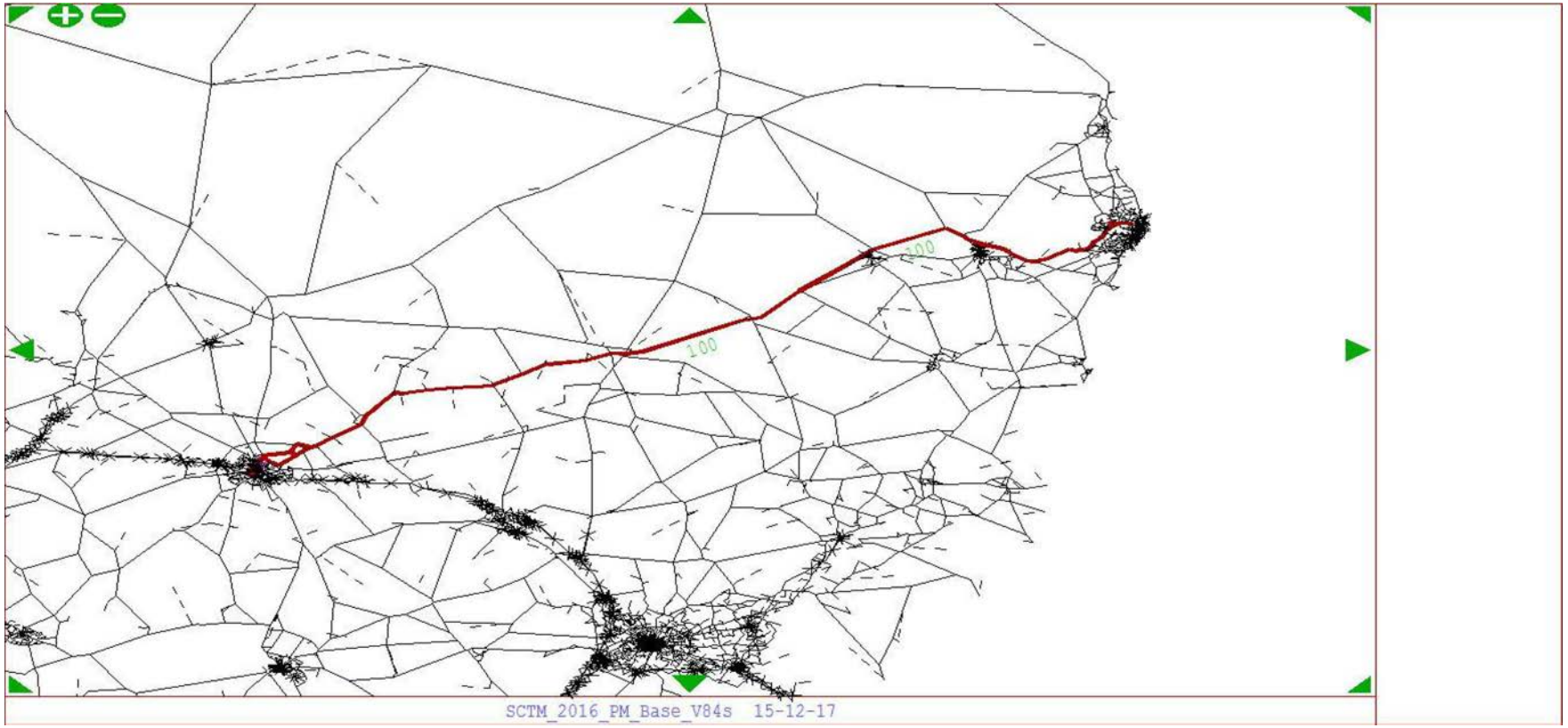
From Zone 287 To Zone 412 - User Class 10



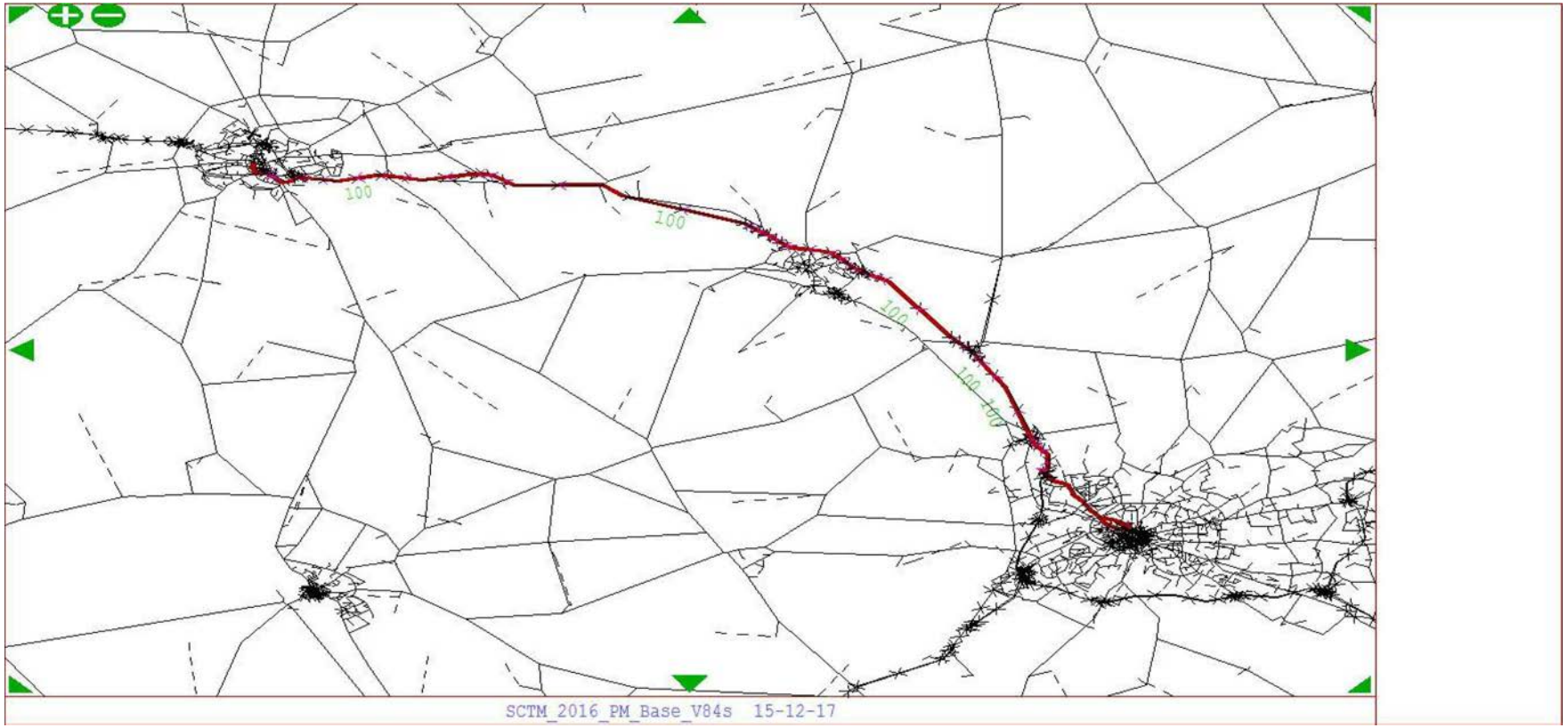
From Zone 412 To Zone 287 - User Class 1



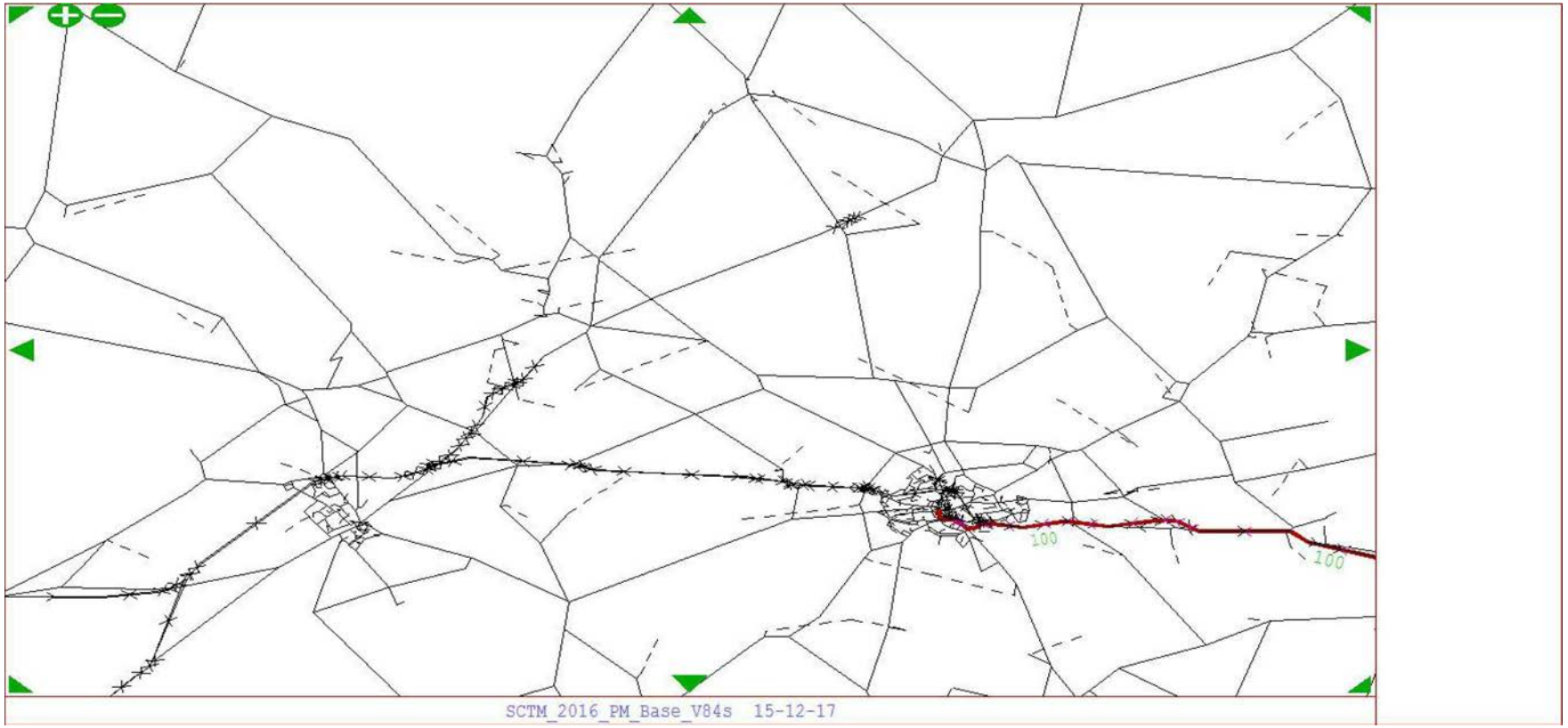
From Zone 412 To Zone 287 - User Class 10



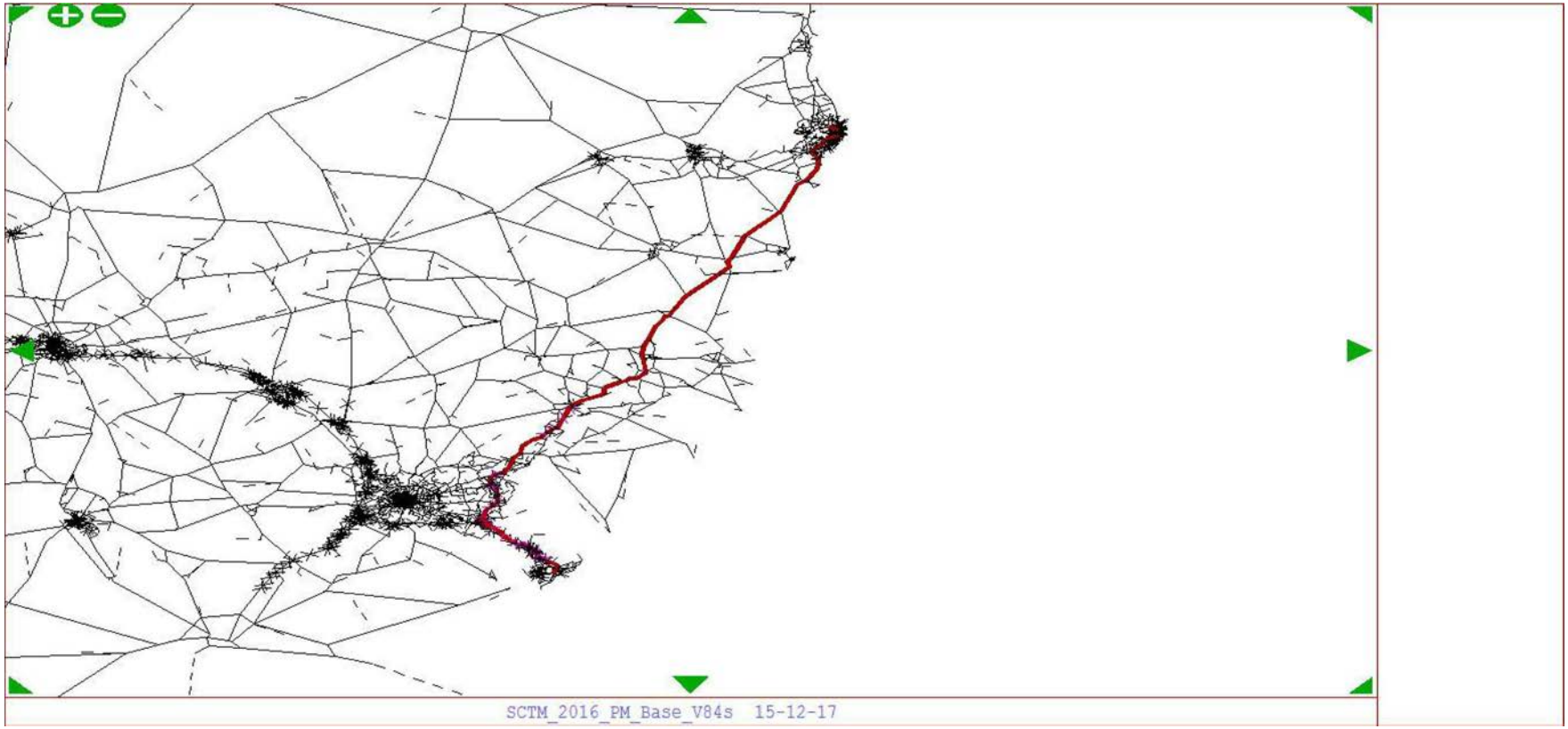
From Zone 146 To Zone 287 - User Class 1



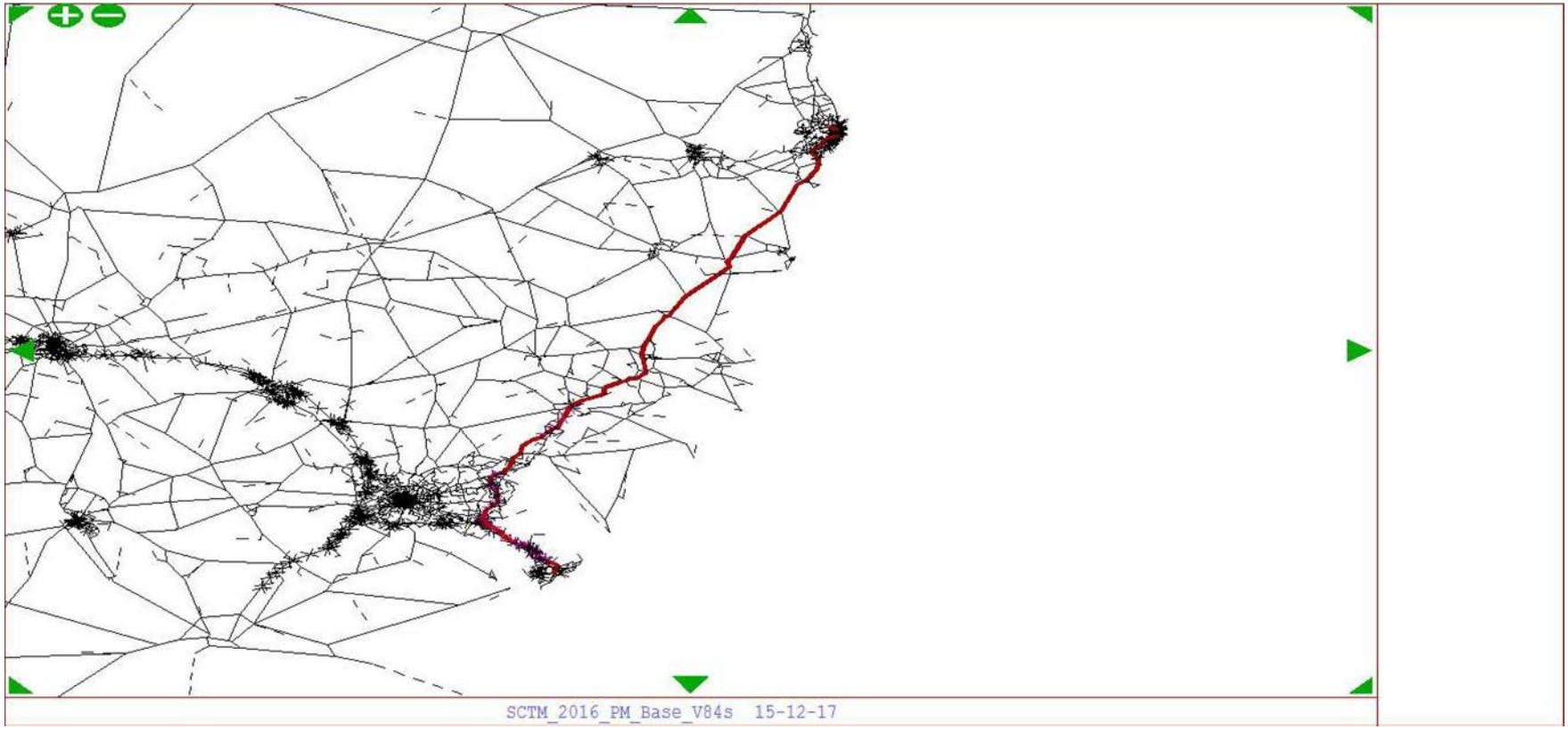
From Zone 146 To Zone 287 - User Class 10



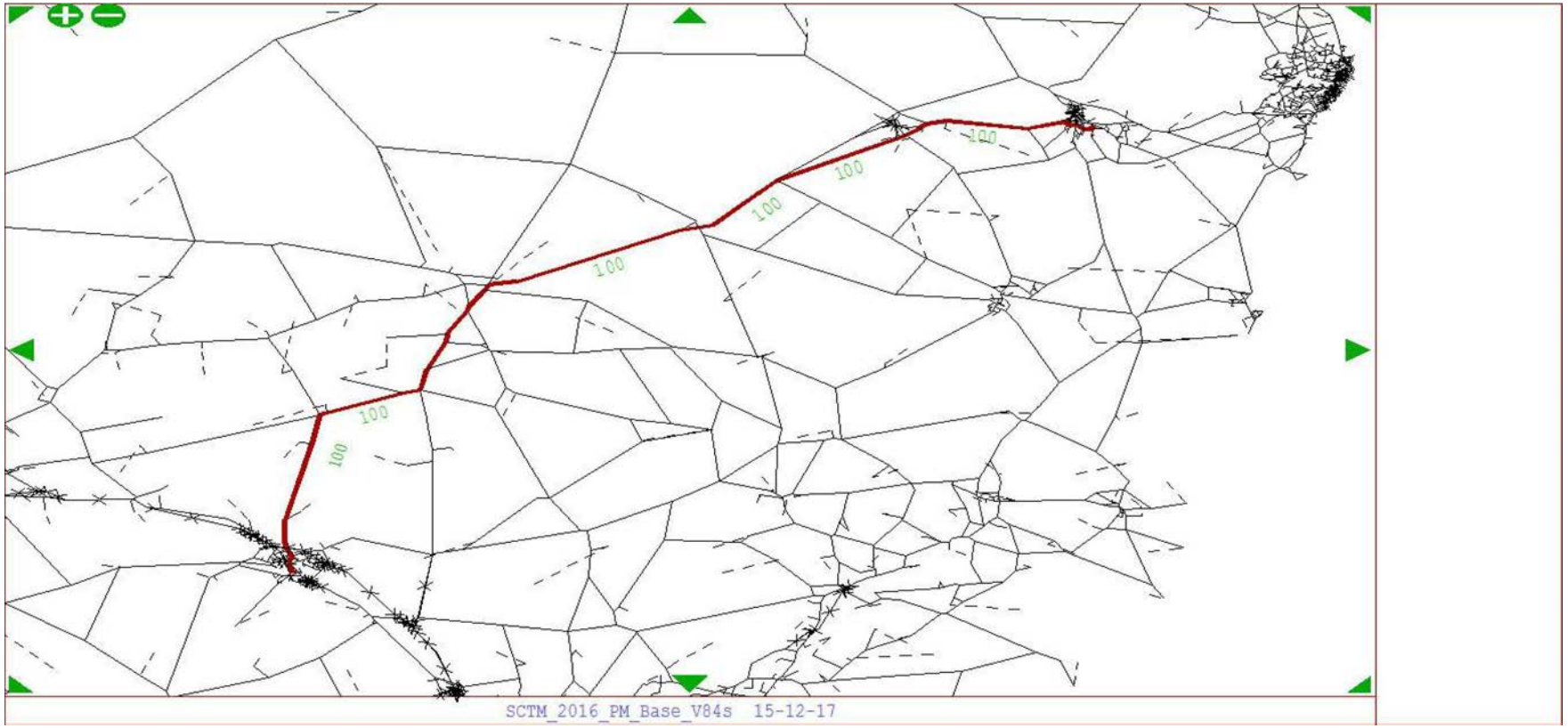
From Zone 391 To Zone 412 - User Class 1



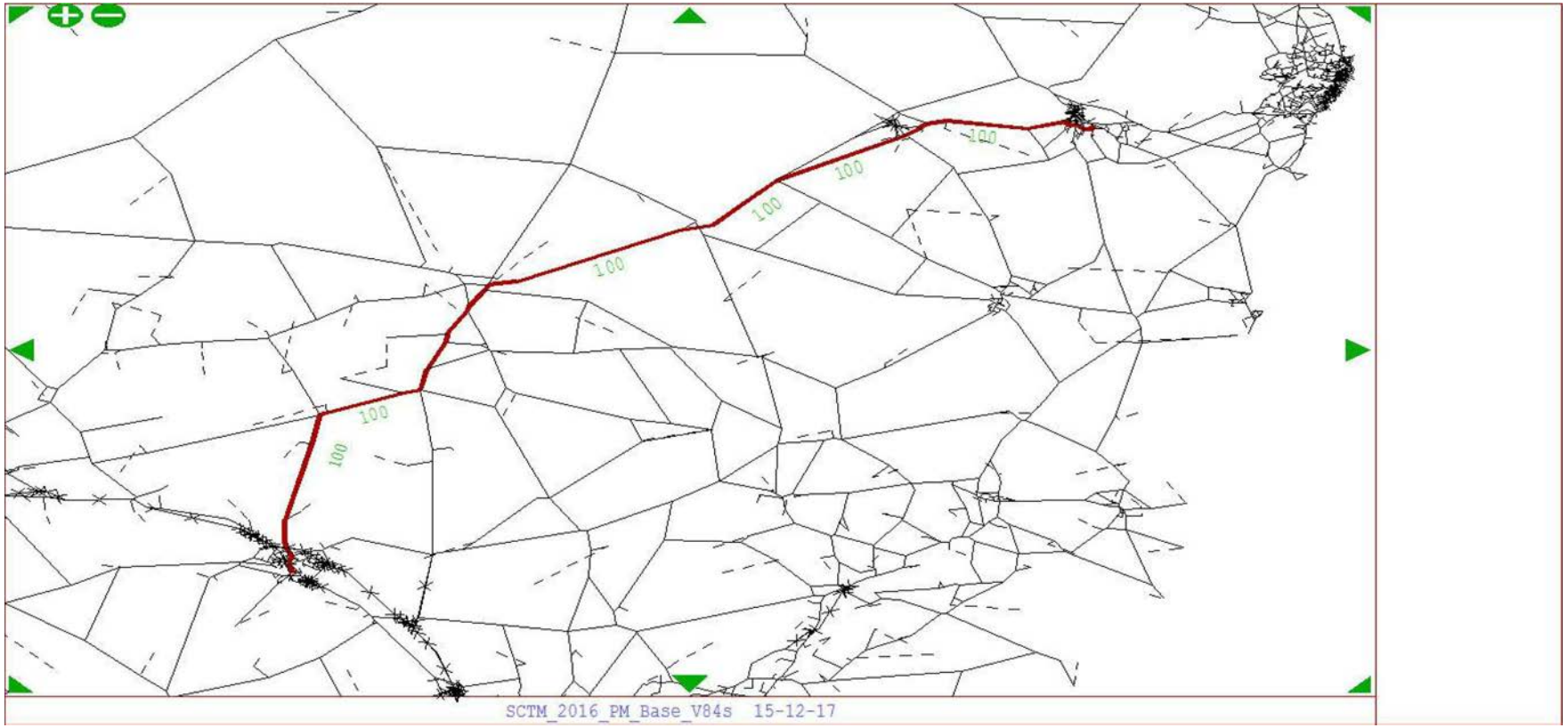
From Zone 391 To Zone 412 - User Class 10



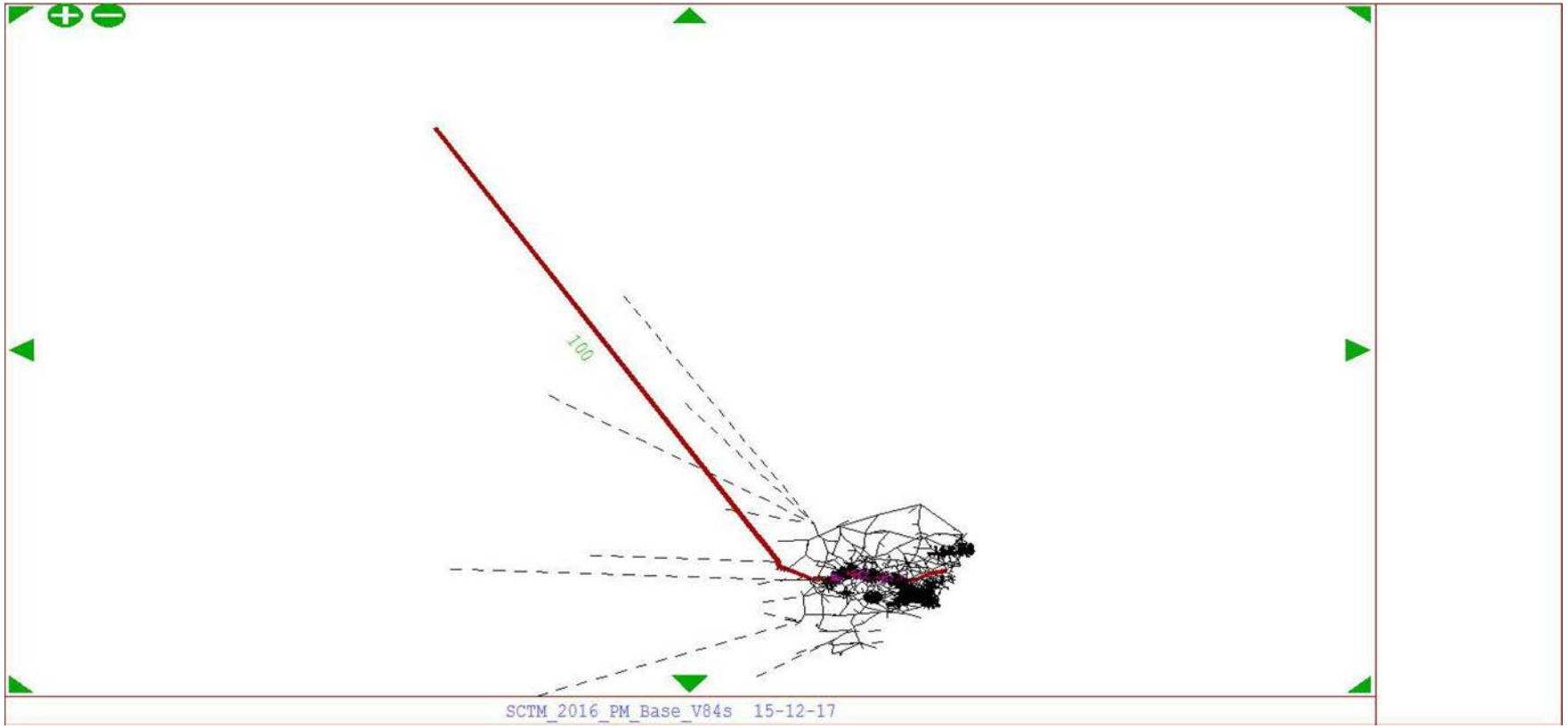
From Zone 455 To Zone 238 - User Class 1



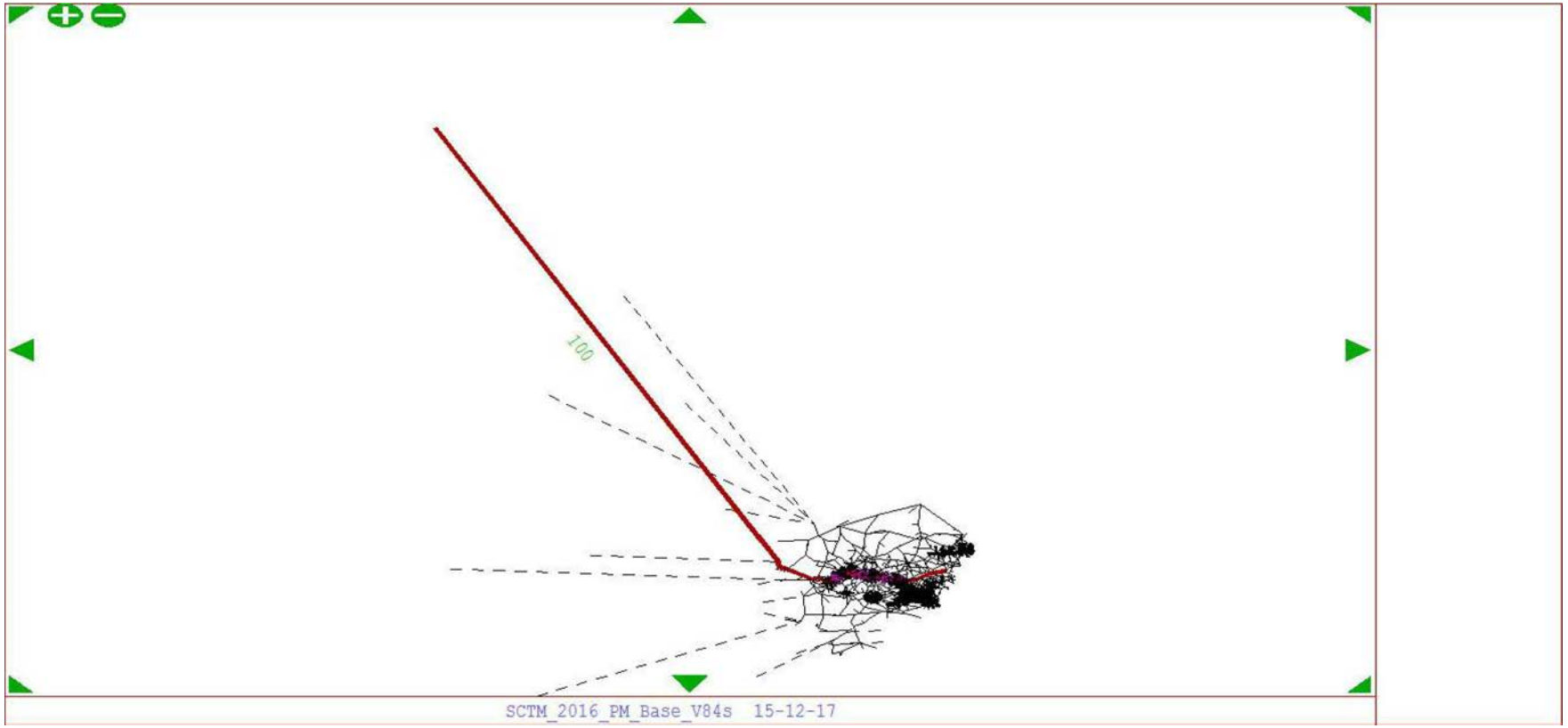
From Zone 455 To Zone 238 - User Class 10



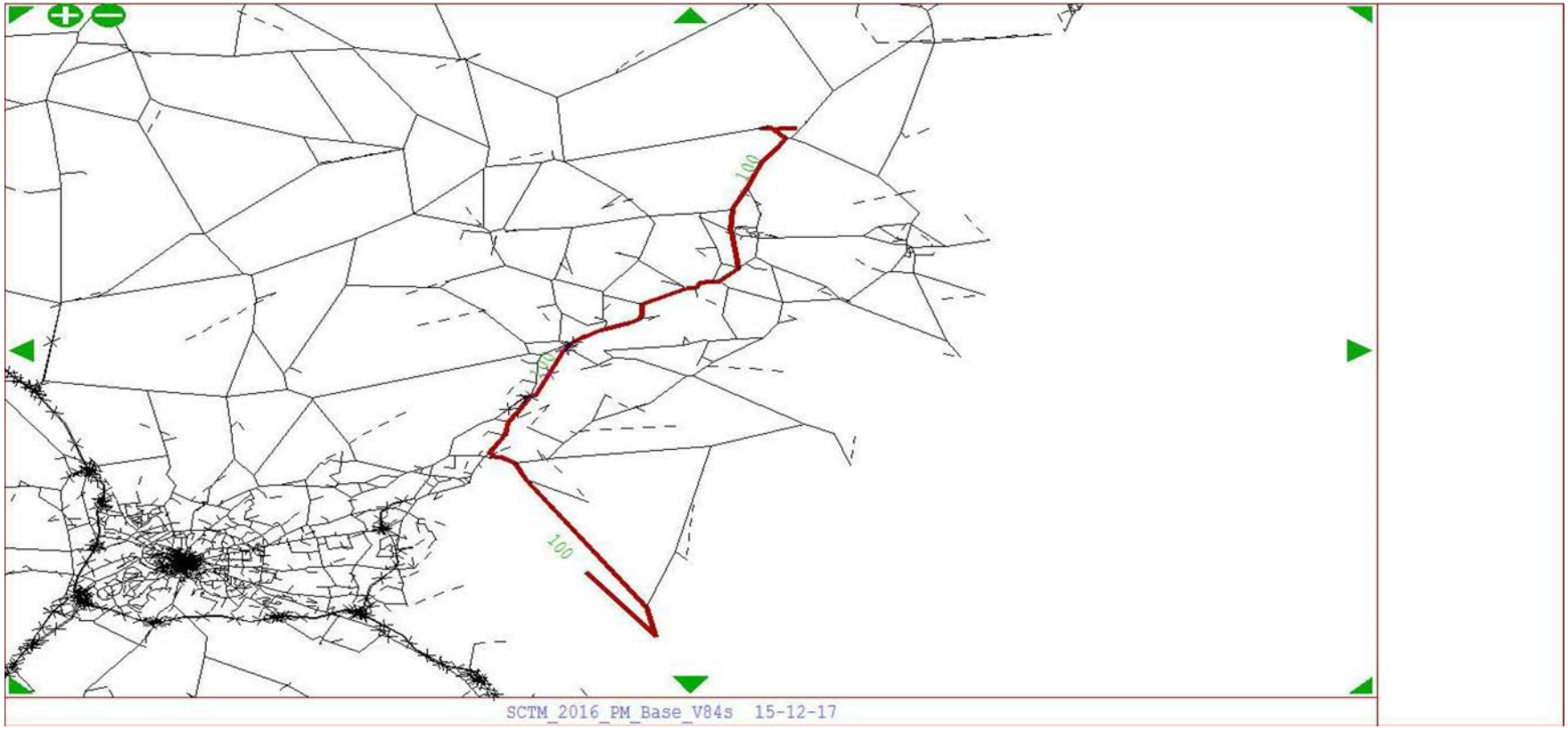
From Zone 332 To Zone 259 - User Class 1



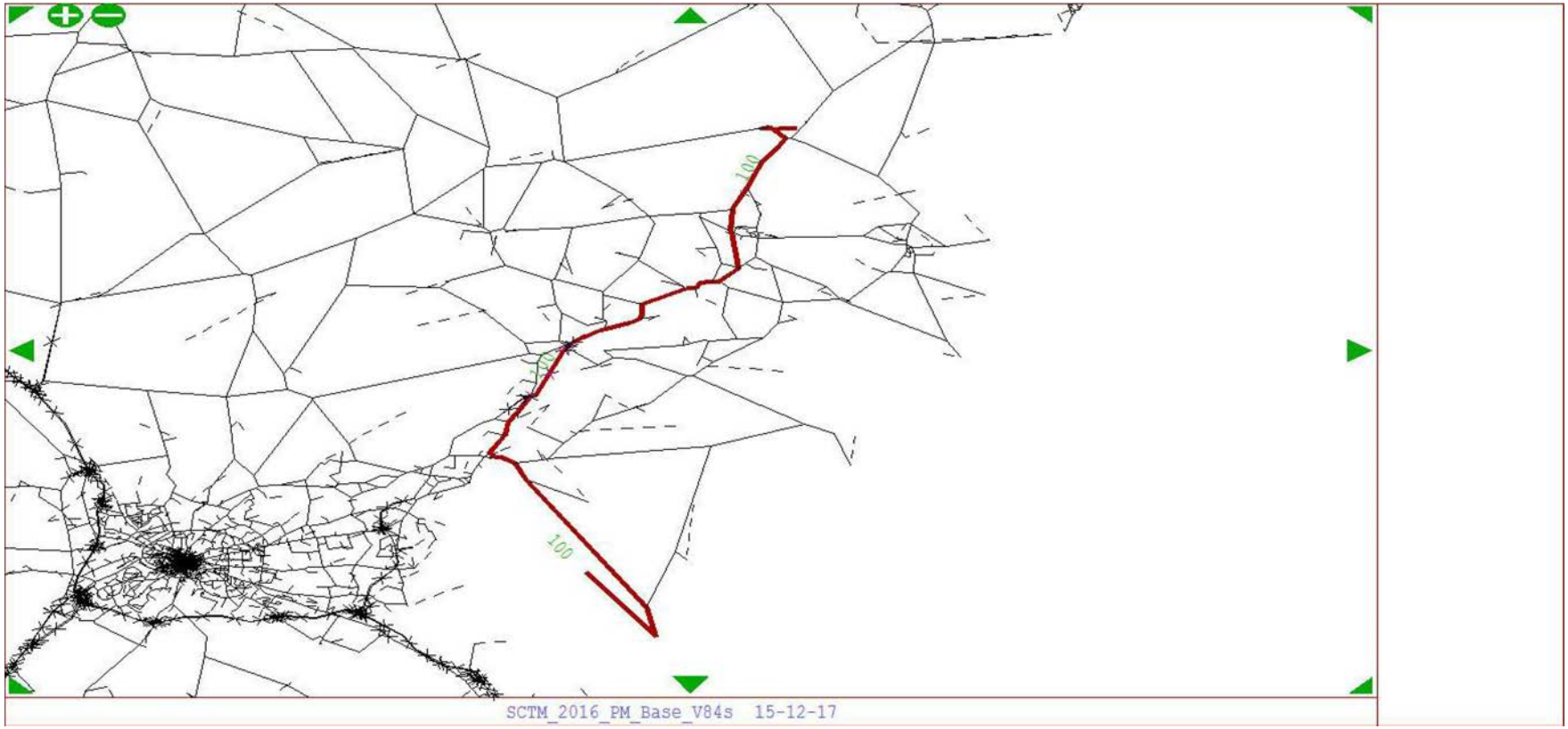
From Zone 332 To Zone 259 - User Class 10



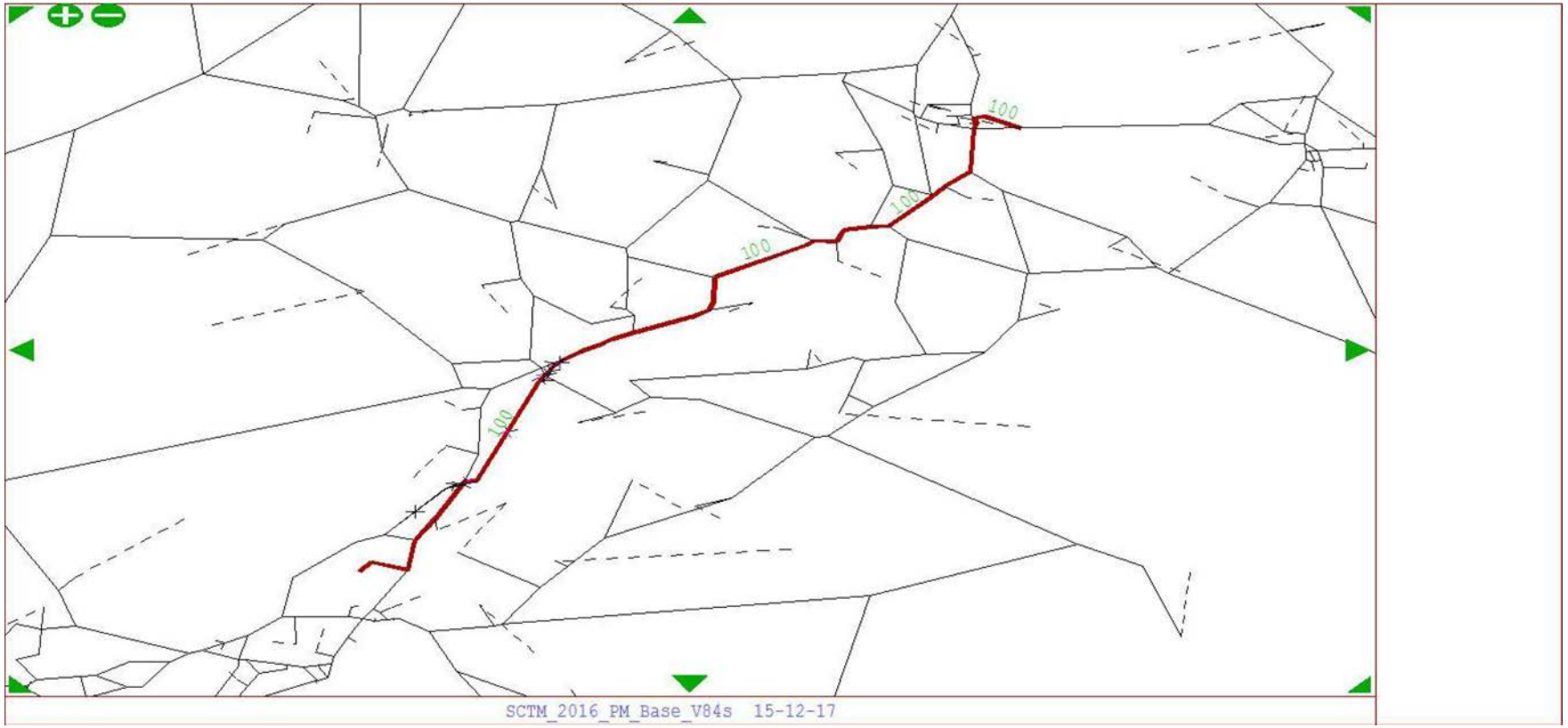
From Zone 359 To Zone 332 - User Class 1



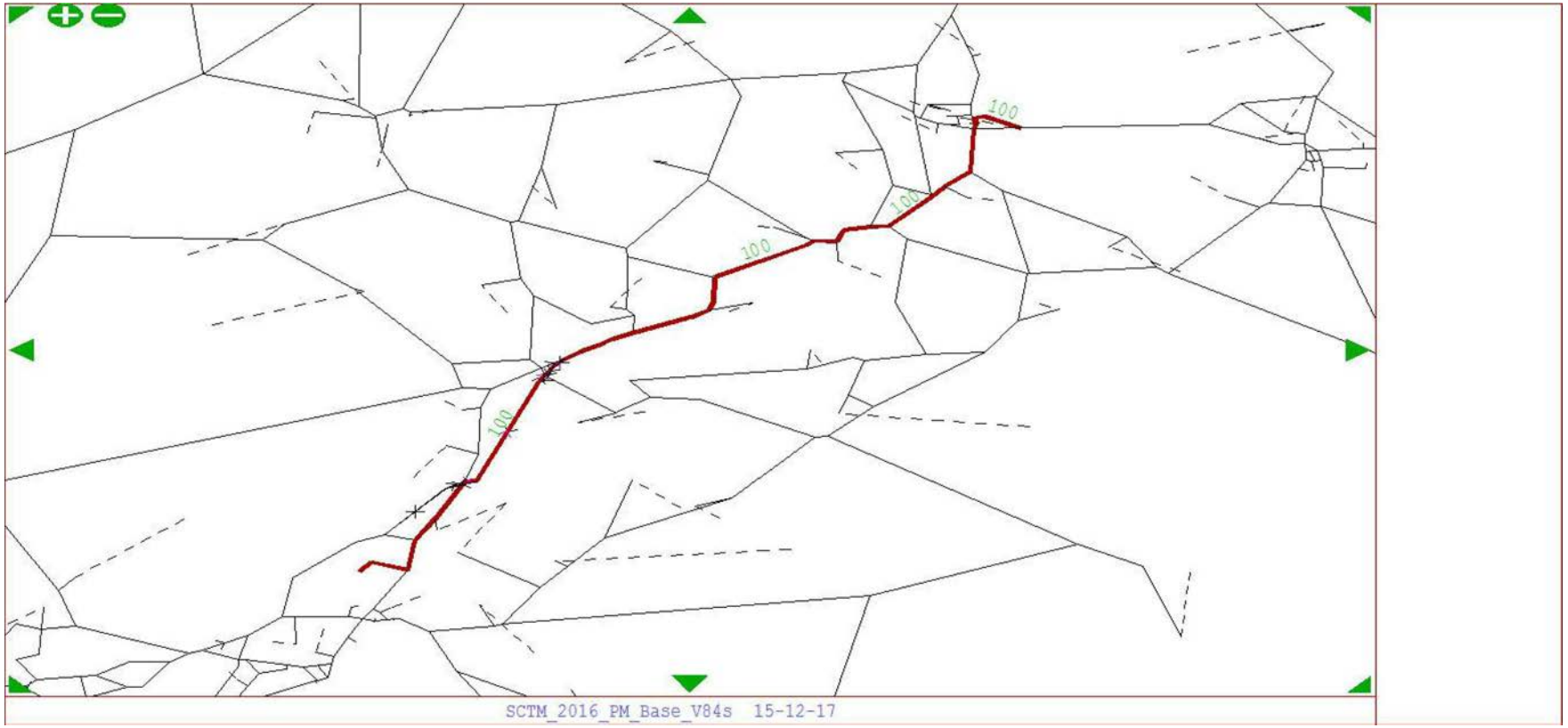
From Zone 359 To Zone 332 - User Class 10



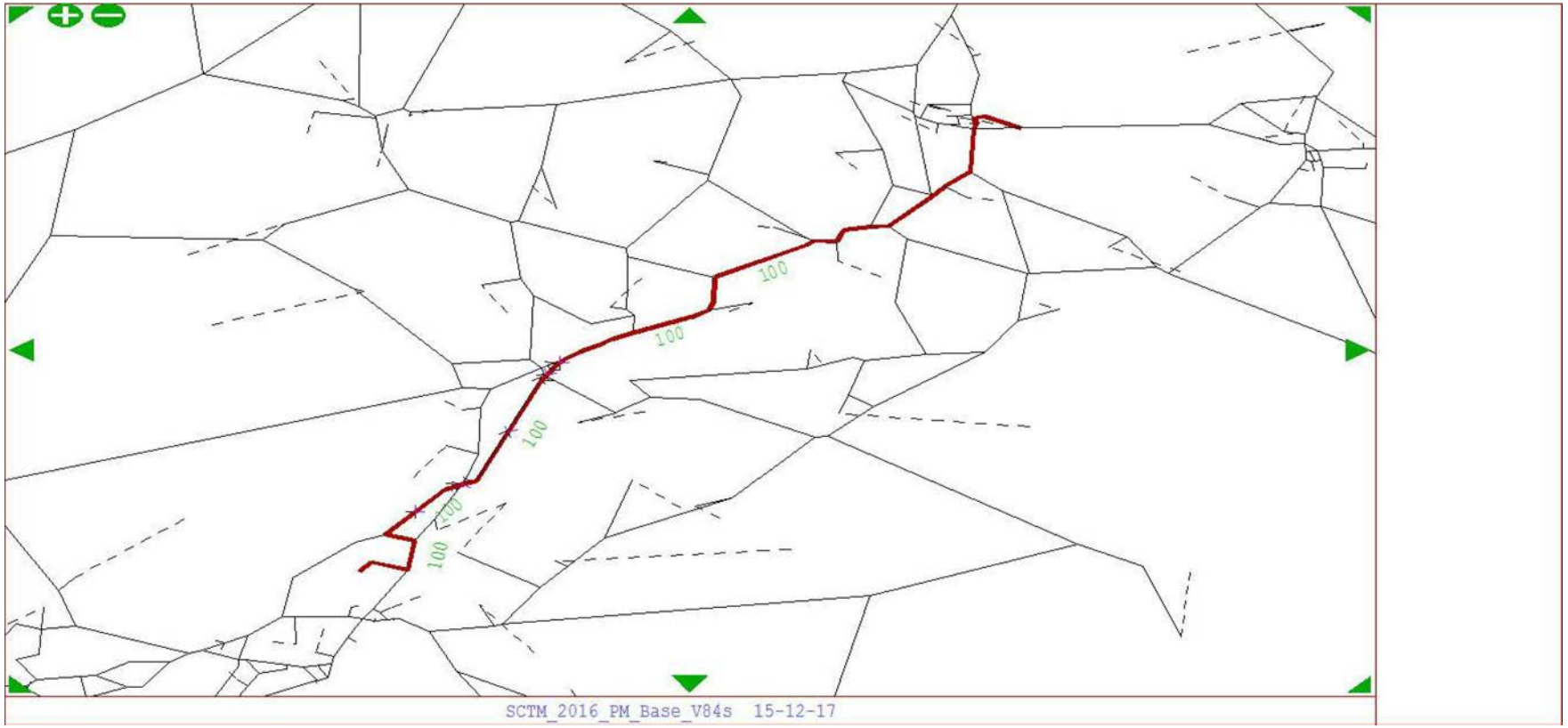
From Zone 348 To Zone 897 - User Class 1



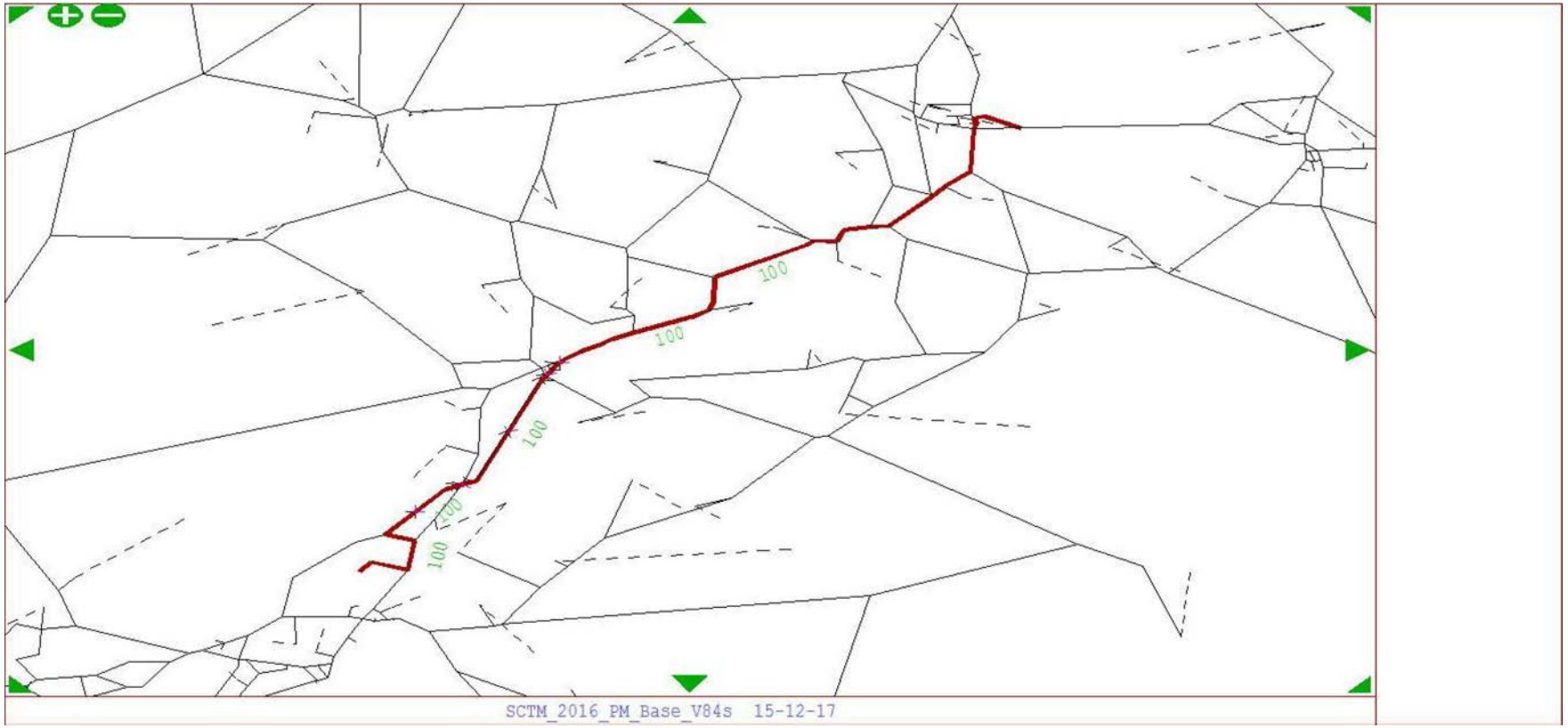
From Zone 348 To Zone 897 - User Class 10



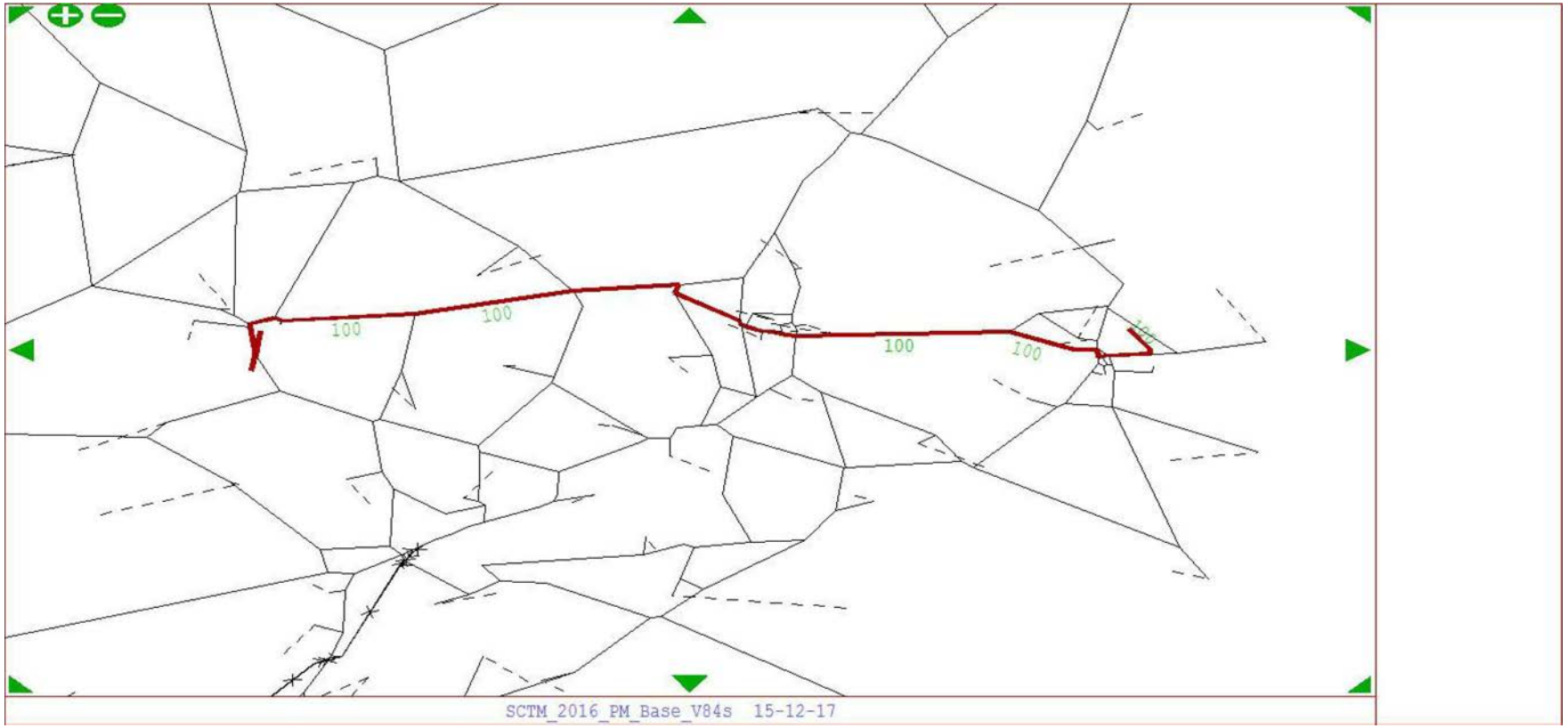
From Zone 897 To Zone 348 - User Class 1



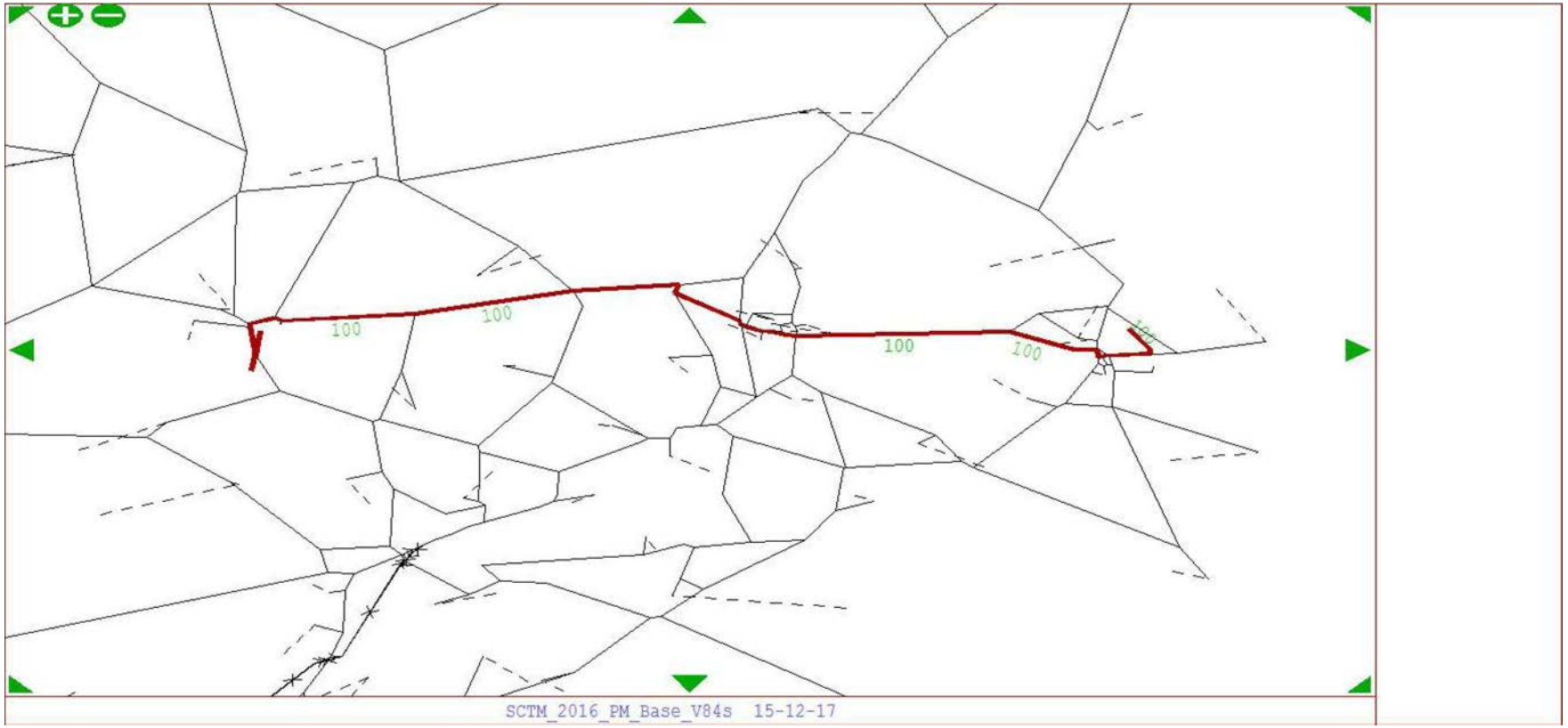
From Zone 897 To Zone 348 - User Class 10



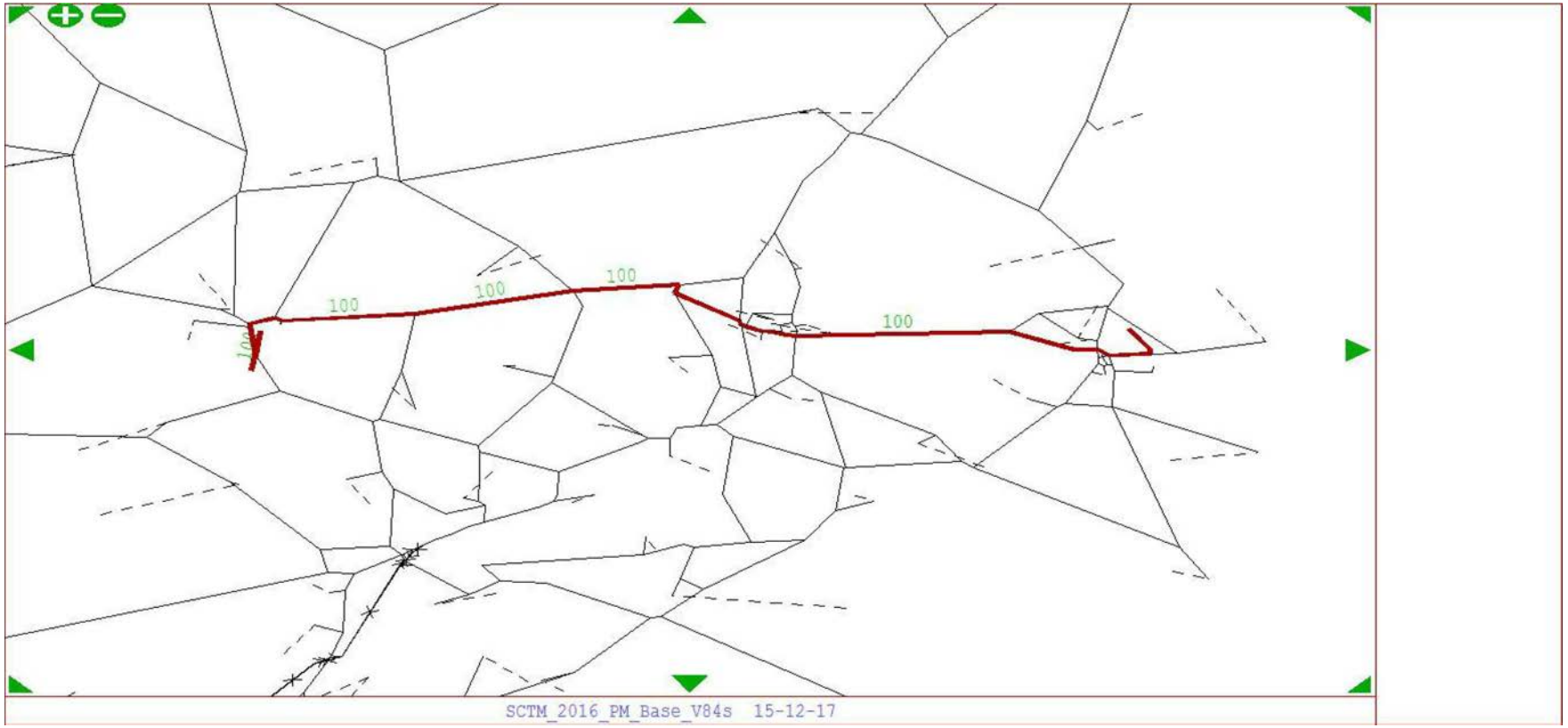
From Zone 902 To Zone 895 - User Class 1



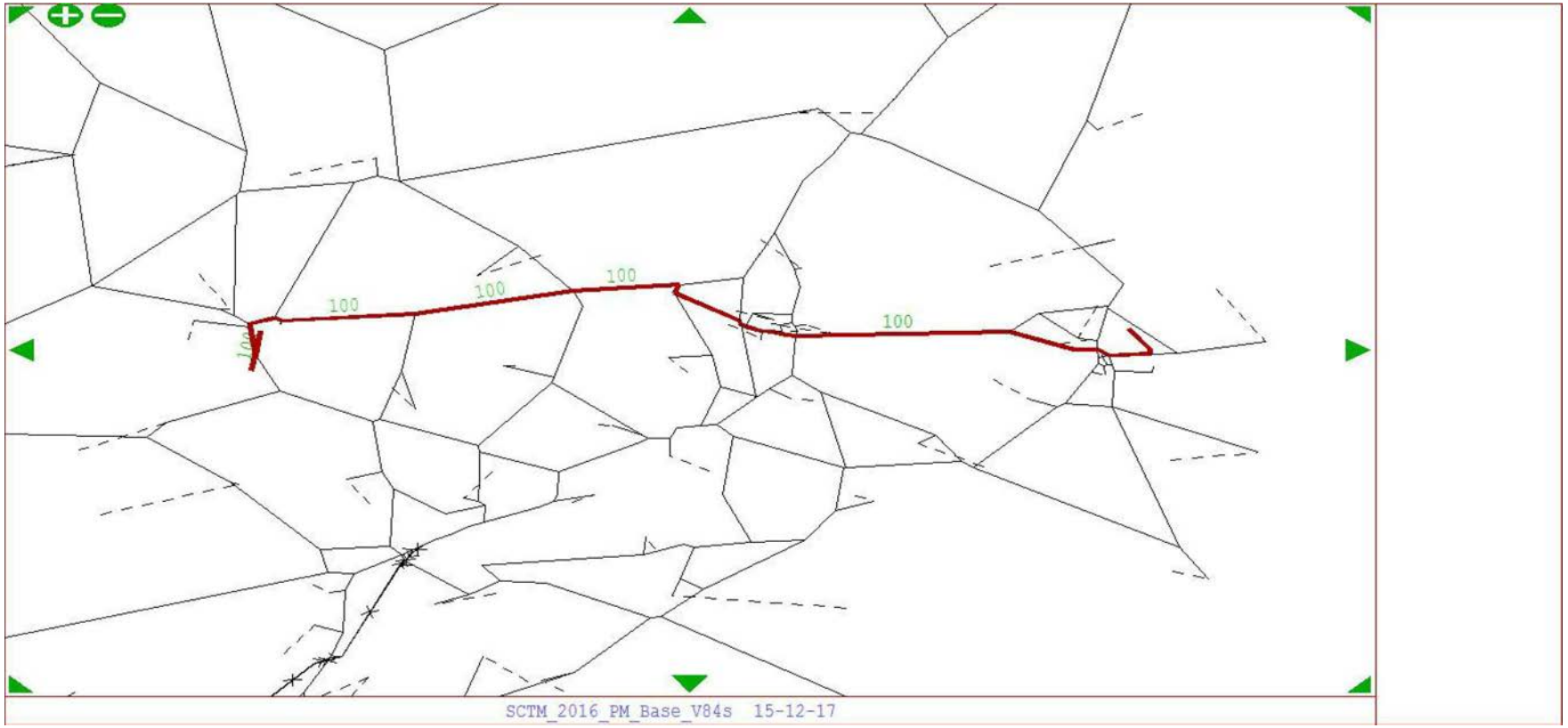
From Zone 902 To Zone 895 - User Class 10



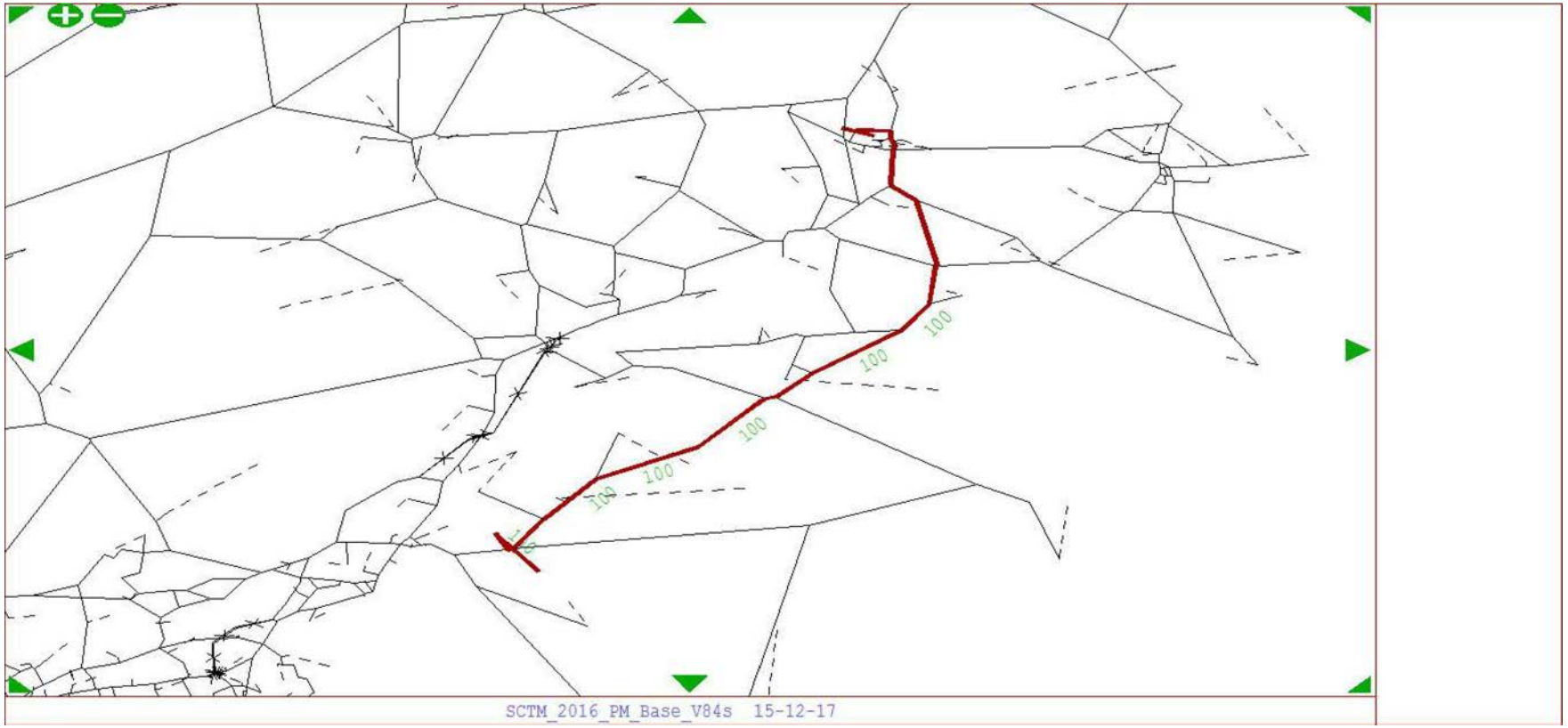
From Zone 895 To Zone 902 - User Class 1



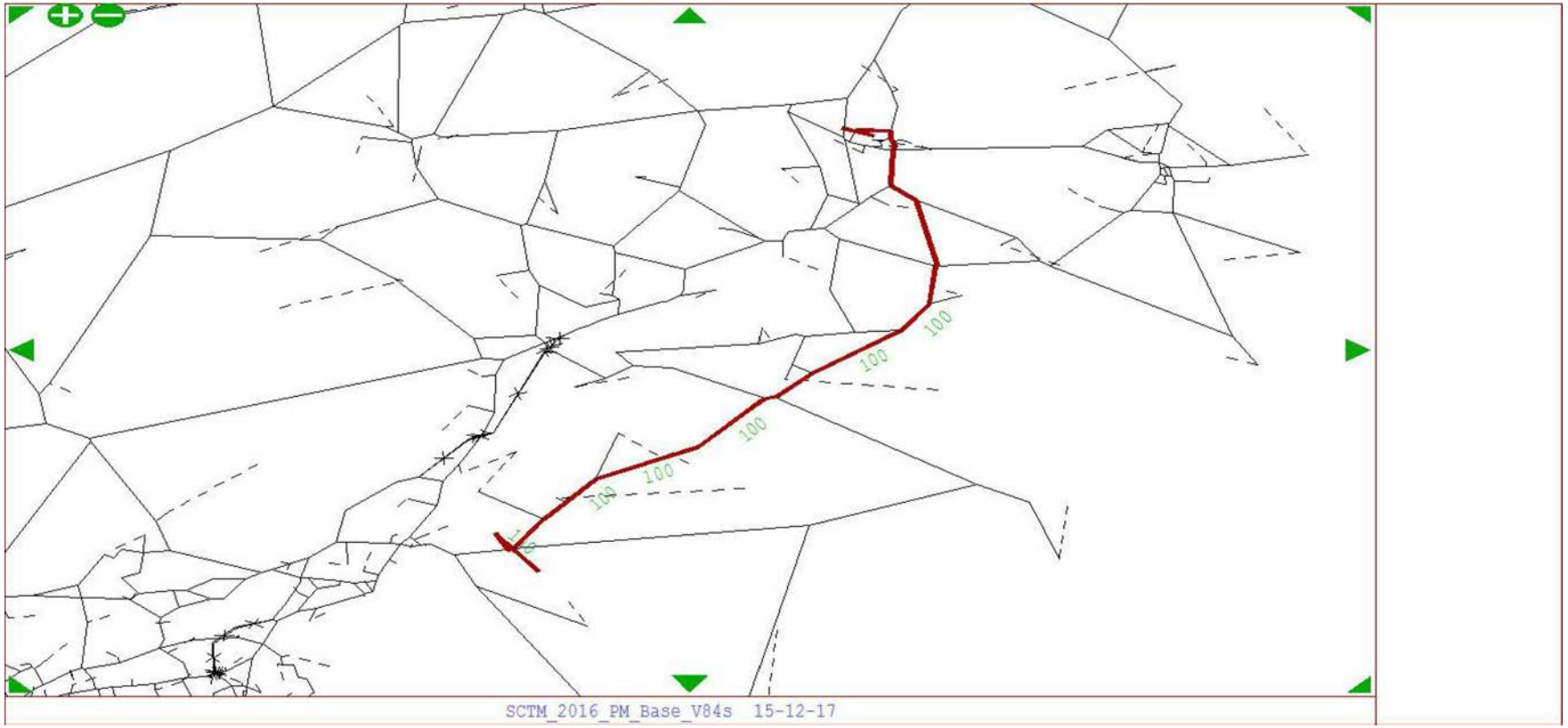
From Zone 895 To Zone 902 - User Class 10



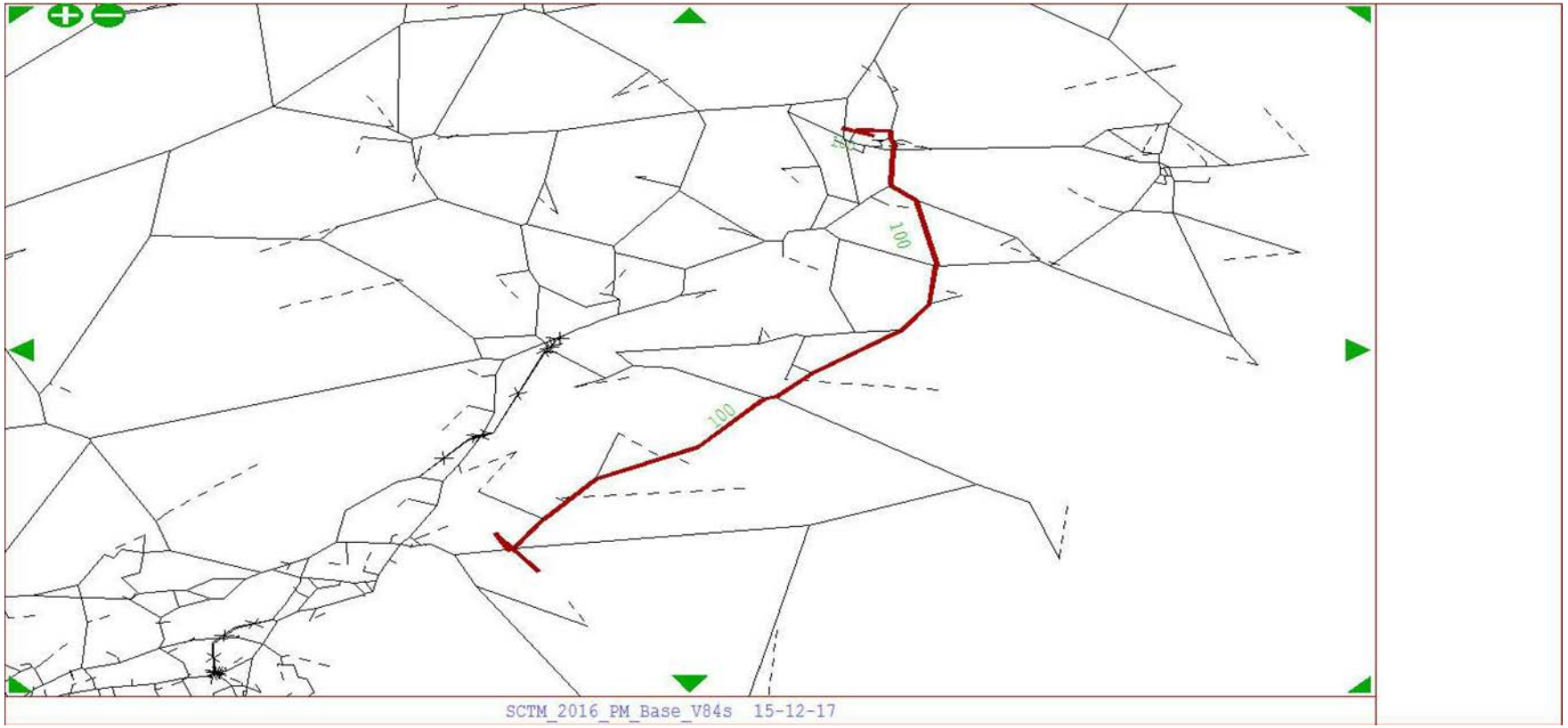
From Zone 896 To Zone 356 - User Class 1



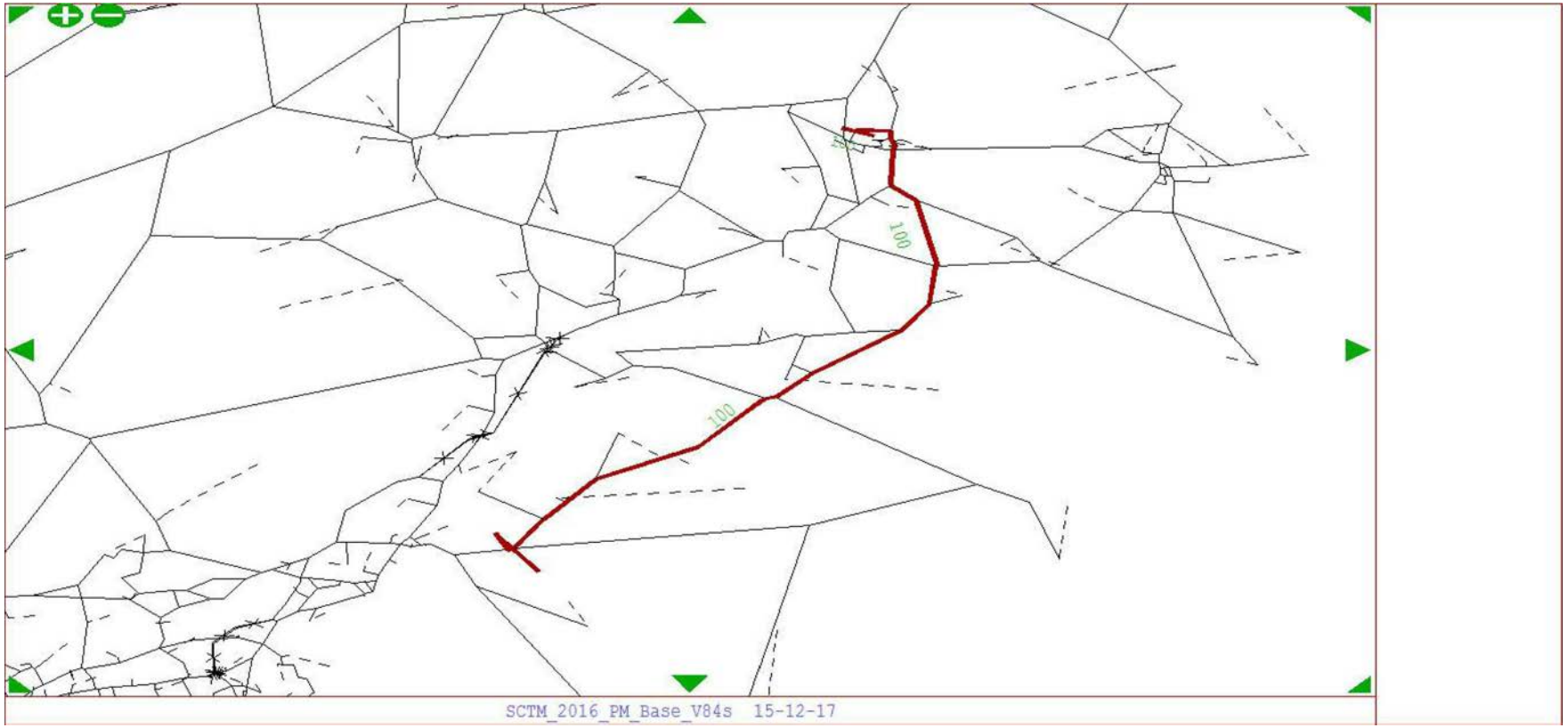
From Zone 896 To Zone 356 - User Class 10



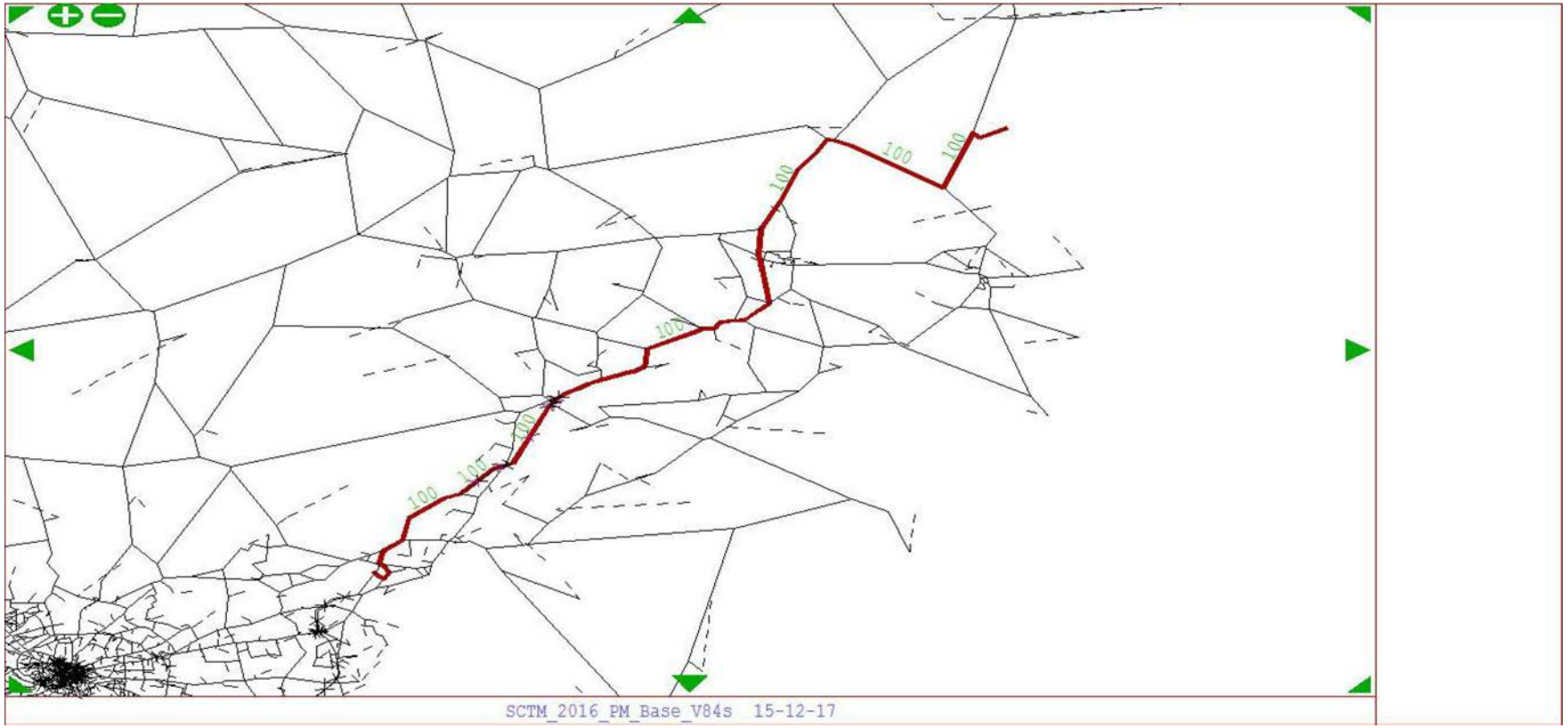
From Zone 356 To Zone 896 - User Class 1



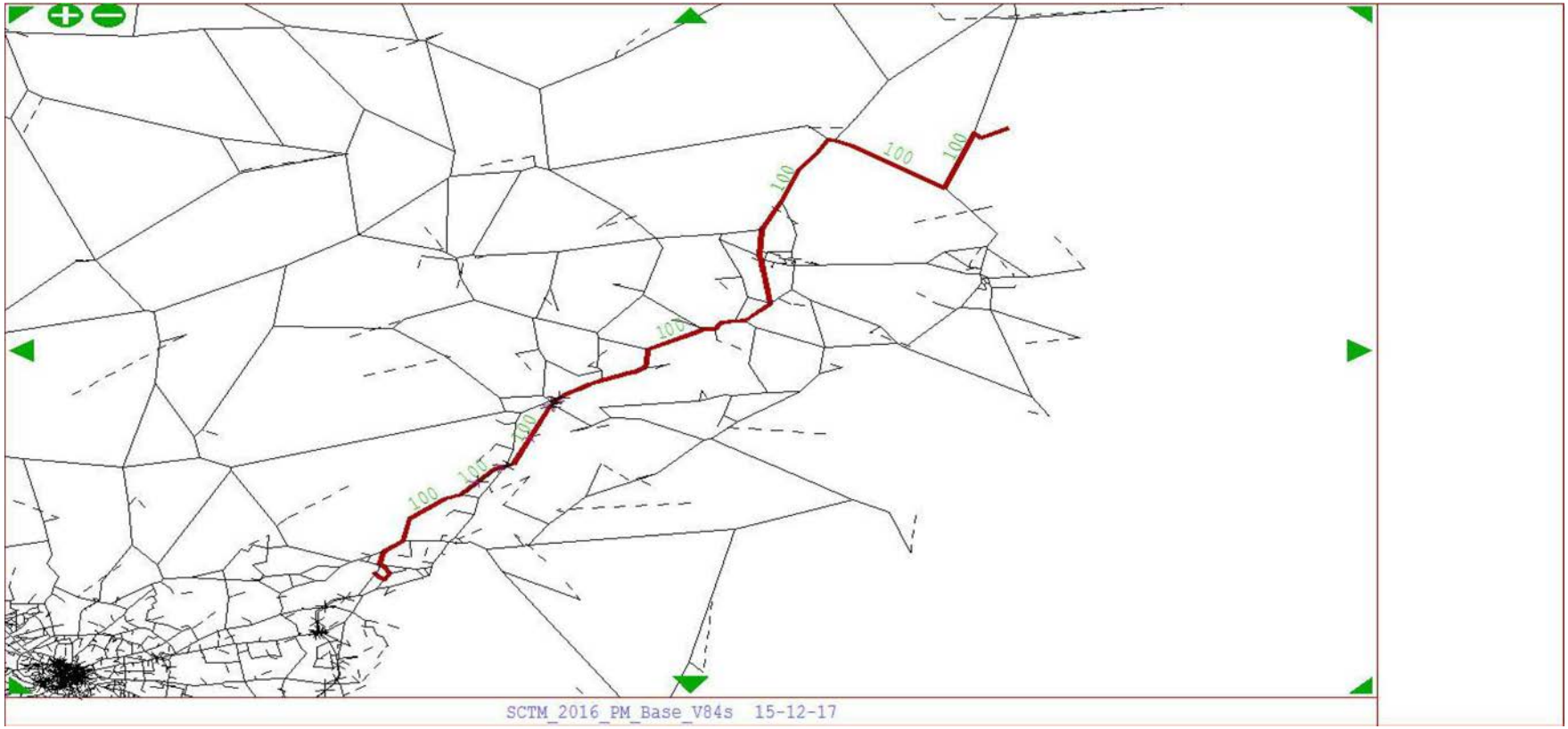
From Zone 356 To Zone 896 - User Class 10



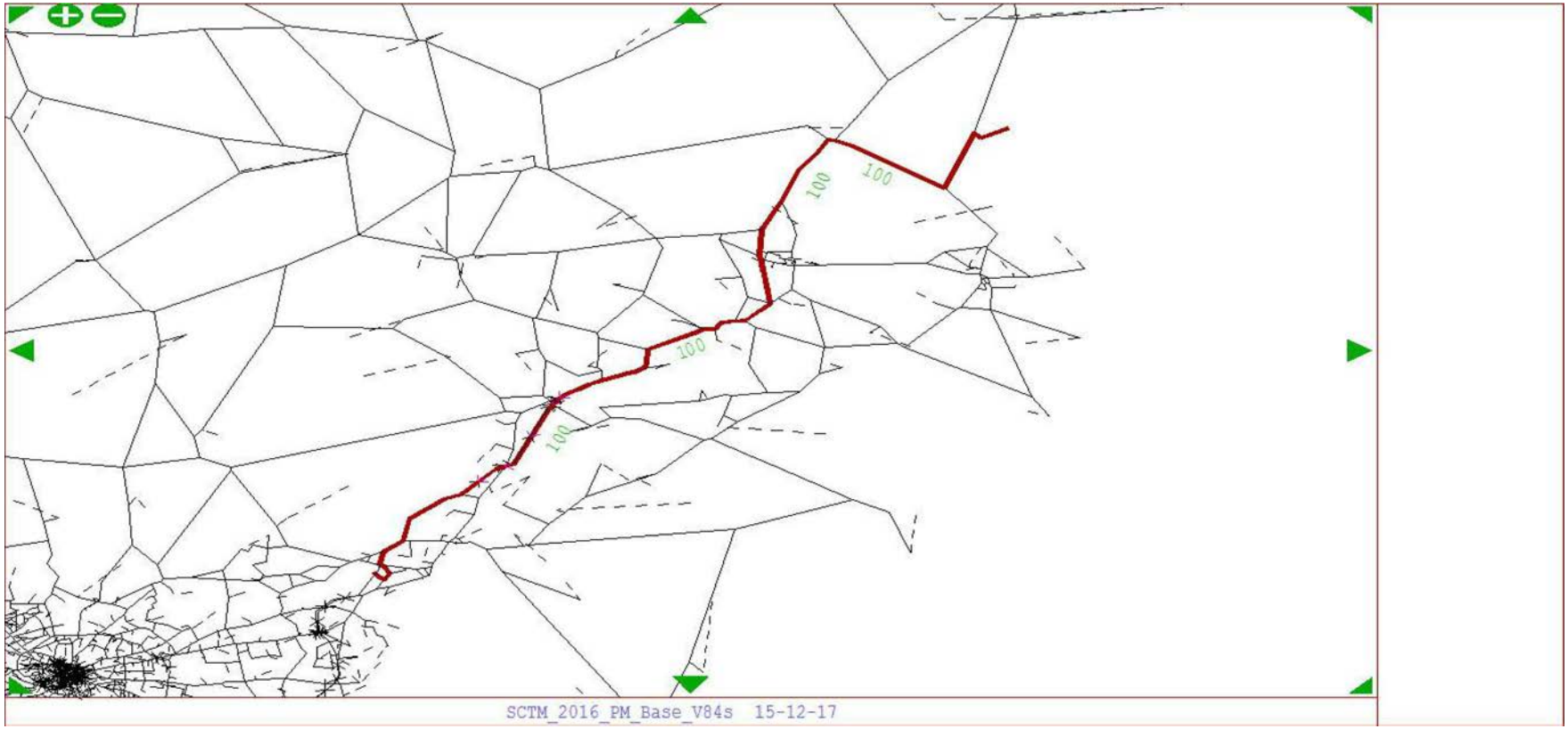
From Zone 362 To Zone 572 - User Class 1



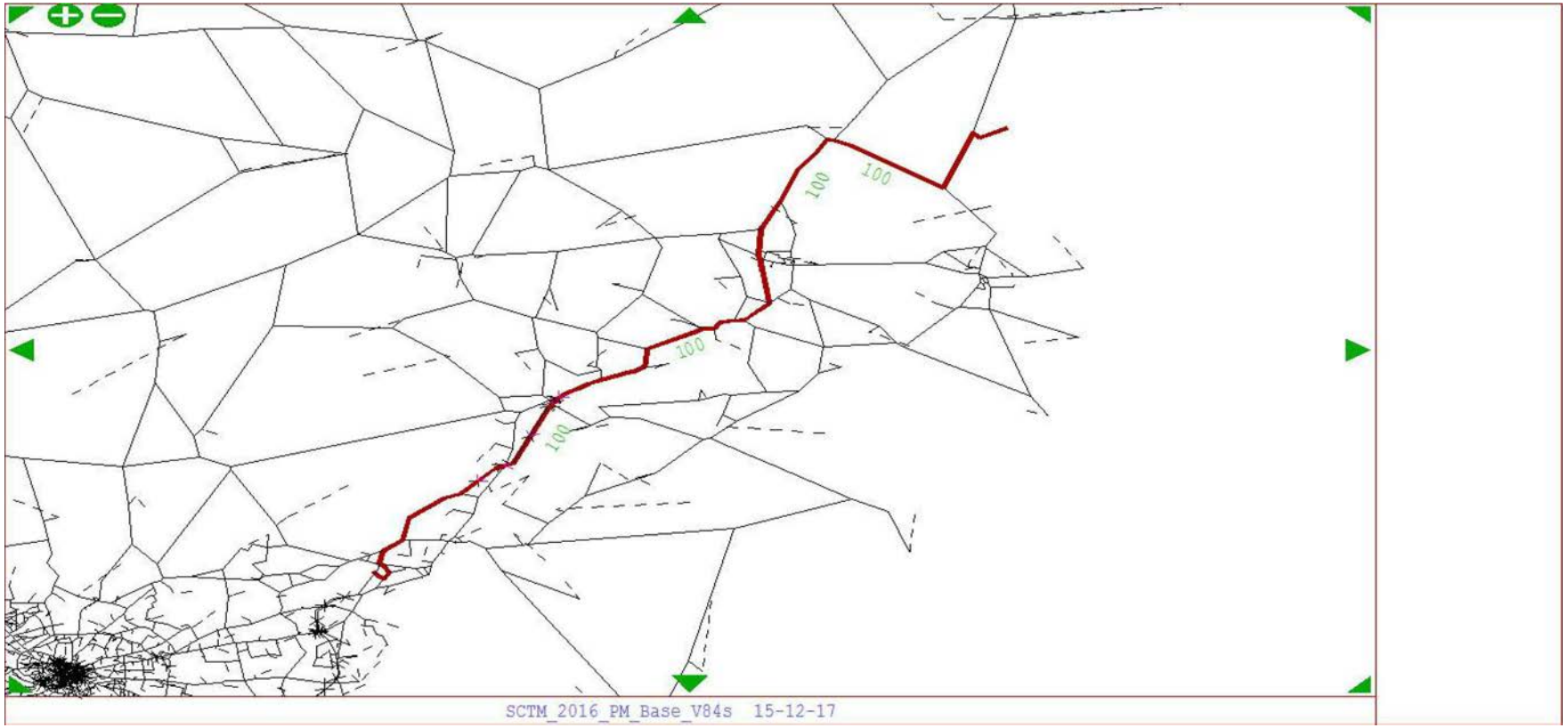
From Zone 362 To Zone 572 - User Class 10



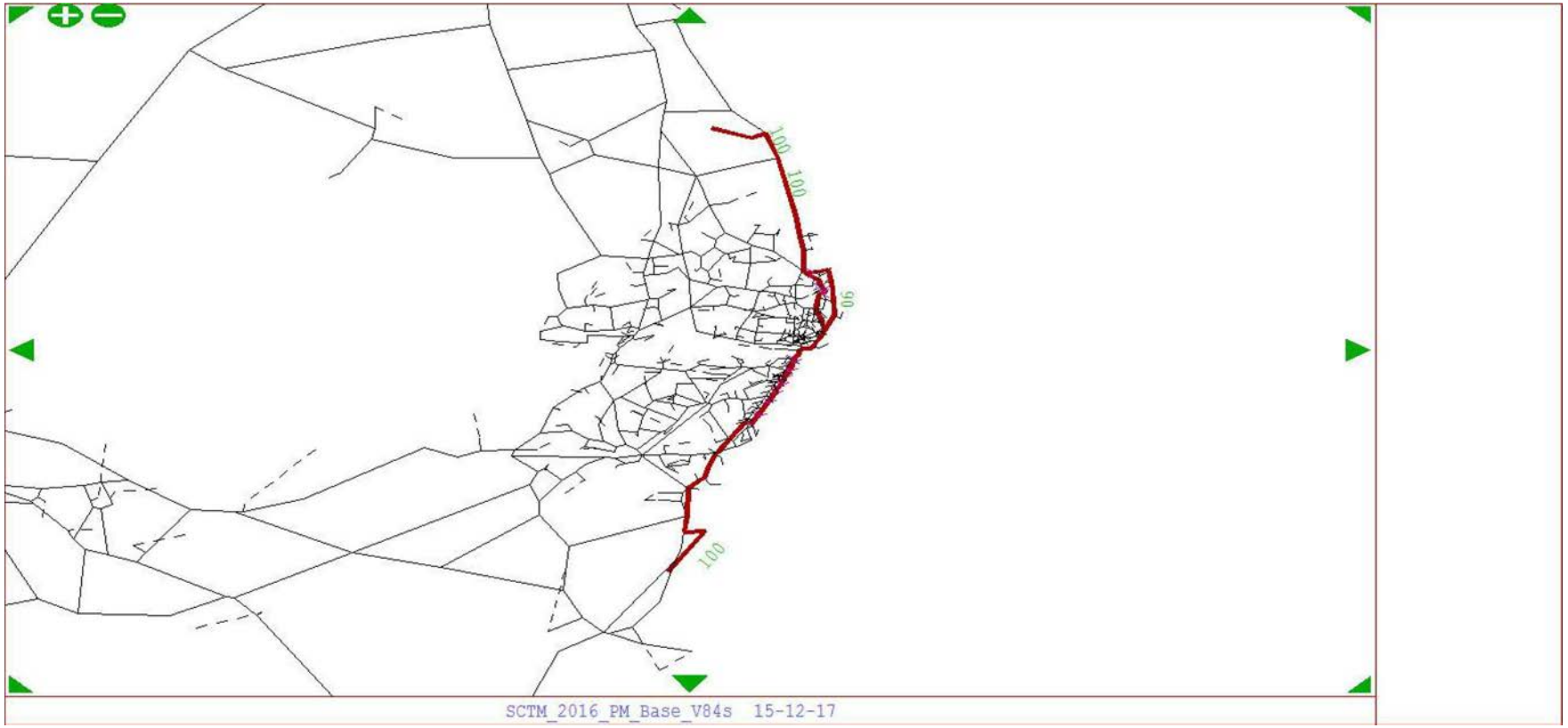
From Zone 572 To Zone 362 - User Class 1



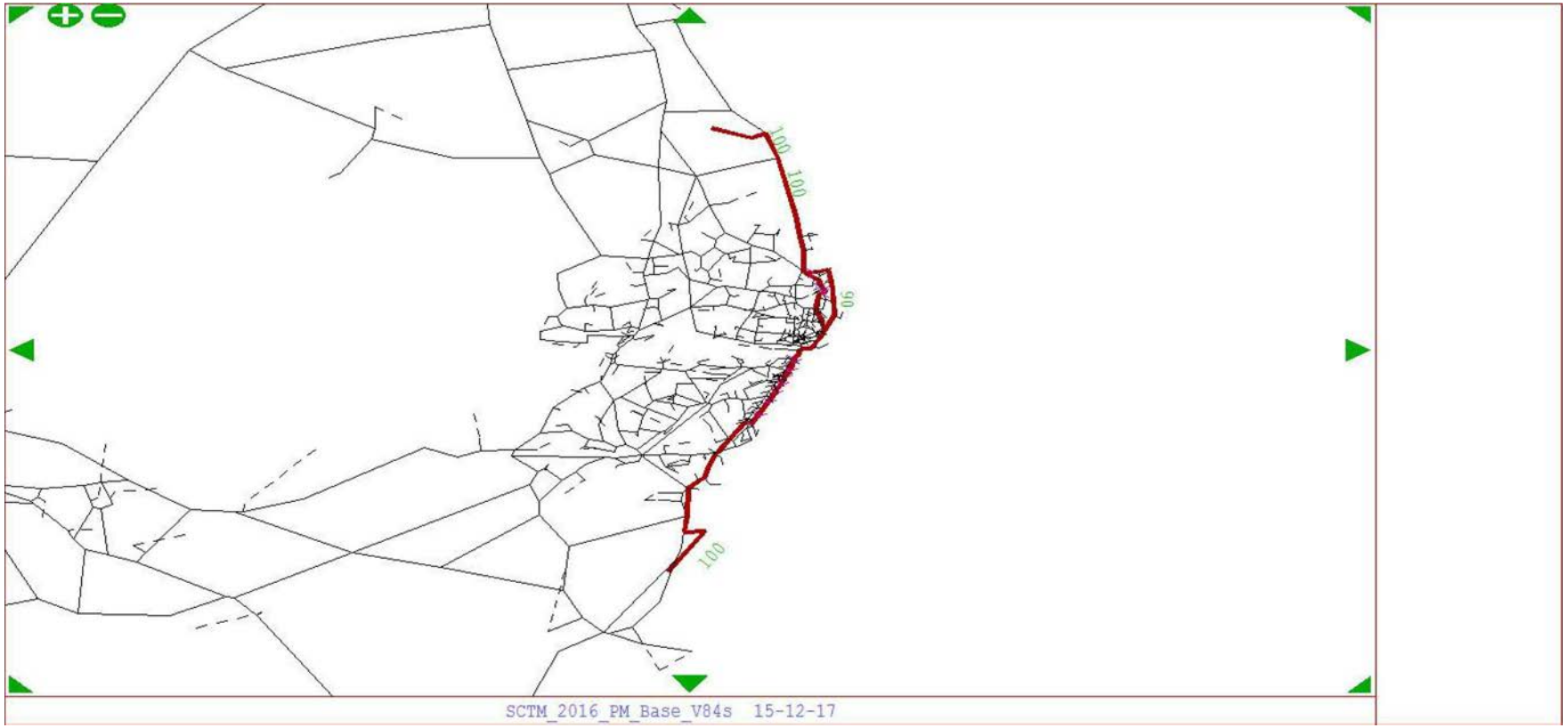
From Zone 572 To Zone 362 - User Class 10



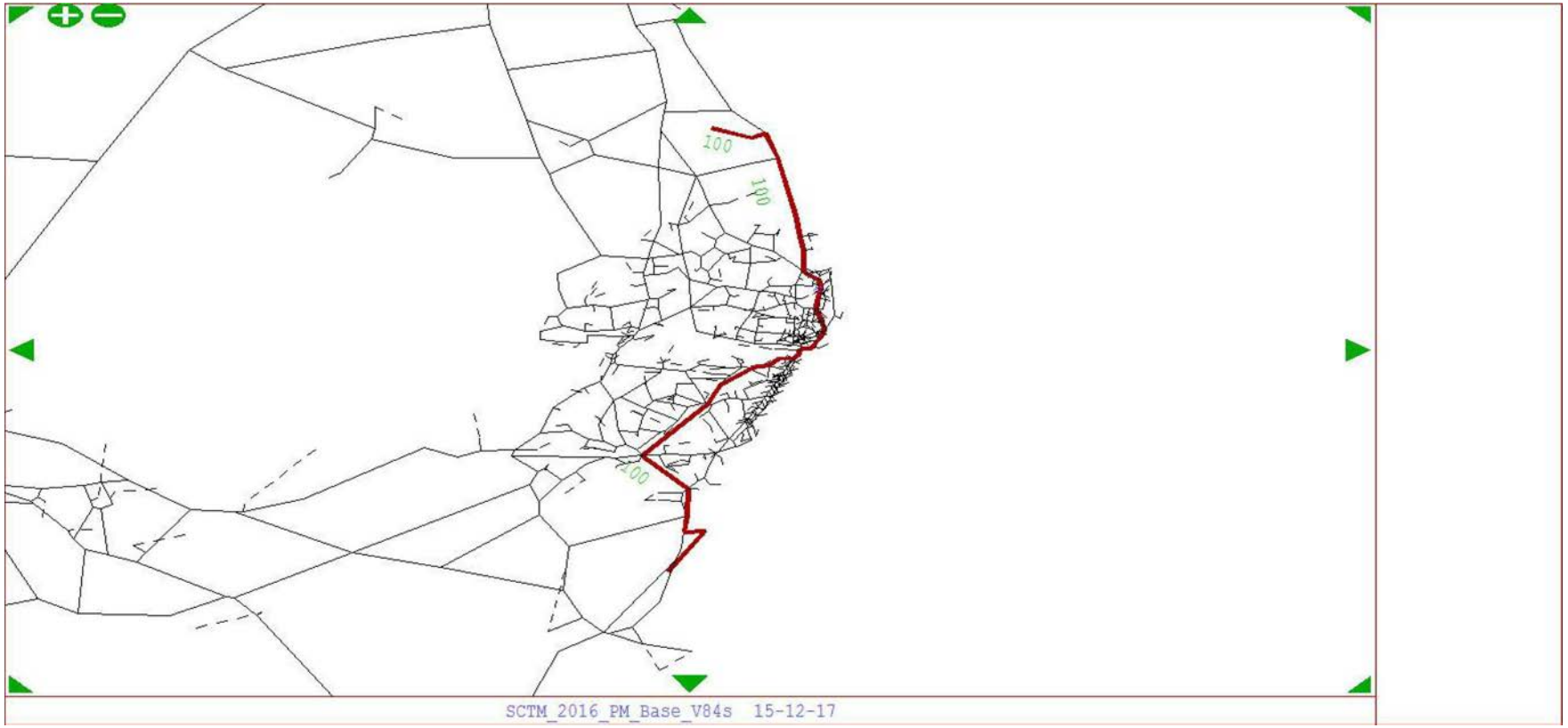
From Zone 408 To Zone 465 - User Class 1



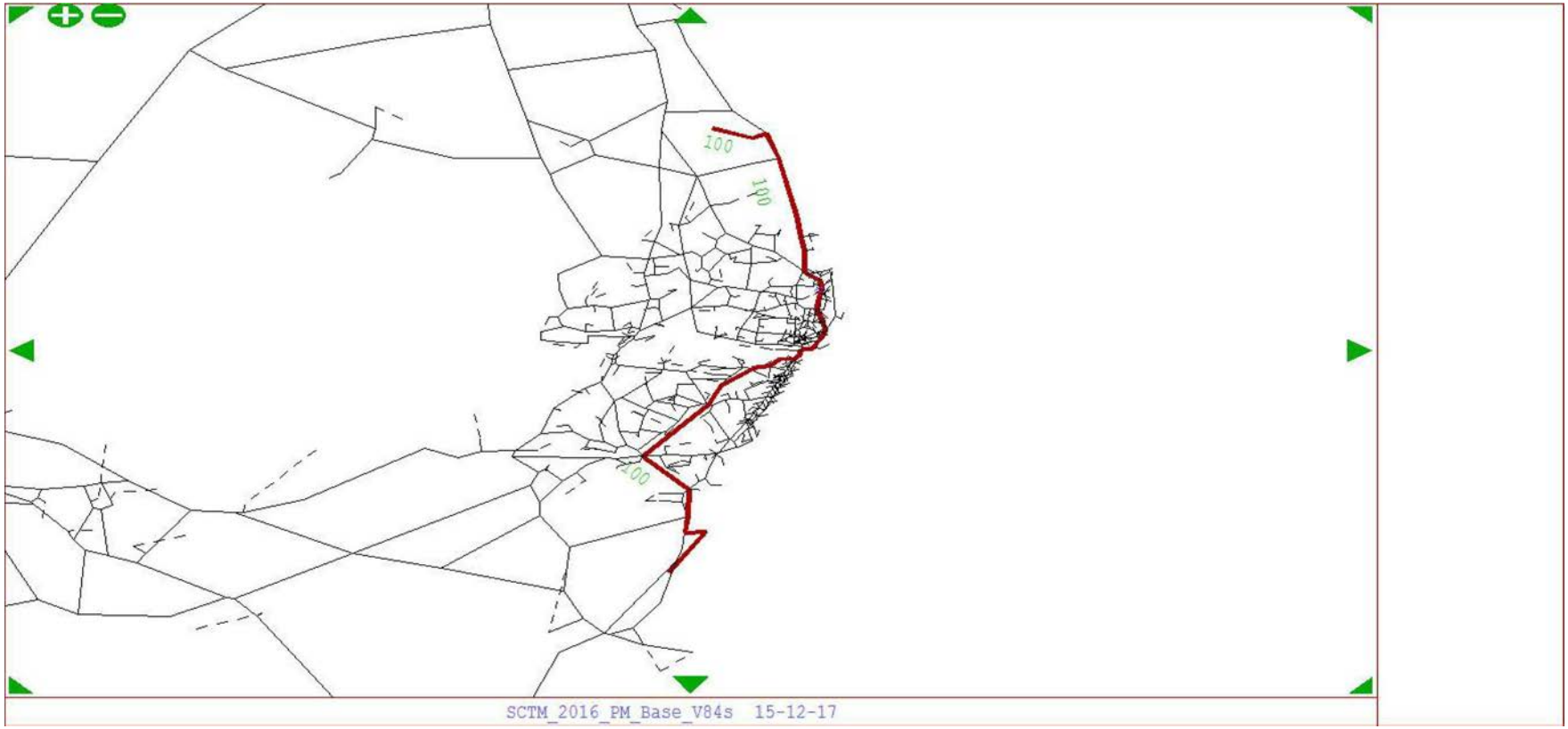
From Zone 408 To Zone 465 - User Class 10



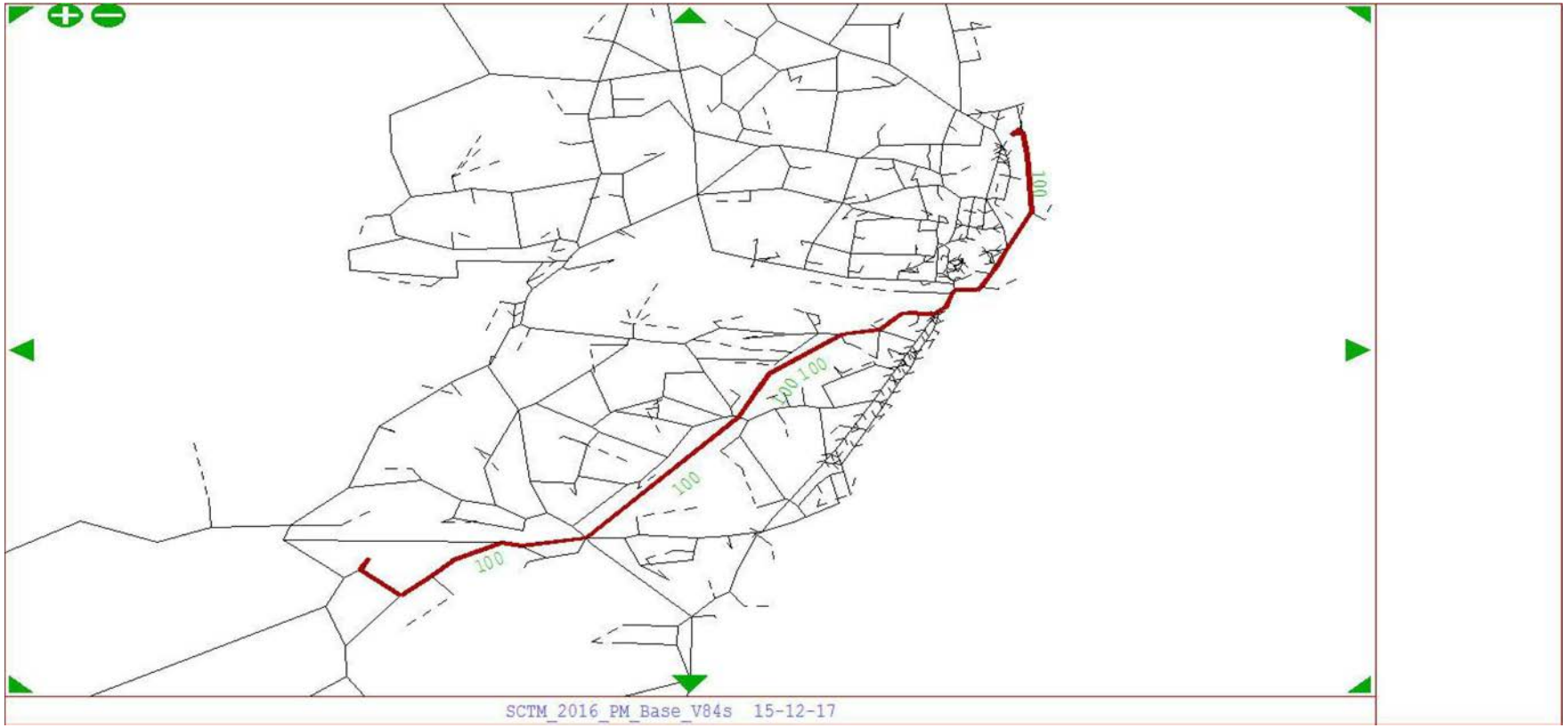
From Zone 465 To Zone 408 - User Class 1



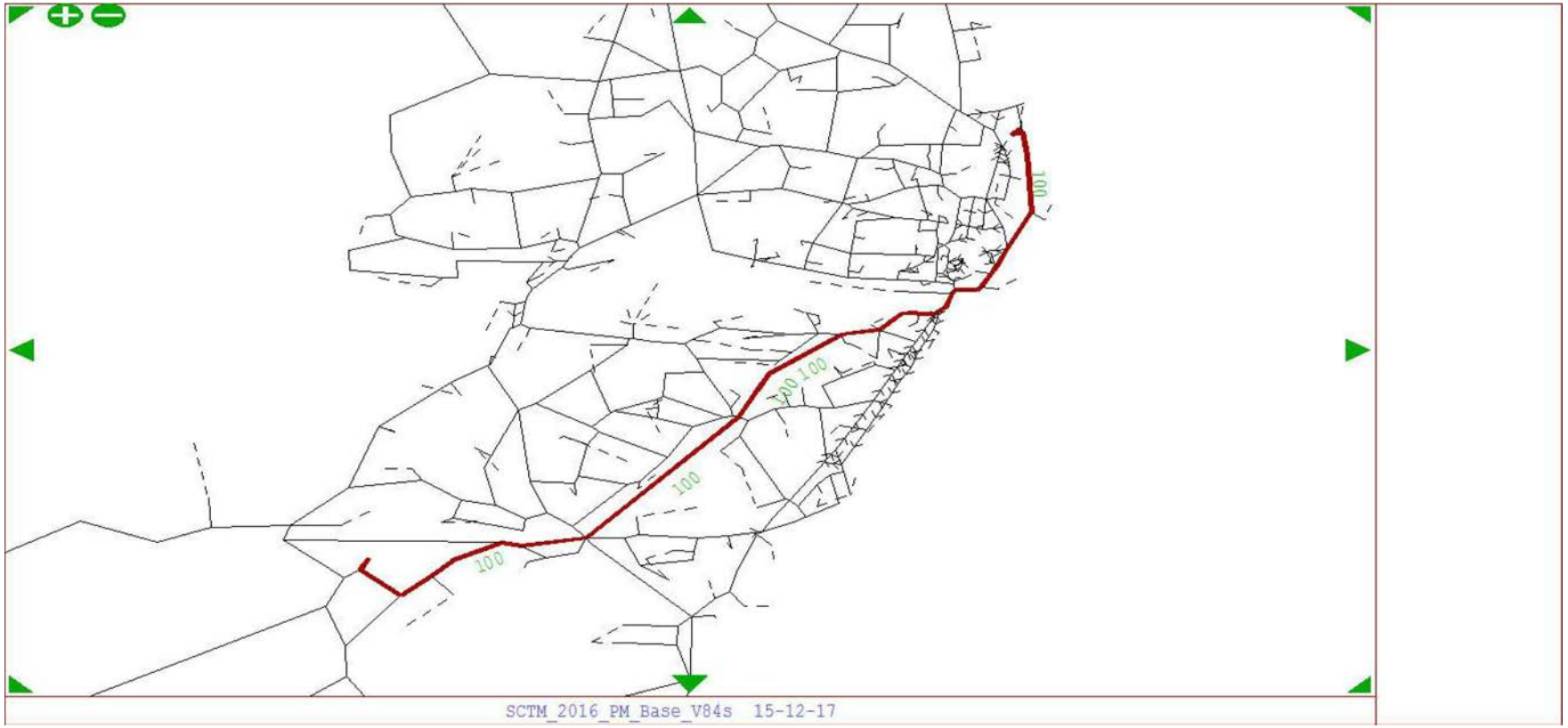
From Zone 465 To Zone 408 - User Class 10



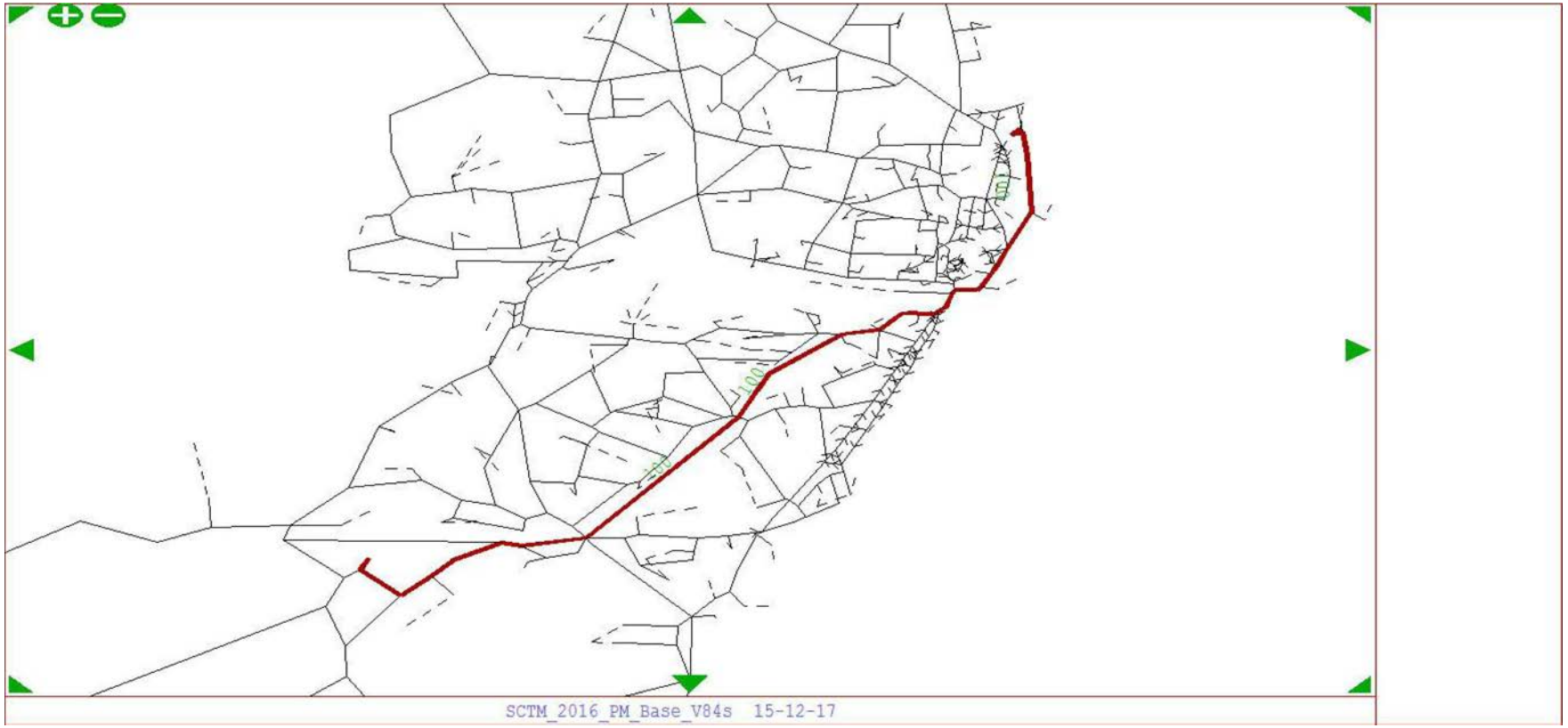
From Zone 84 To Zone 782 - User Class 1



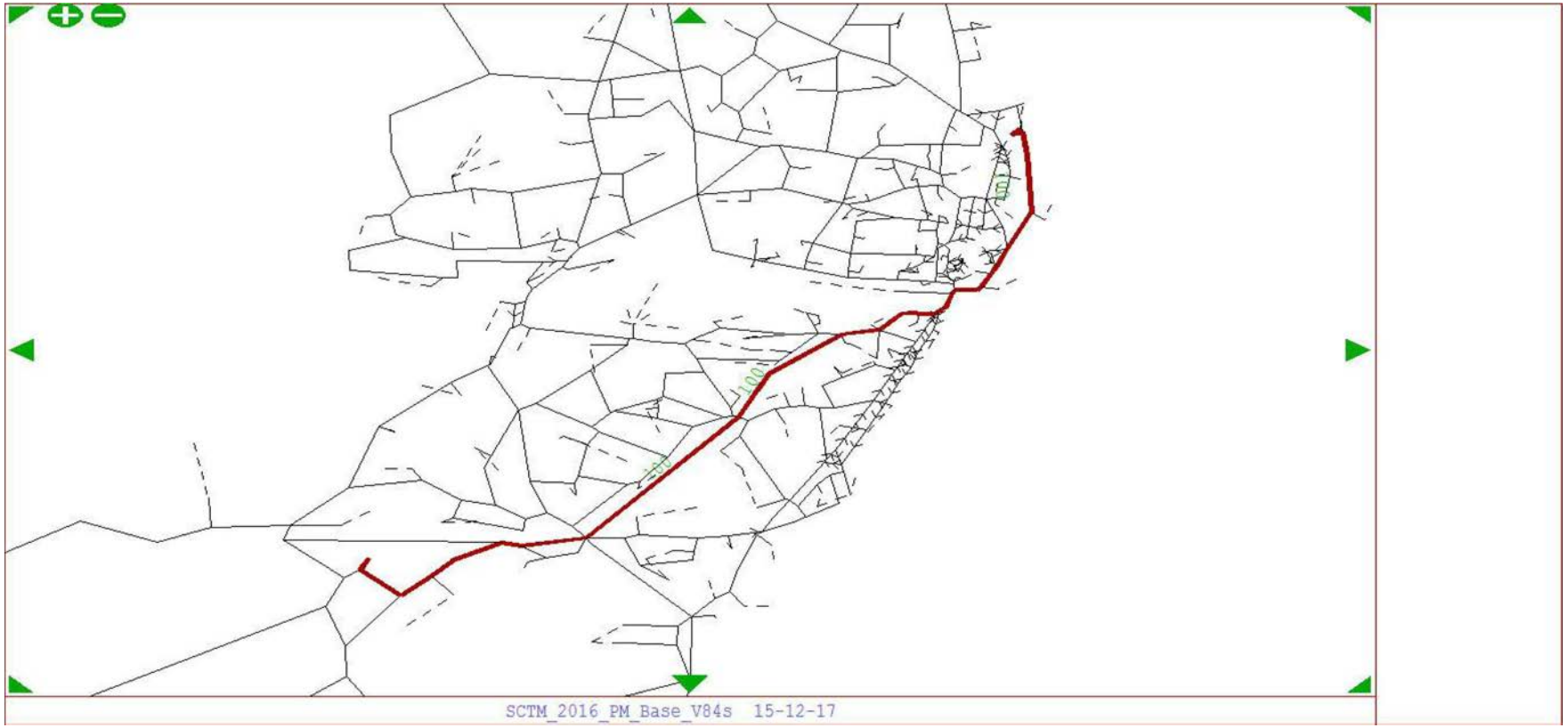
From Zone 84 To Zone 782 - User Class 10



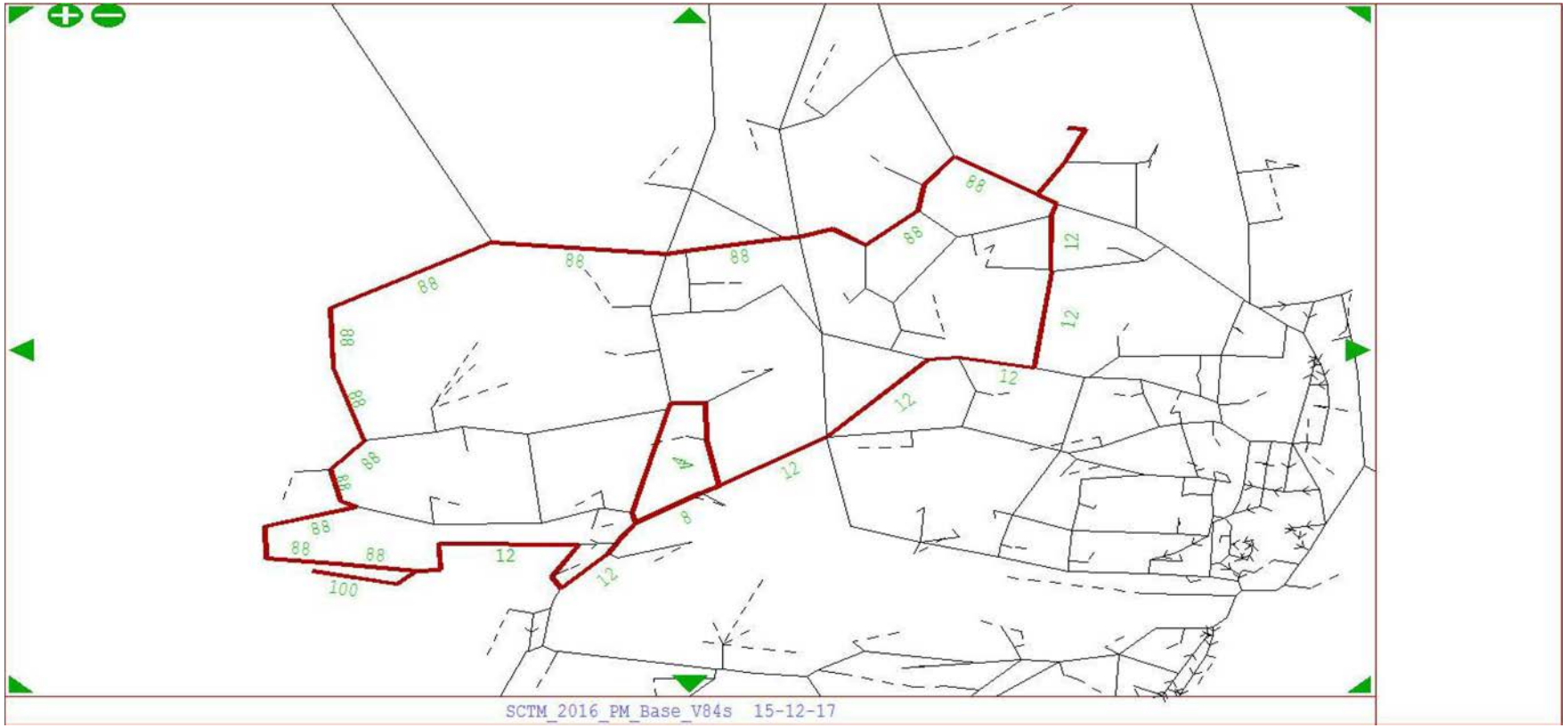
From Zone 782 To Zone 84 - User Class 1



From Zone 782 To Zone 84 - User Class 10



From Zone 409 To Zone 584 - User Class 1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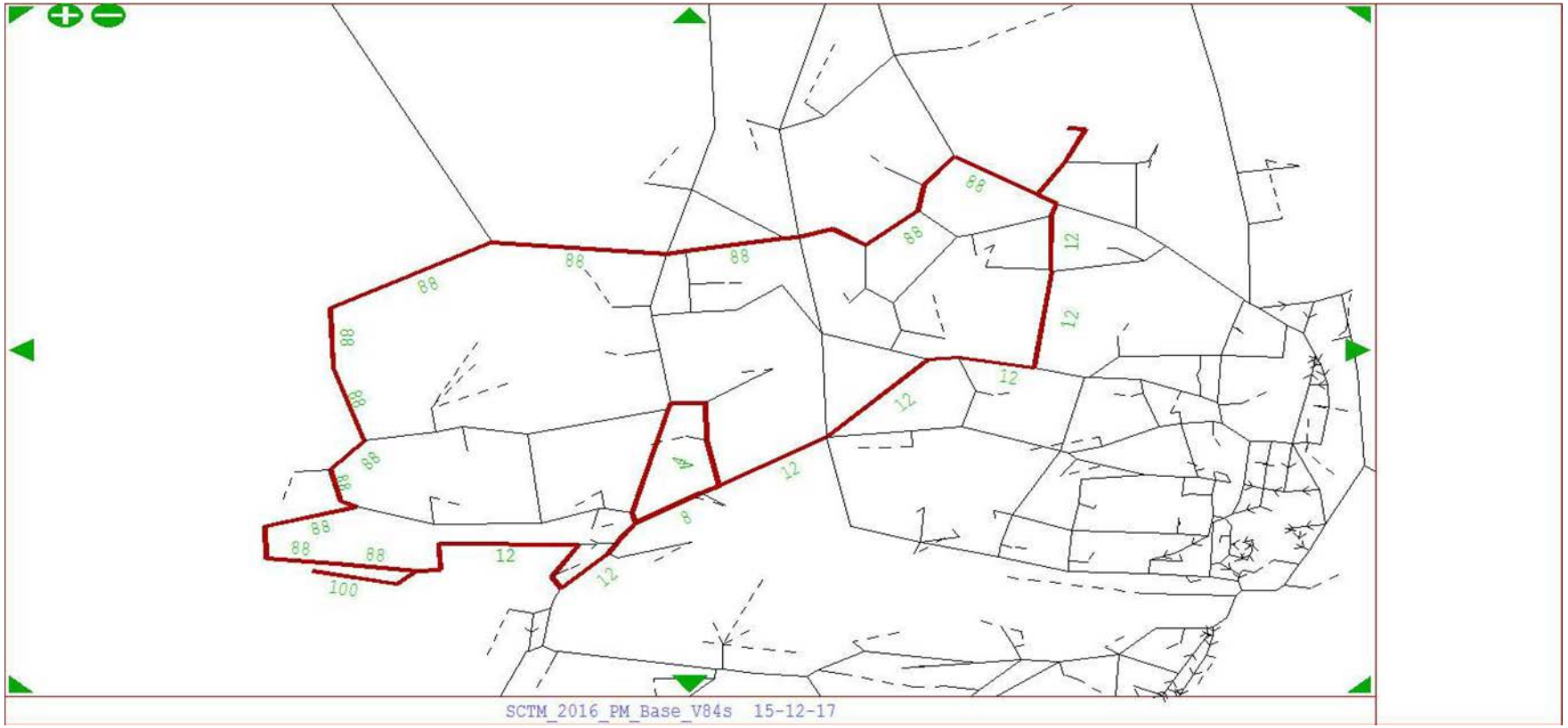
From Zone 409 To Zone 584 - User Class 10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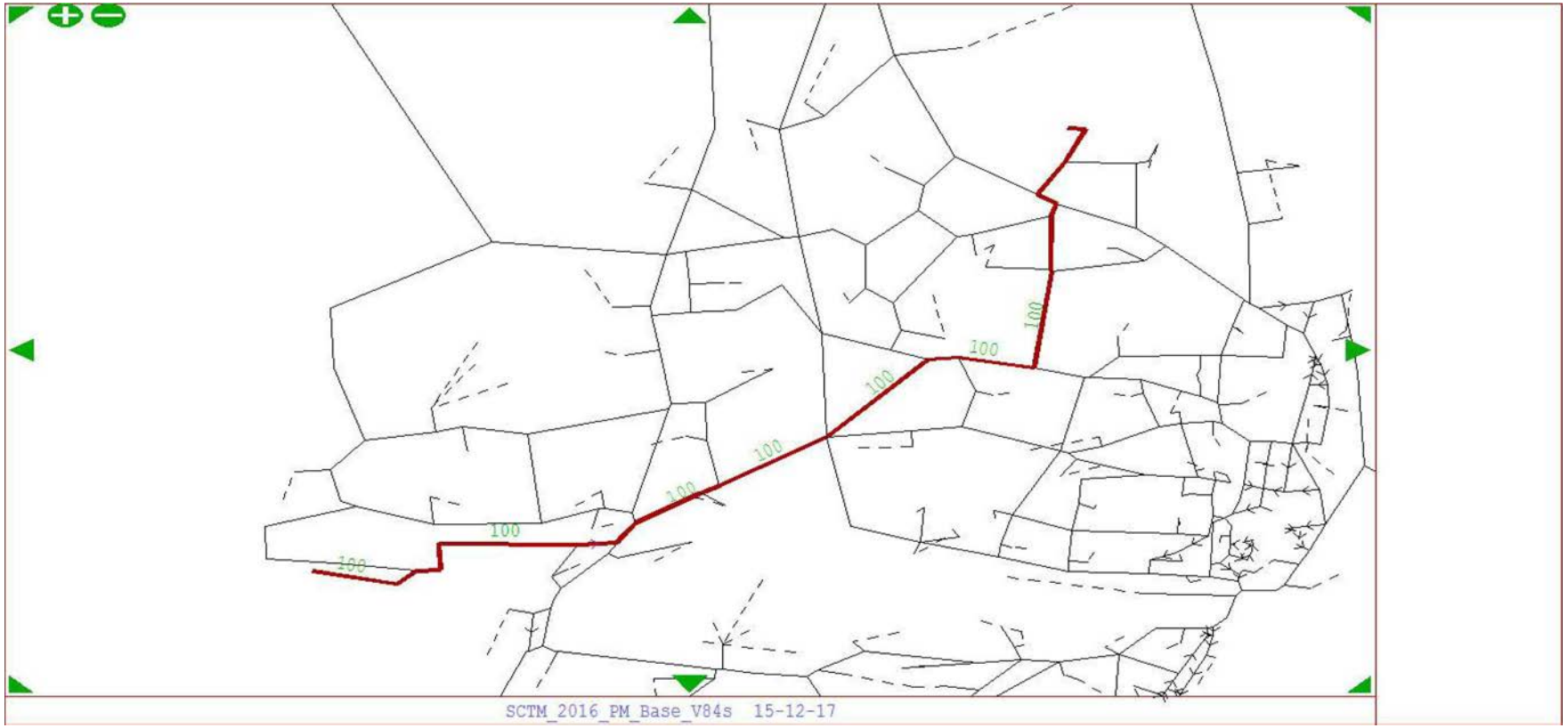
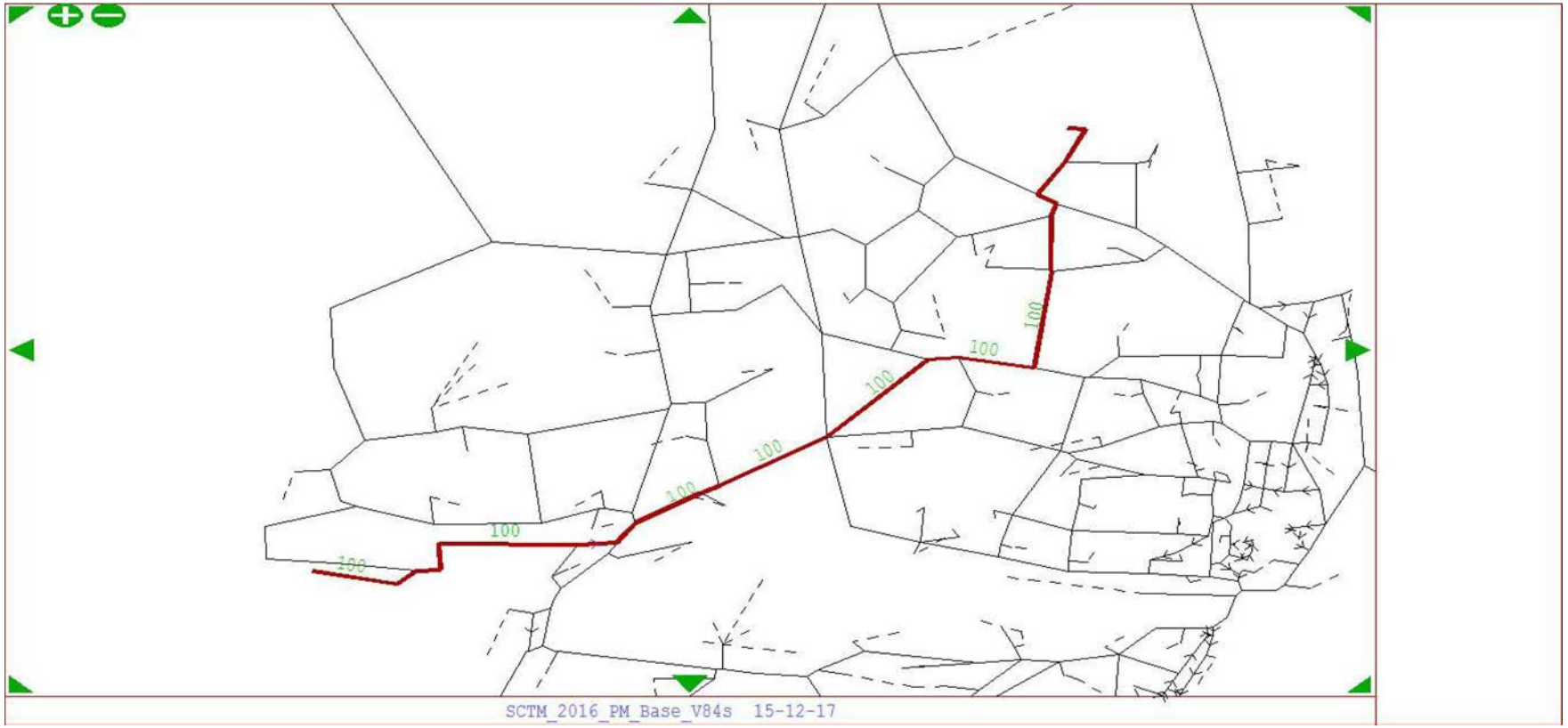
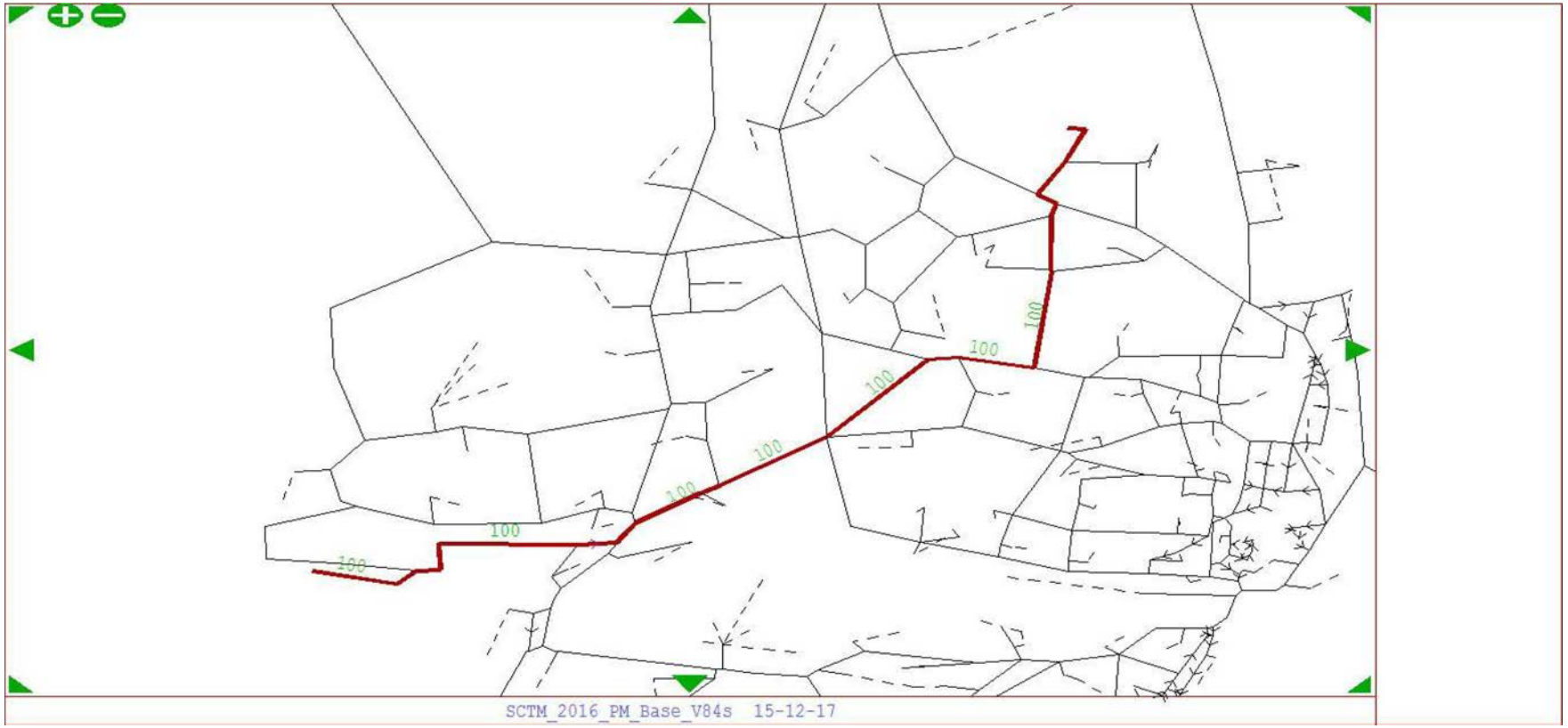
From Zone 584 To Zone 409 - User Class 1



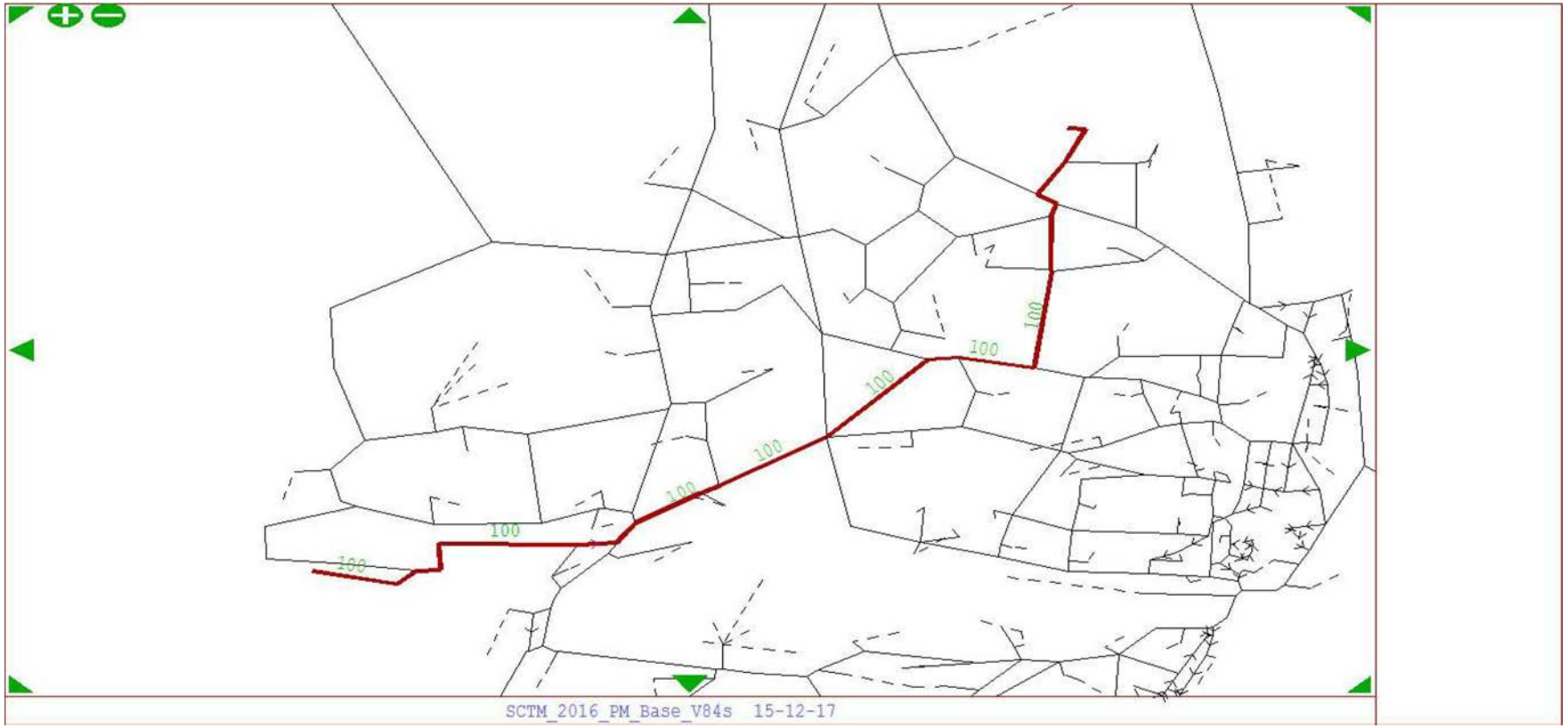
From Zone 584 To Zone 409 - User Class 2



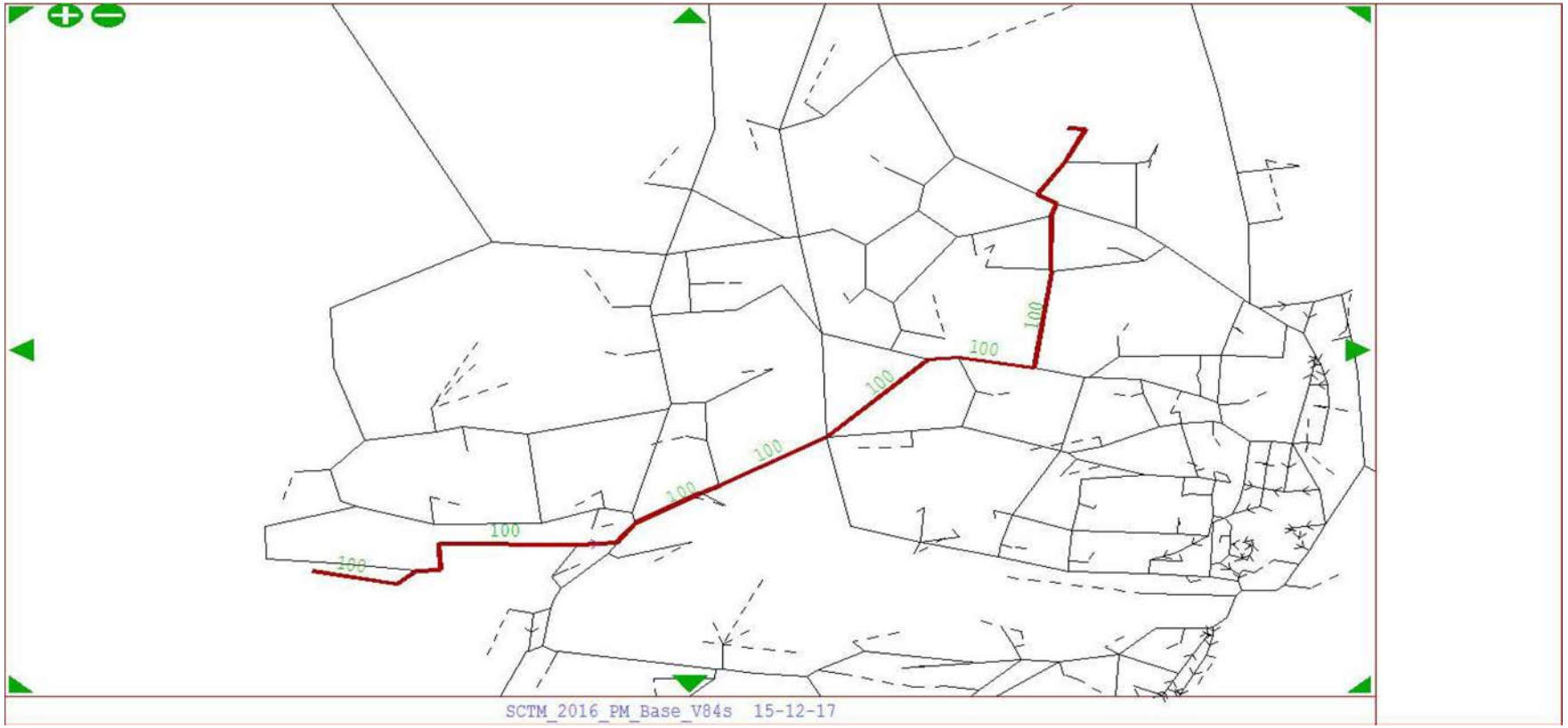
From Zone 584 To Zone 409 - User Class 3



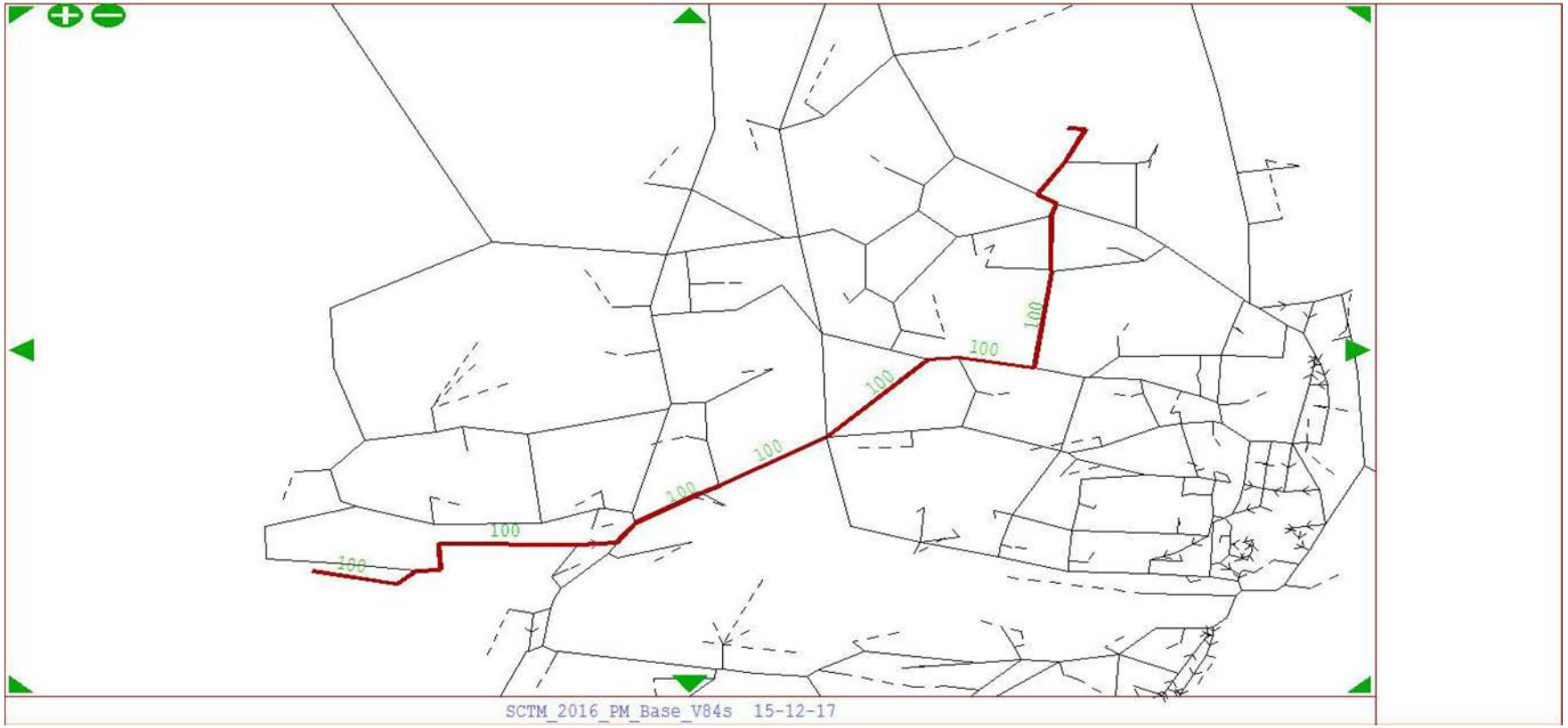
From Zone 584 To Zone 409 - User Class 4



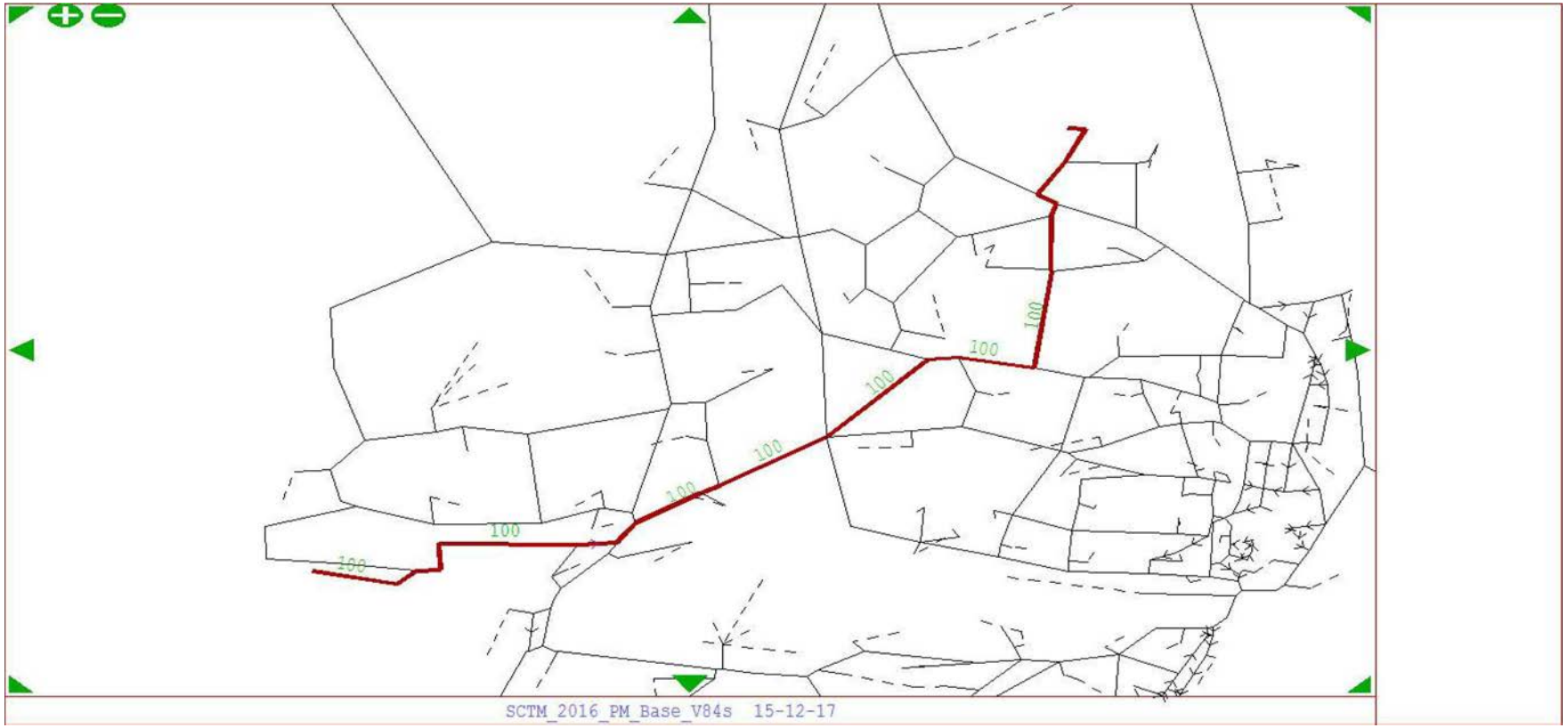
From Zone 584 To Zone 409 - User Class 5



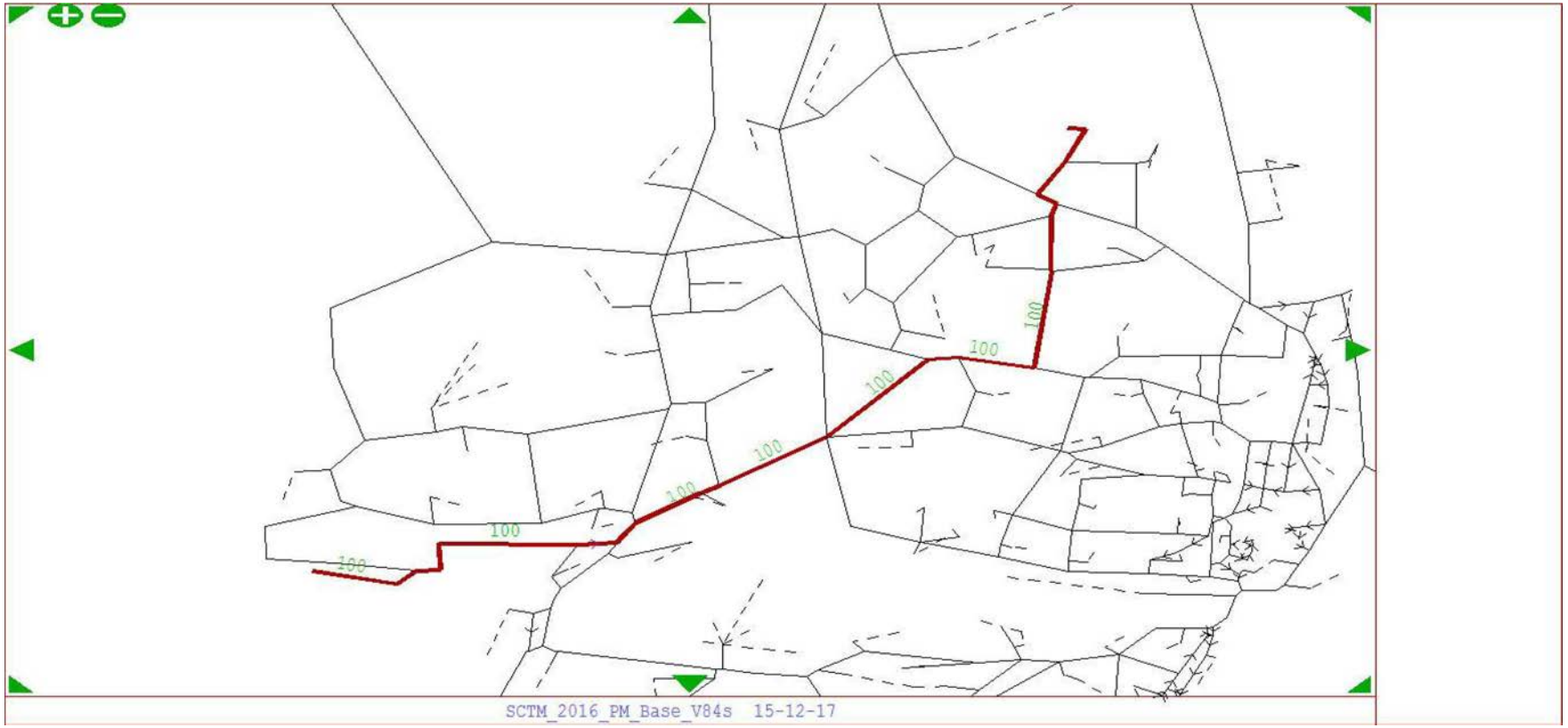
From Zone 584 To Zone 409 - User Class 6



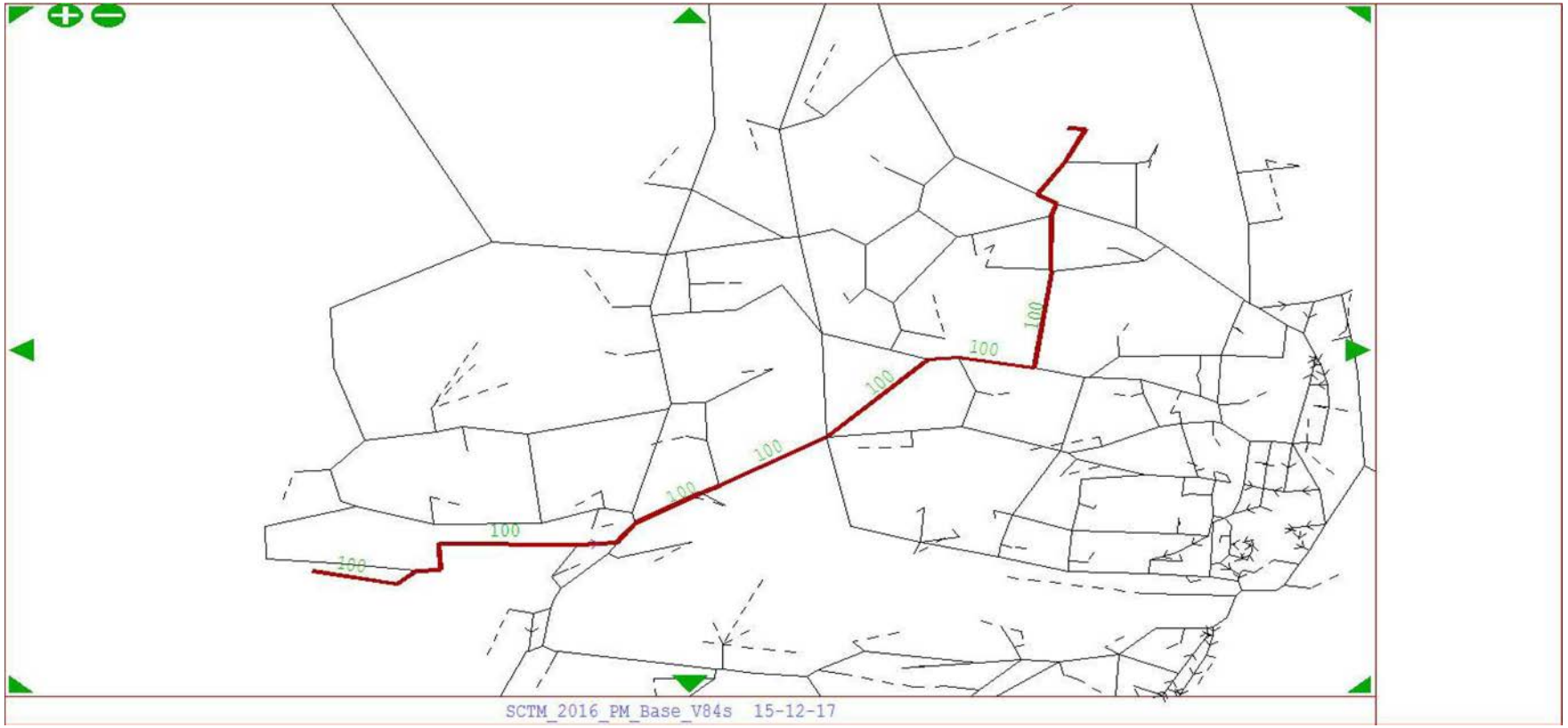
From Zone 584 To Zone 409 - User Class 7



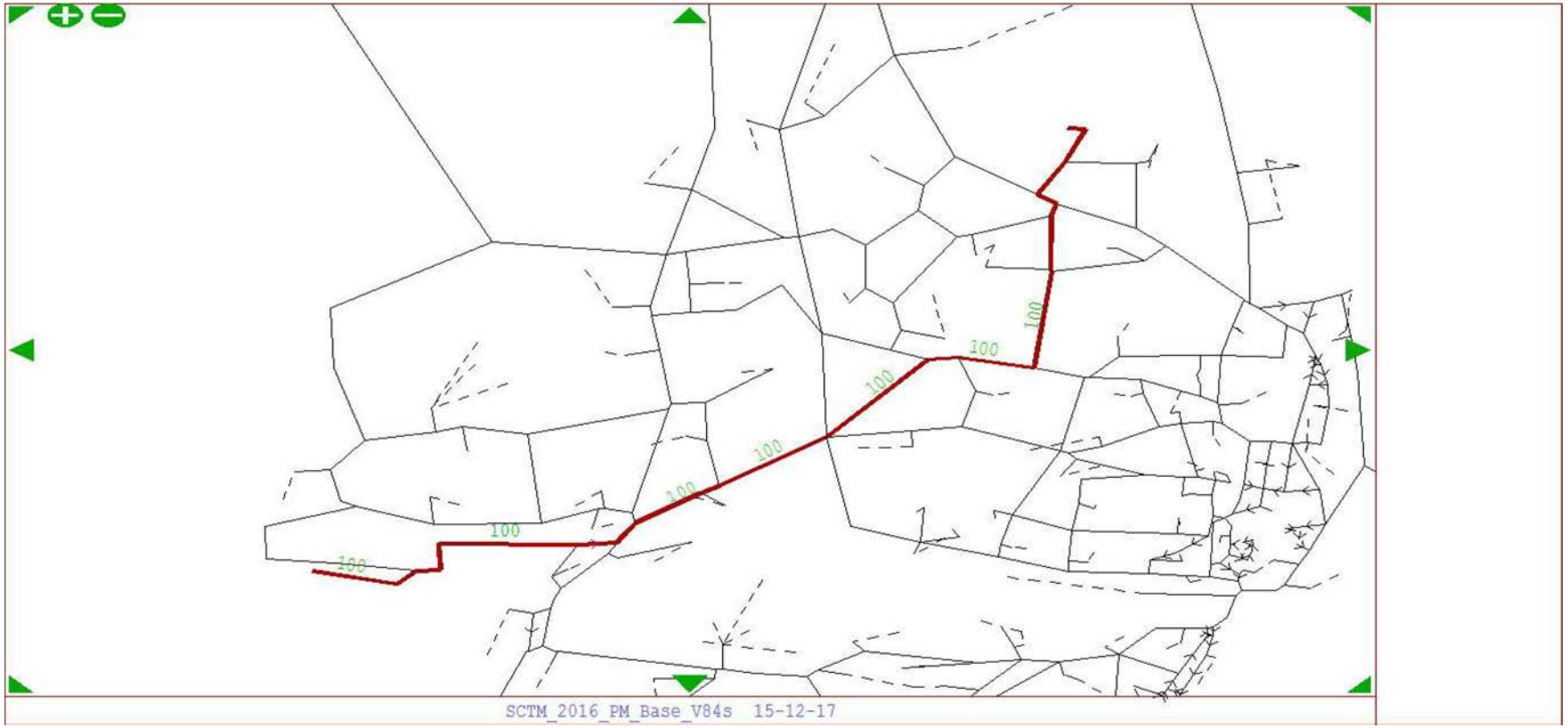
From Zone 584 To Zone 409 - User Class 8



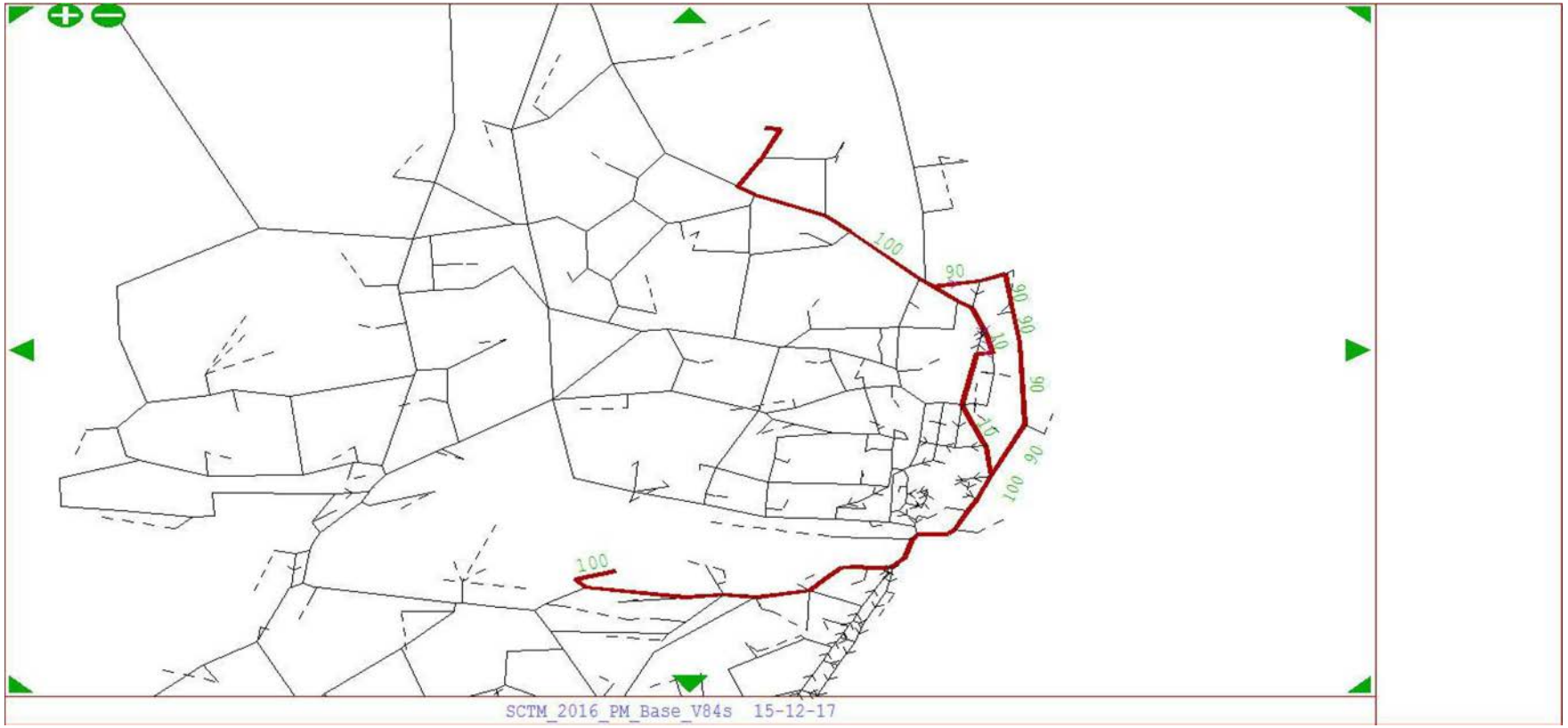
From Zone 584 To Zone 409 - User Class 9



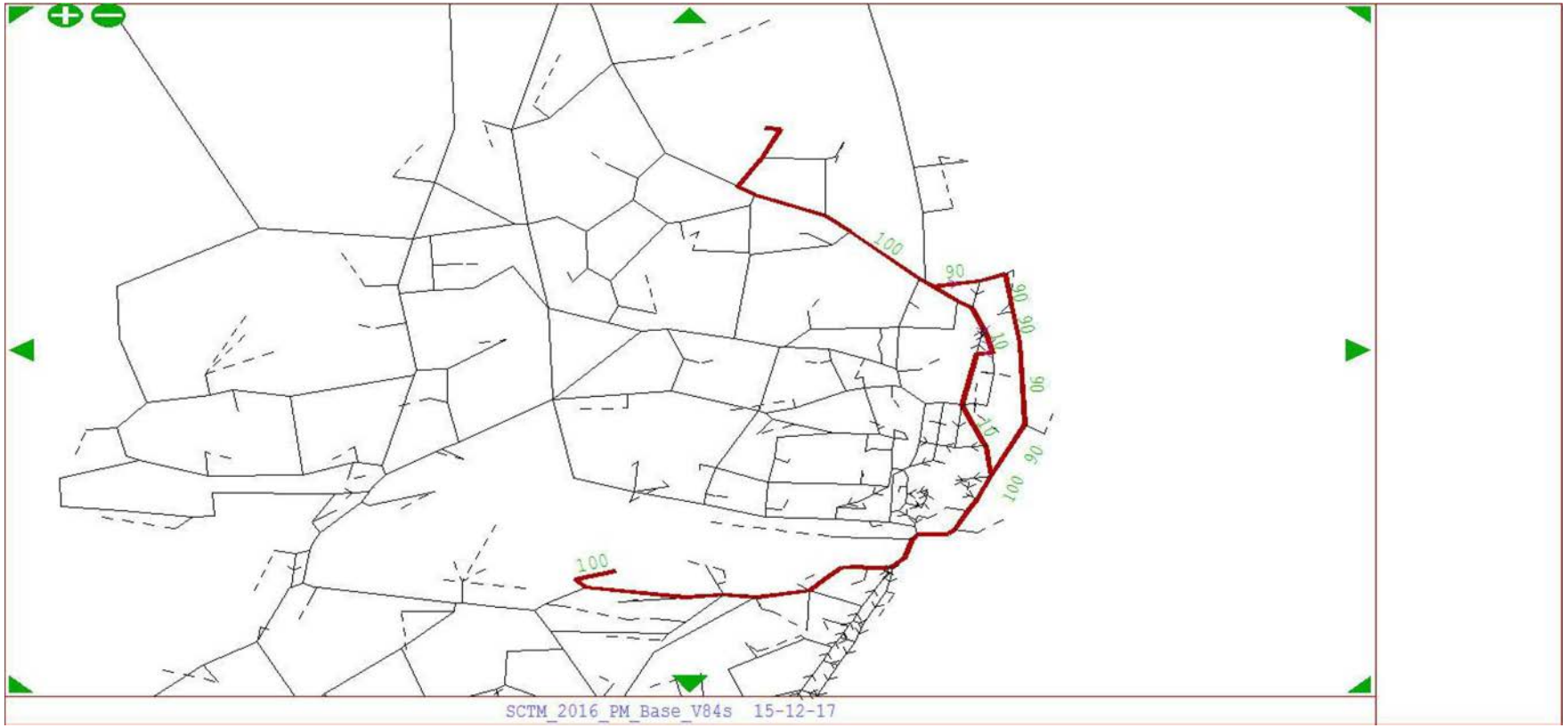
From Zone 584 To Zone 409 - User Class 10



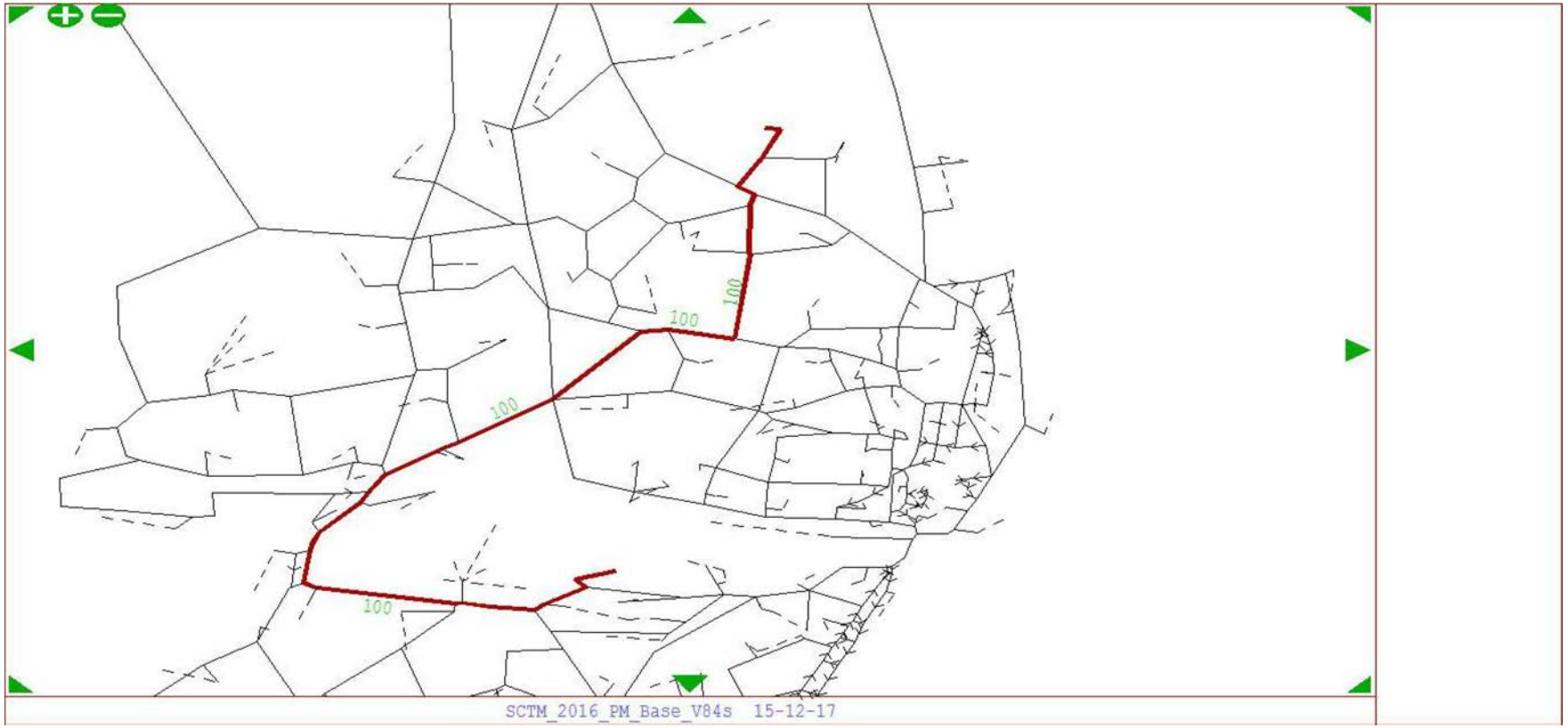
From Zone 409 To Zone 589 - User Class 1



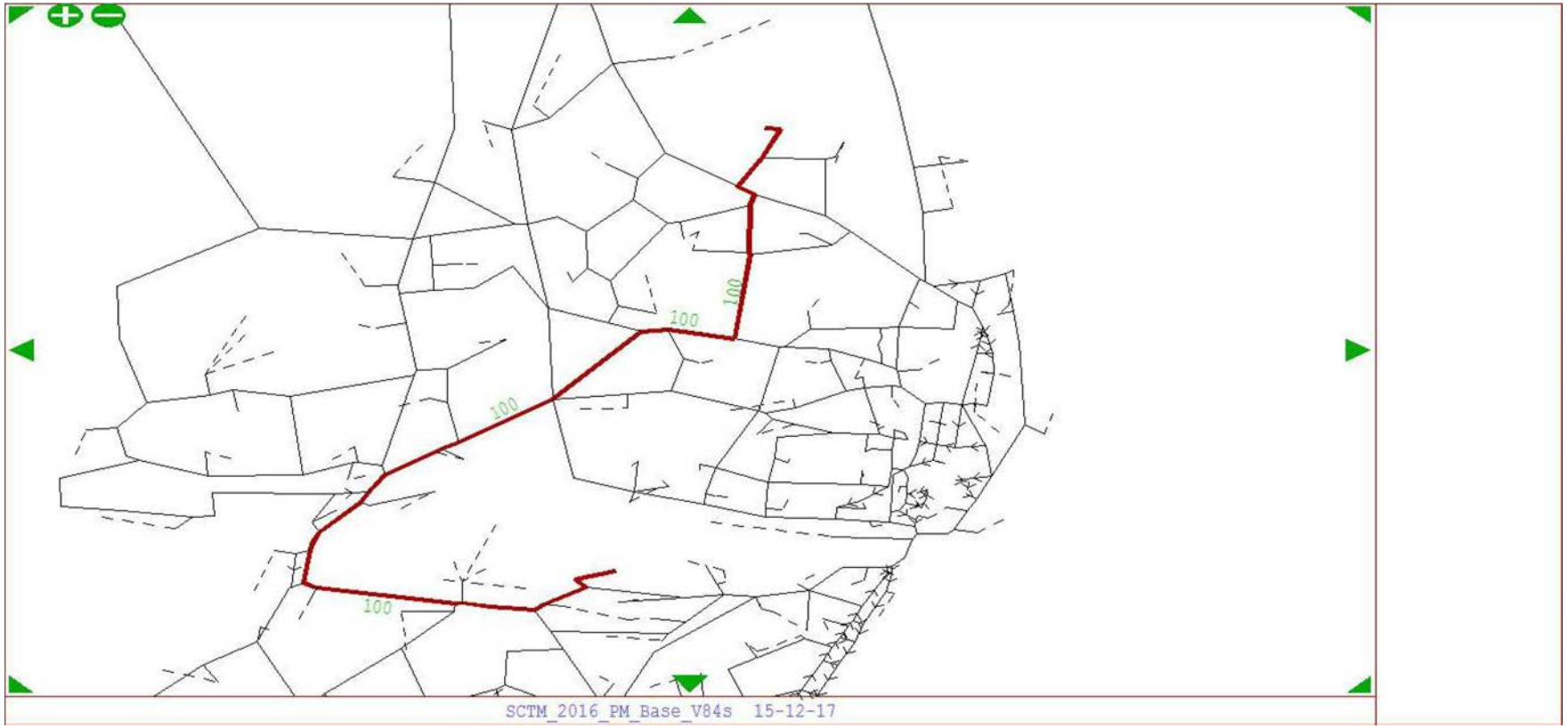
From Zone 409 To Zone 589 - User Class 10



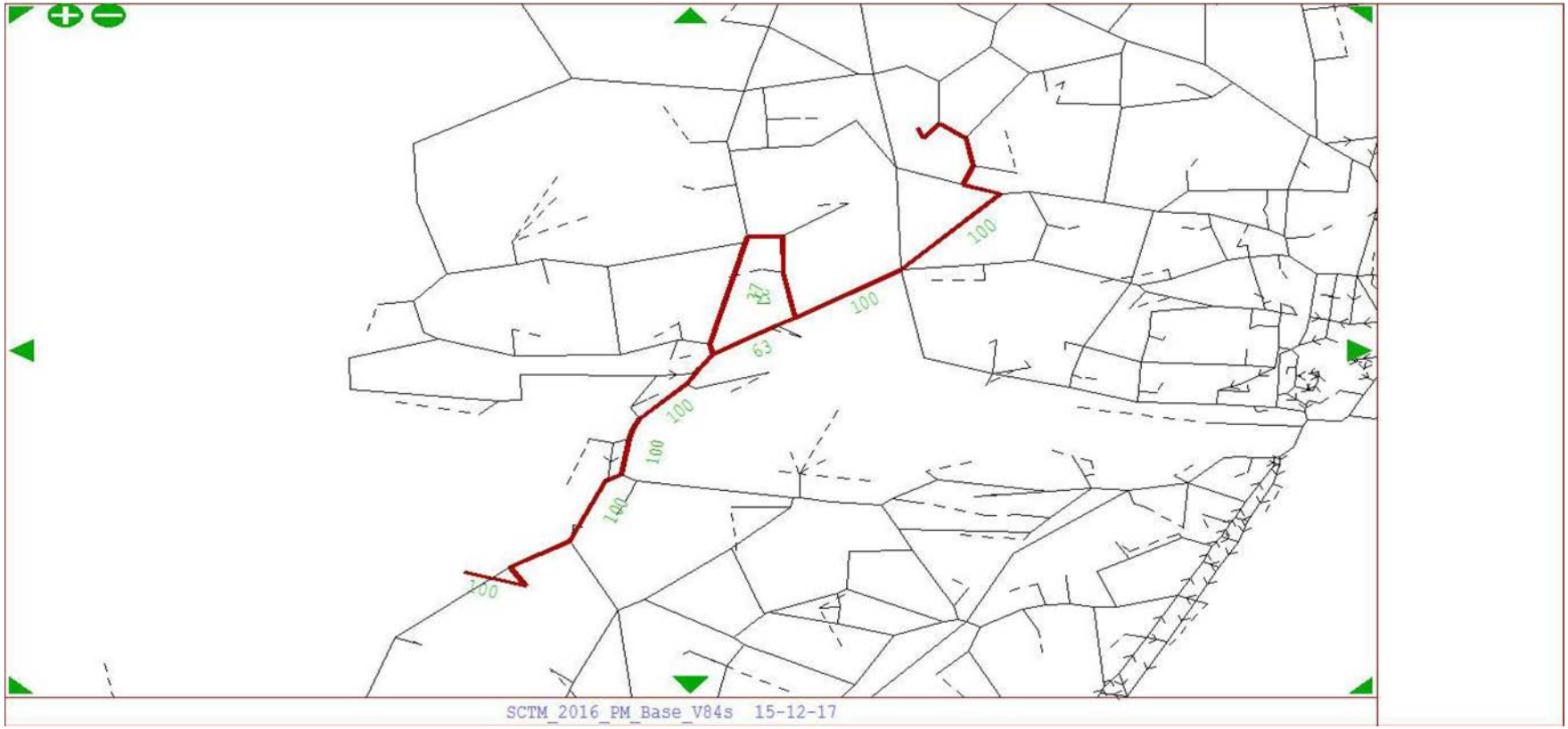
From Zone 589 To Zone 409 - User Class 1



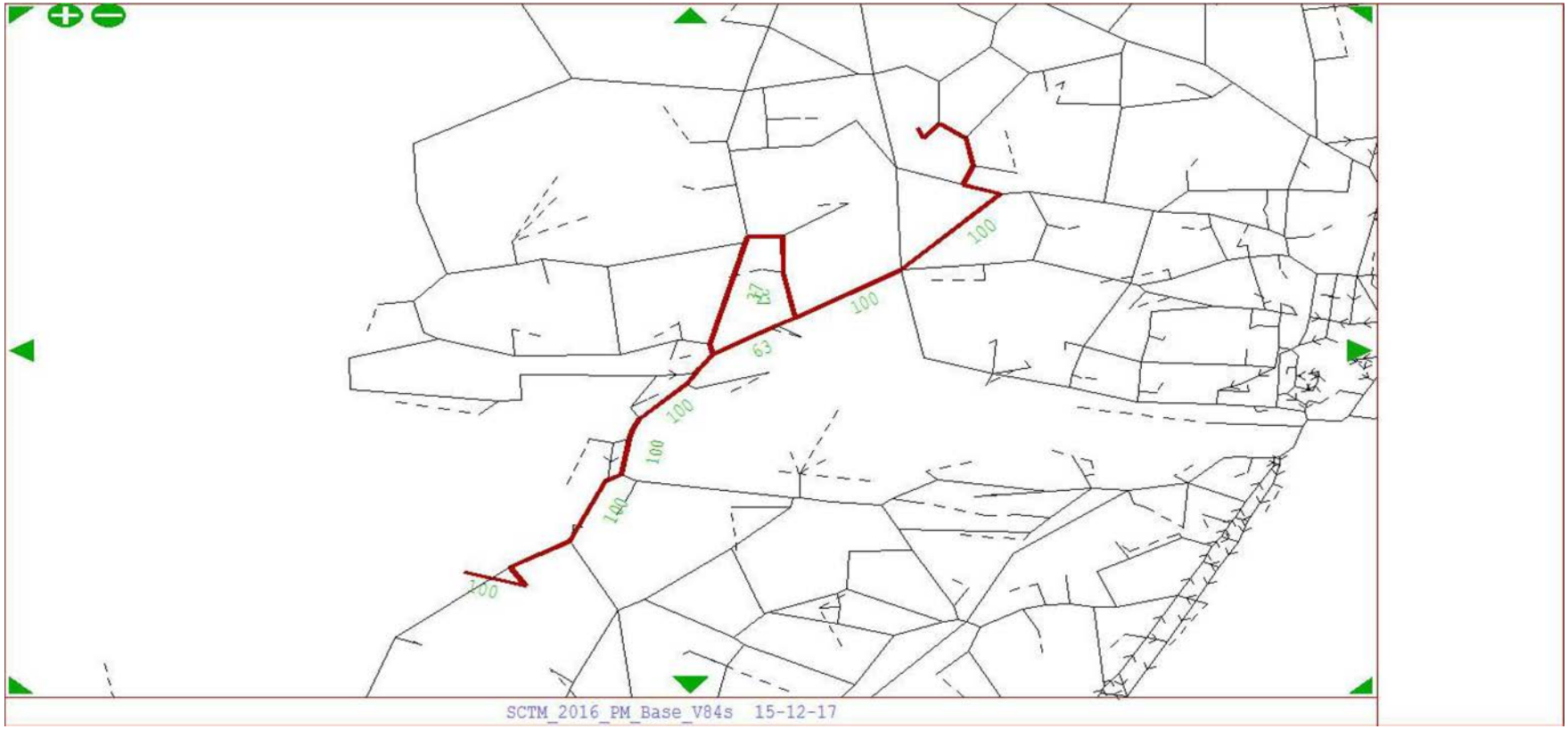
From Zone 589 To Zone 409 - User Class 10



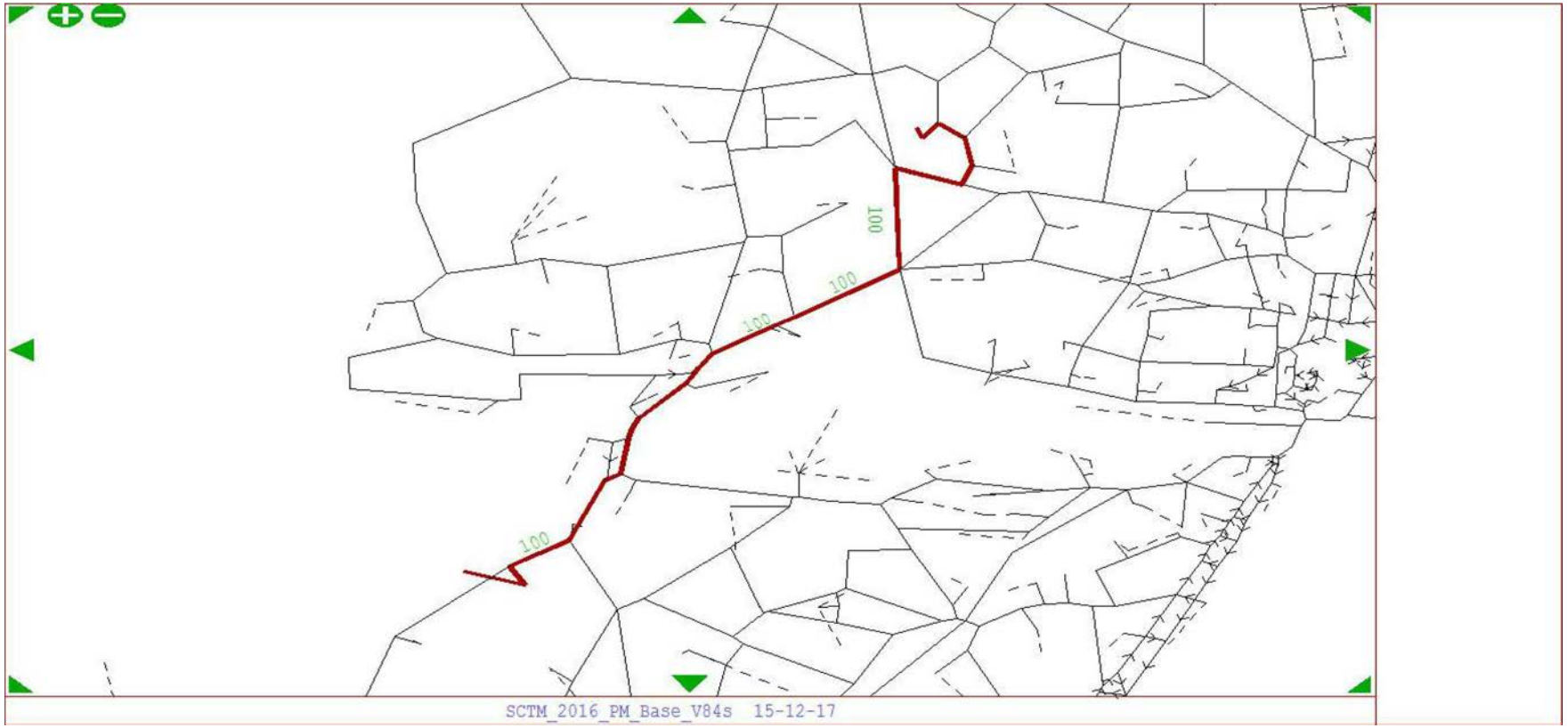
From Zone 767 To Zone 434 - User Class 1



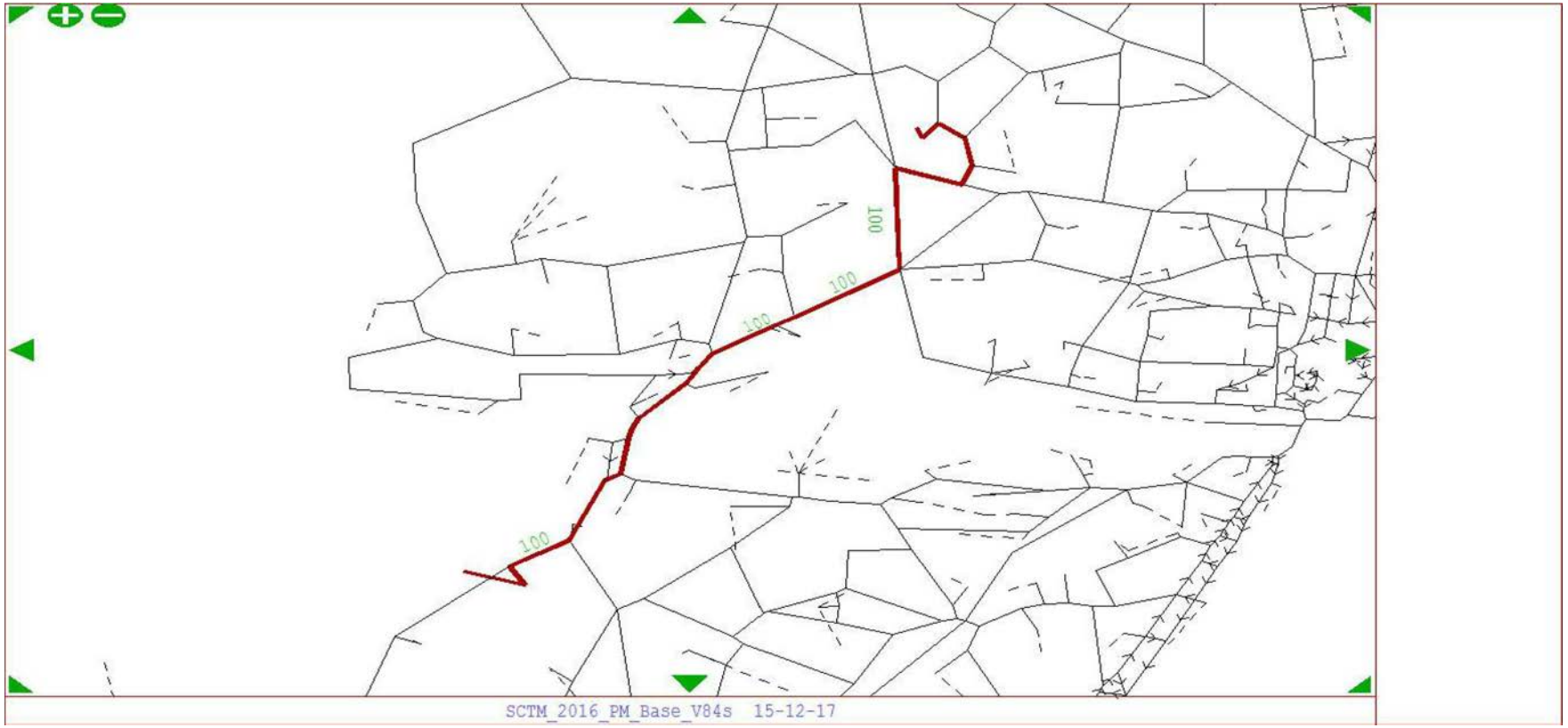
From Zone 767 To Zone 434 - User Class 10



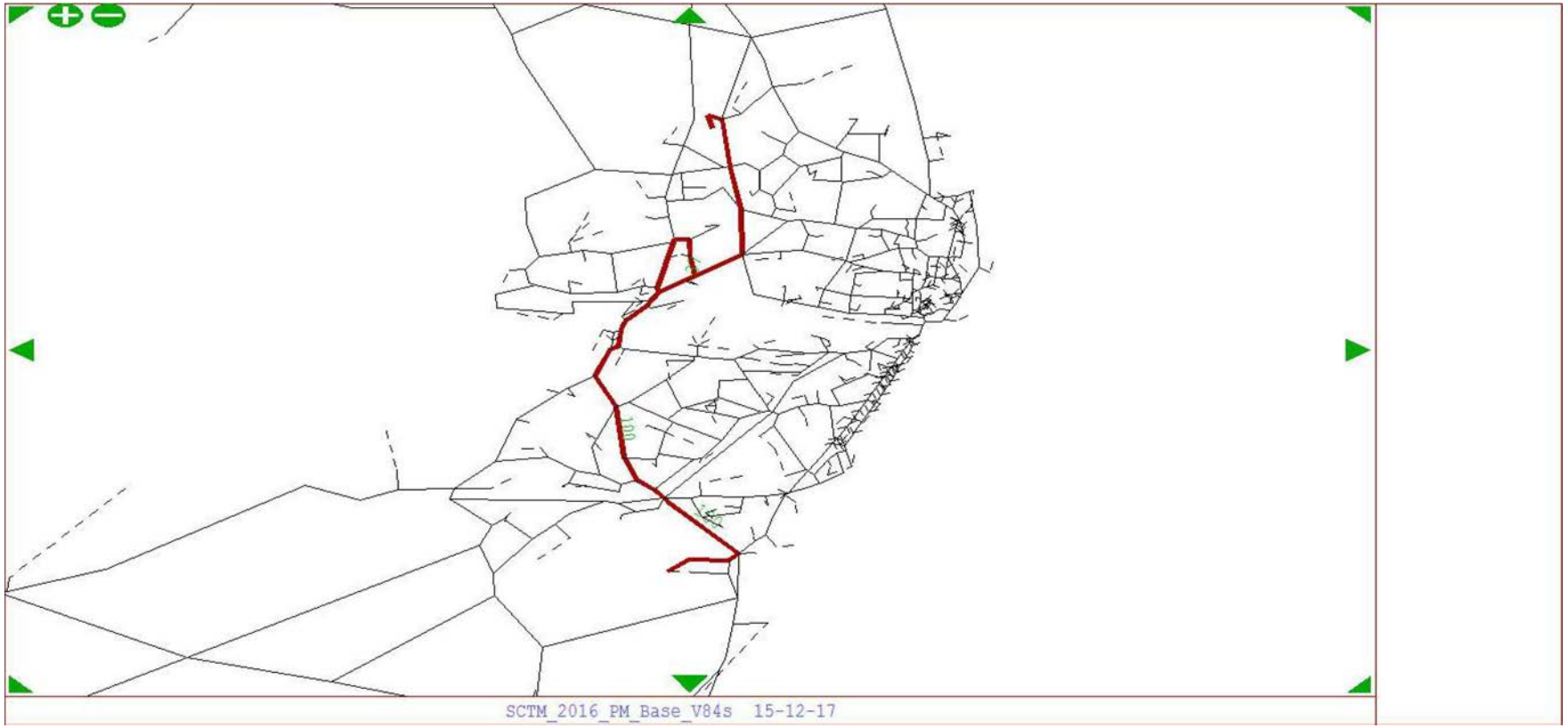
From Zone 434 To Zone 767 - User Class 1



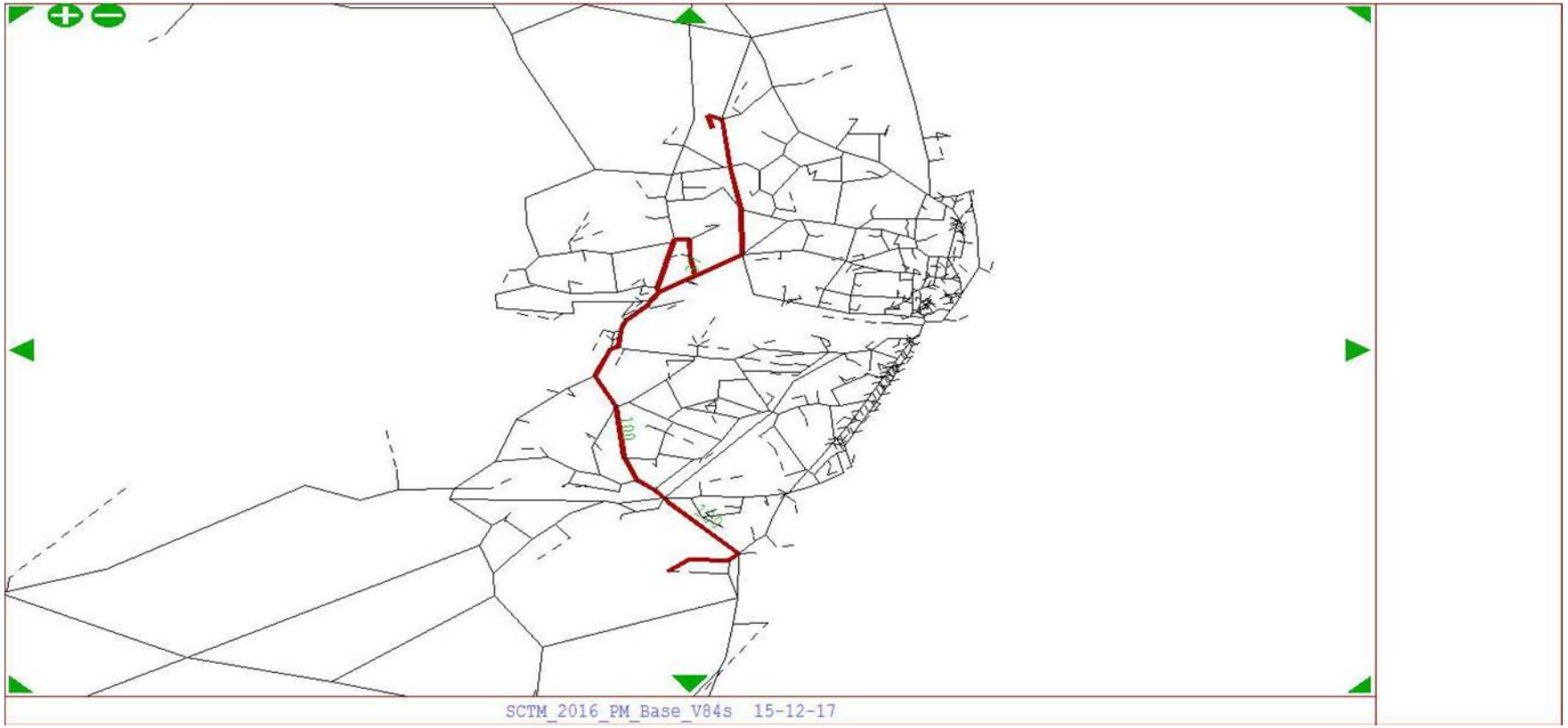
From Zone 434 To Zone 767 - User Class 10



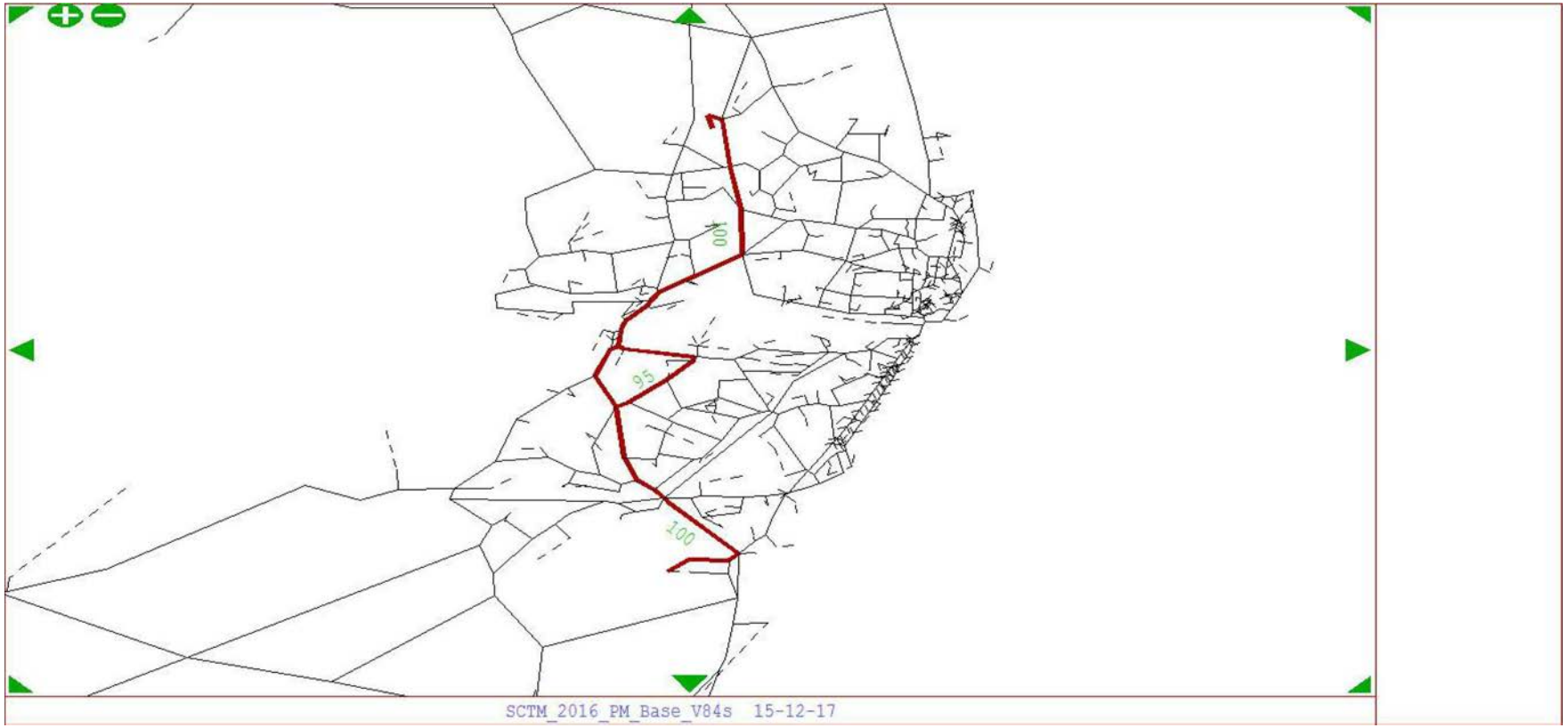
From Zone 586 To Zone 781 - User Class 1



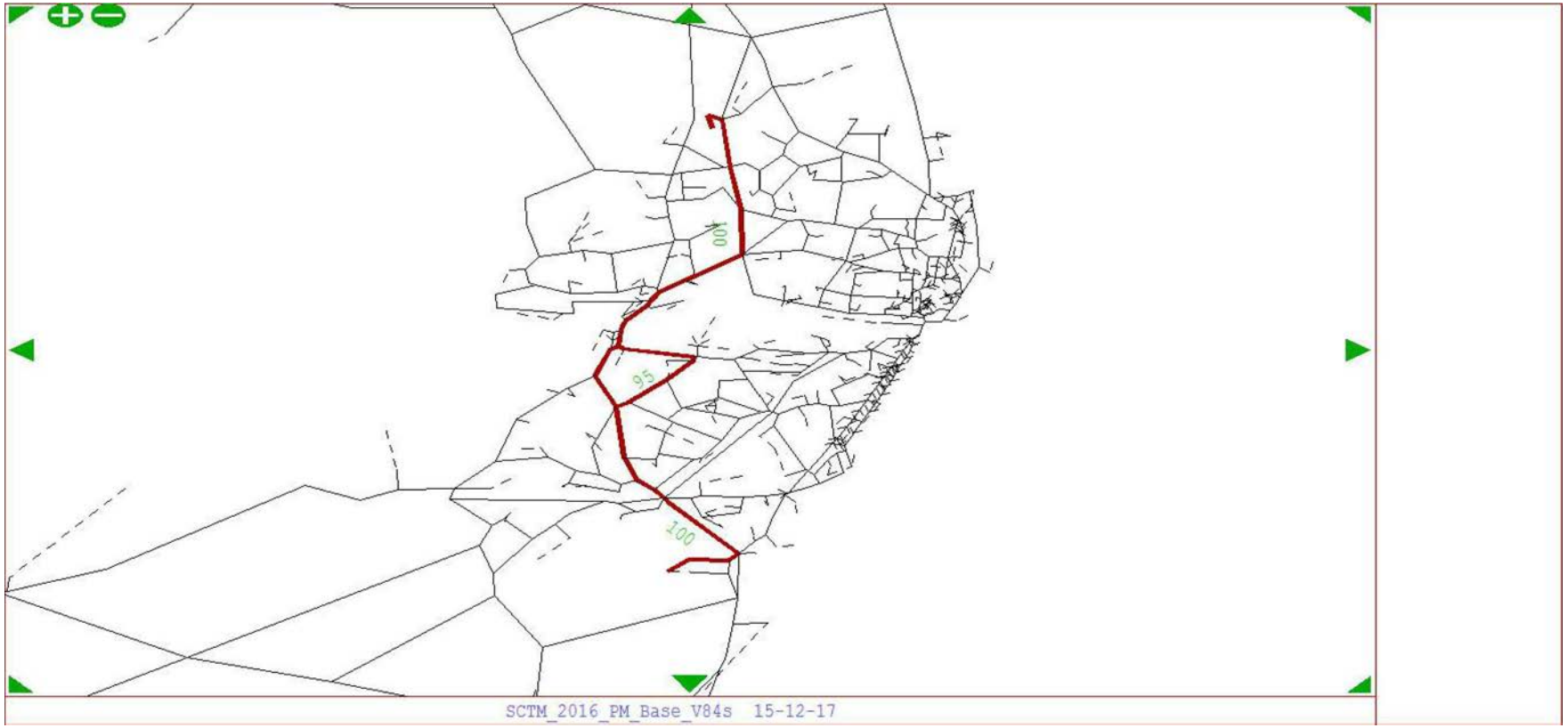
From Zone 586 To Zone 781 - User Class 10



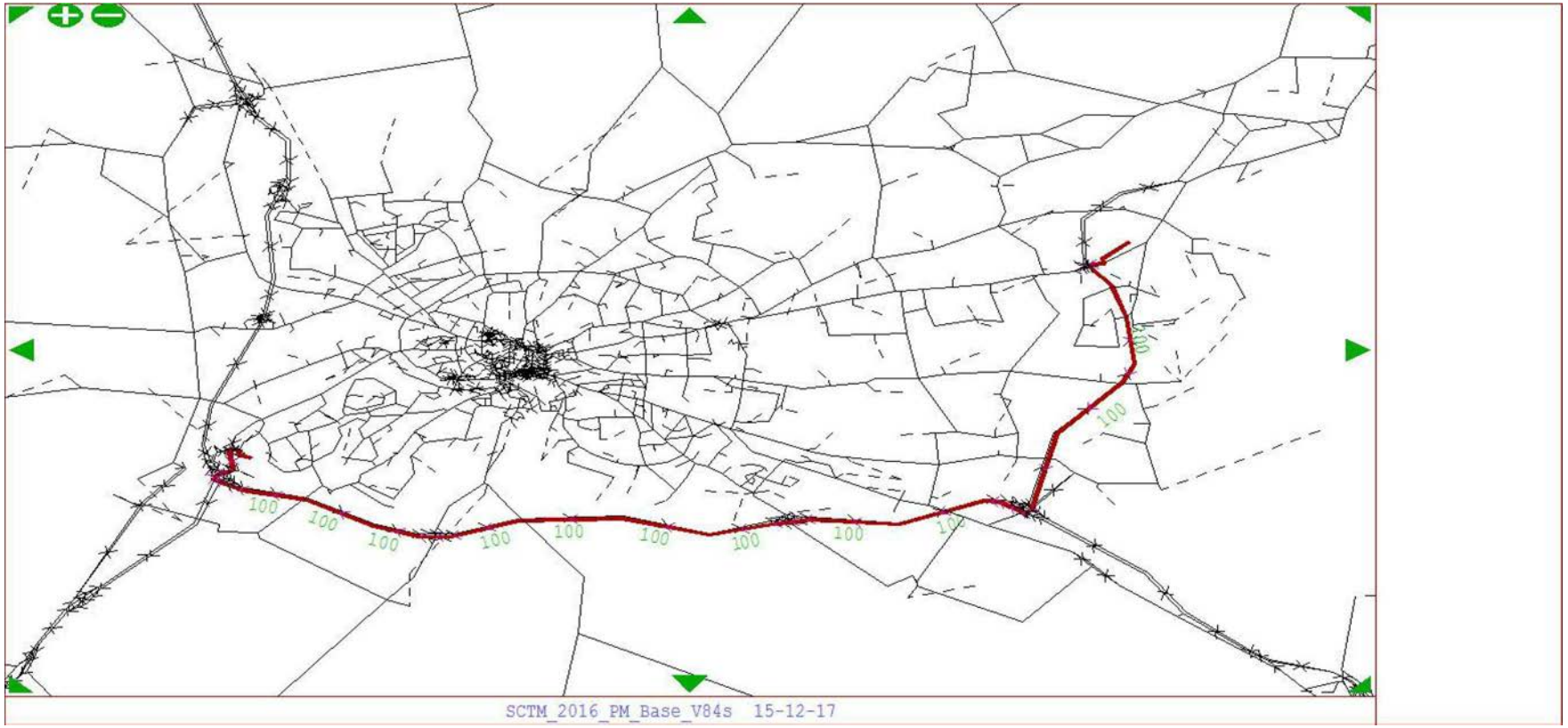
From Zone 781 To Zone 586 - User Class 1



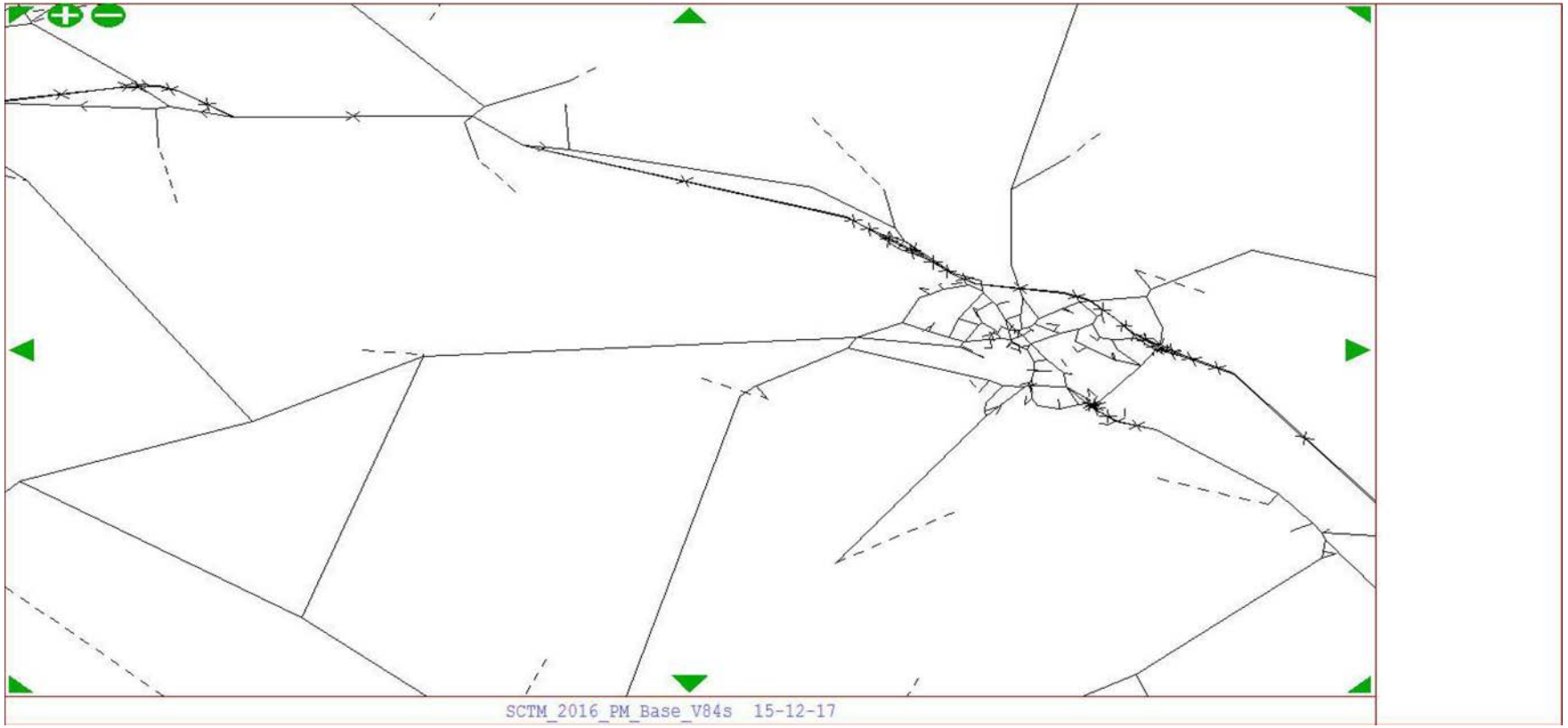
From Zone 781 To Zone 586 - User Class 10



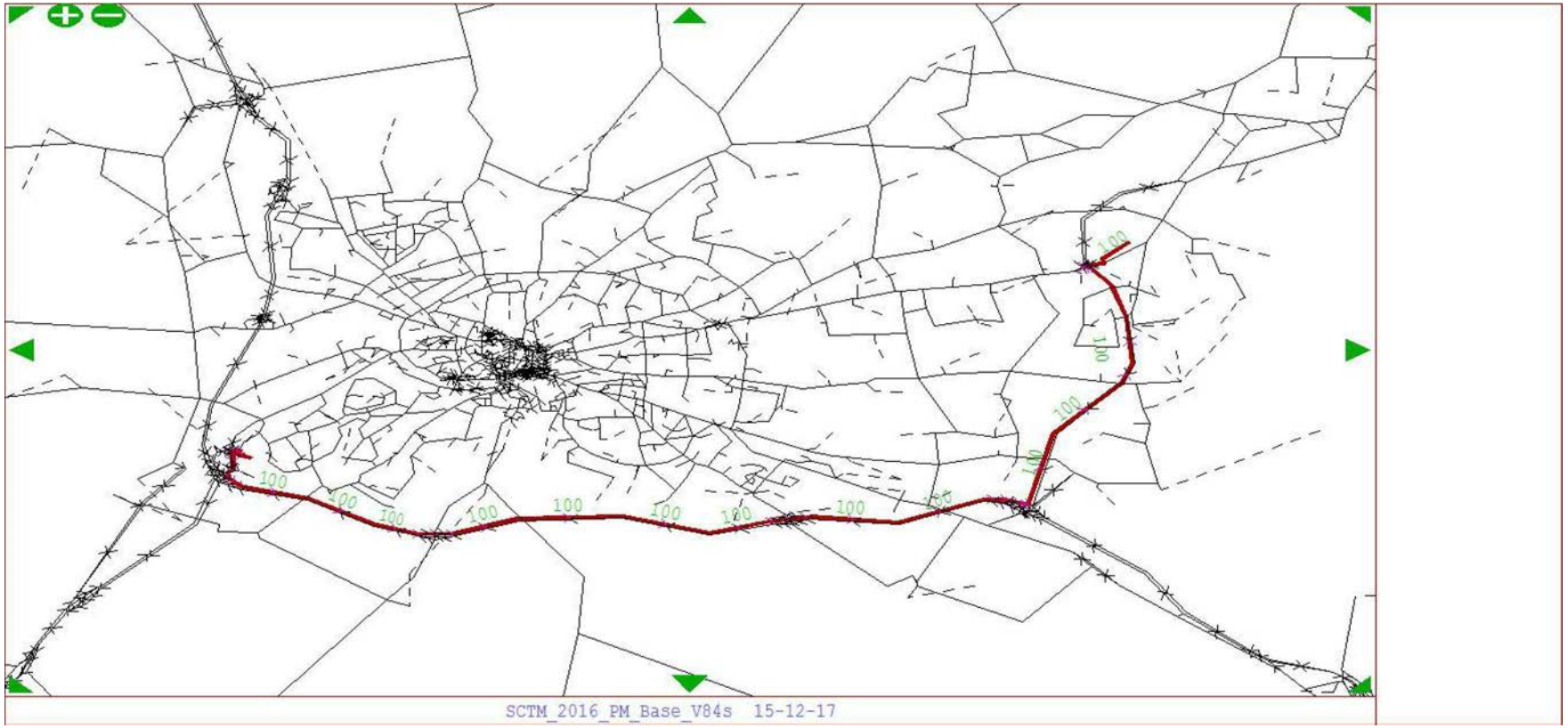
From Zone 673 To Zone 482 - User Class 1



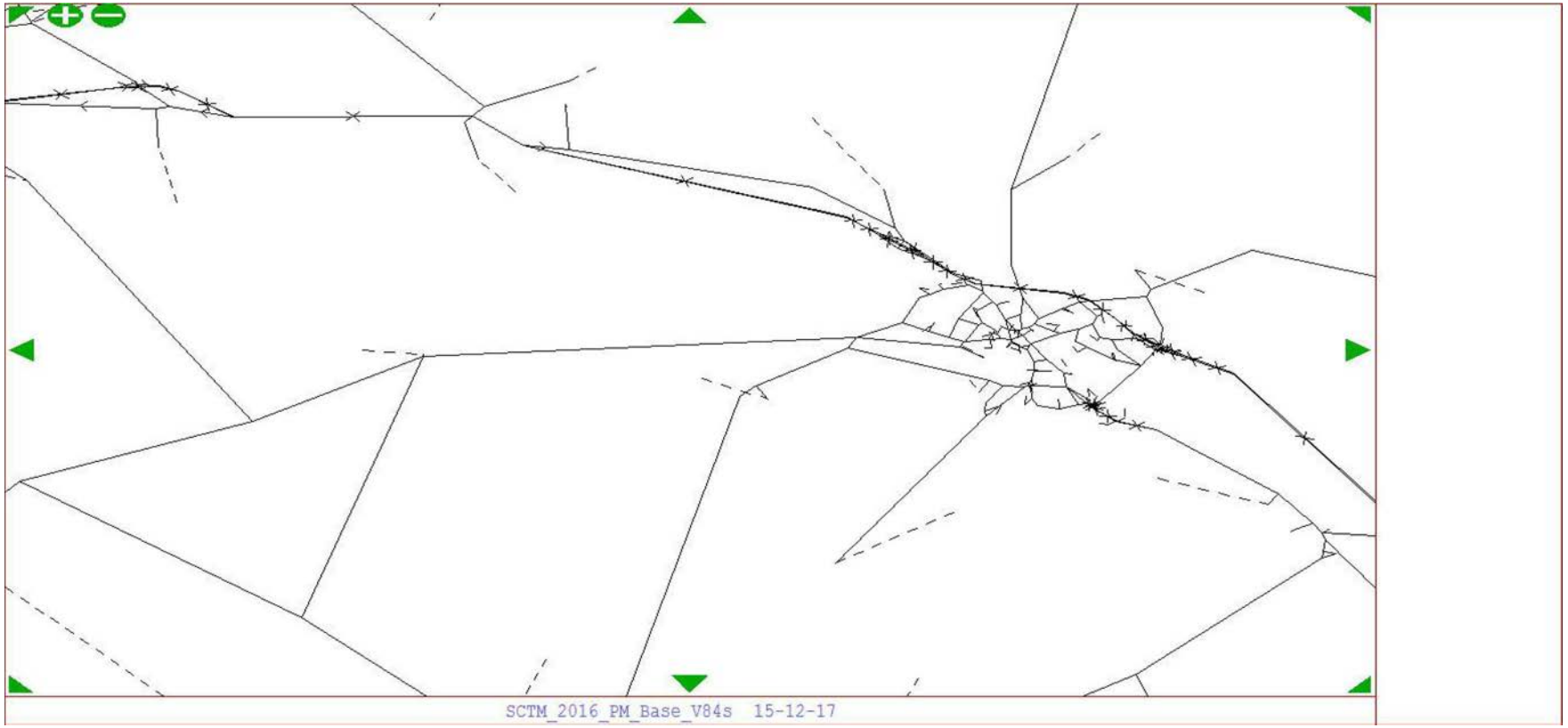
From Zone 673 To Zone 482 - User Class 10



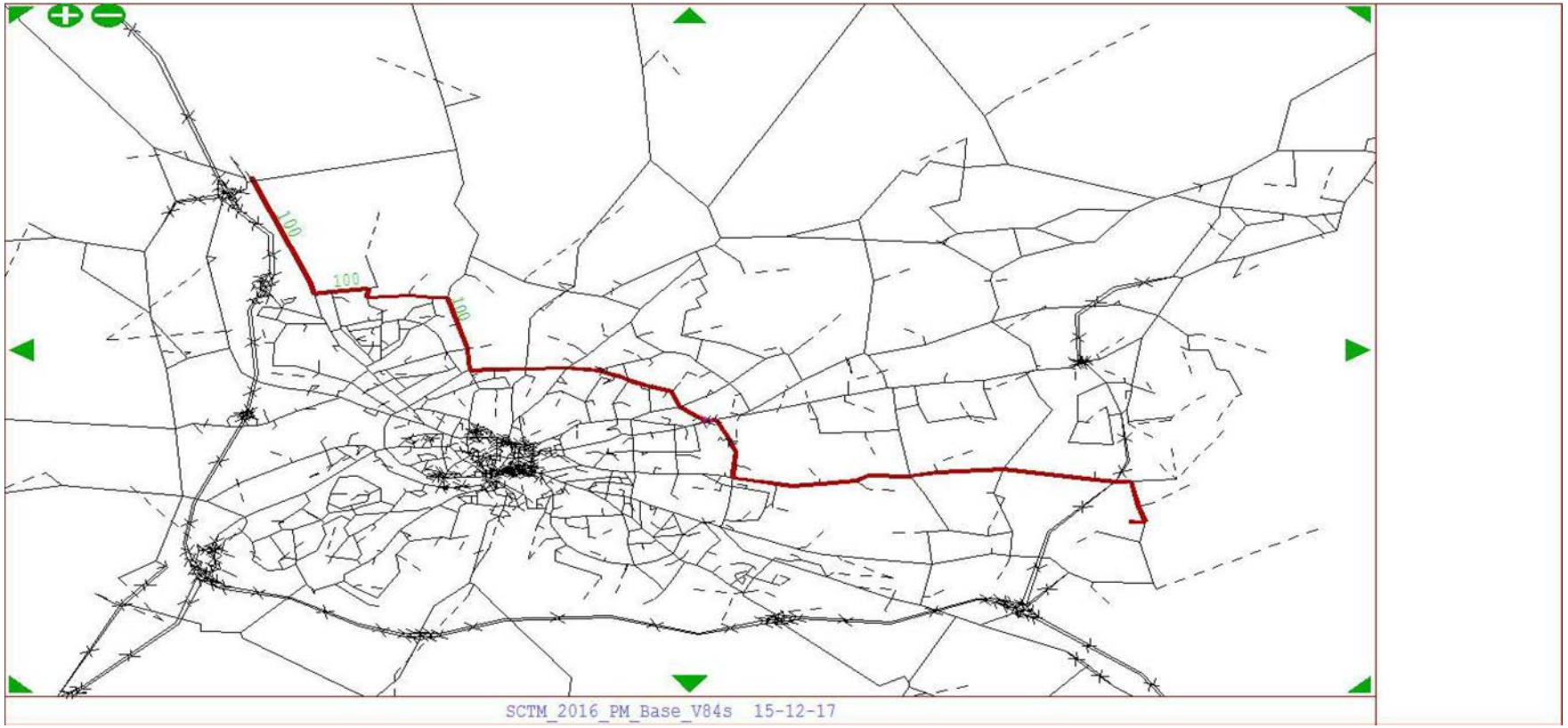
From Zone 482 To Zone 673 - User Class 1



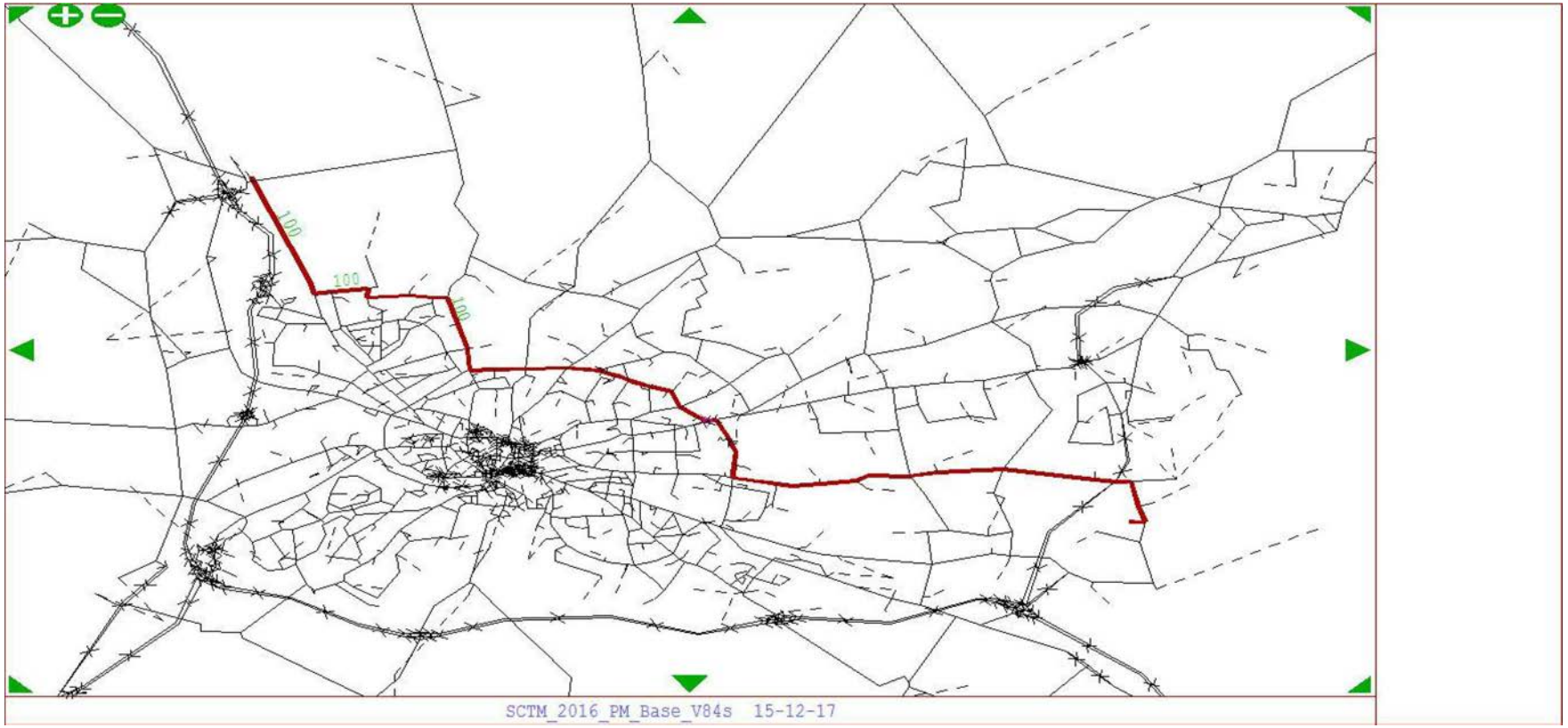
From Zone 482 To Zone 673 - User Class 10



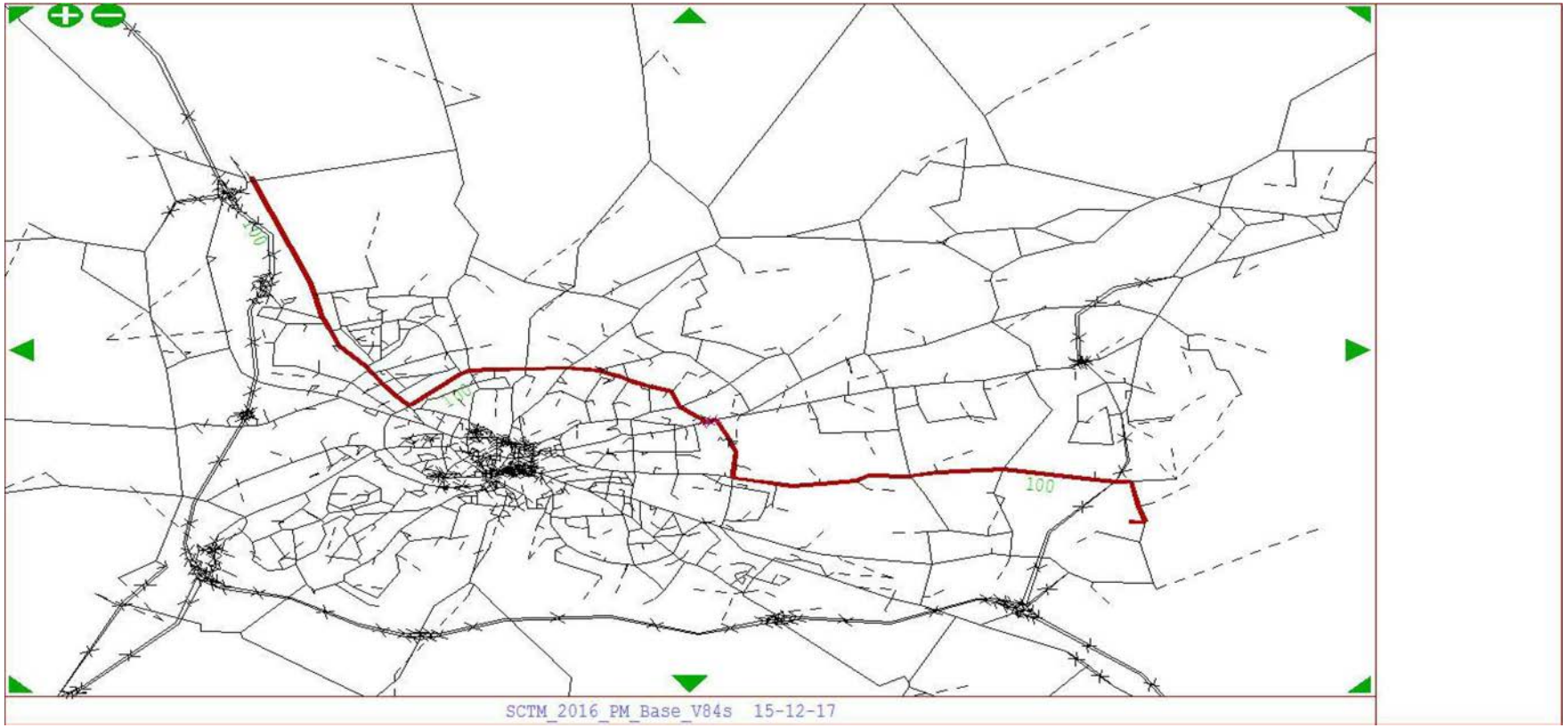
From Zone 253 To Zone 676 - User Class 1



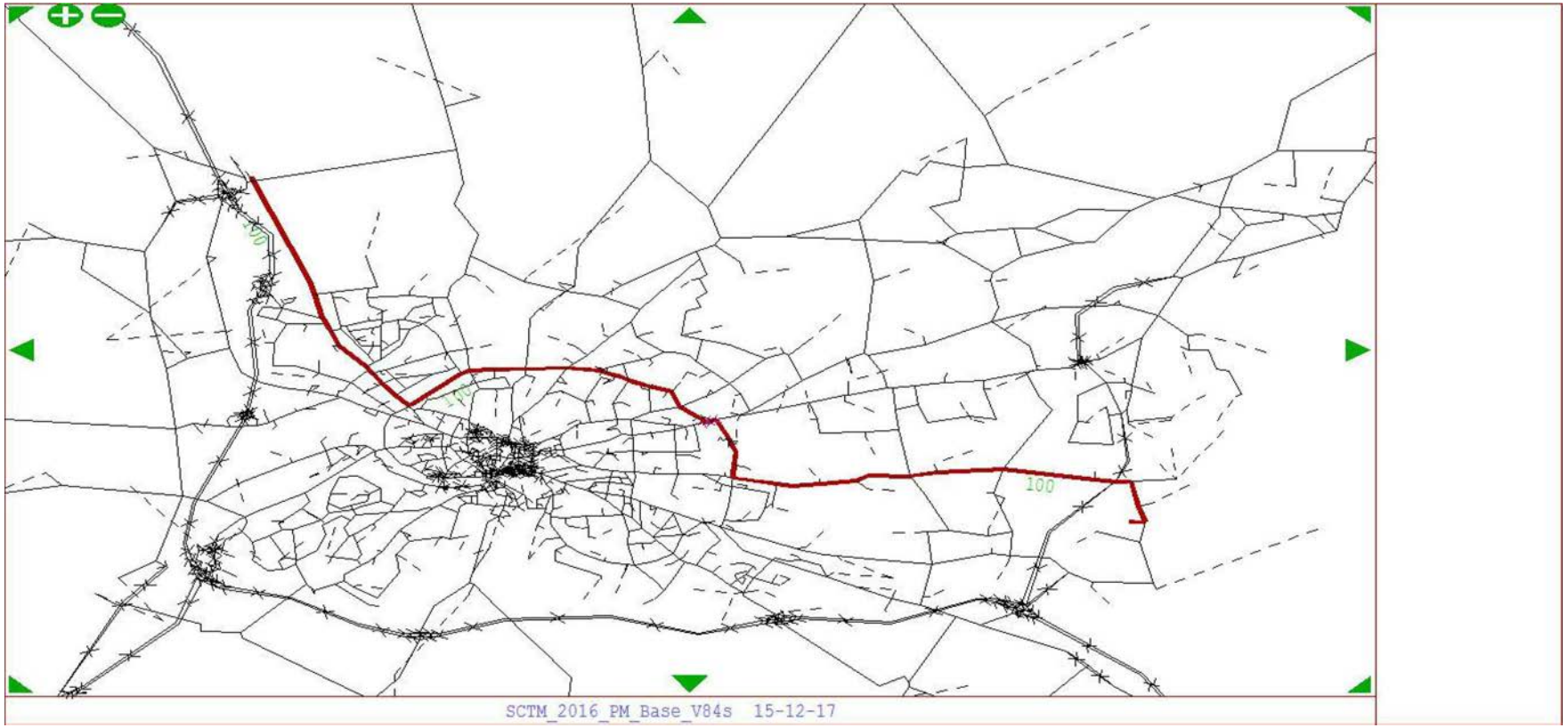
From Zone 253 To Zone 676 - User Class 10



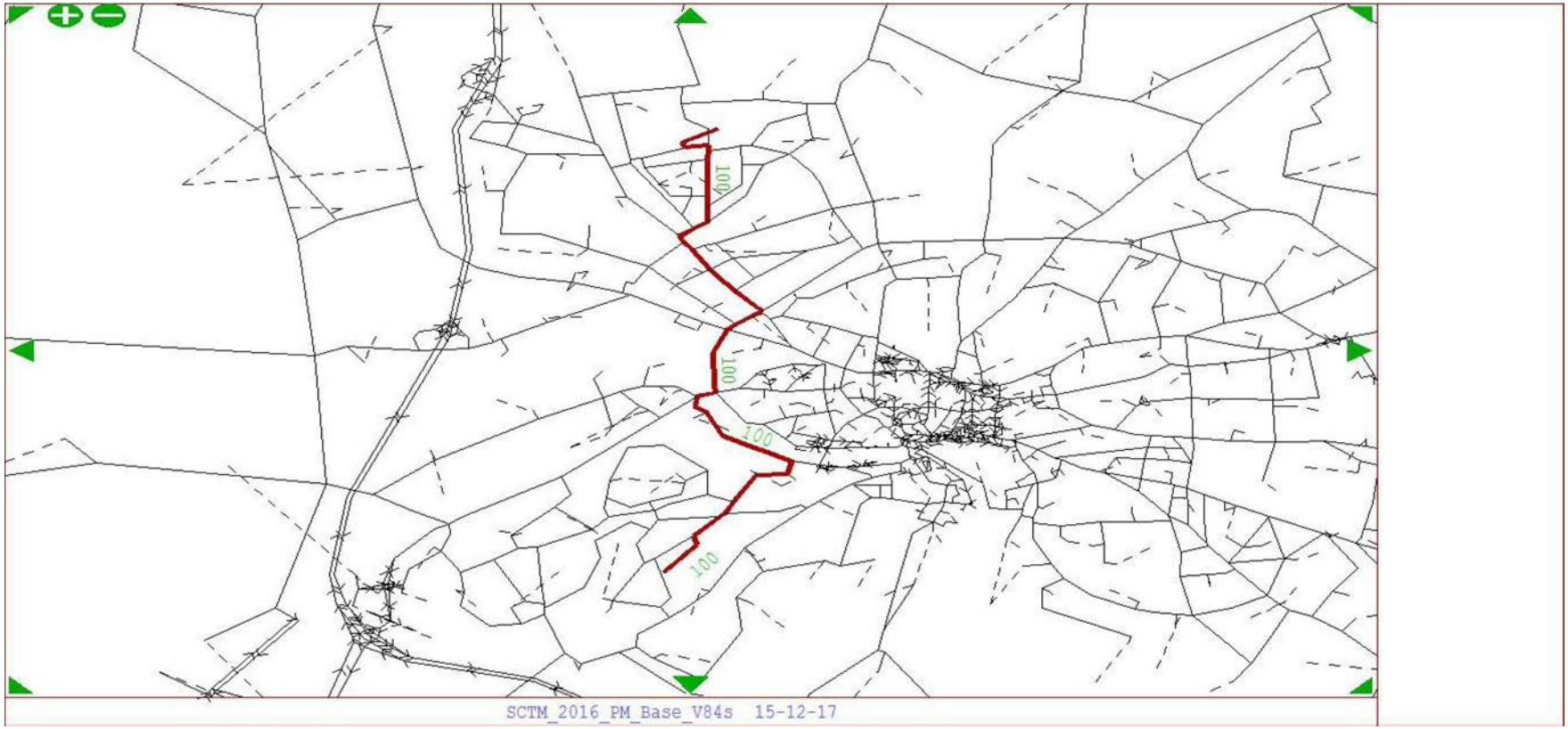
From Zone 676 To Zone 253 - User Class 1



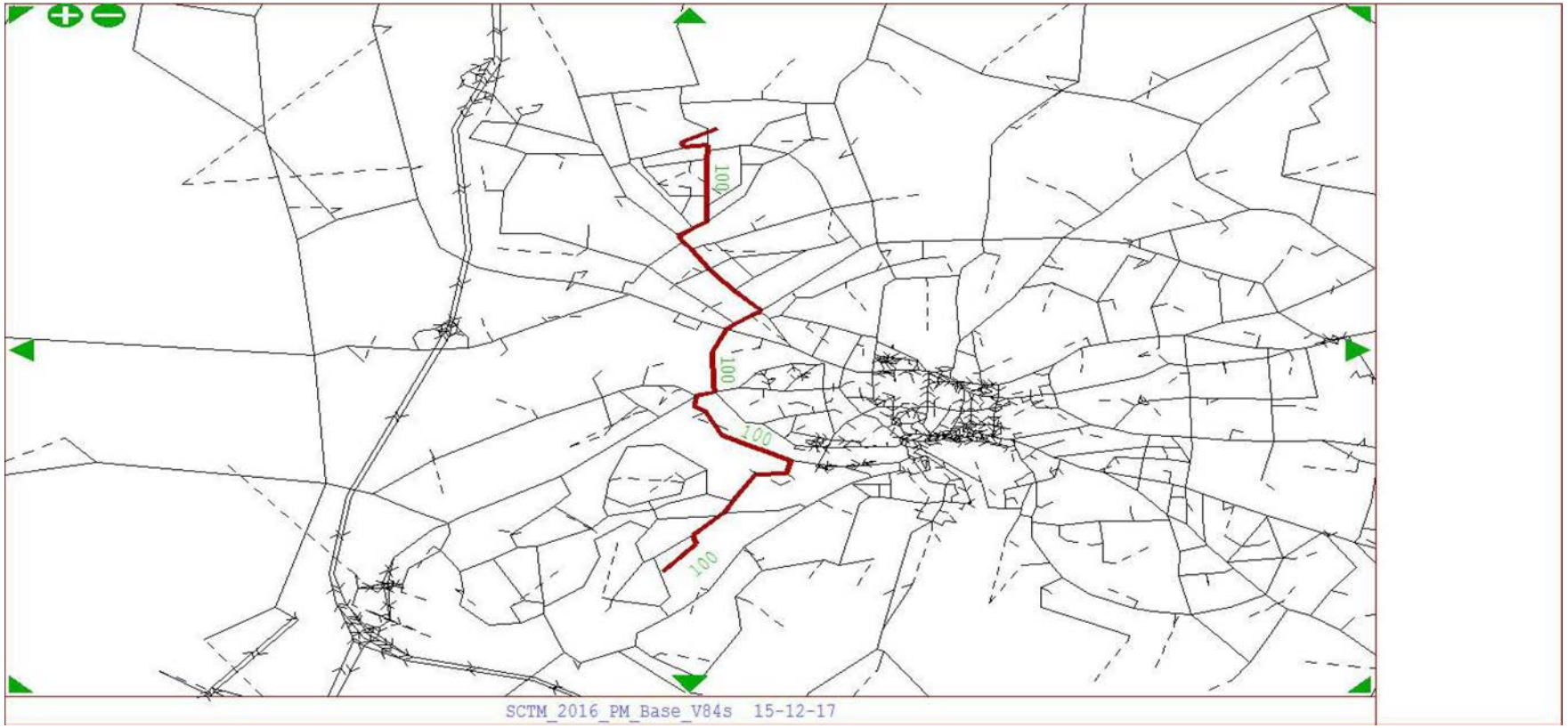
From Zone 676 To Zone 253 - User Class 10



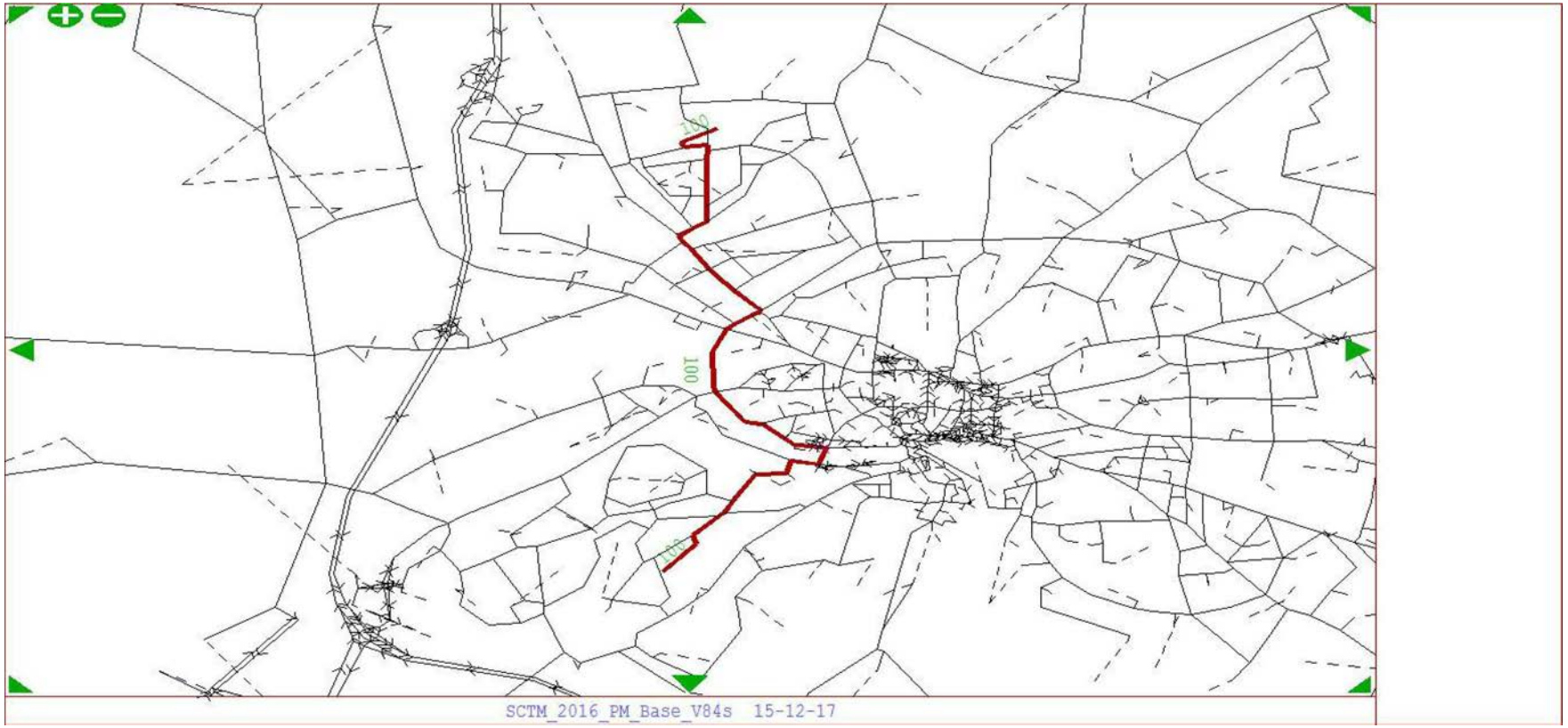
From Zone 114 To Zone 185 - User Class 1



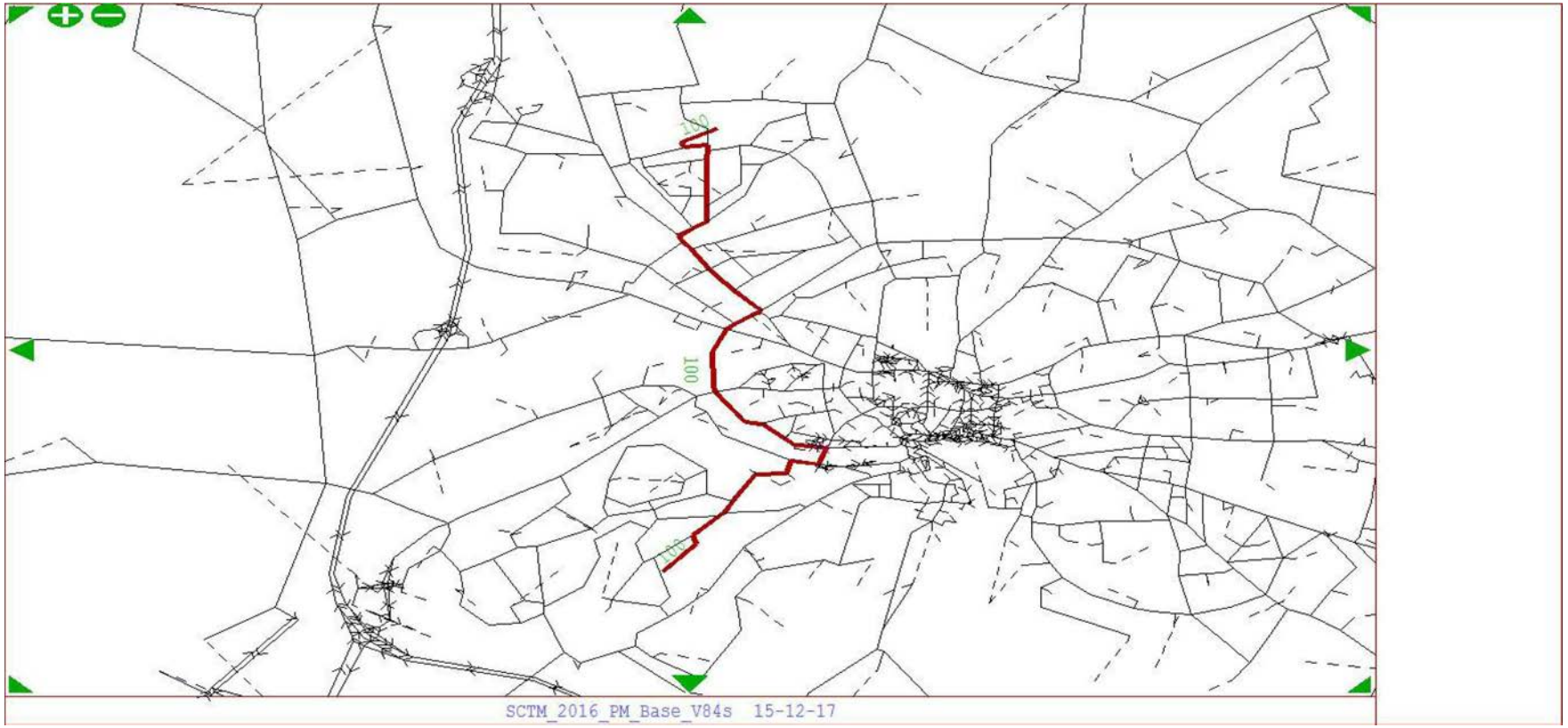
From Zone 114 To Zone 185 - User Class 10



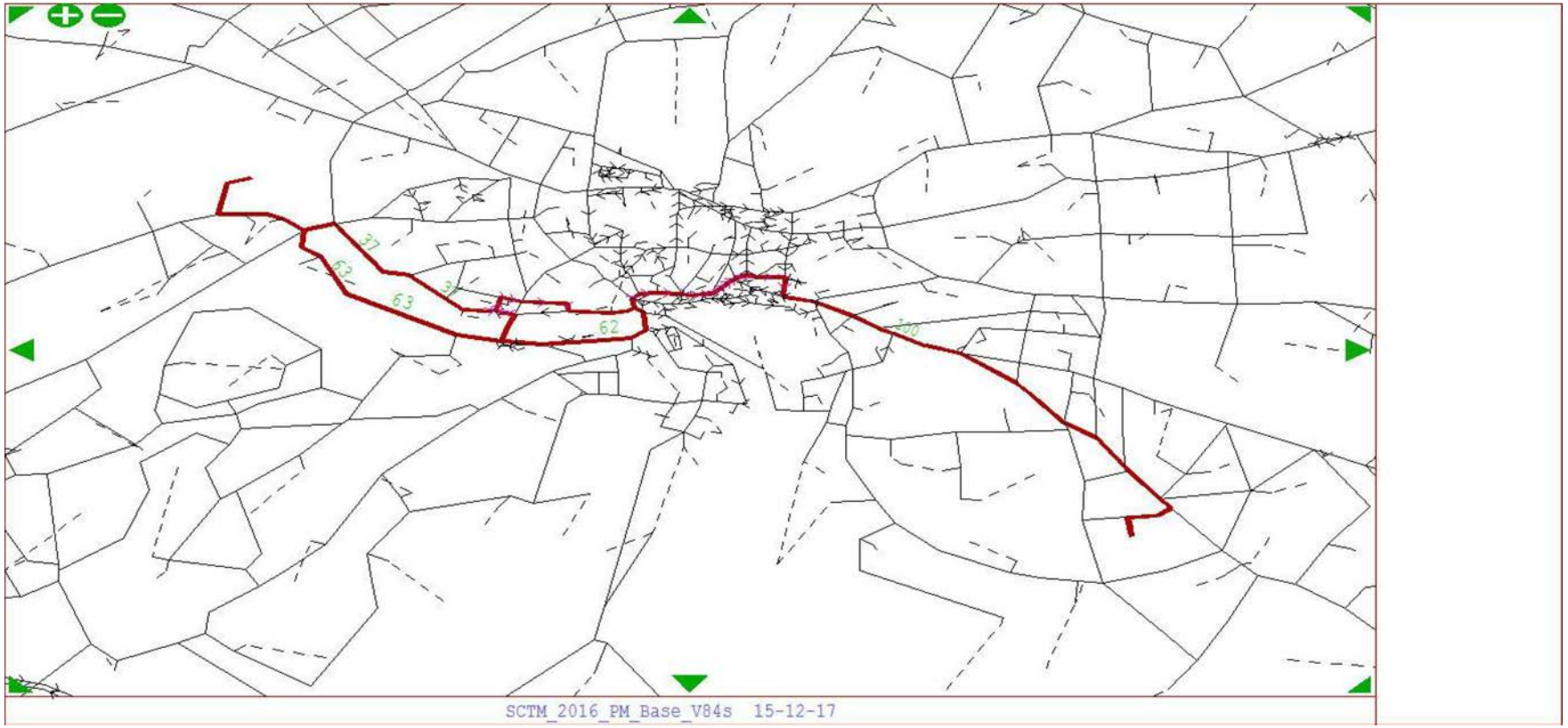
From Zone 185 To Zone 114 - User Class 1



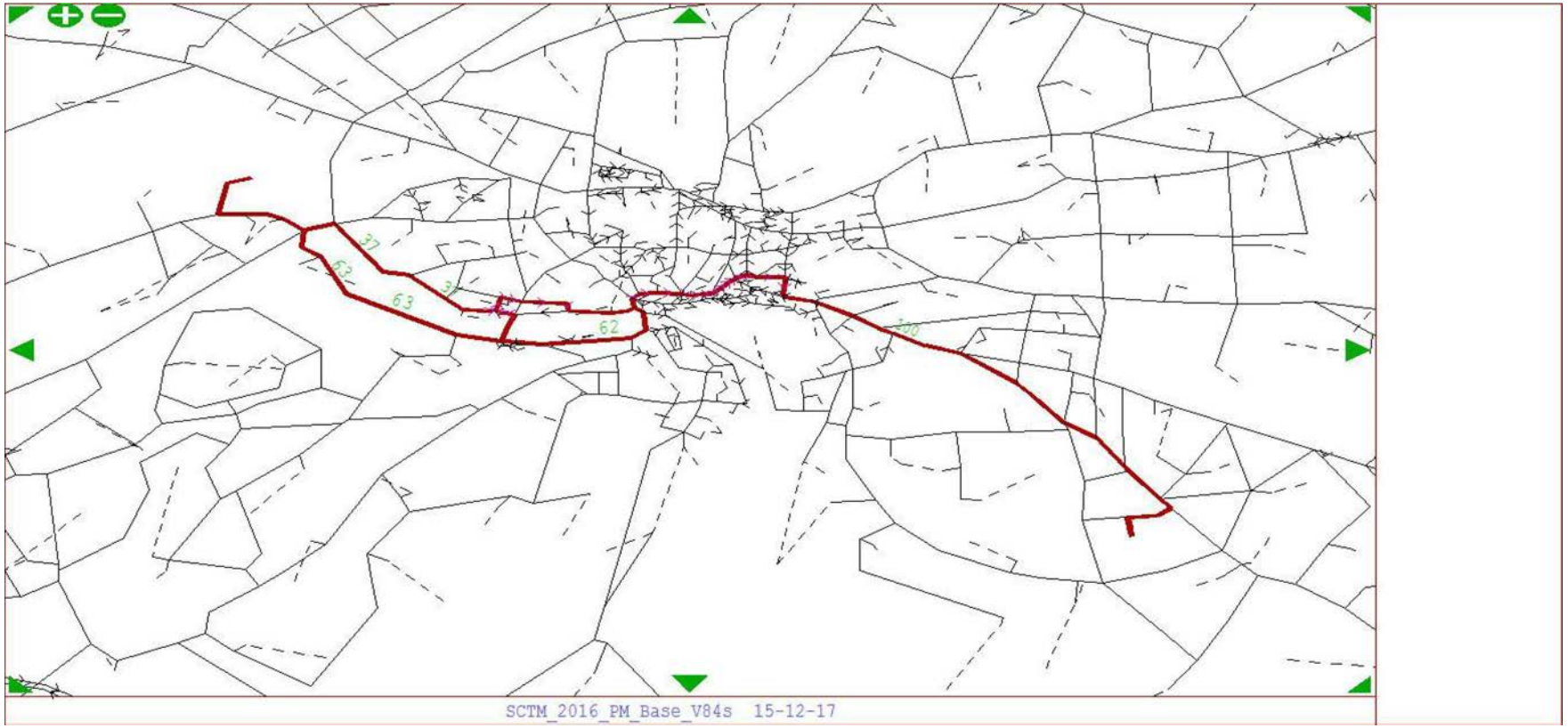
From Zone 185 To Zone 114 - User Class 10



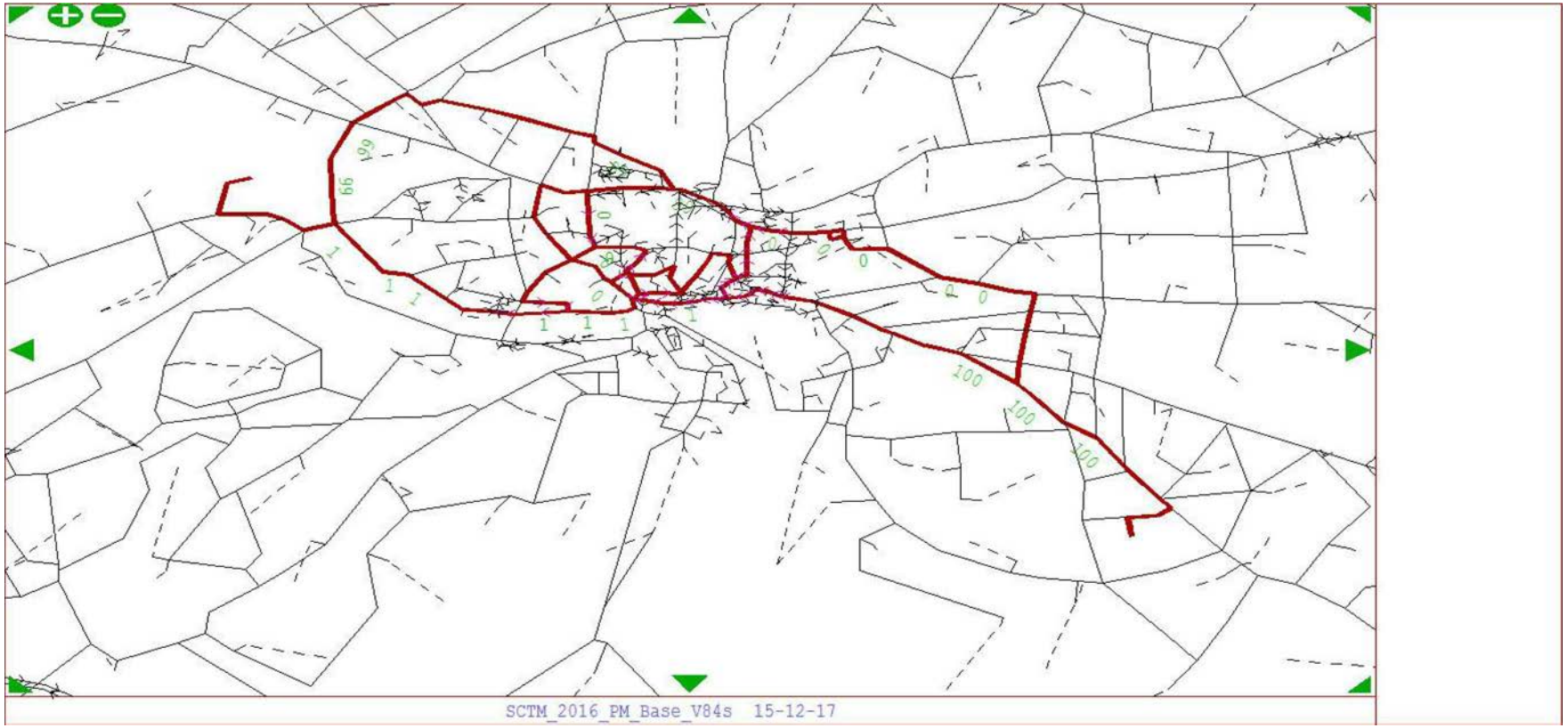
From Zone 735 To Zone 194 - User Class 1



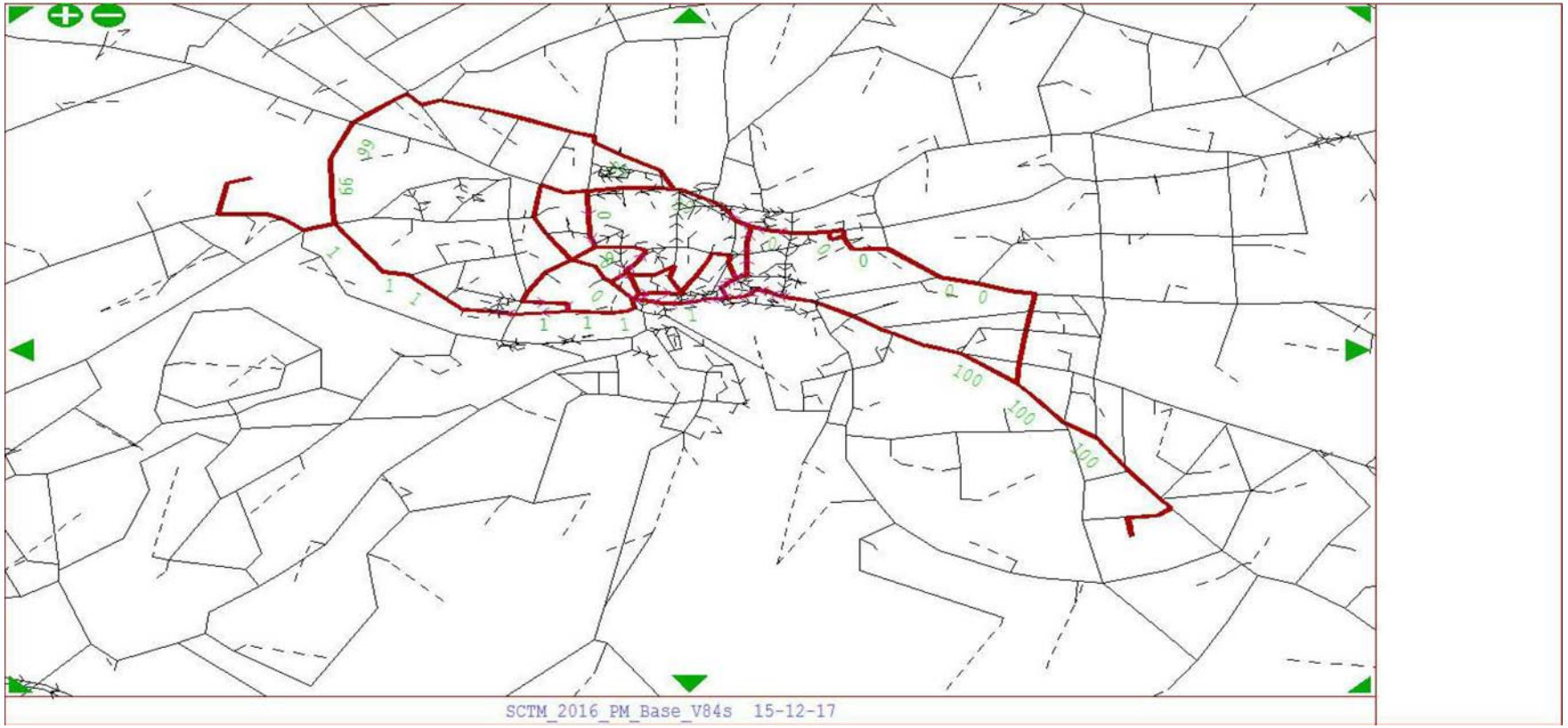
From Zone 735 To Zone 194 - User Class 10



From Zone 194 To Zone 735 - User Class 1



From Zone 194 To Zone 735 - User Class 10



Appendix H

COUNTY WIDE SCREENLINES

Appendix H.1

COUNTY WIDE SCREENLINES AM

Screenline		
ID	Name	Type
1	Screenline 18 South - Inbound	Calibration
2	Screenline 18 South - Outbound	Calibration
7	Screenline 18 North - Inbound	Calibration
8	Screenline 18 North - Outbound	Calibration
31	Ipswich (Inner)- Inbound	Calibration
32	Ipswich (Inner)- Outbound	Calibration
33	Ipswich Outer- Inbound	Calibration
34	Ipswich Outer- Outbound	Calibration
35	Screenline 1 - Inbound	Calibration
36	Screenline 1 - Outbound	Calibration
37	Screenline 2 - Inbound	Calibration
38	Screenline 2 - Outbound	Calibration
39	Screenline 3 - Inbound	Calibration
40	Screenline 3 - Outbound	Calibration
41	Screenline 4 - Inbound	Calibration
42	Screenline 4 - Outbound	Calibration
43	Screenline 5 - Inbound	Calibration
44	Screenline 5 - Outbound	Calibration
45	Screenline 6 - Inbound	Calibration
46	Screenline 6 - Outbound	Calibration
47	Screenline 7 - Inbound	Calibration
48	Screenline 7 - Outbound	Calibration
49	Screenline 8 - Inbound	Calibration
50	Screenline 8 - Outbound	Calibration
51	Screenline 9 - Southbound	Calibration
52	Screenline 9 - Northbound	Calibration

AM Peak															
All				Car				LGV				HGV			
Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
1421	1452	2%	0.824	1191	1191	0%	0.007	194	195	0%	0.065	36	66	83%	4.203
1330	1364	3%	0.941	1115	1117	0%	0.080	182	182	0%	0.058	34	65	92%	4.421
1194	1191	0%	0.094	978	979	0%	0.035	179	175	-2%	0.305	37	37	-1%	0.045
1454	1452	0%	0.050	1251	1253	0%	0.075	165	160	-3%	0.404	38	39	2%	0.099
10385	10516	1%	1.280	9475	9589	1%	1.170	646	659	2%	0.534	264	267	1%	0.184
8923	9090	2%	1.765	8010	8134	2%	1.380	677	697	3%	0.746	236	260	10%	1.524
10796	10852	1%	0.543	8874	8877	0%	0.035	1203	1202	0%	0.037	719	773	8%	1.994
10548	10561	0%	0.119	8099	8102	0%	0.034	1605	1601	0%	0.108	844	858	2%	0.464
2380	2364	-1%	0.328	1960	1949	-1%	0.259	333	333	0%	0.004	87	82	-5%	0.485
2671	2664	0%	0.137	2193	2187	0%	0.125	372	373	0%	0.028	106	104	-2%	0.173
1538	1538	0%	0.017	1245	1245	0%	0.004	211	210	-1%	0.076	82	82	1%	0.065
1747	1746	0%	0.008	1426	1426	0%	0.007	242	242	0%	0.012	79	79	0%	0.013
3162	3213	2%	0.903	2601	2631	1%	0.596	441	460	4%	0.872	120	122	2%	0.177
2730	2834	4%	1.977	2228	2284	3%	1.185	378	391	4%	0.678	124	158	28%	2.918
1552	1546	0%	0.136	1295	1291	0%	0.102	220	218	-1%	0.111	37	37	0%	0.011
1559	1570	1%	0.284	1311	1308	0%	0.097	222	222	0%	0.004	25	40	58%	2.580
2149	2126	-1%	0.498	1768	1750	-1%	0.427	300	294	-2%	0.365	81	82	1%	0.131
1733	1732	0%	0.024	1405	1401	0%	0.120	238	244	2%	0.339	90	88	-2%	0.186
4406	4468	1%	0.935	3562	3602	1%	0.670	604	613	1%	0.333	239	253	6%	0.889
4335	4349	0%	0.226	3486	3490	0%	0.055	591	596	1%	0.168	257	264	3%	0.466
1144	1141	0%	0.093	926	926	0%	0.012	157	157	0%	0.007	61	58	-5%	0.372
1037	1030	-1%	0.205	849	847	0%	0.071	144	144	0%	0.001	44	39	-10%	0.703
811	868	7%	1.962	646	674	4%	1.093	110	139	27%	2.661	56	55	-2%	0.123
1315	1316	0%	0.036	1078	1078	0%	0.006	183	183	0%	0.037	54	55	2%	0.138
1268	1259	-1%	0.258	1014	1015	0%	0.034	172	171	0%	0.048	82	72	-12%	1.099
1069	1063	-1%	0.186	848	847	0%	0.026	144	144	0%	0.003	78	73	-7%	0.619

Screenline			AM Peak														
			All				Car				LGV				HGV			
ID	Name	Type	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
53	Screenline 10 - Westbound	Calibration	1244	1245	0%	**0.048**	993	994	0%	**0.049**	168	169	0%	**0.016**	82	82	0%	**0.005**
54	Screenline 10 - Eastbound	Calibration	690	696	1%	**0.223**	550	551	0%	**0.059**	93	92	-1%	**0.142**	48	53	**12%**	**0.823**
55	Screenline 11 - Northbound	Calibration	879	897	2%	**0.621**	687	683	-1%	**0.148**	116	116	-1%	**0.090**	76	99	**31%**	**2.498**
56	Screenline 11 - Southbound	Calibration	1046	1048	0%	**0.062**	822	822	0%	**0.003**	139	140	1%	**0.075**	84	85	1%	**0.111**
57	Screenline 12 - Eastbound	Calibration	961	960	0%	**0.036**	783	782	0%	**0.013**	133	133	0%	**0.007**	46	45	-2%	**0.122**
58	Screenline 12 - Westbound	Calibration	941	945	0%	**0.107**	766	766	0%	**0.002**	130	132	2%	**0.183**	45	47	3%	**0.187**
59	Screenline 13 - Northbound	Calibration	1467	1472	0%	**0.121**	1132	1131	0%	**0.029**	192	194	1%	**0.141**	144	147	3%	**0.305**
60	Screenline 13 - Southbound	Calibration	2380	2393	1%	**0.278**	1900	1898	0%	**0.054**	322	322	0%	**0.008**	157	173	**10%**	**1.254**
61	Screenline 14 - Northbound	Calibration	1251	1258	1%	**0.196**	988	996	1%	**0.238**	168	167	0%	**0.046**	96	96	0%	**0.005**
62	Screenline 14 - Southbound	Calibration	1134	1130	0%	**0.102**	863	856	-1%	**0.230**	146	147	0%	**0.019**	125	128	2%	**0.274**
63	Screenline 15 - Northbound	Calibration	818	815	0%	**0.109**	661	657	-1%	**0.163**	112	113	1%	**0.099**	45	45	0%	**0.003**
64	Screenline 15 - Southbound	Calibration	980	982	0%	**0.057**	804	804	0%	**0.024**	136	137	0%	**0.048**	40	41	1%	**0.086**

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	AM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
1	Screenline 18 South - Inbound	548	Calibration	Mutfordw	EB	4567	5070					19	48	156%	5.075	16	42	164%	4.820	3	7	158%	1.886	0	0	-100%	0.978
		550	Calibration	Rushmere Road	EB	4566	5000					34	0	-100%	8.271	29	0	-100%	7.572	5	0	-100%	3.056	1	0	-100%	1.320
		552	Calibration	Gisleham	NB	9600	5010					20	19	-8%	0.352	17	17	0%	0.003	3	1	-49%	0.952	1	0	-32%	0.255
		554	Calibration	A146 Beccles Road	EB	4512	2000					634	751	18%	4.449	531	610	15%	3.293	87	105	22%	1.921	16	36	121%	3.849
		558	Calibration	A12 London Road	NB	5390	1000					713	634	-11%	3.061	598	522	-13%	3.191	97	81	-16%	1.682	18	30	66%	2.439
		TOTAL				Calibration			Yes	Yes	Yes	1421	1452	2%	0.824	1191	1191	0%	0.007	194	195	0%	0.065	36	66	83%	4.203
2	Screenline 18 South - Outbound	549	Calibration	Mutfordw	WB	5070	4567					14	22	56%	1.832	12	19	65%	1.923	2	2	20%	0.267	0	0	-60%	0.430
		551	Calibration	Rushmere Road	WB	5000	4566					44	0	-100%	9.366	37	0	-100%	8.574	6	0	-100%	3.460	1	0	-100%	1.495
		553	Calibration	Gisleham	SB	5010	9600					17	22	26%	1.032	15	20	40%	1.395	2	1	-62%	1.147	0	1	48%	0.285
		555	Calibration	A146 Beccles Road	WB	2000	4512					665	812	22%	5.418	557	668	20%	4.467	91	107	18%	1.645	17	37	120%	3.905
		559	Calibration	A12 London Road	SB	1000	5390					590	509	-14%	3.461	494	410	-17%	3.974	81	72	-11%	0.975	15	27	79%	2.593
		TOTAL				Calibration			Yes	Yes	Yes	1330	1364	3%	0.941	1115	1117	0%	0.080	182	182	0%	0.058	34	65	92%	4.421
7	Screenline 18 North - Inbound	606	Calibration	B1074	NB	6324	9440					178	230	29%	3.651	149	192	29%	3.288	24	34	42%	1.872	5	4	-21%	0.470
		609	Calibration	Fixton Road	SB	5656	4563					83	23	-72%	8.259	70	21	-69%	7.176	11	2	-85%	3.779	2	0	-100%	2.061
		611	Calibration	Coast	SB	6326	9510					50	0	-100%	9.939	42	0	-100%	9.098	7	0	-100%	3.672	1	0	-100%	1.590
		1464	Calibration	JTC 4_A-In	0	6280	6270					883	938	6%	1.810	717	765	7%	1.776	137	139	2%	0.189	29	33	14%	0.724
		TOTAL				Calibration			Yes	Yes	Yes	1194	1191	0%	0.094	978	979	0%	0.035	179	175	-2%	0.305	37	37	-1%	0.045
8	Screenline 18 North - Outbound	607	Calibration	B1074	SB	9440	6324					112	142	27%	2.635	94	117	25%	2.242	15	19	24%	0.873	3	6	107%	1.460
		608	Calibration	Fixton Road	NB	4563	5656					51	23	-55%	4.617	43	16	-62%	4.839	7	7	-7%	0.175	1	0	-100%	1.611
		610	Calibration	Coast	NB	9510	6326					61	51	-16%	1.313	51	51	-1%	0.070	8	0	-94%	3.725	2	0	-100%	1.754
		1465	Calibration	JTC 4_A-Out	0	6270	6280					1230	1236	1%	0.180	1063	1069	1%	0.197	135	134	0%	0.046	32	33	1%	0.069
		TOTAL				Calibration			Yes	Yes	Yes	1454	1452	0%	0.050	1251	1253	0%	0.075	165	160	-3%	0.404	38	39	2%	0.099
		2216	Calibration	Tuddenha	SB	30790	30541					548	680	24%	5.354	532	663	25%	5.361	14	10	-32%	1.307	1	7	500%	2.968
		2218	Calibration	Sidegate Lane	WB	30556	30327					244	110	-55%	10.121	237	104	-56%	10.211	6	6	0%	0.002	1	0	-98%	1.514
		2220	Calibration	Renfew	SB	30400	30770					139	202	45%	4.835	124	200	61%	5.971	14	2	-88%	4.443	0	0	-100%	0.994
		2222	Calibration	Humber Douchy Lane	SB	30641	30300					80	113	40%	3.275	75	111	47%	3.702	4	1	-81%	2.212	1	1	11%	0.087
		2224	Calibration	East of Humber Douchy Road	WB	30562	30300					127	229	80%	7.617	123	211	72%	6.817	3	11	245%	2.921	1	7	661%	2.962
		692	Calibration	A1214 Woodbridge Road	WB	30301	30298					838	861	3%	0.796	768	797	4%	1.007	43	60	39%	2.327	26	5	-83%	5.518
		696	Calibration	Foxhall Road	WB	30394	30372					418	305	-27%	5.980	375	296	-21%	4.283	33	7	-80%	5.882	11	2	-85%	3.689
		2226	Calibration	Bucklesham Road	WB	30628	30440					112	40	-64%	8.234	105	35	-67%	8.376	6	1	-74%	2.242	1	4	188%	1.547
		1702	Calibration	Warren Heath	WB	30256	30255					893	980	10%	2.843	727	878	21%	5.329	123	77	-37%	4.606	43	25	-42%	3.073
		2227	Calibration	Lindbergh Road North of Campbell Road	NB	30435	30254					164	142	-13%	1.756	155	139	-10%	1.297	8	1	-84%	3.135	1	2	75%	0.637

												AM Peak															
												All				Car				LGV				HGV			
ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
31	Ipswich (Inner)-Inbound	2229	Calibration	Nacton Road South of Landseer Road	NB	30671	30241					624	623	0%	0.053	570	552	-3%	0.747	38	63	66%	3.527	16	8	-53%	2.487
		848	Calibration	Jn 40 Clapgate Lane - Landseer Road from Clapgate Lane S	0	30376	30235					212	83	-61%	10.594	199	80	-60%	10.078	11	4	-69%	2.862	2	0	-100%	2.006
		2259	Calibration	Landseer Road West Of Clapgate Lane	EB	30676	30235					342	504	48%	7.906	303	409	35%	5.614	29	66	125%	5.303	9	30	214%	4.561
		2231	Calibration	Cliff Lane East of Landseer Road	EB	30227	30686					115	88	-23%	2.641	105	84	-20%	2.154	9	4	-59%	2.079	1	0	-52%	0.563
		2233	Calibration	Holywell Road South of Patteson Road	NB	70114	30226					425	365	-14%	3.019	381	301	-21%	4.379	39	39	0%	0.020	4	25	531%	5.522
		2235	Calibration	Cliff Road South of Patterson Road	NB	70076	70094					102	62	-39%	4.321	79	55	-30%	2.913	13	6	-56%	2.340	10	2	-82%	3.370
		2271	Calibration	Bridge Street	NB	30214	70166					987	1432	45%	12.795	883	1308	48%	12.827	39	104	165%	7.629	65	21	-68%	6.733
		972	Calibration	Jn 21 Princes Street - Burrell Road to Princes Street	0	30168	20318					516	513	-1%	0.155	486	483	-1%	0.120	30	30	0%	0.024	1	0	-100%	1.423
		2237	Calibration	Between Hadham Road and Yarmouth Road	EB	30148	20014					1141	696	-39%	14.684	1035	616	-40%	14.584	69	38	-45%	4.268	37	42	14%	0.840
		2239	Calibration	Between Beaconsfield Road and Yarmouth Road	EB	30819	20025					550	531	-3%	0.799	506	494	-2%	0.551	35	36	3%	0.170	8	1	-87%	3.365
		2242	Calibration	Bramford Lane Between All Saints and Brookshall Road	SB	30746	30145					311	95	-70%	15.169	302	89	-71%	15.233	7	5	-36%	1.076	2	1	-27%	0.359
		2244	Calibration	Norwich road Between Broom Hill and Westwood	SB	20267	20027					907	1129	24%	6.952	848	1012	19%	5.379	48	77	59%	3.609	10	39	283%	5.845
		2246	Calibration	Dale Hall Lane North of Valley Road	SB	20270	20043					281	217	-22%	3.999	267	178	-33%	5.937	11	5	-59%	2.333	3	35	1187%	7.400

												AM Peak															
												All				Car				LGV				HGV			
ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		2248	Calibration	Henley Road N of Valley Road	SB	30334	20044					312	518	66%	10.096	290	495	71%	10.343	12	10	-18%	0.634	10	13	27%	0.807
		TOTAL				Calibration			Yes	Yes	Yes	10385	10516	1%	1.280	9475	9589	1%	1.170	646	659	2%	0.534	264	267	1%	0.184
		2215	Calibration	Tuddenha	NB	30541	30790					216	270	25%	3.434	206	244	19%	2.554	8	20	141%	3.134	2	5	181%	1.787
		2217	Calibration	Sidegate Lane	EB	30327	30556					217	146	-33%	5.293	200	135	-32%	4.979	13	4	-67%	2.991	5	7	40%	0.797
		2219	Calibration	Renfrew	NB	30770	30400					204	90	-56%	9.418	190	87	-54%	8.768	13	3	-80%	3.780	1	0	-44%	0.425
		2221	Calibration	Humber Douchy Lane	NB	30300	30641					110	173	57%	5.287	104	165	60%	5.338	6	5	-22%	0.566	1	3	309%	1.665
		2223	Calibration	East of Humber Douchy Road	EB	30300	30562					189	264	39%	4.962	178	230	29%	3.666	9	31	251%	4.943	3	3	15%	0.239
		691	Calibration	A1214 Woodbridge Road	EB	30298	30301					537	568	6%	1.320	463	479	3%	0.723	51	72	43%	2.756	23	17	-27%	1.400
		695	Calibration	Foxhall Road	EB	30372	30394					536	676	26%	5.722	486	649	34%	6.871	39	17	-57%	4.212	11	10	-5%	0.167
		2225	Calibration	Bucklesham Road	EB	30440	30628					124	47	-62%	8.342	113	37	-68%	8.876	10	7	-31%	1.033	1	3	427%	1.957
		1701	Calibration	Warren Heath	EB	30255	30256					1096	1224	12%	3.747	892	1117	25%	7.094	151	78	-48%	6.836	52	28	-46%	3.780
		2228	Calibration	Lindbergh Road North of Campbell Road	SB	30254	30435					116	92	-20%	2.307	109	86	-21%	2.266	6	2	-64%	1.954	1	4	292%	1.850
		2230	Calibration	Nacton Road South of Landseer Road	SB	30241	30671					557	648	16%	3.739	511	556	9%	1.958	34	74	118%	5.448	12	18	56%	1.707
		1041	Calibration	Jn 40 Clapgate Lane - Landseer Road to Clapgate Lane S	0	30235	30376					154	64	-58%	8.602	139	62	-56%	7.726	15	3	-82%	4.174	0	0	0%	0.093
		2260	Calibration	Landseer Road West Of Clapgate Lane	WB	30235	30676					573	567	-1%	0.250	519	505	-3%	0.601	38	38	2%	0.120	17	24	40%	1.516
		2232	Calibration	Cliff Lane East of Landseer Road	WB	30686	30227					198	140	-29%	4.434	188	133	-29%	4.334	8	6	-30%	0.908	2	2	-19%	0.311
32	**Ipswich (Inner)-Outbound**	2234	Calibration	Holywell Road South of Patteson Road	SB	30226	70114					277	295	6%	1.055	239	242	1%	0.174	32	35	10%	0.551	6	18	191%	3.420
		2236	Calibration	Cliff Road South of Patterson Road	SB	70094	70076					38	37	-3%	0.187	32	30	-5%	0.275	3	6	84%	1.283	3	0	-88%	1.941
		2272	Calibration	Bridge Street	SB	70166	30214					754	1107	47%	11.556	676	989	46%	10.851	45	104	129%	6.749	33	14	-57%	3.878
		779	Calibration	Jn 21 Princes Street - Burrell Road from Princes Street	0	20318	30168					205	187	-9%	1.286	173	164	-5%	0.700	32	23	-28%	1.705	0	0	0%	0.000

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	AM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		2238	Calibration	Between Hadham Road and Yarmouth Road	WB	20014	30148					940	693	-26%	8.668	837	608	-27%	8.513	65	56	-14%	1.126	38	28	-26%	1.745
		2240	Calibration	Between Beaconsfield Road and Yarmouth Road	WB	20025	30819					401	394	-2%	0.317	369	345	-6%	1.245	29	41	44%	2.150	3	7	151%	1.966
		2241	Calibration	Bramford Lane Between All Saints and Brookshall Road	NB	30145	30746					43	95	123%	6.325	41	90	121%	6.075	1	2	82%	0.796	1	3	300%	1.708
		2243	Calibration	Norwich road Between Broom Hill and Westwood	NB	20027	20267					756	905	20%	5.172	699	840	20%	5.075	41	61	50%	2.881	16	3	-79%	4.035
		2245	Calibration	Dale Hall Lane North of Valley Road	NB	20043	20270					217	239	10%	1.416	203	191	-6%	0.896	13	5	-63%	2.777	1	43	5270%	9.026
		2247	Calibration	Henley Road N of Valley Road	NB	20044	30334					463	168	-64%	16.626	444	148	-67%	17.175	15	4	-74%	3.548	5	16	228%	3.414
		TOTAL				Calibration			Yes	Yes	Yes	8923	9090	2%	1.765	8010	8134	2%	1.380	677	697	3%	0.746	236	260	10%	1.524
		2120	Calibration	Saw Hill	NB	50035	50034					431	171	-60%	14.961	391	164	-58%	13.667	34	6	-84%	6.416	5	2	-64%	1.729
		17	Calibration	Ipswich A1071	EB	5641	50034					393	455	16%	3.013	315	413	31%	5.175	53	36	-33%	2.597	25	6	-77%	4.935
		2122	Calibration	Burstall	EB	5841	30135					281	230	-18%	3.139	266	205	-23%	3.985	13	23	77%	2.347	1	3	80%	0.812
		2124	Calibration	Somersham Road East of The Beeches	EB	5643	50029					186	742	298%	25.779	175	654	272%	23.484	10	78	663%	10.198	1	10	1529%	4.085
		118	Calibration	Claydon Bramford Road	SB	50026	50027					323	677	110%	15.849	260	520	100%	13.160	44	80	82%	4.604	19	77	312%	8.419
		1259	Calibration	JTC 13_D-Out	0	50018	30505					205	35	-83%	15.458	185	31	-83%	14.761	14	2	-83%	4.060	6	2	-72%	2.211
		2127	Calibration	Henley Road	SB	50084	50083					401	239	-40%	9.049	380	214	-44%	9.610	19	22	17%	0.714	2	3	21%	0.288
		2129	Calibration	Westerfield Road	SB	50082	30536					196	269	37%	4.779	185	238	29%	3.657	10	26	169%	3.881	2	5	212%	1.830
		2131	Calibration	Clopton Road	SB	50080	50077					93	21	-78%	9.608	90	18	-80%	9.862	2	1	-24%	0.354	1	1	36%	0.343
		2133	Calibration	Unamed Road[30M]Btwn Holly Lane And Grundisburgh Road	SB	50063	50065					301	416	39%	6.121	286	400	40%	6.142	12	14	23%	0.731	3	2	-17%	0.299
		2135	Calibration	Ipswich Road[60M]North Of Culpho	SB	50073	50074					108	291	170%	12.970	105	285	172%	12.922	3	2	-9%	0.140	0	3	662%	2.112

												AM Peak															
												All				Car				LGV				HGV			
ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
33	Ipswich Outer-Inbound	2137	Calibration	Lodge Road[30M]East Of Manor House Road	SB	50059	30313					49	1	-97%	9.527	45	1	-97%	9.126	4	0	-97%	2.682	0	0	-88%	0.552
		1659	Calibration	A12 Woodbridge	SB	50051	50050					1506	1527	1%	0.542	1237	1241	0%	0.105	210	223	6%	0.861	59	64	8%	0.610
		358	Calibration	Woodbridge Ipswich Road	WB	6014	50107					420	309	-26%	5.797	350	279	-20%	4.014	59	25	-57%	5.227	11	5	-52%	1.968
		2139	Calibration	Sandy Lane[60M]East Of Top Street	WB	5448	5447					49	172	251%	11.698	46	164	254%	11.458	3	8	205%	2.347	0	0	125%	0.346
		2140	Calibration	School Lane[60M]East Of Viking Heights	NB	30580	30309					70	97	39%	2.997	63	79	25%	1.898	6	14	131%	2.538	0	4	876%	2.298
		2143	Calibration	14139-021 Suffolk. Newbourne Road East of A12. Westbound	WB	30613	30611					333	94	-72%	16.321	284	86	-70%	14.596	36	6	-83%	6.554	12	2	-81%	3.627
		2145	Calibration	14139-022 Suffolk. Main Road East of Road Connects Seven Hills. Westbound	WB	30618	30356					86	62	-28%	2.745	81	53	-34%	3.330	4	8	122%	1.809	1	1	-48%	0.615
		1752	Calibration	A14/2010 B; MIDAS site at A14/2010 B priority 1 on link 106053402	WB	30353	30104					1661	1701	2%	0.972	1219	1239	2%	0.567	142	153	8%	0.948	300	308	3%	0.483
		2147	Calibration	14139-024 Suffolk. Felixstowe Road East of A1156. Westbound	WB	30349	30259					151	5	-96%	16.436	139	0	-100%	16.661	10	0	-100%	4.462	2	5	177%	1.813
		2148	Calibration	14139-025 Suffolk. The Street South of Felixstowe Road. Northbound	NB	30263	30258					95	56	-42%	4.555	91	45	-50%	5.484	4	10	171%	2.433	1	0	-100%	1.217

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	AM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		2150	Calibration	14139-026 Suffolk. Nacton Road South of A14. Northbound	NB	30260	30080					129	82	-36%	4.550	124	58	-53%	6.962	4	15	253%	3.447	0	9	8314%	4.221
		1662	Calibration	Freston Hill	NB	3106	50049					677	498	-26%	7.375	553	462	-16%	4.045	94	26	-72%	8.730	30	10	-66%	4.455
		15	Calibration	Ipswich A137	NB	30347	30062					558	526	-6%	1.387	458	433	-5%	1.192	78	71	-9%	0.814	23	23	-1%	0.029
		659	Calibration	Grove Hill	NB	30223	30203					111	42	-62%	7.893	99	39	-61%	7.291	10	1	-86%	3.664	2	2	21%	0.256
		1240	Calibration	JTC 11_C-In	0	50040	30797					1985	2133	7%	3.252	1446	1557	8%	2.864	326	349	7%	1.262	213	226	6%	0.903
		TOTAL				Calibration			Yes	Yes	Yes	10796	10852	1%	0.543	8874	8877	0%	0.035	1203	1202	0%	0.037	719	773	8%	1.994
		2121	Calibration	Saw Hill	SB	50034	50035					197	140	-29%	4.393	166	57	-65%	10.267	31	22	-27%	1.645	0	60	18213%	10.889
		18	Calibration	Ipswich A1071	WB	50034	5641					494	399	-19%	4.479	390	326	-16%	3.379	66	69	4%	0.336	38	5	-88%	7.229
		2123	Calibration	Burstall	WB	30135	5841					93	199	114%	8.797	88	150	71%	5.697	4	47	1080%	8.532	1	2	92%	0.834
		2125	Calibration	Somersham Road East of The Beeches	WB	50029	5643					110	746	579%	30.759	100	643	545%	28.191	9	94	908%	11.796	1	9	962%	3.710
		117	Calibration	Claydon Bramford Road	NB	50027	50025					477	749	57%	10.985	385	629	63%	10.823	65	98	51%	3.651	26	21	-19%	0.995
		1258	Calibration	JTC 13_D-In	0	30505	50018					93	36	-61%	7.065	68	27	-60%	5.935	21	7	-68%	3.832	4	2	-40%	0.892
		1849	Calibration	A14 MIDAS site at A14/1813 B priority 1 on link 106063901	WB	50024	50022					2694	2700	0%	0.115	1778	1786	0%	0.180	491	485	-1%	0.245	425	429	1%	0.183
		2126	Calibration	Henley Road	NB	50083	50084					318	286	-10%	1.824	300	254	-15%	2.780	17	18	6%	0.234	1	15	1031%	4.769
		2128	Calibration	Westerfield Road	NB	30536	50082					148	127	-14%	1.824	134	110	-18%	2.135	13	16	24%	0.796	2	1	-42%	0.644
		2130	Calibration	Clopton Road	NB	50077	50080					38	32	-16%	1.046	34	24	-30%	1.920	4	3	-12%	0.225	0	5	2084%	2.888
		2132	Calibration	Unamed Road[30M]Btwn Holly Lane And Grundisburgh Road	NB	50065	50063					147	244	66%	6.920	140	211	50%	5.296	6	28	346%	5.213	1	6	841%	2.896
		2134	Calibration	Ipswich Road[60M]North Of Culpho	NB	50074	50073					74	110	49%	3.749	67	102	51%	3.767	5	8	41%	0.868	1	0	-100%	1.405
		2136	Calibration	Lodge Road[30M]East Of Manor House Road	NB	30313	50059					50	2	-96%	9.397	48	2	-96%	9.258	1	0	-87%	1.375	0	0	-96%	0.882
		1660	Calibration	A12 Woodbridge	NB	50050	50051					1284	1185	-8%	2.823	1055	910	-14%	4.641	179	190	6%	0.792	50	86	71%	4.310

												AM Peak															
												All				Car				LGV				HGV			
ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
34	Ipswich Outer-Outbound	357	Calibration	Woodbridge Ipswich Road	EB	50107	6014					614	521	-15%	3.902	515	474	-8%	1.838	87	44	-49%	5.304	12	2	-78%	3.413
		2138	Calibration	Sandy Lane[60M]East Of Top Street	EB	5447	5448					38	124	224%	9.533	34	113	228%	9.166	4	10	171%	2.377	0	1	439%	1.186
		2141	Calibration	School Lane[60M]East Of Viking Heights	SB	30309	30580					78	252	222%	13.532	72	221	209%	12.375	5	30	445%	5.791	1	1	-9%	0.104
		2142	Calibration	14139-021 Suffolk. Newbourne Road East of A12. Eastbound	EB	30611	30613					259	84	-68%	13.348	222	70	-68%	12.536	27	10	-64%	4.058	10	4	-60%	2.209
		2144	Calibration	14139-022 Suffolk. Main Road East of Road Connects Seven Hills. Eastbound	EB	30356	30618					112	43	-61%	7.790	101	38	-63%	7.597	9	5	-49%	1.715	2	1	-50%	0.738
		2146	Calibration	14139-024 Suffolk. Felixstowe Road East of A1156. Eastbound	EB	30259	30349					152	10	-93%	15.735	141	1	-99%	16.570	10	1	-94%	4.066	1	8	586%	3.284
		2149	Calibration	14139-025 Suffolk. The Street South of Felixstowe Road. Southbound	SB	30258	30263					134	138	3%	0.308	127	112	-12%	1.349	7	26	286%	4.740	1	0	-100%	1.217
		2151	Calibration	14139-026 Suffolk. Nacton Road South of A14. Southbound	SB	30080	30260					78	100	29%	2.374	72	80	11%	0.906	5	13	170%	2.759	0	6	2815%	3.396
		1661	Calibration	Freston Hill	SB	50049	3106					405	275	-32%	7.053	330	205	-38%	7.695	56	61	8%	0.615	18	9	-49%	2.386
		16	Calibration	Ipswich A137	SB	30062	30347					382	399	5%	0.900	308	327	6%	1.069	52	52	0%	0.003	21	20	-6%	0.275
		660	Calibration	Grove Hill	SB	30203	30223					88	16	-82%	10.037	78	14	-82%	9.430	8	2	-80%	3.019	2	0	-99%	1.721
		1241	Calibration	JTC 11_C-Out	0	30798	50041					1992	1643	-18%	8.192	1344	1216	-10%	3.591	422	264	-37%	8.527	226	163	-28%	4.503

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												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
	TOTAL						Calibration		Yes	Yes	Yes	10548	10561	0%	0.119	8099	8102	0%	0.034	1605	1601	0%	0.108	844	858	2%	0.464
35	**Screenline 1 - Inbound**	84	Calibration	Newmark	SB	2506	2490					759	997	31%	8.031	624	842	35%	8.039	106	95	-10%	1.106	29	61	108%	4.690
		86	Calibration	Newmark et A1304 Bury Road	SB	2534	2447					571	545	-5%	1.117	471	403	-14%	3.230	80	136	70%	5.379	21	6	-70%	3.986
		96	Calibration	Newmark	WB	2479	2478					349	156	-55%	12.197	292	129	-56%	11.262	50	19	-62%	5.265	8	8	3%	0.087
		91	Calibration	Newmark et A1304 Barbara Stradbroke Avenue	EB	2437	2438					453	304	-33%	7.641	371	236	-36%	7.760	63	63	-1%	0.044	18	5	-71%	3.798
		94	Calibration	Newmark et Exning Road	SB	2514	2485					247	362	47%	6.585	203	340	68%	8.319	34	21	-40%	2.615	10	2	-84%	3.500
	TOTAL						Calibration		Yes	Yes	Yes	2380	2364	-1%	0.328	1960	1949	-1%	0.259	333	333	0%	0.004	87	82	-5%	0.485
36	**Screenline 1 - Outbound**	83	Calibration	Newmark	NB	2490	2506					681	1009	48%	11.285	552	801	45%	9.592	94	148	59%	4.983	36	60	66%	3.444
		85	Calibration	Newmark et A1304 Bury Road	NB	2447	2534					393	469	19%	3.651	324	368	13%	2.329	55	93	69%	4.421	14	8	-40%	1.671
		95	Calibration	Newmark	EB	2478	2479					144	69	-52%	7.200	115	52	-55%	6.879	20	13	-33%	1.614	9	4	-55%	1.902
		92	Calibration	Newmark et A1304 Barbara Stradbroke Avenue	WB	2438	2437					804	905	13%	3.476	661	777	17%	4.312	112	101	-10%	1.036	30	27	-11%	0.613
		93	Calibration	Newmark et Exning Road	NB	2485	2514					649	211	-68%	21.138	540	189	-65%	18.395	92	17	-82%	10.205	17	5	-70%	3.580
	TOTAL						Calibration		Yes	Yes	Yes	2671	2664	0%	0.137	2193	2187	0%	0.125	372	373	0%	0.028	106	104	-2%	0.173
37	**Screenline 2 - Inbound**	240	Calibration	Haverhill	WB	2625	2584					504	471	-7%	1.484	415	386	-7%	1.458	70	72	2%	0.173	18	13	-28%	1.275
		259	Calibration	Haverhill Bumpstead Road	NB	2543	2544					258	343	33%	4.927	209	305	46%	5.979	35	26	-26%	1.692	13	12	-8%	0.282
		245	Calibration	Haverhill	NB	2556	2612					342	474	39%	6.536	267	358	34%	5.179	45	72	59%	3.472	30	44	46%	2.286
		251	Calibration	Haverhill A1307	EB	2611	2605					334	199	-40%	8.284	273	154	-44%	8.174	46	35	-24%	1.741	14	10	-32%	1.336
		248	Calibration	Haverhill Queens Street	SB	2628	2603					101	51	-50%	5.757	81	43	-48%	4.933	14	5	-62%	2.797	6	3	-47%	1.285
	TOTAL						Calibration		Yes	Yes	Yes	1538	1538	0%	0.017	1245	1245	0%	0.004	211	210	-1%	0.076	82	82	1%	0.065
38	**Screenline 2 - Outbound**	239	Calibration	Haverhill	EB	2584	2625					367	321	-12%	2.457	306	268	-12%	2.222	52	38	-27%	2.096	9	16	65%	1.725
		260	Calibration	Haverhill Bumpstead Road	SB	2544	2543					455	451	-1%	0.216	375	392	5%	0.876	64	43	-33%	2.833	17	16	-6%	0.264
		246	Calibration	Haverhill	SB	2612	2556					258	282	9%	1.441	191	171	-10%	1.449	32	79	144%	6.257	35	32	-10%	0.607
		252	Calibration	Haverhill A1307	WB	2605	2611					489	608	24%	5.098	405	528	30%	5.658	69	70	2%	0.201	15	10	-31%	1.286
		247	Calibration	Haverhill Queens Street	NB	2603	2628					177	84	-53%	8.153	149	67	-55%	7.937	25	12	-55%	3.222	3	6	115%	1.509
	TOTAL						Calibration		Yes	Yes	Yes	1747	1746	0%	0.008	1426	1426	0%	0.007	242	242	0%	0.012	79	79	0%	0.013
39	**Screenline 3 - Inbound**	36	Calibration	Sudbury	SB	5829	2789					311	312	0%	0.052	246	246	0%	0.029	42	42	1%	0.051	24	24	1%	0.026
		40	Calibration	Sudbury Waldingfield Road	WB	3545	3536					409	422	3%	0.653	344	342	-1%	0.120	58	71	22%	1.607	7	10	37%	0.906
		42	Calibration	Sudbury	WB	3503	2783					540	612	13%	3.013	429	469	9%	1.885	73	106	46%	3.517	38	38	-2%	0.141
		61	Calibration	Sudbury Gt.Cornard	NB	2673	2676					465	456	-2%	0.415	391	385	-2%	0.328	66	68	3%	0.232	8	4	-55%	1.808
		65	Calibration	Sudbury Friars Street	EB	2701	2700					224	186	-17%	2.666	188	160	-15%	2.094	32	17	-46%	2.975	5	9	91%	1.615

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												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		45	Calibration	Sudbury A131 Ballingdon Street	EB	3540	2785					610	625	2%	0.590	500	517	4%	0.777	85	69	-18%	1.783	26	38	50%	2.261
		38	Calibration	Sudbury B1064	SB	2790	2762					602	599	-1%	0.130	504	513	2%	0.393	86	86	1%	0.049	13	0	-100%	5.000
		TOTAL				Calibration			Yes	Yes	Yes	3162	3213	2%	0.903	2601	2631	1%	0.596	441	460	4%	0.872	120	122	2%	0.177
40	**Screenline 3 - Outbound**	35	Calibration	Sudbury	NB	2789	5829					471	447	-5%	1.130	376	362	-4%	0.729	64	62	-3%	0.277	31	23	-26%	1.533
		39	Calibration	Sudbury Waldingfield Road	EB	3536	3545					223	152	-32%	5.163	185	123	-33%	4.950	31	23	-28%	1.705	7	7	-7%	0.182
		41	Calibration	Sudbury	EB	2783	3503					493	623	26%	5.499	397	502	26%	4.950	67	92	36%	2.738	29	29	2%	0.092
		62	Calibration	Sudbury Gt.Cornard	SB	2676	2673					360	304	-15%	3.056	298	265	-11%	2.017	51	30	-40%	3.198	11	10	-14%	0.472
		66	Calibration	Sudbury Friars Street	WB	2700	2701					217	254	17%	2.460	181	173	-4%	0.607	31	36	19%	0.986	5	45	852%	8.061
		46	Calibration	Sudbury A131 Ballingdon Street	WB	2785	3540					579	723	25%	5.640	471	588	25%	5.106	80	90	13%	1.131	29	45	55%	2.637
		37	Calibration	Sudbury B1064	NB	2762	2790					386	329	-15%	2.999	319	271	-15%	2.843	54	58	8%	0.547	12	0	-100%	4.890
		TOTAL				Calibration			Yes	Yes	Yes	2730	2834	4%	1.977	2228	2284	3%	1.185	378	391	4%	0.678	124	158	28%	2.918
41	**Screenline 4 - Inbound**	278	Calibration	Felixstowe	SB	2913	2914					859	843	-2%	0.534	722	746	3%	0.905	122	67	-45%	5.713	15	30	107%	3.284
		282	Calibration	Felixstowe A1021 Beatrice Ave	SB	2912	2911					399	579	45%	8.128	332	447	35%	5.844	56	132	134%	7.785	11	0	-100%	4.708
		296	Calibration	Felixstowe	SB	3566	2939					294	124	-58%	11.719	242	98	-59%	11.007	41	19	-53%	3.915	11	7	-40%	1.491
		TOTAL				Calibration			Yes	Yes	Yes	1552	1546	0%	0.136	1295	1291	0%	0.102	220	218	-1%	0.111	37	37	0%	0.011
42	**Screenline 4 - Outbound**	277	Calibration	Felixstowe	NB	2914	2913					641	745	16%	3.931	540	564	4%	0.990	92	152	65%	5.437	9	30	219%	4.600
		281	Calibration	Felixstowe A1021 Beatrice Ave	NB	2911	2912					400	435	9%	1.694	336	409	22%	3.775	57	26	-55%	4.913	7	0	-100%	3.663
		295	Calibration	Felixstowe	NB	2939	3566					518	391	-25%	5.953	434	335	-23%	5.081	74	45	-39%	3.691	10	11	13%	0.392
		TOTAL				Calibration			Yes	Yes	Yes	1559	1570	1%	0.284	1311	1308	0%	0.097	222	222	0%	0.004	25	40	58%	2.580
43	**Screenline 5 - Inbound**	146	Calibration	Stowmark	SB	2382	2375					194	504	159%	16.576	153	412	169%	15.401	26	76	193%	7.018	15	15	3%	0.125
		144	Calibration	Stowmarket B1115	WB	2380	2379					373	234	-37%	7.995	309	190	-39%	7.586	52	34	-34%	2.740	11	10	-12%	0.425
		151	Calibration	Stowmark	NB	2390	2318					836	626	-25%	7.771	690	497	-28%	7.913	117	95	-19%	2.126	30	34	15%	0.796
		147	Calibration	Stowmarket B1115 Finborough Rd	EB	2350	2349					141	246	74%	7.518	117	204	74%	6.876	20	32	62%	2.419	4	9	120%	1.951
		156	Calibration	Stowmarket A1038 Bury Road	SB	3494	2340					604	516	-15%	3.709	499	447	-10%	2.366	85	56	-34%	3.442	21	13	-36%	1.808
		TOTAL				Calibration			Yes	Yes	Yes	2149	2126	-1%	0.498	1768	1750	-1%	0.427	300	294	-2%	0.365	81	82	1%	0.131
44	**Screenline 5 - Outbound**	145	Calibration	Stowmark	NB	2375	2382					117	310	165%	13.199	93	240	158%	11.377	16	56	257%	6.751	8	14	67%	1.684
		143	Calibration	Stowmarket B1115	EB	2379	2380					390	219	-44%	9.769	318	171	-46%	9.378	54	33	-38%	3.090	18	15	-19%	0.841
		152	Calibration	Stowmark	SB	2318	2390					653	620	-5%	1.296	525	543	3%	0.762	89	50	-44%	4.751	38	28	-28%	1.868
		148	Calibration	Stowmarket B1115 Finborough Rd	WB	2349	2350					125	229	83%	7.816	102	174	70%	6.090	17	42	141%	4.501	6	13	145%	2.593

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												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		155	Calibration	Stowmarket A1038 Bury Road	NB	2340	3494					448	353	-21%	4.744	366	272	-26%	5.254	62	62	0%	0.028	19	18	-6%	0.289
		TOTAL				Calibration			Yes	Yes	Yes	1733	1732	0%	0.024	1405	1401	0%	0.120	238	244	2%	0.339	90	88	-2%	0.186
45	Screenline 6 - Inbound	194	Calibration	Bury St	SB	2232	2230					403	204	-49%	11.450	331	170	-49%	10.178	56	16	-72%	6.751	16	18	13%	0.501
		192	Calibration	Bury St Edmunds B1106 Thetford Road	SWB	2235	2220					620	489	-21%	5.550	518	424	-18%	4.333	88	51	-42%	4.397	14	14	0%	0.005
		200	Calibration	Bury St	SB	2234	2087					926	1042	13%	3.713	696	803	15%	3.900	118	140	18%	1.903	112	100	-11%	1.160
		221	Calibration	Bury St Edmunds Hollow Road	NB	1358	3427					199	95	-52%	8.544	153	86	-44%	6.183	26	6	-77%	5.029	20	4	-82%	4.682
		204	Calibration	Bury St Edmunds Mount Road	WB	2284	2282					500	583	17%	3.570	420	448	7%	1.360	71	103	45%	3.408	9	32	257%	5.083
		169	Calibration	Bury St Edmunds A134 Sicklesmere Road	NB	2132	2111					347	950	173%	23.655	270	762	182%	21.631	46	150	227%	10.538	31	38	21%	1.128
		171	Calibration	Bury St Edmunds A143 Horringer Road	NB	2144	2143					284	483	70%	10.153	233	421	81%	10.450	39	52	32%	1.879	13	10	-22%	0.820
		187	Calibration	Bury St Edmunds Westley Road	EB	2180	2155					528	238	-55%	14.829	449	200	-56%	13.856	76	35	-55%	5.583	3	4	33%	0.507
		186	Calibration	Bury St Edmunds Tut Hill	SB	2232	2198					598	383	-36%	9.695	492	288	-41%	10.289	83	60	-28%	2.778	23	35	52%	2.214
		TOTAL				Calibration			Yes	Yes	Yes	4406	4468	1%	0.935	3562	3602	1%	0.670	604	613	1%	0.333	239	253	6%	0.889
46	Screenline 6 - Outbound	193	Calibration	Bury St	NB	2230	2232					336	323	-4%	0.735	267	252	-6%	0.951	45	50	11%	0.738	24	21	-13%	0.664
		191	Calibration	Bury St Edmunds B1106 Thetford Road	NEB	2220	2235					312	680	118%	16.554	258	573	122%	15.466	44	94	115%	6.061	10	14	31%	0.945
		199	Calibration	Bury St	NB	2087	2234					882	1026	16%	4.677	645	814	26%	6.260	109	113	3%	0.344	127	99	-22%	2.653
		222	Calibration	Bury St Edmunds Hollow Road	SB	3427	1358					499	101	-80%	22.960	402	73	-82%	21.340	68	16	-76%	7.994	29	12	-59%	3.764
		203	Calibration	Bury St Edmunds Mount Road	EB	2282	2284					398	296	-26%	5.458	331	212	-36%	7.254	56	69	24%	1.669	10	15	44%	1.297
		170	Calibration	Bury St Edmunds A134 Sicklesmere Road	SB	2111	2132					544	809	49%	10.169	440	635	44%	8.418	75	122	63%	4.767	30	52	74%	3.460
		172	Calibration	Bury St Edmunds A143 Horringer Road	SB	2143	2144					411	361	-12%	2.562	341	294	-14%	2.646	58	56	-3%	0.229	12	10	-12%	0.429
		188	Calibration	Bury St Edmunds Westley Road	WB	2155	2180					310	277	-11%	1.916	263	238	-10%	1.620	45	35	-22%	1.532	2	4	168%	1.514

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												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		185	Calibration	Bury St Edmunds Tut Hill	NB	2198	2232					643	476	-26%	7.053	538	399	-26%	6.448	91	39	-57%	6.445	13	38	195%	4.959
		TOTAL				Calibration			Yes	Yes	Yes	4335	4349	0%	0.226	3486	3490	0%	0.055	591	596	1%	0.168	257	264	3%	0.466
47	Screenline 7 - Inbound	374	Calibration	Beccles	SB	2845	2839					429	573	34%	6.433	350	478	37%	6.313	59	59	0%	0.009	20	35	78%	2.947
		389	Calibration	Beccles Bridge Street	EB	2852	2847					232	167	-28%	4.626	190	120	-37%	5.659	32	47	46%	2.377	10	0	-100%	4.453
		377	Calibration	Beccles	NB	2861	5652					241	143	-41%	7.064	193	115	-40%	6.258	33	17	-47%	3.102	16	11	-31%	1.316
		375	Calibration	Beccles B1062 Bungay Road	EB	2862	2827					242	258	7%	1.018	194	213	10%	1.345	33	33	2%	0.088	16	12	-23%	0.970
		TOTAL				Calibration			Yes	Yes	Yes	1144	1141	0%	0.093	926	926	0%	0.012	157	157	0%	0.007	61	58	-5%	0.372
48	Screenline 7 - Outbound	373	Calibration	Beccles	NB	2839	2845					418	407	-3%	0.574	341	346	1%	0.242	58	40	-30%	2.513	19	21	8%	0.325
		390	Calibration	Beccles Bridge Street	WB	2847	2852					192	202	6%	0.766	162	156	-4%	0.520	28	47	70%	3.167	2	0	-100%	2.000
		378	Calibration	Beccles	SB	5652	2861					221	197	-11%	1.665	178	159	-10%	1.430	30	29	-3%	0.179	13	8	-35%	1.386
		376	Calibration	Beccles B1062 Bungay Road	WB	2827	2862					206	224	9%	1.253	168	186	11%	1.396	28	28	-3%	0.136	10	10	5%	0.168
		TOTAL				Calibration			Yes	Yes	Yes	1037	1030	-1%	0.205	849	847	0%	0.071	144	144	0%	0.001	44	39	-10%	0.703
49	Screenline 8 - Inbound	236	Calibration	Great Wickhambrook B1063	SB	2481	3743					111	129	17%	1.685	90	103	14%	1.308	15	20	29%	1.047	5	6	24%	0.505
		268	Calibration		SB	5938	3774					99	76	-23%	2.471	82	57	-31%	3.028	14	14	3%	0.126	3	4	61%	0.891
		206	Calibration	Horninger	SWB	1011	5638					303	241	-21%	3.786	242	192	-21%	3.406	41	42	2%	0.119	20	7	-64%	3.520
		34	Calibration	Alpheton A134	SB	5931	2793					298	422	42%	6.530	231	322	39%	5.451	39	63	61%	3.360	28	37	33%	1.623
		TOTAL				Calibration			Yes	Yes	Yes	811	868	7%	1.962	646	674	4%	1.093	110	139	27%	2.661	56	55	-2%	0.123
50	Screenline 8 - Outbound	235	Calibration	Great Wickhambrook B1063	NB	3743	2481					246	251	2%	0.331	206	202	-2%	0.271	35	33	-4%	0.259	6	16	193%	3.226
		267	Calibration		NB	3774	5938					64	176	175%	10.235	51	144	180%	9.353	9	21	143%	3.224	4	12	178%	2.656
		205	Calibration	Horninger	NEB	5638	1011					460	356	-23%	5.129	382	308	-19%	3.987	65	39	-40%	3.598	13	10	-28%	1.084
		33	Calibration	Alpheton A134	NB	2793	5931					545	533	-2%	0.543	439	425	-3%	0.705	75	90	21%	1.704	31	18	-43%	2.714
		TOTAL				Calibration			Yes	Yes	Yes	1315	1316	0%	0.036	1078	1078	0%	0.006	183	183	0%	0.037	54	55	2%	0.138
51	Screenline 9 - Southbound	116	Calibration	Harleston	SB	4629	3244					183	251	38%	4.656	140	192	37%	4.019	24	41	71%	2.969	19	18	-1%	0.023
		406	Calibration	Halesworth A144	SB	3983	4535					266	267	1%	0.083	210	215	3%	0.379	36	39	9%	0.552	20	13	-37%	1.849
		420	Calibration	Southwold	WB	4572	4568					202	82	-59%	10.048	167	75	-55%	8.378	28	8	-73%	4.884	7	0	-100%	3.764
		422	Calibration	Southwold	SB	3228	4610					269	303	12%	1.973	220	253	15%	2.151	37	38	3%	0.173	12	11	-7%	0.244
		424	Calibration	Wangford A12	SB	3233	3223					348	356	2%	0.388	277	280	1%	0.157	47	46	-3%	0.181	24	30	24%	1.130
		TOTAL				Calibration			Yes	Yes	Yes	1268	1259	-1%	0.258	1014	1015	0%	0.034	172	171	0%	0.048	82	72	-12%	1.099
52	Screenline 9 - Northbound	115	Calibration	Harleston	NB	3244	4629					250	231	-8%	1.221	198	177	-11%	1.549	34	30	-12%	0.730	18	24	36%	1.387
		405	Calibration	Halesworth A144	NB	4535	3983					222	282	27%	3.797	173	243	40%	4.841	29	32	10%	0.533	19	7	-65%	3.455
		419	Calibration	Southwold	EB	4568	4572					182	62	-66%	10.880	146	49	-66%	9.794	25	7	-73%	4.538	11	6	-48%	1.808
		421	Calibration	Southwold	NB	4610	3228					111	138	24%	2.390	92	116	26%	2.324	16	22	42%	1.493	4	0	-100%	2.646
		423	Calibration	Wangford A12	NB	3223	3233					305	351	15%	2.537	239	262	10%	1.506	40	53	31%	1.860	26	36	36%	1.689
		TOTAL				Calibration			Yes	Yes	Yes	1069	1063	-1%	0.186	848	847	0%	0.026	144	144	0%	0.003	78	73	-7%	0.619
53	Screenline 10 - Westbound	168	Calibration	Barningha	SB	3865	3263					221	307	39%	5.283	182	243	33%	4.167	31	46	49%	2.419	8	18	122%	2.772
		1670	Calibration	Rickinghall /Botesdale Bypass	WB	3261	3943					361	326	-10%	1.898	285	223	-22%	3.927	48	65	34%	2.213	27	38	39%	1.877
		1677	Calibration	North of	SB	3947	3912					106	238	125%	10.077	84	184	118%	8.585	14	43	203%	5.413	7	11	51%	1.240

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	AM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		1700	Calibration	South of Elmswell	WB	3886	3887					555	374	-33%	8.407	441	345	-22%	4.840	75	14	-81%	9.060	39	14	-63%	4.780
		TOTAL				Calibration			Yes	Yes	Yes	1244	1245	0%	0.048	993	994	0%	0.049	168	169	0%	0.016	82	82	0%	0.005
54	Screenline 10 - Eastbound	167	Calibration	Barningha	NB	3263	3865					118	137	16%	1.665	96	111	15%	1.428	16	15	-6%	0.259	6	11	94%	1.843
		1669	Calibration	Rickinghall /Botesdale Bypass	EB	3943	3261					298	314	5%	0.924	235	240	2%	0.292	40	41	2%	0.121	23	33	48%	2.056
		1678	Calibration	North of	NB	3912	3947					85	167	97%	7.318	68	138	104%	6.933	11	23	100%	2.756	6	6	8%	0.201
		1699	Calibration	South of Elmswell	EB	3887	3886					190	78	-59%	9.606	151	63	-58%	8.503	26	13	-49%	2.849	13	3	-81%	3.842
		TOTAL				Calibration			Yes	Yes	Yes	690	696	1%	0.223	550	551	0%	0.059	93	92	-1%	0.142	48	53	12%	0.823
55	Screenline 11 - Northbound	123	Calibration	Brockford	NB	3905	1302					594	533	-10%	2.557	455	387	-15%	3.320	77	58	-25%	2.368	62	89	43%	3.091
		101	Calibration	Debenham B1077 Aspall Road	NB	3923	5913					107	145	36%	3.447	88	118	33%	2.902	15	22	47%	1.629	3	6	66%	1.054
		275	Calibration	Earl	EB	3200	5845					178	219	23%	2.880	143	178	24%	2.744	24	36	47%	2.094	10	5	-55%	2.071
		TOTAL				Calibration			Yes	Yes	Yes	879	897	2%	0.621	687	683	-1%	0.148	116	116	-1%	0.090	76	99	31%	2.498
56	Screenline 11 - Southbound	124	Calibration	Brockford	SB	1302	3905					729	667	-9%	2.349	563	510	-9%	2.293	96	85	-11%	1.107	70	71	2%	0.189
		102	Calibration	Debenham B1077 Aspall Road	SB	5913	3923					108	194	80%	7.022	86	160	86%	6.646	15	28	92%	2.905	7	6	-13%	0.345
		276	Calibration	Earl	WB	5845	3200					210	187	-11%	1.574	173	152	-12%	1.606	29	27	-7%	0.378	7	8	4%	0.113
		TOTAL				Calibration			Yes	Yes	Yes	1046	1048	0%	0.062	822	822	0%	0.003	139	140	1%	0.075	84	85	1%	0.111
57	Screenline 12 - Eastbound	129	Calibration	Needham	EB	3138	3720					271	263	-3%	0.444	224	219	-2%	0.347	38	40	5%	0.328	9	5	-47%	1.587
		13	Calibration	East Bergholt B1068	EB	3127	3114					147	272	86%	8.683	121	235	95%	8.577	21	24	15%	0.663	5	14	151%	2.645
		11	Calibration	Hadleigh	NB	3701	3130					237	236	0%	0.034	184	201	9%	1.176	31	27	-14%	0.836	21	9	-59%	3.201
		10	Calibration	Hadleigh A1141	SB	5838	3130					307	188	-39%	7.565	254	128	-50%	9.123	43	42	-1%	0.088	10	18	72%	1.993
		TOTAL				Calibration			Yes	Yes	Yes	961	960	0%	0.036	783	782	0%	0.013	133	133	0%	0.007	46	45	-2%	0.122
58	Screenline 12 - Westbound	130	Calibration	Needham	WB	3720	3138					239	252	5%	0.811	194	216	11%	1.538	33	33	-1%	0.068	12	3	-74%	3.236
		14	Calibration	East Bergholt B1068	WB	3114	3127					124	174	40%	4.112	100	132	32%	2.938	17	32	89%	3.043	6	10	53%	1.200
		12	Calibration	Hadleigh	SB	3130	3701					327	211	-36%	7.108	265	170	-36%	6.468	45	33	-27%	1.978	17	8	-51%	2.479
		9	Calibration	Hadleigh A1141	NB	3130	5838					251	308	23%	3.406	206	248	20%	2.756	35	35	-1%	0.049	10	25	165%	3.765
		TOTAL				Calibration			Yes	Yes	Yes	941	945	0%	0.107	766	766	0%	0.002	130	132	2%	0.183	45	47	3%	0.187
59	Screenline 13 - Northbound	430	Calibration	RAF	WB	1350	3802					219	203	-7%	1.128	176	166	-6%	0.788	30	27	-11%	0.611	13	10	-22%	0.830
		73	Calibration	Mildenhall A1065	NB	3277	3276					307	203	-34%	6.546	239	158	-34%	5.778	41	42	4%	0.229	28	3	-89%	6.267
		71	Calibration	Mildenhall	EB	3277	5622					864	942	9%	2.600	655	704	8%	1.886	111	107	-3%	0.357	98	131	33%	3.058
		1696	Calibration	Between A11 and A1101 Icklingham	NB	3278	3276					77	125	61%	4.712	62	103	67%	4.562	11	18	71%	1.980	5	3	-31%	0.763
		TOTAL				Calibration			Yes	Yes	Yes	1467	1472	0%	0.121	1132	1131	0%	0.029	192	194	1%	0.141	144	147	3%	0.305
		429	Calibration	RAF	EB	3802	1350					549	489	-11%	2.609	455	406	-11%	2.364	77	62	-20%	1.814	16	21	30%	1.108
		74	Calibration	Mildenhall A1065	SB	3276	3277					409	379	-7%	1.515	323	288	-11%	2.029	55	88	60%	3.899	31	4	-89%	6.614
	Screenline 13	72	Calibration	Mildenhall	WB	5622	3277					1322	1372	4%	1.355	1042	1070	3%	0.868	177	157	-11%	1.556	104	145	40%	3.732

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	AM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
60	**Screenline 13 - Southbound**	1695	Calibration	Between A11 and A1101 Icklingham	SB	3276	3278					100	153	54%	4.750	80	134	68%	5.222	14	16	16%	0.567	6	4	-42%	1.201
		TOTAL				Calibration			Yes	Yes	Yes	2380	2393	1%	0.278	1900	1898	0%	0.054	322	322	0%	0.008	157	173	10%	1.254
61	**Screenline 14 - Northbound**	1694	Calibration	South Redgrave B1113	NB	5926	3964					164	191	16%	2.029	133	170	28%	3.040	23	20	-11%	0.532	9	1	-92%	3.666
		137	Calibration		NB	3261	5810					103	52	-50%	5.840	84	40	-53%	5.634	14	8	-45%	1.949	5	4	-12%	0.260
		133	Calibration	Stuston	EB	3935	3248					248	363	47%	6.593	177	275	55%	6.482	30	50	67%	3.172	40	38	-6%	0.382
		196	Calibration	Bury St Edmunds A134	SB	3815	2250					736	653	-11%	3.182	594	511	-14%	3.534	101	89	-12%	1.206	42	53	26%	1.582
		TOTAL				Calibration			Yes	Yes	Yes	1251	1258	1%	0.196	988	996	1%	0.238	168	167	0%	0.046	96	96	0%	0.005
62	**Screenline 14 - Southbound**	1693	Calibration	South Redgrave B1113	SB	3964	5926					301	192	-36%	6.941	244	157	-36%	6.144	41	17	-59%	4.492	16	18	14%	0.546
		138	Calibration		SB	5810	3261					87	57	-34%	3.534	69	44	-37%	3.392	12	9	-27%	1.004	6	5	-22%	0.557
		134	Calibration	Stuston	WB	3248	3935					284	280	-1%	0.245	208	191	-8%	1.144	35	45	28%	1.546	41	44	5%	0.347
		195	Calibration	Bury St Edmunds A134	NB	2250	3815					462	601	30%	6.058	342	464	36%	6.073	58	76	31%	2.191	62	62	0%	0.019
		TOTAL				Calibration			Yes	Yes	Yes	1134	1130	0%	0.102	863	856	-1%	0.230	146	147	0%	0.019	125	128	2%	0.274
63	**Screenline 15 - Northbound**	43	Calibration	Sudbury	NB	2786	2636					210	113	-46%	7.649	174	97	-44%	6.581	30	15	-49%	3.075	7	1	-92%	3.207
		31	Calibration	Nayland A134 Horkesley Road	NB	5661	1305					409	476	16%	3.185	324	370	14%	2.470	55	72	31%	2.143	30	33	13%	0.688
		29	Calibration	Brantham	EB	3675	3104					199	227	14%	1.860	163	189	16%	1.996	28	26	-5%	0.292	9	11	24%	0.683
		TOTAL				Calibration			Yes	Yes	Yes	818	815	0%	0.109	661	657	-1%	0.163	112	113	1%	0.099	45	45	0%	0.003
64	**Screenline 15 - Southbound**	44	Calibration	Sudbury	SB	2636	2786					229	158	-31%	5.119	188	139	-26%	3.848	32	18	-43%	2.741	9	1	-91%	3.707
		32	Calibration	Nayland A134 Horkesley Road	SB	1305	5661					523	614	17%	3.791	426	493	16%	3.142	72	93	29%	2.273	25	28	9%	0.461
		30	Calibration	Brantham	WB	3104	3675					228	210	-8%	1.177	190	172	-9%	1.302	32	26	-20%	1.185	6	12	109%	2.140
		TOTAL				Calibration			Yes	Yes	Yes	980	982	0%	0.057	804	804	0%	0.024	136	137	0%	0.048	40	41	1%	0.086

Appendix H.2

COUNTY WIDE SCREENLINES IP

Screenline			Interpeak															
			All				Car				LGV				HGV			
ID	Name	Type	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
1	Screenline 18 South - Inbound	Calibration	1326	1339	1%	0.369	1116	1115	0%	0.024	174	175	0%	0.048	36	49	38%	2.096
2	Screenline 18 South - Outbound	Calibration	1347	1361	1%	0.369	1134	1135	0%	0.032	177	176	-1%	0.100	36	50	38%	2.110
7	Screenline 18 North - Inbound	Calibration	1052	1030	-2%	0.689	871	851	-2%	0.704	148	147	-1%	0.149	32	32	1%	0.042
8	Screenline 18 North - Outbound	Calibration	1027	1009	-2%	0.557	855	838	-2%	0.560	143	141	-1%	0.123	30	30	0%	0.004
31	Ipswich (Inner)- Inbound	Calibration	7895	7907	0%	0.129	6997	7006	0%	0.098	662	665	0%	0.099	236	237	0%	0.043
32	Ipswich (Inner)- Outbound	Calibration	7993	7994	0%	0.008	7097	7099	0%	0.026	668	666	0%	0.054	229	228	0%	0.009
33	Ipswich Outer- Inbound	Calibration	6823	6819	0%	0.041	5143	5148	0%	0.071	970	969	0%	0.022	710	702	-1%	0.295
34	Ipswich Outer- Outbound	Calibration	7672	7678	0%	0.069	5745	5745	0%	0.004	1174	1171	0%	0.104	752	762	1%	0.361
35	Screenline 1 - Inbound	Calibration	1818	1819	0%	0.033	1435	1437	0%	0.045	288	288	0%	0.030	95	95	0%	0.020
36	Screenline 1 - Outbound	Calibration	1873	1870	0%	0.075	1484	1483	0%	0.038	298	297	0%	0.055	90	89	-1%	0.090
37	Screenline 2 - Inbound	Calibration	1289	1286	0%	0.069	1005	1004	0%	0.035	202	201	0%	0.068	82	81	-1%	0.046
38	Screenline 2 - Outbound	Calibration	1249	1249	0%	0.011	971	972	0%	0.020	195	194	-1%	0.083	83	83	0%	0.014
39	Screenline 3 - Inbound	Calibration	2345	2367	1%	0.455	1851	1873	1%	0.490	372	373	0%	0.042	122	122	0%	0.015
40	Screenline 3 - Outbound	Calibration	2565	2588	1%	0.444	2037	2049	1%	0.281	409	415	2%	0.311	120	123	3%	0.317
41	Screenline 4 - Inbound	Calibration	1152	1145	-1%	0.194	935	936	0%	0.007	188	181	-4%	0.537	28	29	2%	0.095
42	Screenline 4 - Outbound	Calibration	1143	1198	5%	1.606	926	929	0%	0.084	186	185	-1%	0.108	31	84	176%	7.102
43	Screenline 5 - Inbound	Calibration	1465	1465	0%	0.009	1156	1155	0%	0.015	232	233	0%	0.030	77	77	1%	0.046
44	Screenline 5 - Outbound	Calibration	1387	1386	0%	0.022	1094	1095	0%	0.015	220	219	0%	0.072	73	73	0%	0.027
45	Screenline 6 - Inbound	Calibration	2907	2922	1%	0.275	2221	2236	1%	0.336	446	446	0%	0.022	240	239	0%	0.037
46	Screenline 6 - Outbound	Calibration	2945	2956	0%	0.200	2246	2248	0%	0.044	451	453	0%	0.096	249	255	3%	0.423
47	Screenline 7 - Inbound	Calibration	1050	1043	-1%	0.213	830	829	0%	0.042	167	167	0%	0.020	53	47	-11%	0.837
48	Screenline 7 - Outbound	Calibration	1087	1086	0%	0.025	864	863	0%	0.035	174	174	0%	0.031	49	49	0%	0.029
49	Screenline 8 - Inbound	Calibration	645	705	9%	2.276	497	533	7%	1.607	100	123	23%	2.181	49	49	-1%	0.046
50	Screenline 8 - Outbound	Calibration	659	660	0%	0.040	504	504	0%	0.004	101	102	1%	0.097	54	54	0%	0.003
51	Screenline 9 - Southbound	Calibration	961	962	0%	0.015	741	742	0%	0.033	149	149	0%	0.030	71	71	0%	0.008
52	Screenline 9 - Northbound	Calibration	957	957	0%	0.004	740	740	0%	0.008	149	148	0%	0.034	69	69	0%	0.007

Screenline			Interpeak													
			All				Car				LGV				HGV			
ID	Name	Type	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
53	Screenline 10 - Westbound	Calibration	663	664	0%	**0.048**	501	503	0%	**0.058**	101	100	-1%	**0.068**	61	62	1%	**0.080**
54	Screenline 10 - Eastbound	Calibration	646	648	0%	**0.074**	488	489	0%	**0.051**	98	98	0%	**0.017**	61	61	1%	**0.075**
55	Screenline 11 - Northbound	Calibration	604	602	0%	**0.103**	434	434	0%	**0.028**	87	87	-1%	**0.054**	83	81	-2%	**0.158**
56	Screenline 11 - Southbound	Calibration	618	617	0%	**0.057**	438	438	0%	**0.022**	88	88	0%	**0.022**	92	91	-1%	**0.078**
57	Screenline 12 - Eastbound	Calibration	642	643	0%	**0.031**	498	498	0%	**0.004**	100	101	1%	**0.081**	44	44	0%	**0.011**
58	Screenline 12 - Westbound	Calibration	645	647	0%	**0.042**	502	502	0%	**0.016**	101	101	0%	**0.023**	43	44	1%	**0.076**
59	Screenline 13 - Northbound	Calibration	1569	1565	0%	**0.102**	1177	1176	0%	**0.025**	237	236	0%	**0.052**	155	153	-2%	**0.192**
60	Screenline 13 - Southbound	Calibration	1751	1753	0%	**0.061**	1319	1322	0%	**0.079**	265	265	0%	**0.005**	167	167	0%	**0.020**
61	Screenline 14 - Northbound	Calibration	789	790	0%	**0.022**	569	570	0%	**0.038**	114	114	0%	**0.029**	106	106	0%	**0.004**
62	Screenline 14 - Southbound	Calibration	828	829	0%	**0.045**	601	601	0%	**0.014**	121	121	0%	**0.017**	107	107	1%	**0.074**
63	Screenline 15 - Northbound	Calibration	574	574	0%	**0.008**	446	446	0%	**0.001**	90	90	0%	**0.045**	38	38	-1%	**0.041**
64	Screenline 15 - Southbound	Calibration	561	561	0%	**0.006**	438	438	0%	**0.018**	88	87	-1%	**0.100**	36	36	1%	**0.072**

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak	Interpeak													
											All				Car				LGV				HGV			
											Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
1	Screenline 18 South - Inbound	548	Calibration	Mutfordw	EB	4567	5070				20	42	105%	3.830	17	38	121%	3.947	3	4	41%	0.612	1	0	-85%	0.823
		550	Calibration	Rushmere Road	EB	4566	5000				50	0	-100%	10.037	42	0	-100%	9.209	7	0	-100%	3.638	1	0	-100%	1.643
		552	Calibration	Gisleham	NB	9600	5010				20	59	200%	6.298	17	58	248%	6.756	3	1	-61%	1.174	1	0	-7%	0.054
		554	Calibration	A146 Beccles Road	EB	4512	2000				591	695	18%	4.123	497	573	15%	3.291	78	96	24%	1.963	16	26	64%	2.215
		558	Calibration	A12 London Road	NB	5390	1000				645	543	-16%	4.171	543	446	-18%	4.337	85	74	-12%	1.184	17	23	31%	1.201
		TOTAL				Calibration			Yes	Yes	1326	1339	1%	0.369	1116	1115	0%	0.024	174	175	0%	0.048	36	49	38%	2.096
2	Screenline 18 South - Outbound	549	Calibration	Mutfordw	WB	5070	4567				18	49	180%	5.459	15	45	208%	5.597	2	3	49%	0.664	0	0	-73%	0.630
		551	Calibration	Rushmere Road	WB	5000	4566				52	0	-100%	10.183	44	0	-100%	9.343	7	0	-100%	3.691	1	0	-100%	1.667
		553	Calibration	Gisleham	SB	5010	9600				23	33	44%	1.909	19	32	67%	2.542	3	0	-85%	1.933	1	0	-44%	0.386
		555	Calibration	A146 Beccles Road	WB	2000	4512				590	706	20%	4.573	496	585	18%	3.825	77	97	25%	2.056	16	24	52%	1.850
		559	Calibration	A12 London Road	SB	1000	5390				666	573	-14%	3.715	561	473	-16%	3.861	87	75	-14%	1.364	18	25	42%	1.630
		TOTAL				Calibration			Yes	Yes	1347	1361	1%	0.369	1134	1135	0%	0.032	177	176	-1%	0.100	36	50	38%	2.110
7	Screenline 18 North - Inbound	606	Calibration	B1074 Fixton Road	NB	6324	9440				117	186	60%	5.649	98	155	58%	5.025	15	26	73%	2.432	3	5	60%	0.934
		609	Calibration		SB	5656	4563				71	18	-75%	8.086	60	16	-73%	7.130	9	1	-88%	3.625	2	0	-84%	1.518
		611	Calibration	Coast	SB	6326	9510				60	0	-99%	10.855	51	0	-99%	9.942	8	0	-100%	3.973	2	0	-100%	1.794
		1464	Calibration	JTC 4_A-In	0	6280	6270				804	825	3%	0.765	662	679	3%	0.657	116	119	3%	0.301	25	27	6%	0.305
		TOTAL				Calibration			Yes	Yes	1052	1030	-2%	0.689	871	851	-2%	0.704	148	147	-1%	0.149	32	32	1%	0.042
8	Screenline 18 North - Outbound	607	Calibration	B1074 Fixton Road	SB	9440	6324				102	160	58%	5.124	85	133	55%	4.517	13	23	73%	2.288	3	4	62%	0.888
		608	Calibration		NB	4563	5656				49	16	-67%	5.769	41	13	-68%	5.399	6	3	-53%	1.588	1	0	-100%	1.624
		610	Calibration	Coast	NB	9510	6326				63	1	-98%	10.897	53	1	-99%	10.116	8	0	-98%	3.942	2	0	-74%	1.217
		1465	Calibration	JTC 4_A-Out	0	6270	6280				814	832	2%	0.633	675	692	3%	0.650	115	115	0%	0.029	24	25	4%	0.177
		TOTAL				Calibration			Yes	Yes	1027	1009	-2%	0.557	855	838	-2%	0.560	143	141	-1%	0.123	30	30	0%	0.004
		2216	Calibration	Tuddenha	SB	30790	30541				158	257	63%	6.868	144	238	65%	6.757	12	17	36%	1.156	1	2	114%	0.865
		2218	Calibration	Sidegate Lane	WB	30556	30327				102	113	10%	1.030	95	105	11%	1.014	6	7	20%	0.478	1	1	-57%	0.747
		2220	Calibration	Renfew	SB	30400	30770				123	103	-16%	1.864	113	101	-11%	1.192	9	2	-79%	3.016	1	0	-86%	0.910
		2222	Calibration	Humber Douchy Lane	SB	30641	30300				39	63	60%	3.289	36	60	65%	3.387	3	2	-9%	0.147	0	1	59%	0.319
		2224	Calibration	East of Humber Douchy Road	WB	30562	30300				65	119	85%	5.714	60	111	86%	5.581	4	7	70%	1.253	0	1	30%	0.192
		692	Calibration	A1214 Woodbridge Road	WB	30301	30298				683	674	-1%	0.342	606	599	-1%	0.275	46	64	38%	2.359	30	11	-65%	4.338
		696	Calibration	Foxhall Road	WB	30394	30372				380	192	-49%	11.080	340	180	-47%	9.883	28	7	-75%	4.968	12	5	-59%	2.480
		2226	Calibration	Bucklesham Road	WB	30628	30440				84	25	-70%	8.037	76	18	-76%	8.394	8	5	-39%	1.190	1	2	143%	0.991
		1702	Calibration	Warren Heath	WB	30256	30255				963	1196	24%	7.077	753	1065	41%	10.338	151	102	-33%	4.416	58	29	-51%	4.487
		2227	Calibration	Lindbergh Road North of Campbell Road	NB	30435	30254				114	61	-47%	5.731	104	57	-45%	5.267	9	2	-82%	3.275	1	2	152%	1.079

											Interpeak															
											All				Car				LGV				HGV			
ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
31	Ipswich (Inner)-Inbound	2229	Calibration	Nacton Road South of Landseer Road	NB	30671	30241				600	544	-9%	2.321	539	480	-11%	2.603	44	51	18%	1.118	17	13	-26%	1.152
		848	Calibration	Jn 40 Clapgate Lane - Landseer Road from Clapgate Lane S	0	30376	30235				131	45	-65%	9.133	119	41	-65%	8.675	12	3	-71%	3.050	1	1	16%	0.131
		2259	Calibration	Landseer Road West Of Clapgate Lane	EB	30676	30235				341	446	31%	5.258	300	370	23%	3.778	31	53	67%	3.270	9	23	147%	3.439
		2231	Calibration	Cliff Lane East of Landseer Road	EB	30227	30686				96	64	-33%	3.538	86	59	-31%	3.151	10	5	-45%	1.589	1	0	-78%	0.829
		2233	Calibration	Holywell Road South of Patteson Road	NB	70114	30226				346	377	9%	1.633	305	289	-5%	0.963	36	54	49%	2.625	5	35	617%	6.733
		2235	Calibration	Cliff Road South of Patterson Road	NB	70076	70094				42	34	-19%	1.328	25	28	13%	0.623	7	5	-27%	0.749	10	1	-93%	4.089
		2271	Calibration	Bridge Street	NB	30214	70166				776	915	18%	4.783	695	792	14%	3.576	51	99	96%	5.588	30	24	-22%	1.306
		972	Calibration	Jn 21 Princes Street - Burrell Road to Princes Street	0	30168	20318				245	226	-8%	1.244	220	205	-7%	1.045	23	21	-10%	0.472	2	0	-100%	1.814
		2237	Calibration	Between Hadham Road and Yarmouth Road	EB	30148	20014				930	852	-8%	2.634	831	760	-9%	2.514	65	56	-14%	1.168	35	36	4%	0.225
		2239	Calibration	Between Beaconsfield Road and Yarmouth Road	EB	30819	20025				430	367	-15%	3.133	392	337	-14%	2.902	30	29	-5%	0.272	7	1	-80%	2.740
		2242	Calibration	Bramford Lane Between All Saints and Brookshall Road	SB	30746	30145				98	63	-36%	3.932	93	58	-38%	4.032	4	3	-25%	0.533	0	1	234%	0.984
		2244	Calibration	Norwich road Between Broom Hill and Westwood	SB	20267	20027				674	766	14%	3.449	621	712	15%	3.503	46	54	17%	1.122	7	1	-83%	2.871
		2246	Calibration	Dale Hall Lane North of Valley Road	SB	20270	20043				161	111	-31%	4.273	149	70	-53%	7.593	10	6	-42%	1.496	1	35	2746%	7.952

											Interpeak															
											All				Car				LGV				HGV			
ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		2248	Calibration	Henley Road N of Valley Road	SB	30334	20044				316	295	-6%	1.160	295	271	-8%	1.390	17	11	-33%	1.492	4	13	209%	2.979
		TOTAL				Calibration			Yes	Yes	7895	7907	0%	0.129	6997	7006	0%	0.098	662	665	0%	0.099	236	237	0%	0.043
32	**Ipswich (Inner)-Outbound**	2215	Calibration	Tuddenham Sidegate Lane	NB	30541	30790				133	228	72%	7.117	124	209	69%	6.605	8	15	95%	2.188	1	4	348%	1.921
		2217	Calibration		EB	30327	30556				116	91	-22%	2.508	107	86	-19%	2.111	9	4	-57%	2.020	1	1	53%	0.344
		2219	Calibration	Renfrew	NB	30770	30400				137	94	-31%	3.972	125	90	-29%	3.459	10	4	-60%	2.333	1	0	-66%	0.686
		2221	Calibration	Humber Douchy Lane	NB	30300	30641				70	74	5%	0.426	66	69	5%	0.419	4	4	-1%	0.020	0	1	41%	0.261
		2223	Calibration	East of Humber Douchy Road	EB	30300	30562				107	212	99%	8.381	100	193	93%	7.666	5	19	248%	3.870	1	0	-52%	0.589
		691	Calibration	A1214 Woodbridge Road	EB	30298	30301				641	617	-4%	0.938	565	558	-1%	0.296	49	51	5%	0.345	27	8	-69%	4.482
		695	Calibration	Foxhall Road	EB	30372	30394				377	232	-38%	8.265	336	217	-35%	7.127	28	12	-57%	3.583	12	3	-77%	3.448
		2225	Calibration	Bucklesham Road	EB	30440	30628				80	23	-72%	8.004	72	17	-77%	8.319	7	5	-33%	0.930	1	1	104%	0.615
		1701	Calibration	Warren Heath	EB	30255	30256				883	1096	24%	6.772	691	991	43%	10.332	139	78	-44%	5.822	53	27	-48%	4.071
		2228	Calibration	Lindbergh Road North of Campbell Road	SB	30254	30435				92	58	-37%	3.975	84	55	-34%	3.433	8	1	-86%	3.146	1	1	150%	0.820
		2230	Calibration	Nacton Road South of Landseer Road	SB	30241	30671				596	667	12%	2.833	547	574	5%	1.138	38	79	107%	5.336	11	14	31%	0.948
		1041	Calibration	Jn 40 Clapgate Lane - Landseer Road to Clapgate Lane S	0	30235	30376				124	67	-46%	5.883	111	60	-46%	5.491	13	4	-67%	2.926	1	2	365%	1.544
		2260	Calibration	Landseer Road West Of Clapgate Lane	WB	30235	30676				406	474	17%	3.245	349	385	10%	1.910	40	52	32%	1.890	17	36	108%	3.620
		2232	Calibration	Cliff Lane East of Landseer Road	WB	30686	30227				97	74	-24%	2.510	88	67	-24%	2.400	8	7	-11%	0.328	1	0	-85%	1.346
		2234	Calibration	Holywell Road South of Patteson Road	SB	30226	70114				308	293	-5%	0.917	271	232	-14%	2.479	31	36	16%	0.855	6	24	317%	4.754
		2236	Calibration	Cliff Road South of Patterson Road	SB	70094	70076				31	29	-8%	0.450	21	23	9%	0.410	6	6	-10%	0.263	4	0	-91%	2.506
		2272	Calibration	Bridge Street	SB	70166	30214				726	919	27%	6.714	648	800	23%	5.618	51	96	88%	5.252	27	23	-14%	0.735
		779	Calibration	Jn 21 Princes Street - Burrell Road from Princes Street	0	20318	30168				267	270	1%	0.193	240	257	7%	1.056	25	13	-47%	2.694	2	0	-100%	1.814

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak	Interpeak															
											All				Car				LGV				HGV			
											Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		2238	Calibration	Between Hadham Road and Yarmouth Road	WB	20014	30148				1013	814	-20%	6.587	910	709	-22%	7.070	66	69	4%	0.298	37	36	-1%	0.071
		2240	Calibration	Between Beaconsfield Road and Yarmouth Road	WB	20025	30819				465	352	-24%	5.547	427	322	-25%	5.446	32	29	-11%	0.638	5	2	-68%	1.797
		2241	Calibration	Bramford Lane Between All Saints and Brookshall Road	NB	30145	30746				45	95	111%	5.954	42	88	109%	5.681	3	5	99%	1.293	0	2	833%	1.487
		2243	Calibration	Norwich road Between Broom Hill and Westwood	NB	20027	20267				784	809	3%	0.918	708	746	5%	1.401	58	62	6%	0.458	18	2	-87%	4.892
		2245	Calibration	Dale Hall Lane North of Valley Road	NB	20043	20270				179	227	27%	3.375	166	188	13%	1.626	12	6	-51%	2.071	1	34	3159%	7.856
		2247	Calibration	Henley Road N of Valley Road	NB	20044	30334				317	178	-44%	8.787	298	165	-45%	8.759	17	9	-50%	2.342	2	5	185%	1.786
		TOTAL				Calibration			Yes	Yes	7993	7994	0%	0.008	7097	7099	0%	0.026	668	666	0%	0.054	229	228	0%	0.009
		2120	Calibration	Saw Hill Ipswich A1071	NB	50035	50034				187	72	-61%	10.074	164	64	-61%	9.315	21	5	-75%	4.368	2	3	30%	0.401
		17	Calibration		EB	5641	50034				380	348	-8%	1.689	282	291	3%	0.545	57	40	-29%	2.362	42	17	-59%	4.591
		2122	Calibration	Burstall	EB	5841	30135				57	108	90%	5.651	52	88	70%	4.320	5	20	305%	4.249	0	1	104%	0.471
		2124	Calibration	Somersham Road East of The Beeches	EB	5643	50029				87	514	489%	24.626	79	429	445%	21.970	8	70	808%	10.021	1	15	1809%	5.120
		118	Calibration	Claydon Bramford Road	SB	50026	50027				216	398	84%	10.353	165	323	95%	10.073	33	59	77%	3.788	18	16	-9%	0.386
		1259	Calibration	JTC 13_D-Out	0	50018	30505				73	25	-65%	6.780	54	19	-64%	5.736	13	2	-81%	3.810	6	4	-38%	0.996
		2127	Calibration	Henley Road	SB	50084	50083				137	130	-5%	0.581	124	112	-10%	1.101	12	12	3%	0.114	1	6	360%	2.500
		2129	Calibration	Westerfield Road	SB	50082	30536				120	96	-20%	2.343	110	77	-30%	3.390	9	15	67%	1.759	2	4	134%	1.337
		2131	Calibration	Clopton Road	SB	50080	50077				29	13	-56%	3.587	26	11	-58%	3.510	3	1	-54%	0.993	0	0	40%	0.203
		2133	Calibration	Unamed Road[30M]Btwn Holly Lane And Grundisburgh Road	SB	50063	50065				78	190	144%	9.694	71	170	138%	8.968	6	18	196%	3.402	1	3	341%	1.611
		2135	Calibration	Ipswich Road[60M]North Of Culpho	SB	50073	50074				49	76	54%	3.373	45	73	62%	3.629	4	3	-22%	0.465	0	0	-42%	0.331

											Interpeak															
											All				Car				LGV				HGV			
ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
33	Ipswich Outer-Inbound	2137	Calibration	Lodge Road[30M]East Of Manor House Road	SB	50059	30313				25	1	-95%	6.624	23	1	-95%	6.320	2	0	-95%	1.833	0	0	-92%	0.753
		1659	Calibration	A12 Woodbridge	SB	50051	50050				1143	1152	1%	0.292	903	902	0%	0.016	181	172	-5%	0.689	59	78	33%	2.360
		358	Calibration	Woodbridge Ipswich Road	WB	6014	50107				430	190	-56%	13.611	350	170	-51%	11.147	70	18	-75%	7.974	9	2	-75%	2.891
		2139	Calibration	Sandy Lane[60M]East Of Top Street	WB	5448	5447				45	116	157%	7.883	41	107	164%	7.754	4	8	98%	1.604	1	1	24%	0.164
		2140	Calibration	School Lane[60M]East Of Viking Heights	NB	30580	30309				60	110	85%	5.487	54	91	70%	4.399	6	15	164%	2.859	1	5	726%	2.540
		2143	Calibration	14139-021 Suffolk. Newbourne Road East of A12. Westbound	WB	30613	30611				213	64	-70%	12.597	177	56	-68%	11.151	25	6	-74%	4.582	11	1	-87%	3.888
		2145	Calibration	14139-022 Suffolk. Main Road East of Road Connects Seven Hills. Westbound	WB	30618	30356				49	23	-52%	4.277	44	19	-57%	4.415	4	4	-9%	0.181	1	0	-69%	0.785
		1752	Calibration	A14/2010B; MIDAS site at A14/2010B priority 1 on link 106053402	WB	30353	30104				1099	1156	5%	1.693	752	778	3%	0.923	112	130	15%	1.567	234	248	6%	0.907
		2147	Calibration	14139-024 Suffolk. Felixstowe Road East of A1156. Westbound	WB	30349	30259				127	1	-99%	15.826	110	0	-100%	14.845	15	0	-100%	5.405	2	1	-73%	1.427
		2148	Calibration	14139-025 Suffolk. The Street South of Felixstowe Road. Northbound	NB	30263	30258				62	78	25%	1.849	55	70	27%	1.892	6	8	31%	0.698	1	0	-100%	1.623

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											All				Car				LGV				HGV			
											Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		2150	Calibration	14139-026 Suffolk. Nacton Road South of A14. Northbound	NB	30260	30080				54	24	-56%	4.887	49	21	-57%	4.706	5	2	-66%	1.784	0	1	133%	0.667
		1662	Calibration	Freston Hill	NB	3106	50049				292	274	-6%	1.086	227	240	6%	0.882	46	29	-36%	2.692	19	4	-79%	4.478
		15	Calibration	Ipswich A137	NB	30347	30062				293	260	-11%	2.005	225	202	-10%	1.596	45	40	-11%	0.739	23	18	-23%	1.151
		659	Calibration	Grove Hill	NB	30223	30203				59	26	-57%	5.166	52	23	-56%	4.728	6	2	-68%	2.004	2	1	-50%	0.761
		1240	Calibration	JTC 11_C-In	0	50040	30797				1458	1374	-6%	2.225	910	811	-11%	3.399	274	290	6%	0.956	273	273	0%	0.004
		TOTAL				Calibration			Yes	Yes	6823	6819	0%	0.041	5143	5148	0%	0.071	970	969	0%	0.022	710	702	-1%	0.295
		2121	Calibration	Saw Hill	SB	50034	50035				157	65	-59%	8.798	141	48	-66%	9.566	16	15	-2%	0.075	1	1	89%	0.617
		18	Calibration	Ipswich A1071	WB	50034	5641				387	325	-16%	3.325	286	271	-5%	0.914	57	37	-36%	3.040	44	17	-61%	4.810
		2123	Calibration	Burstall	WB	30135	5841				53	120	127%	7.224	48	93	93%	5.327	4	25	487%	5.370	0	2	587%	1.744
		2125	Calibration	Somersham Road East of The Beeches	WB	50029	5643				86	478	458%	23.358	78	386	398%	20.268	7	83	1045%	11.266	1	8	1001%	3.580
		117	Calibration	Claydon Bramford Road	NB	50027	50025				271	413	52%	7.684	211	321	52%	6.746	42	66	56%	3.241	18	26	47%	1.758
		1258	Calibration	JTC 13_D-In	0	30505	50018				79	22	-72%	7.969	61	12	-80%	8.033	13	3	-77%	3.482	5	7	34%	0.707
		1849	Calibration	A14 MIDAS site at A14/1813 B priority 1 on link 106063901	WB	50024	50022				1913	1910	0%	0.063	1260	1259	0%	0.025	315	313	-1%	0.100	338	338	0%	0.006
		2126	Calibration	Henley Road	NB	50083	50084				138	92	-33%	4.279	126	75	-40%	5.038	11	11	1%	0.020	2	6	295%	2.325
		2128	Calibration	Westerfield Road	NB	30536	50082				104	88	-16%	1.647	95	72	-24%	2.456	8	12	54%	1.342	1	3	151%	1.338
		2130	Calibration	Clopton Road	NB	50077	50080				26	15	-45%	2.644	23	11	-53%	2.960	3	2	-34%	0.623	1	2	235%	1.142
		2132	Calibration	Unamed Road[30M]Btwn Holly Lane And Grundisburgh Road	NB	50065	50063				77	189	145%	9.694	71	165	132%	8.625	6	18	222%	3.601	0	6	1506%	3.195
		2134	Calibration	Ipswich Road[60M]North Of Culpho	NB	50074	50073				48	83	73%	4.337	44	79	78%	4.402	3	4	26%	0.444	0	0	-56%	0.449
		2136	Calibration	Lodge Road[30M]East Of Manor House Road	NB	30313	50059				24	1	-94%	6.357	22	1	-94%	6.030	2	0	-95%	1.774	1	0	-96%	0.949
		1660	Calibration	A12 Woodbridge	NB	50050	50051				1084	1064	-2%	0.619	856	825	-4%	1.087	172	177	3%	0.385	56	62	11%	0.806
		357	Calibration	Woodbridge Ipswich Road	EB	50107	6014				509	259	-49%	12.712	415	233	-44%	10.126	83	25	-70%	7.947	10	1	-85%	3.496

											Interpeak															
											All				Car				LGV				HGV			
ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
34	Ipswich Outer-Outbound	2138	Calibration	Sandy Lane[60M]East Of Top Street	EB	5447	5448				39	102	164%	7.543	35	93	168%	7.302	3	8	135%	1.902	1	1	61%	0.379
		2141	Calibration	School Lane[60M]East Of Viking Heights	SB	30309	30580				52	91	77%	4.709	46	80	74%	4.298	5	10	111%	1.983	1	1	29%	0.232
		2142	Calibration	14139-021 Suffolk. Newbourne Road East of A12. Eastbound	EB	30611	30613				223	49	-78%	14.985	186	41	-78%	13.593	25	7	-72%	4.514	12	0	-98%	4.715
		2144	Calibration	14139-022 Suffolk. Main Road East of Road Connects Seven Hills. Eastbound	EB	30356	30618				53	20	-62%	5.413	48	15	-70%	5.995	5	4	-9%	0.187	1	2	204%	1.065
		2146	Calibration	14139-024 Suffolk. Felixstowe Road East of A1156. Eastbound	EB	30259	30349				121	8	-93%	13.995	108	0	-100%	14.695	11	0	-98%	4.570	2	8	376%	2.891
		2149	Calibration	14139-025 Suffolk. The Street South of Felixstowe Road. Southbound	SB	30258	30263				55	38	-31%	2.499	49	33	-34%	2.610	5	5	9%	0.192	1	0	-100%	1.254
		2151	Calibration	14139-026 Suffolk. Nacton Road South of A14. Southbound	SB	30080	30260				57	132	130%	7.679	52	93	78%	4.800	5	19	297%	4.087	0	20	6015%	6.190
		1661	Calibration	Freston Hill	SB	50049	3106				307	289	-6%	1.043	239	251	5%	0.780	48	35	-28%	2.093	20	4	-83%	4.859
		16	Calibration	Ipswich A137	SB	30062	30347				281	267	-5%	0.844	216	206	-5%	0.713	43	42	-3%	0.188	22	19	-11%	0.528
		660	Calibration	Grove Hill	SB	30203	30223				47	7	-86%	7.715	41	6	-85%	7.179	5	1	-89%	2.562	1	0	-85%	1.200
		1241	Calibration	JTC 11_C-Out	0	30798	50041				1481	1550	5%	1.792	988	1075	9%	2.733	277	249	-10%	1.750	216	226	5%	0.697
		TOTAL				Calibration			Yes	Yes	7672	7678	0%	0.069	5745	5745	0%	0.004	1174	1171	0%	0.104	752	762	1%	0.361
		84	Calibration	Newmark	SB	2506	2490				549	742	35%	7.604	429	572	33%	6.391	86	109	26%	2.263	33	61	84%	4.057

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											All				Car				LGV				HGV			
											Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
35	Screenline 1 - Inbound	86	Calibration	Newmarket A1304 Bury Road	SB	2534	2447				410	369	-10%	2.042	326	266	-18%	3.476	65	97	48%	3.455	19	7	-63%	3.257
		96	Calibration	Newmark	WB	2479	2478				180	69	-62%	9.955	143	55	-62%	8.886	29	10	-66%	4.314	8	4	-47%	1.460
		91	Calibration	Newmarket A1304 Barbara Stradbroke Avenue	EB	2437	2438				427	397	-7%	1.487	334	316	-5%	1.003	67	62	-8%	0.673	26	19	-26%	1.414
		94	Calibration	Newmarket Exning Road	SB	2514	2485				253	243	-4%	0.658	202	227	12%	1.704	41	11	-73%	5.811	10	4	-58%	2.177
		TOTAL				Calibration			Yes	Yes	1818	1819	0%	0.033	1435	1437	0%	0.045	288	288	0%	0.030	95	95	0%	0.020
36	Screenline 1 - Outbound	83	Calibration	Newmark	NB	2490	2506				651	778	20%	4.783	515	612	19%	4.077	103	110	6%	0.602	32	57	77%	3.720
		85	Calibration	Newmarket A1304 Bury Road	NB	2447	2534				385	430	12%	2.246	305	314	3%	0.504	61	107	75%	4.986	18	9	-52%	2.543
		95	Calibration	Newmark	EB	2478	2479				178	93	-48%	7.338	143	74	-48%	6.568	29	13	-56%	3.520	7	6	-14%	0.387
		92	Calibration	Newmarket A1304 Barbara Stradbroke Avenue	WB	2438	2437				352	325	-8%	1.503	275	254	-8%	1.277	55	56	2%	0.166	22	14	-36%	1.900
		93	Calibration	Newmarket Exning Road	NB	2485	2514				307	243	-21%	3.819	246	228	-7%	1.160	49	11	-77%	6.918	11	4	-67%	2.703
		TOTAL				Calibration			Yes	Yes	1873	1870	0%	0.075	1484	1483	0%	0.038	298	297	0%	0.055	90	89	-1%	0.090
37	Screenline 2 - Inbound	240	Calibration	Haverhill	WB	2625	2584				285	242	-15%	2.642	226	189	-16%	2.588	45	41	-9%	0.610	13	11	-12%	0.443
		259	Calibration	Haverhill Bumpstead Road	NB	2543	2544				262	408	56%	8.011	203	366	80%	9.628	41	27	-34%	2.349	18	15	-12%	0.510
		245	Calibration	Haverhill	NB	2556	2612				271	272	0%	0.071	198	163	-18%	2.593	40	71	78%	4.160	33	38	16%	0.858
		251	Calibration	Haverhill A1307	EB	2611	2605				388	319	-18%	3.653	310	254	-18%	3.347	62	52	-16%	1.350	15	13	-15%	0.596
		248	Calibration	Haverhill Queens Street	SB	2628	2603				84	45	-46%	4.827	67	32	-52%	4.993	13	10	-29%	1.171	3	4	10%	0.172
		TOTAL				Calibration			Yes	Yes	1289	1286	0%	0.069	1005	1004	0%	0.035	202	201	0%	0.068	82	81	-1%	0.046
38	Screenline 2 - Outbound	239	Calibration	Haverhill	EB	2584	2625				285	252	-12%	2.050	226	191	-15%	2.411	45	44	-2%	0.137	14	16	15%	0.555
		260	Calibration	Haverhill Bumpstead Road	SB	2544	2543				259	342	32%	4.771	201	304	51%	6.508	40	26	-37%	2.572	18	12	-34%	1.562
		246	Calibration	Haverhill	SB	2612	2556				318	318	0%	0.010	237	199	-16%	2.563	48	82	71%	4.223	33	37	11%	0.629
		252	Calibration	Haverhill A1307	WB	2605	2611				310	298	-4%	0.686	246	248	1%	0.128	49	38	-23%	1.703	14	11	-19%	0.753
		247	Calibration	Haverhill Queens Street	NB	2603	2628				77	40	-48%	4.891	62	29	-52%	4.772	12	4	-66%	2.823	3	6	90%	1.346
		TOTAL				Calibration			Yes	Yes	1249	1249	0%	0.011	971	972	0%	0.020	195	194	-1%	0.083	83	83	0%	0.014
39	Screenline 3 - Inbound	36	Calibration	Sudbury	SB	5829	2789				258	285	11%	1.660	196	219	12%	1.627	39	44	12%	0.715	23	22	-3%	0.148
		40	Calibration	Sudbury Waldingfield Road	WB	3545	3536				255	165	-35%	6.245	206	131	-36%	5.763	41	28	-32%	2.267	8	6	-29%	0.899
		42	Calibration	Sudbury	WB	3503	2783				378	446	18%	3.321	288	322	12%	1.969	58	84	46%	3.131	33	39	20%	1.106
		61	Calibration	Sudbury Gt.Cornard	NB	2673	2676				336	322	-4%	0.734	272	281	3%	0.550	55	34	-37%	3.034	9	7	-24%	0.776
		65	Calibration	Sudbury Friars Street	EB	2701	2700				181	185	2%	0.274	147	161	10%	1.146	29	18	-37%	2.249	5	5	10%	0.222
		45	Calibration	Sudbury A131 Ballingdon Street	EB	3540	2785				511	560	10%	2.113	400	436	9%	1.740	80	90	13%	1.091	30	33	11%	0.571
		38	Calibration	Sudbury B1064	SB	2790	2762				427	405	-5%	1.052	344	323	-6%	1.142	69	73	6%	0.513	14	9	-35%	1.458

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak	Interpeak													
											All				Car				LGV				HGV			
											Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		TOTAL					Calibration		Yes	Yes	2345	2367	1%	0.455	1851	1873	1%	0.490	372	373	0%	0.042	122	122	0%	0.015
40	Screenline 3 - Outbound	35	Calibration	Sudbury	NB	2789	5829				289	294	1%	0.249	222	230	4%	0.549	45	46	3%	0.222	23	18	-24%	1.210
		39	Calibration	Sudbury Waldingfield Road	EB	3536	3545				234	193	-18%	2.856	189	154	-19%	2.667	38	33	-14%	0.861	8	6	-22%	0.650
		41	Calibration	Sudbury	EB	2783	3503				410	504	23%	4.384	315	376	19%	3.282	63	97	53%	3.736	32	31	-2%	0.127
		62	Calibration	Sudbury Gt.Cornard	SB	2676	2673				456	457	0%	0.033	370	407	10%	1.862	74	42	-44%	4.264	12	8	-30%	1.112
		66	Calibration	Sudbury Friars Street	WB	2700	2701				242	237	-2%	0.320	198	170	-14%	2.055	40	43	8%	0.481	5	24	440%	5.219
		46	Calibration	Sudbury A131 Ballingdon Street	WB	2785	3540				488	518	6%	1.323	386	399	3%	0.652	78	95	22%	1.872	25	24	-2%	0.125
		37	Calibration	Sudbury B1064	NB	2762	2790				445	386	-13%	2.900	358	315	-12%	2.367	72	60	-16%	1.406	15	11	-28%	1.174
		TOTAL					Calibration		Yes	Yes	2565	2588	1%	0.444	2037	2049	1%	0.281	409	415	2%	0.311	120	123	3%	0.317
41	Screenline 4 - Inbound	278	Calibration	Felixstowe	SB	2913	2914				554	569	3%	0.646	452	483	7%	1.419	91	64	-29%	3.025	11	22	104%	2.774
		282	Calibration	Felixstowe A1021 Beatrice Ave	SB	2912	2911				330	421	28%	4.687	268	324	21%	3.252	54	97	80%	4.950	8	0	-100%	4.026
		296	Calibration	Felixstowe	SB	3566	2939				268	155	-42%	7.744	215	129	-40%	6.586	43	20	-55%	4.214	9	7	-28%	0.927
		TOTAL					Calibration		Yes	Yes	1152	1145	-1%	0.194	935	936	0%	0.007	188	181	-4%	0.537	28	29	2%	0.095
42	Screenline 4 - Outbound	277	Calibration	Felixstowe	NB	2914	2913				598	689	15%	3.591	489	495	1%	0.296	98	113	15%	1.477	11	81	610%	10.220
		281	Calibration	Felixstowe A1021 Beatrice Ave	NB	2911	2912				279	326	17%	2.698	226	289	28%	3.891	45	37	-18%	1.255	7	0	-100%	3.853
		295	Calibration	Felixstowe	NB	2939	3566				265	182	-31%	5.553	211	145	-31%	4.981	42	34	-20%	1.391	12	4	-68%	2.887
		TOTAL					Calibration		Yes	Yes	1143	1198	5%	1.606	926	929	0%	0.084	186	185	-1%	0.108	31	84	176%	7.102
43	Screenline 5 - Inbound	146	Calibration	Stowmark	SB	2382	2375				103	335	226%	15.708	78	266	240%	14.310	16	56	258%	6.773	9	13	46%	1.210
		144	Calibration	Stowmarket B1115	WB	2380	2379				233	158	-32%	5.368	184	125	-32%	4.731	37	27	-28%	1.812	12	6	-49%	1.986
		151	Calibration	Stowmark	NB	2390	2318				523	421	-20%	4.716	412	320	-22%	4.843	83	68	-18%	1.707	28	33	18%	0.912
		147	Calibration	Stowmarket B1115 Finborough Rd	EB	2350	2349				100	150	50%	4.491	79	118	49%	3.901	16	28	73%	2.488	5	5	-2%	0.046
		156	Calibration	Stowmarket A1038 Bury Road	SB	3494	2340				506	401	-21%	4.923	402	326	-19%	3.963	81	54	-33%	3.261	23	21	-11%	0.520
		TOTAL					Calibration		Yes	Yes	1465	1465	0%	0.009	1156	1155	0%	0.015	232	233	0%	0.030	77	77	1%	0.046
44	Screenline 5 - Outbound	145	Calibration	Stowmark	NB	2375	2382				105	286	174%	13.003	79	232	193%	12.245	16	44	176%	5.114	9	11	12%	0.344
		143	Calibration	Stowmarket B1115	EB	2379	2380				236	163	-31%	5.209	186	126	-32%	4.786	37	27	-29%	1.906	13	10	-23%	0.886
		152	Calibration	Stowmark	SB	2318	2390				498	450	-10%	2.184	390	348	-11%	2.159	78	69	-12%	1.126	30	34	12%	0.633
		148	Calibration	Stowmarket B1115 Finborough Rd	WB	2349	2350				112	193	73%	6.583	90	145	61%	5.032	18	41	125%	4.180	4	8	113%	1.718
		155	Calibration	Stowmarket A1038 Bury Road	NB	2340	3494				437	294	-33%	7.470	349	244	-30%	6.127	70	39	-45%	4.237	17	11	-34%	1.581
		TOTAL					Calibration		Yes	Yes	1387	1386	0%	0.022	1094	1095	0%	0.015	220	219	0%	0.072	73	73	0%	0.027
		194	Calibration	Bury St	SB	2232	2230				310	129	-58%	12.189	245	97	-61%	11.360	49	18	-63%	5.299	15	14	-7%	0.293

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak	Interpeak															
											All				Car				LGV				HGV			
											Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
45	Screenline 6 - Inbound	192	Calibration	Bury St Edmunds B1106 Thetford Road	SWB	2235	2220				297	419	41%	6.448	237	334	41%	5.793	48	65	37%	2.330	13	20	51%	1.645
		200	Calibration	Bury St	SB	2234	2087				712	885	24%	6.152	492	678	38%	7.715	99	112	13%	1.262	121	95	-21%	2.475
		221	Calibration	Bury St Edmunds Hollow Road	NB	1358	3427				214	65	-70%	12.593	161	56	-65%	10.028	32	7	-78%	5.643	21	2	-91%	5.690
		204	Calibration	Bury St Edmunds Mount Road	WB	2284	2282				206	117	-43%	7.053	165	74	-55%	8.324	33	36	8%	0.446	8	7	-15%	0.421
		169	Calibration	Bury St Edmunds A134 Sicklesmere Road	NB	2132	2111				459	566	23%	4.713	356	433	22%	3.901	71	89	24%	1.946	32	44	37%	1.913
		171	Calibration	Bury St Edmunds A143 Horringer Road	NB	2144	2143				239	327	37%	5.242	188	264	41%	5.098	38	45	18%	1.070	14	19	34%	1.178
		187	Calibration	Bury St Edmunds Westley Road	EB	2180	2155				170	95	-44%	6.512	140	71	-49%	6.694	28	17	-40%	2.370	2	7	274%	2.422
		186	Calibration	Bury St Edmunds Tut Hill	SB	2232	2198				300	318	6%	1.026	238	228	-4%	0.649	48	57	20%	1.292	14	33	130%	3.824
		TOTAL				Calibration			Yes	Yes	2907	2922	1%	0.275	2221	2236	1%	0.336	446	446	0%	0.022	240	239	0%	0.037
46	Screenline 6 - Outbound	193	Calibration	Bury St	NB	2230	2232				280	173	-38%	7.107	221	130	-41%	6.868	44	32	-28%	2.027	15	11	-24%	0.973
		191	Calibration	Bury St Edmunds B1106 Thetford Road	NEB	2220	2235				339	498	47%	7.764	272	403	48%	7.112	55	80	45%	3.036	12	16	27%	0.892
		199	Calibration	Bury St	NB	2087	2234				756	779	3%	0.818	527	567	8%	1.716	106	97	-8%	0.883	124	115	-7%	0.784
		222	Calibration	Bury St Edmunds Hollow Road	SB	3427	1358				186	86	-54%	8.580	136	57	-58%	8.049	27	15	-45%	2.669	23	14	-38%	2.043
		203	Calibration	Bury St Edmunds Mount Road	EB	2282	2284				221	149	-33%	5.293	177	108	-39%	5.793	36	36	1%	0.080	8	5	-40%	1.287
		170	Calibration	Bury St Edmunds A134 Sicklesmere Road	SB	2111	2132				436	723	66%	11.913	332	546	64%	10.207	67	122	83%	5.712	37	54	47%	2.558
		172	Calibration	Bury St Edmunds A143 Horringer Road	SB	2143	2144				255	280	10%	1.533	201	232	16%	2.140	40	37	-9%	0.599	14	12	-19%	0.741
		188	Calibration	Bury St Edmunds Westley Road	WB	2155	2180				170	92	-46%	6.802	140	76	-46%	6.154	28	14	-50%	3.057	2	2	4%	0.058
		185	Calibration	Bury St Edmunds Tut Hill	NB	2198	2232				302	176	-42%	8.124	240	129	-46%	8.172	48	21	-57%	4.661	13	26	99%	2.928
		TOTAL				Calibration			Yes	Yes	2945	2956	0%	0.200	2246	2248	0%	0.044	451	453	0%	0.096	249	255	3%	0.423
47	Screenline 7 - Inbound	374	Calibration	Beccles	SB	2845	2839				489	513	5%	1.077	394	419	6%	1.265	79	68	-15%	1.341	16	26	62%	2.187
		389	Calibration	Beccles Bridge Street	EB	2852	2847				163	135	-17%	2.272	128	98	-23%	2.824	26	37	45%	2.063	9	0	-100%	4.314
		377	Calibration	Beccles	NB	2861	5652				206	168	-19%	2.804	157	130	-17%	2.254	32	29	-7%	0.389	17	8	-53%	2.583

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak	Interpeak															
											All				Car				LGV				HGV			
											Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
	Inbound	375	Calibration	Beccles B1062 Bungay Road	EB	2862	2827				192	228	18%	2.421	151	182	20%	2.349	30	33	8%	0.412	11	13	23%	0.713
		TOTAL				Calibration			Yes	Yes	1050	1043	-1%	0.213	830	829	0%	0.042	167	167	0%	0.020	53	47	-11%	0.837
48	Screenline 7 - Outbound	373	Calibration	Beccles	NB	2839	2845				543	508	-6%	1.507	436	420	-4%	0.770	88	60	-31%	3.188	19	28	47%	1.825
		390	Calibration	Beccles Bridge Street	WB	2847	2852				170	181	7%	0.886	138	128	-7%	0.834	28	53	92%	3.996	4	0	-100%	2.843
		378	Calibration	Beccles	SB	5652	2861				190	193	2%	0.256	145	152	5%	0.567	29	31	6%	0.333	16	10	-33%	1.442
		376	Calibration	Beccles B1062 Bungay Road	WB	2827	2862				185	203	10%	1.324	145	163	12%	1.422	29	30	2%	0.108	11	11	2%	0.066
		TOTAL				Calibration			Yes	Yes	1087	1086	0%	0.025	864	863	0%	0.035	174	174	0%	0.031	49	49	0%	0.029
49	Screenline 8 - Inbound	236	Calibration	Great Wickhamb rook B1063	SB	2481	3743				91	129	42%	3.654	72	99	37%	2.877	15	22	51%	1.740	4	8	115%	1.754
		268	Calibration		SB	5938	3774				49	98	100%	5.721	38	78	105%	5.221	8	14	89%	2.040	3	6	76%	1.193
		206	Calibration	Horninger	SWB	1011	5638				224	126	-44%	7.397	173	92	-47%	7.067	35	26	-27%	1.689	16	9	-45%	2.056
		34	Calibration	Alpheton A134	SB	5931	2793				282	351	25%	3.913	213	264	24%	3.333	43	61	42%	2.511	26	26	0%	0.017
		TOTAL				Calibration			Yes	Yes	645	705	9%	2.276	497	533	7%	1.607	100	123	23%	2.181	49	49	-1%	0.046
50	Screenline 8 - Outbound	235	Calibration	Great Wickhamb rook B1063	NB	3743	2481				89	95	8%	0.712	69	74	7%	0.587	14	9	-32%	1.306	5	12	122%	2.188
		267	Calibration		NB	3774	5938				49	72	47%	2.965	38	56	48%	2.658	8	11	50%	1.235	3	4	30%	0.515
		205	Calibration	Horninger	NEB	5638	1011				241	154	-36%	6.171	187	114	-39%	5.974	38	27	-30%	1.960	16	14	-15%	0.607
		33	Calibration	Alpheton A134	NB	2793	5931				281	339	21%	3.291	210	260	24%	3.276	42	55	30%	1.830	29	24	-17%	0.971
		TOTAL				Calibration			Yes	Yes	659	660	0%	0.040	504	504	0%	0.004	101	102	1%	0.097	54	54	0%	0.003
51	Screenline 9 - Southbound	116	Calibration	Harleston	SB	4629	3244				179	172	-4%	0.493	137	131	-4%	0.451	27	23	-18%	0.988	15	18	25%	0.891
		406	Calibration	Haleswort h A144	SB	3983	4535				179	190	6%	0.810	135	148	9%	1.058	27	33	23%	1.144	17	9	-46%	2.172
		420	Calibration	Southwold	WB	4572	4568				195	81	-58%	9.714	154	68	-56%	8.154	31	10	-66%	4.531	10	2	-75%	3.033
		422	Calibration	Southwold	SB	3228	4610				136	244	80%	7.885	108	192	78%	6.849	22	40	85%	3.322	6	13	104%	2.094
		424	Calibration	Wangford A12	SB	3233	3223				272	273	1%	0.095	207	203	-2%	0.295	42	42	1%	0.066	23	28	23%	1.054
		TOTAL				Calibration			Yes	Yes	961	962	0%	0.015	741	742	0%	0.033	149	149	0%	0.030	71	71	0%	0.008
52	Screenline 9 - Northbound	115	Calibration	Harleston	NB	3244	4629				178	177	-1%	0.106	136	136	0%	0.003	27	25	-7%	0.370	15	15	3%	0.118
		405	Calibration	Haleswort h A144	NB	4535	3983				194	160	-18%	2.560	143	118	-17%	2.183	29	28	-3%	0.171	22	14	-37%	1.928
		419	Calibration	Southwold	EB	4568	4572				182	86	-53%	8.277	145	72	-50%	7.019	29	11	-63%	4.120	8	3	-56%	1.826
		421	Calibration	Southwold	NB	4610	3228				139	249	79%	7.900	112	197	76%	6.870	23	38	71%	2.885	5	13	186%	2.898
		423	Calibration	Wangford A12	NB	3223	3233				264	285	8%	1.272	204	216	6%	0.887	41	46	12%	0.743	20	23	17%	0.721
		TOTAL				Calibration			Yes	Yes	957	957	0%	0.004	740	740	0%	0.008	149	148	0%	0.034	69	69	0%	0.007
53	Screenline 10 - Westbound	168	Calibration	Barningha	SB	3865	3263				125	191	54%	5.308	100	153	54%	4.782	20	26	32%	1.314	5	12	127%	2.274
		1670	Calibration	Rickinghall /Botesdal e Bypass	WB	3261	3943				235	237	1%	0.122	176	151	-14%	1.953	35	48	35%	1.906	24	39	60%	2.594
		1677	Calibration	North of	SB	3947	3912				76	131	73%	5.412	57	103	82%	5.213	11	21	87%	2.438	8	7	-17%	0.514
		1700	Calibration	South of Elmswell	WB	3886	3887				227	105	-54%	9.502	169	95	-44%	6.442	34	5	-86%	6.603	24	5	-81%	5.090
		TOTAL				Calibration			Yes	Yes	663	664	0%	0.048	501	503	0%	0.058	101	100	-1%	0.068	61	62	1%	0.080
54	Screenline 10 - Eastbound	167	Calibration	Barningha	NB	3263	3865				130	159	22%	2.357	103	125	21%	2.057	21	23	11%	0.496	7	11	59%	1.363
		1669	Calibration	Rickinghall /Botesdal e Bypass	EB	3943	3261				240	247	3%	0.458	179	170	-5%	0.699	36	39	7%	0.431	25	38	56%	2.446
		1678	Calibration	North of	NB	3912	3947				59	132	122%	7.416	44	107	142%	7.196	9	19	120%	2.821	6	6	-10%	0.268

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak	Interpeak											
											All				Car				LGV			
											Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		1699	Calibration	South of Elmswell	EB	3887	3886				217	111	-49%	8.286	162	87	-46%	6.635	32	17	-47%	3.096
		TOTAL				Calibration			Yes	Yes	646	648	0%	0.074	488	489	0%	0.051	98	98	0%	0.017
55	Screenline 11 - Northbound	123	Calibration	Brockford	NB	3905	1302				432	415	-4%	0.851	303	291	-4%	0.695	61	54	-11%	0.895
		101	Calibration	Debenham B1077 Aspall Road	NB	3923	5913				66	84	28%	2.091	50	65	29%	1.933	10	14	40%	1.157
		275	Calibration	Earl	EB	3200	5845				106	103	-3%	0.299	81	78	-4%	0.366	16	19	14%	0.541
		TOTAL				Calibration			Yes	Yes	604	602	0%	0.103	434	434	0%	0.028	87	87	-1%	0.054
56	Screenline 11 - Southbound	124	Calibration	Brockford	SB	1302	3905				441	416	-6%	1.231	305	284	-7%	1.197	61	54	-11%	0.924
		102	Calibration	Debenham B1077 Aspall Road	SB	5913	3923				62	92	50%	3.497	46	71	52%	3.168	9	15	57%	1.541
		276	Calibration	Earl	WB	5845	3200				115	109	-6%	0.627	87	83	-5%	0.450	18	19	8%	0.347
		TOTAL				Calibration			Yes	Yes	618	617	0%	0.057	438	438	0%	0.022	88	88	0%	0.022
57	Screenline 12 - Eastbound	129	Calibration	Needham	EB	3138	3720				158	188	19%	2.270	122	162	33%	3.347	25	25	3%	0.162
		13	Calibration	East Bergholt B1068	EB	3127	3114				80	81	2%	0.150	63	54	-13%	1.071	13	16	25%	0.848
		11	Calibration	Hadleigh	NB	3701	3130				194	214	10%	1.386	146	171	17%	1.938	29	37	26%	1.333
		10	Calibration	Hadleigh A1141	SB	5838	3130				210	160	-24%	3.687	167	111	-34%	4.778	34	23	-32%	2.051
		TOTAL				Calibration			Yes	Yes	642	643	0%	0.031	498	498	0%	0.004	100	101	1%	0.081
58	Screenline 12 - Westbound	130	Calibration	Needham	WB	3720	3138				153	161	5%	0.617	121	133	11%	1.132	24	25	2%	0.100
		14	Calibration	East Bergholt B1068	WB	3114	3127				75	148	97%	6.886	59	116	97%	6.129	12	23	96%	2.719
		12	Calibration	Hadleigh	SB	3130	3701				205	196	-4%	0.611	154	150	-2%	0.294	31	30	-2%	0.101
		9	Calibration	Hadleigh A1141	NB	3130	5838				212	141	-33%	5.338	168	102	-39%	5.694	34	23	-33%	2.088
		TOTAL				Calibration			Yes	Yes	645	647	0%	0.042	502	502	0%	0.016	101	101	0%	0.023
59	Screenline 13 - Northbound	430	Calibration	RAF	WB	1350	3802				231	222	-4%	0.620	182	179	-2%	0.238	37	31	-14%	0.887
		73	Calibration	Mildenhall A1065	NB	3277	3276				345	239	-31%	6.174	260	171	-34%	6.043	52	61	17%	1.195
		71	Calibration	Mildenhall	EB	3277	5622				933	1052	13%	3.771	689	789	14%	3.661	138	130	-6%	0.701
		1696	Calibration	Between A11 and A1101 Icklingham	NB	3278	3276				60	52	-13%	1.071	46	37	-19%	1.311	9	13	38%	1.057
		TOTAL				Calibration			Yes	Yes	1569	1565	0%	0.102	1177	1176	0%	0.025	237	236	0%	0.052
60	Screenline 13 - Southbound	429	Calibration	RAF	EB	3802	1350				431	380	-12%	2.551	344	312	-9%	1.748	69	51	-26%	2.331
		74	Calibration	Mildenhall A1065	SB	3276	3277				336	245	-27%	5.302	254	168	-34%	5.883	51	70	38%	2.491
		72	Calibration	Mildenhall	WB	5622	3277				926	1047	13%	3.844	677	783	16%	3.898	136	126	-7%	0.890
		1695	Calibration	Between A11 and A1101 Icklingham	SB	3276	3278				58	81	41%	2.823	44	59	33%	2.045	9	18	99%	2.411
		TOTAL				Calibration			Yes	Yes	1751	1753	0%	0.061	1319	1322	0%	0.079	265	265	0%	0.005
61	Screenline 14 Northbound	1694	Calibration	South	NB	5926	3964				146	115	-22%	2.763	114	76	-33%	3.836	23	17	-24%	1.197
		137	Calibration	Redgrave B1113	NB	3261	5810				61	19	-68%	6.576	47	15	-69%	5.818	9	3	-67%	2.524
		133	Calibration	Stuston	EB	3935	3248				208	242	16%	2.281	139	165	18%	2.078	28	36	28%	1.365

Interpeak																	
HGV																	
Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
23	6	-73%	4.362														
61	61	1%	0.075														
68	70	2%	0.150														
5	5	-12%	0.277														
9	7	-23%	0.736														
83	81	-2%	0.158														
75	77	3%	0.241														
6	7	19%	0.440														
11	7	-37%	1.335														
92	91	-1%	0.078														
11	0	-98%	4.573														
5	11	140%	2.283														
18	6	-68%	3.550														
10	27	167%	3.928														
44	44	0%	0.011														
9	3	-64%	2.273														
5	9	87%	1.571														
20	16	-22%	1.058														
10	16	65%	1.769														
43	44	1%	0.076														
12	11	-8%	0.279														
33	7	-79%	5.795														
106	133	26%	2.510														
5	2	-62%	1.662														
155	153	-2%	0.192														
18	16	-9%	0.393														
31	7	-78%	5.587														
113	139	23%	2.284														
5	5	2%	0.037														
167	167	0%	0.020														
10	21	115%	2.862														
5	2	-65%	1.746														
41	42	2%	0.138														

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	Interpeak	Off Peak
	- Northbound	196	Calibration	Bury St Edmunds A134	SB	3815	2250			
		TOTAL				Calibration			Yes	Yes
62	Screenline 14 - Southbound	1693	Calibration	South Redgrave B1113	SB	3964	5926			
		138	Calibration		SB	5810	3261			
		134	Calibration	Stuston	WB	3248	3935			
		195	Calibration	Bury St Edmunds A134	NB	2250	3815			
		TOTAL				Calibration			Yes	Yes
63	Screenline 15 - Northbound	43	Calibration	Sudbury	NB	2786	2636			
		31	Calibration	Nayland A134 Horkesley Road	NB	5661	1305			
		29	Calibration	Brantham	EB	3675	3104			
		TOTAL				Calibration			Yes	Yes
64	Screenline 15 - Southbound	44	Calibration	Sudbury	SB	2636	2786			
		32	Calibration	Nayland A134 Horkesley Road	SB	1305	5661			
		30	Calibration	Brantham	WB	3104	3675			
		TOTAL				Calibration			Yes	Yes

Interpeak																
All				Car				LGV				HGV				
Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
374	414	11%	1.995	269	314	17%	2.625	54	58	7%	0.489	51	42	-17%	1.305
789	790	0%	0.022	569	570	0%	0.038	114	114	0%	0.029	106	106	0%	0.004
154	167	9%	1.051	120	117	-2%	0.244	24	24	0%	0.002	10	26	156%	3.740
59	20	-66%	6.181	46	14	-69%	5.709	9	4	-60%	2.180	5	2	-49%	1.208
209	236	13%	1.801	139	151	9%	1.004	28	43	53%	2.496	42	42	0%	0.013
406	406	0%	0.006	296	318	7%	1.263	60	50	-15%	1.234	50	37	-26%	1.951
828	829	0%	0.045	601	601	0%	0.014	121	121	0%	0.017	107	107	1%	0.074
148	101	-32%	4.294	117	86	-27%	3.122	24	12	-51%	2.880	8	3	-58%	1.890
288	336	16%	2.663	220	251	14%	2.024	44	61	38%	2.317	24	23	-4%	0.177
137	138	1%	0.092	109	109	0%	0.038	22	17	-20%	0.975	6	11	80%	1.689
574	574	0%	0.008	446	446	0%	0.001	90	90	0%	0.045	38	38	-1%	0.041
152	75	-51%	7.227	121	63	-48%	6.046	24	8	-68%	4.119	7	4	-38%	1.064
283	352	24%	3.864	216	270	25%	3.490	43	62	42%	2.527	24	20	-16%	0.832
127	135	6%	0.700	101	105	4%	0.393	20	18	-13%	0.629	5	12	123%	2.269
561	561	0%	0.006	438	438	0%	0.018	88	87	-1%	0.100	36	36	1%	0.072

Appendix H.3

COUNTY WIDE SCREENLINES PM

Screenline			PM Peak															
			All				Car				LGV				HGV			
ID	Name	Type	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
1	Screenline 18 South - Inbound	Calibration	1792	1801	1%	0.225	1592	1593	0%	0.033	189	188	-1%	0.088	11	20	90%	2.416
2	Screenline 18 South - Outbound	Calibration	1517	1536	1%	0.482	1348	1354	0%	0.162	160	161	0%	0.044	9	21	138%	3.172
7	Screenline 18 North - Inbound	Calibration	1851	1829	-1%	0.512	1631	1608	-1%	0.576	209	209	0%	0.015	10	12	14%	0.437
8	Screenline 18 North - Outbound	Calibration	1211	1207	0%	0.112	1080	1077	0%	0.095	122	121	-1%	0.084	9	9	2%	0.052
31	Ipswich (Inner)-Inbound	Calibration	9633	9784	2%	1.530	8936	9064	1%	1.350	511	532	4%	0.938	187	188	1%	0.098
32	Ipswich (Inner)-Outbound	Calibration	9900	10034	1%	1.341	9242	9352	1%	1.145	478	497	4%	0.846	181	186	3%	0.355
33	Ipswich Outer-Inbound	Calibration	9953	9998	0%	0.451	8469	8510	0%	0.444	1004	1006	0%	0.083	481	482	0%	0.065
34	Ipswich Outer-Outbound	Calibration	12100	12126	0%	0.238	10393	10417	0%	0.231	1189	1189	0%	0.014	517	520	0%	0.096
35	Screenline 1 - Inbound	Calibration	2941	2978	1%	0.666	2569	2592	1%	0.448	323	336	4%	0.702	49	50	1%	0.099
36	Screenline 1 - Outbound	Calibration	2872	2911	1%	0.719	2513	2538	1%	0.494	316	329	4%	0.721	43	43	2%	0.137
37	Screenline 2 - Inbound	Calibration	2068	2071	0%	0.065	1794	1798	0%	0.093	226	225	0%	0.060	48	48	0%	0.016
38	Screenline 2 - Outbound	Calibration	1712	1716	0%	0.096	1489	1492	0%	0.100	187	187	0%	0.027	36	36	1%	0.082
39	Screenline 3 - Inbound	Calibration	3091	3120	1%	0.530	2686	2712	1%	0.499	338	340	1%	0.095	68	69	3%	0.226
40	Screenline 3 - Outbound	Calibration	3586	3662	2%	1.265	3128	3185	2%	1.020	393	400	2%	0.324	65	77	19%	1.470
41	Screenline 4 - Inbound	Calibration	1517	1512	0%	0.107	1335	1335	0%	0.005	168	161	-4%	0.532	14	17	21%	0.730
42	Screenline 4 - Outbound	Calibration	1512	1565	3%	1.342	1330	1334	0%	0.097	167	169	1%	0.095	15	62	328%	7.711
43	Screenline 5 - Inbound	Calibration	2036	2031	0%	0.107	1767	1764	0%	0.066	222	221	-1%	0.075	47	46	-2%	0.139
44	Screenline 5 - Outbound	Calibration	2075	2065	0%	0.223	1804	1795	0%	0.193	227	226	-1%	0.084	45	44	-2%	0.106
45	Screenline 6 - Inbound	Calibration	4599	4662	1%	0.932	3962	4029	2%	1.067	498	496	0%	0.103	139	137	-1%	0.151
46	Screenline 6 - Outbound	Calibration	4348	4357	0%	0.132	3740	3739	0%	0.008	470	477	1%	0.312	138	141	2%	0.203
47	Screenline 7 - Inbound	Calibration	1323	1318	0%	0.117	1148	1147	0%	0.019	144	144	-1%	0.070	30	27	-9%	0.515
48	Screenline 7 - Outbound	Calibration	1286	1283	0%	0.101	1121	1119	0%	0.066	141	140	-1%	0.110	24	24	0%	0.022
49	Screenline 8 - Inbound	Calibration	1211	1205	0%	0.173	1051	1046	-1%	0.164	132	131	-1%	0.090	27	28	1%	0.065
50	Screenline 8 - Outbound	Calibration	903	906	0%	0.124	777	781	1%	0.165	98	97	-1%	0.094	28	28	0%	0.011
51	Screenline 9 - Southbound	Calibration	1109	1112	0%	0.082	957	959	0%	0.062	120	121	1%	0.066	32	32	0%	0.014
52	Screenline 9 - Northbound	Calibration	1378	1371	0%	0.185	1188	1190	0%	0.065	149	150	0%	0.012	41	31	-23%	1.543

Screenline			PM Peak															
			All				Car				LGV				HGV			
ID	Name	Type	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
53	Screenline 10 - Westbound	Calibration	827	832	1%	**0.162**	707	711	0%	**0.129**	89	89	0%	**0.036**	31	32	3%	**0.159**
54	Screenline 10 - Eastbound	Calibration	1286	1300	1%	**0.388**	1099	1110	1%	**0.322**	138	140	1%	**0.143**	49	51	3%	**0.223**
55	Screenline 11 - Northbound	Calibration	971	974	0%	**0.108**	819	819	0%	**0.014**	103	104	1%	**0.100**	49	51	4%	**0.276**
56	Screenline 11 - Southbound	Calibration	872	875	0%	**0.091**	734	737	0%	**0.104**	92	92	0%	**0.043**	46	46	1%	**0.040**
57	Screenline 12 - Eastbound	Calibration	982	984	0%	**0.069**	854	855	0%	**0.036**	107	109	1%	**0.150**	20	20	-2%	**0.101**
58	Screenline 12 - Westbound	Calibration	1052	1056	0%	**0.127**	910	915	1%	**0.166**	114	114	0%	**0.045**	28	28	-1%	**0.078**
59	Screenline 13 - Northbound	Calibration	2534	2540	0%	**0.125**	2166	2169	0%	**0.055**	273	272	0%	**0.015**	95	99	4%	**0.405**
60	Screenline 13 - Southbound	Calibration	2109	2133	1%	**0.521**	1789	1794	0%	**0.119**	225	226	1%	**0.082**	95	113	**19%**	**1.735**
61	Screenline 14 - Northbound	Calibration	1194	1199	0%	**0.169**	1007	1013	1%	**0.197**	127	126	0%	**0.019**	60	60	0%	**0.026**
62	Screenline 14 - Southbound	Calibration	1314	1305	-1%	**0.227**	1107	1099	-1%	**0.242**	139	139	0%	**0.055**	67	67	1%	**0.061**
63	Screenline 15 - Northbound	Calibration	1009	1006	0%	**0.093**	883	880	0%	**0.099**	111	111	0%	**0.009**	15	15	-1%	**0.026**
64	Screenline 15 - Southbound	Calibration	787	789	0%	**0.089**	679	683	1%	**0.138**	85	85	-1%	**0.056**	22	21	-3%	**0.122**

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	PM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
1	Screenline 18 South - Inbound	548	Calibration	Mutfordw	EB	4567	5070					29	47	60%	2.838	26	44	69%	3.011	3	3	-4%	0.078	0	0	-90%	0.500
		550	Calibration	Rushmere Road	EB	4566	5000					77	0	-100%	12.431	69	0	-100%	11.718	8	0	-100%	4.043	0	0	-99%	0.939
		552	Calibration	Gisleham	NB	9600	5010					42	56	32%	1.938	37	55	46%	2.548	4	1	-79%	2.134	0	0	-96%	0.666
		554	Calibration	A146 Beccles Road	EB	4512	2000					890	1058	19%	5.395	791	938	19%	5.015	94	108	15%	1.396	5	12	132%	2.346
		558	Calibration	A12 London Road	NB	5390	1000					754	641	-15%	4.263	669	557	-17%	4.542	80	76	-4%	0.389	4	8	76%	1.359
		TOTAL				Calibration			Yes	Yes	Yes	1792	1801	1%	0.225	1592	1593	0%	0.033	189	188	-1%	0.088	11	20	90%	2.416
2	Screenline 18 South - Outbound	549	Calibration	Mutfordw	WB	5070	4567					21	52	146%	5.082	19	45	143%	4.712	2	6	184%	1.983	0	0	-100%	0.497
		551	Calibration	Rushmere Road	WB	5000	4566					41	0	-100%	9.011	36	0	-100%	8.493	4	0	-100%	2.930	0	0	-100%	0.690
		553	Calibration	Gisleham	SB	5010	9600					26	29	12%	0.583	23	27	17%	0.794	3	1	-56%	1.103	0	1	413%	0.926
		555	Calibration	A146 Beccles Road	WB	2000	4512					659	833	26%	6.368	586	739	26%	5.943	70	84	21%	1.631	4	11	174%	2.500
		559	Calibration	A12 London Road	SB	1000	5390					770	621	-19%	5.623	684	542	-21%	5.720	81	69	-15%	1.381	5	10	118%	1.983
		TOTAL				Calibration			Yes	Yes	Yes	1517	1536	1%	0.482	1348	1354	0%	0.162	160	161	0%	0.044	9	21	138%	3.172
7	Screenline 18 North - Inbound	606	Calibration	B1074	NB	6324	9440					217	215	-1%	0.144	193	179	-7%	1.012	23	34	49%	2.100	1	2	36%	0.377
		609	Calibration	Fixton Road	SB	5656	4563					75	45	-40%	3.916	67	40	-41%	3.734	8	5	-33%	1.037	0	0	-100%	0.942
		611	Calibration	Coast	SB	6326	9510					68	1	-99%	11.508	61	1	-99%	10.831	7	0	-100%	3.785	0	0	-100%	0.894
		1464	Calibration	JTC 4_A-In	0	6280	6270					1489	1568	5%	2.001	1310	1388	6%	2.124	171	169	-1%	0.122	8	10	23%	0.608
		TOTAL				Calibration			Yes	Yes	Yes	1851	1829	-1%	0.512	1631	1608	-1%	0.576	209	209	0%	0.015	10	12	14%	0.437
8	Screenline 18 North - Outbound	607	Calibration	B1074	SB	9440	6324					142	181	28%	3.098	126	158	26%	2.736	15	21	40%	1.420	1	2	84%	0.644
		608	Calibration	Fixton Road	NB	4563	5656					56	18	-68%	6.267	49	16	-69%	5.948	6	2	-63%	1.856	0	0	-100%	0.808
		610	Calibration	Coast	NB	9510	6326					51	27	-48%	3.922	46	27	-41%	3.144	5	0	-98%	3.204	0	0	-100%	0.774
		1465	Calibration	JTC 4_A-Out	0	6270	6280					962	981	2%	0.616	859	877	2%	0.579	96	98	2%	0.211	7	7	1%	0.030
		TOTAL				Calibration			Yes	Yes	Yes	1211	1207	0%	0.112	1080	1077	0%	0.095	122	121	-1%	0.084	9	9	2%	0.052
		2216	Calibration	Tuddenha	SB	30790	30541					260	328	26%	3.970	247	315	27%	4.030	11	9	-21%	0.723	1	4	191%	1.628
		2218	Calibration	Sidegate Lane	WB	30556	30327					151	140	-8%	0.972	144	127	-12%	1.488	7	5	-32%	0.917	1	8	1416%	3.689
		2220	Calibration	Renfew	SB	30400	30770					131	76	-42%	5.420	125	73	-42%	5.226	5	2	-66%	1.792	0	1	148%	0.525
		2222	Calibration	Humber Douchy Lane	SB	30641	30300					72	50	-30%	2.800	68	43	-37%	3.368	3	1	-73%	1.523	0	6	2468%	3.165
		2224	Calibration	East of Humber Douchy Road	WB	30562	30300					104	221	113%	9.206	100	210	111%	8.893	4	9	133%	2.031	0	2	589%	1.473
		692	Calibration	A1214 Woodbridge Road	WB	30301	30298					756	695	-8%	2.281	691	644	-7%	1.832	44	44	1%	0.085	21	7	-69%	3.935
		696	Calibration	Foxhall Road	WB	30394	30372					706	621	-12%	3.301	643	591	-8%	2.097	49	14	-71%	6.151	14	16	11%	0.391
		2226	Calibration	Bucklesham Road	WB	30628	30440					199	89	-55%	9.127	192	86	-55%	9.027	7	4	-47%	1.418	0	0	-11%	0.052
		1702	Calibration	Warren Heath	WB	30256	30255					993	1342	35%	10.208	865	1241	43%	11.567	109	73	-32%	3.703	19	28	46%	1.819
		2227	Calibration	Lindbergh Road North of Campbell Road	NB	30435	30254					193	112	-42%	6.599	186	107	-43%	6.543	7	2	-72%	2.429	1	3	510%	2.004

												PM Peak															
												All				Car				LGV				HGV			
ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
31	Ipswich (Inner)-Inbound	2229	Calibration	Nacton Road South of Landseer Road	NB	30671	30241					762	675	-11%	3.259	709	617	-13%	3.589	37	52	43%	2.381	16	6	-66%	3.264
		848	Calibration	Jn 40 Clapgate Lane - Landseer Road from Clapgate Lane S	0	30376	30235					165	66	-60%	9.181	147	61	-58%	8.380	17	2	-87%	4.864	0	2	0%	2.133
		2259	Calibration	Landseer Road West Of Clapgate Lane	EB	30676	30235					423	560	32%	6.175	395	513	30%	5.525	21	46	118%	4.279	7	1	-80%	2.729
		2231	Calibration	Cliff Lane East of Landseer Road	EB	30227	30686					139	120	-13%	1.642	130	119	-8%	0.945	8	1	-92%	3.648	1	0	-67%	0.605
		2233	Calibration	Holywell Road South of Patteson Road	NB	70114	30226					365	339	-7%	1.400	344	290	-16%	3.030	19	35	82%	3.028	2	14	518%	4.152
		2235	Calibration	Cliff Road South of Patterson Road	NB	70076	70094					51	52	1%	0.070	46	48	4%	0.299	2	2	-9%	0.149	2	1	-55%	1.007
		2271	Calibration	Bridge Street	NB	30214	70166					842	1138	35%	9.394	759	1053	39%	9.786	35	78	126%	5.804	49	6	-87%	8.136
		972	Calibration	Jn 21 Princes Street - Burrell Road to Princes Street	0	30168	20318					273	346	27%	4.129	259	333	29%	4.305	14	13	-10%	0.379	0	0	0%	0.000
		2237	Calibration	Between Hadham Road and Yarmouth Road	EB	30148	20014					996	886	-11%	3.585	924	820	-11%	3.542	41	40	-1%	0.089	31	26	-16%	0.900
		2239	Calibration	Between Beaconsfield Road and Yarmouth Road	EB	30819	20025					454	443	-3%	0.537	429	414	-4%	0.763	19	28	49%	1.897	6	1	-81%	2.566
		2242	Calibration	Bramford Lane Between All Saints and Brookshall Road	SB	30746	30145					170	94	-45%	6.667	165	90	-45%	6.612	4	2	-53%	1.247	1	1	40%	0.340
		2244	Calibration	Norwich road Between Broom Hill and Westwood	SB	20267	20027					659	851	29%	6.990	633	793	25%	6.003	24	58	143%	5.320	3	1	-69%	1.480
		2246	Calibration	Dale Hall Lane North of Valley Road	SB	20270	20043					224	183	-18%	2.905	213	147	-31%	4.912	9	5	-50%	1.761	2	31	1546%	7.183

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	PM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		2248	Calibration	Henley Road N of Valley Road	SB	30334	20044					545	360	-34%	8.685	521	330	-37%	9.283	15	8	-48%	2.152	9	23	164%	3.555
		TOTAL				Calibration			Yes	Yes	Yes	9633	9784	2%	1.530	8936	9064	1%	1.350	511	532	4%	0.938	187	188	1%	0.098
32	**Ipswich (Inner)-Outbound**	2215	Calibration	Tuddenham Sidegate Lane	NB	30541	30790					320	437	36%	5.978	316	421	33%	5.449	3	9	182%	2.372	1	7	589%	2.946
		2217	Calibration		EB	30327	30556					174	93	-47%	7.061	165	75	-55%	8.224	9	2	-79%	3.046	0	16	4731%	5.466
		2219	Calibration	Renfrew	NB	30770	30400					157	136	-13%	1.750	150	132	-12%	1.478	7	1	-84%	2.916	0	2	2020%	2.008
		2221	Calibration	Humber Douchy Lane	NB	30300	30641					102	108	6%	0.611	98	102	4%	0.352	4	2	-36%	0.777	0	4	3748%	2.794
		2223	Calibration	East of Humber Douchy Road	EB	30300	30562					203	234	15%	2.097	198	211	7%	0.940	4	19	410%	4.537	1	3	205%	1.502
		691	Calibration	A1214 Woodbridge Road	EB	30298	30301					769	888	15%	4.140	701	828	18%	4.588	50	54	9%	0.626	18	6	-68%	3.550
		695	Calibration	Foxhall Road	EB	30372	30394					504	219	-56%	14.947	467	193	-59%	15.045	29	13	-57%	3.671	8	14	78%	1.819
		2225	Calibration	Bucklesham Road	EB	30440	30628					83	15	-82%	9.664	78	13	-83%	9.630	4	2	-56%	1.342	0	0	-59%	0.404
		1701	Calibration	Warren Heath	EB	30255	30256					771	1080	40%	10.160	672	1031	54%	12.323	84	40	-52%	5.596	15	9	-42%	1.836
		2228	Calibration	Lindbergh Road North of Campbell Road	SB	30254	30435					109	67	-38%	4.419	103	60	-41%	4.715	6	2	-72%	2.247	0	6	2492%	3.182
		2230	Calibration	Nacton Road South of Landseer Road	SB	30241	30671					620	752	21%	5.020	596	684	15%	3.477	17	64	278%	7.423	7	3	-57%	1.772
		1041	Calibration	Jn 40 Clapgate Lane - Landseer Road to Clapgate Lane S	0	30235	30376					183	87	-53%	8.317	165	84	-49%	7.204	19	2	-89%	5.104	0	0	0%	0.582
		2260	Calibration	Landseer Road West Of Clapgate Lane	WB	30235	30676					428	533	24%	4.778	392	470	20%	3.743	28	45	60%	2.774	8	18	131%	2.856
		2232	Calibration	Cliff Lane East of Landseer Road	WB	30686	30227					93	53	-43%	4.734	88	47	-46%	4.969	5	5	16%	0.330	1	0	-51%	0.521
		2234	Calibration	Holywell Road South of Patteson Road	SB	30226	70114					328	318	-3%	0.612	310	292	-6%	1.055	17	25	47%	1.741	2	1	-35%	0.516
		2236	Calibration	Cliff Road South of Patterson Road	SB	70094	70076					17	42	153%	4.705	13	40	196%	5.095	2	2	16%	0.190	2	1	-51%	0.791
		2272	Calibration	Bridge Street	SB	70166	30214					903	1358	50%	13.529	816	1272	56%	14.120	33	77	137%	6.027	55	9	-84%	8.193
		779	Calibration	Jn 21 Princes Street - Burrell Road from Princes Street	0	20318	30168					551	543	-1%	0.317	527	533	1%	0.256	24	10	-56%	3.227	0	0	0%	0.000

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	PM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		2238	Calibration	Between Hadham Road and Yarmouth Road	WB	20014	30148					1259	966	-23%	8.790	1180	893	-24%	8.913	45	42	-5%	0.359	34	30	-11%	0.674
		2240	Calibration	Between Beaconsfield Road and Yarmouth Road	WB	20025	30819					656	357	-46%	13.281	629	334	-47%	13.428	22	21	-7%	0.322	5	2	-59%	1.516
		2241	Calibration	Bramford Lane Between All Saints and Brookshall Road	NB	30145	30746					95	112	18%	1.668	91	109	19%	1.716	3	2	-30%	0.534	0	1	128%	0.671
		2243	Calibration	Norwich road Between Broom Hill and Westwood	NB	20027	20267					906	1101	22%	6.158	851	1049	23%	6.425	36	51	43%	2.304	19	1	-94%	5.695
		2245	Calibration	Dale Hall Lane North of Valley Road	NB	20043	20270					246	279	14%	2.067	232	236	2%	0.248	13	2	-82%	3.895	1	41	7009%	8.897
		2247	Calibration	Henley Road N of Valley Road	NB	20044	30334					423	257	-39%	9.043	403	241	-40%	8.985	16	3	-78%	3.997	5	12	147%	2.420
		TOTAL				Calibration			Yes	Yes	Yes	9900	10034	1%	1.341	9242	9352	1%	1.145	478	497	4%	0.846	181	186	3%	0.355
		2120	Calibration	Saw Hill Ipswich A1071	NB	50035	50034					390	84	-79%	19.906	358	72	-80%	19.522	30	11	-63%	4.173	2	1	-60%	1.006
		17	Calibration		EB	5641	50034					514	317	-38%	9.671	438	291	-34%	7.726	55	19	-65%	5.921	20	7	-67%	3.682
		2122	Calibration	Burstall	EB	5841	30135					153	222	45%	5.006	144	180	26%	2.889	9	40	334%	6.186	0	1	349%	1.209
		2124	Calibration	Somersham Road East of The Beeches	EB	5643	50029					116	901	678%	34.823	108	811	648%	32.758	7	84	1122%	11.469	1	6	1011%	3.043
		118	Calibration	Claydon Bramford Road	SB	50026	50027					401	619	54%	9.647	344	561	63%	10.202	43	46	7%	0.441	14	12	-15%	0.568
		1259	Calibration	JTC 13_D-Out	0	50018	30505					120	28	-77%	10.668	102	23	-78%	10.071	18	2	-92%	5.280	0	4	0%	2.876
		2127	Calibration	Henley Road	SB	50084	50083					389	285	-27%	5.709	372	260	-30%	6.301	16	17	6%	0.229	1	7	576%	3.063
		2129	Calibration	Westerfield Road	SB	50082	30536					173	156	-10%	1.307	162	136	-16%	2.120	10	19	93%	2.443	0	0	-52%	0.404
		2131	Calibration	Clopton Road	SB	50080	50077					39	38	-4%	0.269	36	34	-6%	0.370	3	1	-74%	1.543	0	3	1156%	2.080
		2133	Calibration	Unamed Road[30M]Btwn Holly Lane And Grundisburgh Road	SB	50063	50065					168	278	66%	7.377	160	262	64%	6.999	7	14	100%	2.147	1	3	164%	1.209
		2135	Calibration	Ipswich Road[60M]North Of Culpho	SB	50073	50074					73	100	37%	2.872	68	98	44%	3.271	5	2	-65%	1.700	0	0	-50%	0.273

												PM Peak															
												All				Car				LGV				HGV			
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33	Ipswich Outer-Inbound	2137	Calibration	Lodge Road[30M]East Of Manor House Road	SB	50059	30313					44	2	-94%	8.629	43	2	-94%	8.521	1	0	-91%	1.210	0	0	-96%	0.624
		1659	Calibration	A12 Woodbridge	SB	50051	50050					1490	1202	-19%	7.849	1296	1042	-20%	7.444	163	132	-19%	2.567	30	28	-7%	0.411
		358	Calibration	Woodbridge Ipswich Road	WB	6014	50107					525	592	13%	2.834	458	560	22%	4.505	58	30	-48%	4.160	10	3	-73%	2.841
		2139	Calibration	Sandy Lane[60M]East Of Top Street	WB	5448	5447					56	136	143%	8.163	51	128	152%	8.186	5	7	56%	1.061	1	0	-19%	0.149
		2140	Calibration	School Lane[60M]East Of Viking Heights	NB	30580	30309					87	200	130%	9.453	80	185	131%	9.090	7	14	105%	2.197	0	2	528%	1.587
		2143	Calibration	14139-021 Suffolk. Newbourne Road East of A12. Westbound	WB	30613	30611					319	100	-69%	15.158	300	90	-70%	15.025	17	6	-62%	3.037	2	3	55%	0.668
		2145	Calibration	14139-022 Suffolk. Main Road East of Road Connects Seven Hills. Westbound	WB	30618	30356					51	52	3%	0.183	48	45	-5%	0.350	2	6	145%	1.665	1	1	47%	0.393
		1752	Calibration	A14/2010 B; MIDAS site at A14/2010 B priority 1 on link 106053402	WB	30353	30104					1631	1693	4%	1.529	1272	1325	4%	1.476	131	137	4%	0.500	228	231	1%	0.223
		2147	Calibration	14139-024 Suffolk. Felixstowe Road East of A1156. Westbound	WB	30349	30259					212	18	-91%	18.071	201	0	-100%	20.071	10	0	-100%	4.456	1	18	1979%	5.616
		2148	Calibration	14139-025 Suffolk. The Street South of Felixstowe Road. Northbound	NB	30263	30258					92	96	4%	0.400	88	87	-2%	0.175	3	9	178%	2.368	0	0	-100%	0.937

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	PM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		2150	Calibration	14139-026 Suffolk. Nacton Road South of A14. Northbound	NB	30260	30080					100	46	-54%	6.252	96	39	-60%	7.005	4	5	36%	0.633	0	3	1238%	2.162
		1662	Calibration	Freston Hill	NB	3106	50049					299	339	13%	2.239	260	316	22%	3.296	33	22	-33%	2.062	6	1	-81%	2.648
		15	Calibration	Ipswich A137	NB	30347	30062					426	440	3%	0.661	369	392	6%	1.175	46	41	-11%	0.753	11	7	-39%	1.414
		659	Calibration	Grove Hill	NB	30223	30203					196	120	-39%	6.014	172	113	-34%	4.938	20	6	-72%	4.060	3	1	-59%	1.287
		1240	Calibration	JTC 11_C-In	0	50040	30797					1889	1934	2%	1.037	1440	1458	1%	0.481	302	337	12%	1.965	147	139	-6%	0.678
		TOTAL				Calibration			Yes	Yes	Yes	9953	9998	0%	0.451	8469	8510	0%	0.444	1004	1006	0%	0.083	481	482	0%	0.065
		2121	Calibration	Saw Hill Ipswich A1071	SB	50034	50035					302	108	-64%	13.526	285	98	-65%	13.478	17	9	-44%	2.024	1	1	11%	0.087
		18	Calibration		WB	50034	5641					599	426	-29%	7.637	521	357	-31%	7.805	65	50	-23%	2.005	12	18	48%	1.515
		2123	Calibration	Burstall	WB	30135	5841					121	240	98%	8.807	119	205	73%	6.768	2	33	1409%	7.299	1	3	286%	1.488
		2125	Calibration	Somersham Road East of The Beeches	WB	50029	5643					178	664	272%	23.662	170	592	247%	21.590	7	63	778%	9.461	1	9	904%	3.605
		117	Calibration	Claydon Bramford Road	NB	50027	50025					415	816	97%	16.194	359	715	99%	15.389	45	88	96%	5.302	11	12	17%	0.525
		1258	Calibration	JTC 13_D-In	0	30505	50018					164	38	-77%	12.538	151	29	-81%	12.805	11	5	-57%	2.223	2	4	92%	1.078
		1849	Calibration	A14 MIDAS site at A14/1813 B priority 1 on link 106063901	WB	50024	50022					2974	2962	0%	0.229	2410	2397	-1%	0.251	297	296	0%	0.009	268	268	0%	0.001
		2126	Calibration	Henley Road	NB	50083	50084					264	185	-30%	5.273	254	151	-41%	7.255	9	24	163%	3.621	1	11	726%	3.870
		2128	Calibration	Westerfield Road	NB	30536	50082					179	169	-6%	0.805	174	151	-13%	1.793	6	16	197%	3.283	0	1	1240%	1.530
		2130	Calibration	Clopton Road	NB	50077	50080					50	35	-30%	2.259	48	30	-37%	2.854	1	3	220%	1.575	0	1	185%	0.885
		2132	Calibration	Unamed Road[30M]Btwn Holly Lane And Grundisburgh Road	NB	50065	50063					196	396	102%	11.638	191	373	95%	10.841	5	18	281%	3.901	0	5	2331%	3.070
		2134	Calibration	Ipswich Road[60M]North Of Culpho	NB	50074	50073					95	193	103%	8.172	91	185	103%	7.995	3	7	111%	1.652	0	0	162%	0.398
		2136	Calibration	Lodge Road[30M]East Of Manor House Road	NB	30313	50059					35	2	-96%	7.829	33	1	-96%	7.643	2	0	-92%	1.739	0	0	-41%	0.150
		1660	Calibration	A12 Woodbridge	NB	50050	50051					1522	1560	2%	0.957	1324	1335	1%	0.296	167	202	21%	2.579	31	23	-27%	1.583

												PM Peak															
												All				Car				LGV				HGV			
ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
34	Ipswich Outer-Outbound	357	Calibration	Woodbridge Ipswich Road	EB	50107	6014					609	309	-49%	13.983	533	279	-48%	12.593	67	29	-57%	5.476	9	1	-89%	3.547
		2138	Calibration	Sandy Lane[60M]East Of Top Street	EB	5447	5448					50	224	346%	14.853	47	210	345%	14.354	3	13	346%	3.578	0	1	562%	1.348
		2141	Calibration	School Lane[60M]East Of Viking Heights	SB	30309	30580					67	92	36%	2.751	63	79	25%	1.888	3	10	216%	2.652	1	2	274%	1.443
		2142	Calibration	14139-021 Suffolk. Newbourne Road East of A12. Eastbound	EB	30611	30613					228	63	-73%	13.720	211	50	-76%	14.085	14	11	-25%	0.979	3	2	-34%	0.649
		2144	Calibration	14139-022 Suffolk. Main Road East of Road Connects Seven Hills. Eastbound	EB	30356	30618					97	59	-39%	4.246	88	50	-43%	4.558	8	8	4%	0.103	1	1	23%	0.190
		2146	Calibration	14139-024 Suffolk. Felixstowe Road East of A1156. Eastbound	EB	30259	30349					141	12	-92%	14.815	134	3	-97%	15.756	5	0	-96%	3.115	2	8	334%	2.793
		2149	Calibration	14139-025 Suffolk. The Street South of Felixstowe Road. Southbound	SB	30258	30263					75	68	-8%	0.745	71	60	-16%	1.399	3	9	168%	2.233	0	0	-100%	0.937
		2151	Calibration	14139-026 Suffolk. Nacton Road South of A14. Southbound	SB	30080	30260					70	192	176%	10.727	67	168	151%	9.329	2	19	696%	5.067	0	5	4581%	3.103
		1661	Calibration	Freston Hill	SB	50049	3106					571	548	-4%	0.961	496	501	1%	0.212	62	46	-27%	2.265	12	1	-89%	4.145
		16	Calibration	Ipswich A137	SB	30062	30347					720	650	-10%	2.693	629	560	-11%	2.857	79	79	0%	0.041	12	11	-4%	0.135
		660	Calibration	Grove Hill	SB	30203	30223					74	21	-71%	7.660	68	19	-72%	7.391	5	2	-67%	1.917	1	0	-63%	0.661
		1241	Calibration	JTC 11_C-Out	0	30798	50041					2304	2095	-9%	4.465	1856	1816	-2%	0.924	300	150	-50%	10.030	148	129	-13%	1.650

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	PM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
	TOTAL					Calibration			Yes	Yes	Yes	12100	12126	0%	0.238	10393	10417	0%	0.231	1189	1189	0%	0.014	517	520	0%	0.096
35	**Screenline 1 - Inbound**	84	Calibration	Newmark	SB	2506	2490					761	850	12%	3.143	664	726	9%	2.348	84	109	31%	2.605	13	15	13%	0.459
		86	Calibration	Newmarket A1304 Bury Road	SB	2534	2447					567	603	6%	1.464	496	500	1%	0.189	62	100	61%	4.189	9	3	-70%	2.669
		96	Calibration	Newmark	WB	2479	2478					156	85	-46%	6.532	136	73	-46%	6.136	17	10	-40%	1.834	3	1	-66%	1.458
		91	Calibration	Newmarket A1304 Barbara Stradbroke Avenue	EB	2437	2438					908	1209	33%	9.268	791	1070	35%	9.163	99	109	10%	0.967	17	29	70%	2.507
		94	Calibration	Newmarket Exning Road	SB	2514	2485					549	231	-58%	16.105	483	223	-54%	13.849	61	7	-88%	9.216	6	1	-75%	2.302
	TOTAL					Calibration			Yes	Yes	Yes	2941	2978	1%	0.666	2569	2592	1%	0.448	323	336	4%	0.702	49	50	1%	0.099
36	**Screenline 1 - Outbound**	83	Calibration	Newmark	NB	2490	2506					1126	1252	11%	3.651	988	1107	12%	3.685	124	125	0%	0.026	14	20	46%	1.544
		85	Calibration	Newmarket A1304 Bury Road	NB	2447	2534					600	791	32%	7.225	525	676	29%	6.167	66	107	63%	4.441	9	7	-22%	0.697
		95	Calibration	Newmark	EB	2478	2479					333	101	-70%	15.738	292	89	-69%	14.690	37	9	-77%	5.925	5	4	-22%	0.486
		92	Calibration	Newmarket A1304 Barbara Stradbroke Avenue	WB	2438	2437					404	334	-17%	3.671	351	261	-26%	5.149	44	66	49%	2.921	10	7	-23%	0.744
		93	Calibration	Newmarket Exning Road	NB	2485	2514					409	434	6%	1.201	358	405	13%	2.413	45	23	-49%	3.805	6	5	-6%	0.140
	TOTAL					Calibration			Yes	Yes	Yes	2872	2911	1%	0.719	2513	2538	1%	0.494	316	329	4%	0.721	43	43	2%	0.137
37	**Screenline 2 - Inbound**	240	Calibration	Haverhill	WB	2625	2584					424	381	-10%	2.107	369	331	-10%	2.030	46	47	1%	0.047	8	4	-56%	1.900
		259	Calibration	Haverhill Bumpstead Road	NB	2543	2544					473	614	30%	6.083	412	574	40%	7.335	52	34	-35%	2.767	9	6	-32%	1.065
		245	Calibration	Haverhill	NB	2556	2612					229	321	41%	5.605	190	215	13%	1.735	24	82	243%	7.974	15	25	71%	2.312
		251	Calibration	Haverhill A1307	EB	2611	2605					697	661	-5%	1.408	608	596	-2%	0.494	76	55	-28%	2.658	13	10	-23%	0.891
		248	Calibration	Haverhill Queens Street	SB	2628	2603					246	93	-62%	11.748	216	82	-62%	10.940	27	8	-72%	4.710	3	3	9%	0.143
	TOTAL					Calibration			Yes	Yes	Yes	2068	2071	0%	0.065	1794	1798	0%	0.093	226	225	0%	0.060	48	48	0%	0.016
38	**Screenline 2 - Outbound**	239	Calibration	Haverhill	EB	2584	2625					481	410	-15%	3.340	421	362	-14%	2.987	53	40	-25%	1.945	7	8	28%	0.681
		260	Calibration	Haverhill Bumpstead Road	SB	2544	2543					295	387	31%	5.004	255	355	39%	5.727	32	28	-12%	0.678	7	3	-54%	1.714
		246	Calibration	Haverhill	SB	2612	2556					453	509	12%	2.560	390	427	10%	1.859	49	64	31%	2.015	14	18	24%	0.856
		252	Calibration	Haverhill A1307	WB	2605	2611					372	348	-6%	1.247	324	296	-9%	1.632	41	48	18%	1.117	7	4	-35%	1.005
		247	Calibration	Haverhill Queens Street	NB	2603	2628					111	61	-45%	5.435	98	52	-47%	5.301	12	6	-49%	1.968	1	2	175%	1.194
	TOTAL					Calibration			Yes	Yes	Yes	1712	1716	0%	0.096	1489	1492	0%	0.100	187	187	0%	0.027	36	36	1%	0.082
39	**Screenline 3 - Inbound**	36	Calibration	Sudbury	SB	5829	2789					453	477	5%	1.100	390	409	5%	0.935	49	55	11%	0.763	14	13	-3%	0.131
		40	Calibration	Sudbury Waldingfield Road	WB	3545	3536					315	311	-1%	0.203	274	256	-7%	1.142	35	49	42%	2.228	6	6	11%	0.249
		42	Calibration	Sudbury	WB	3503	2783					490	558	14%	2.955	425	475	12%	2.336	53	68	27%	1.823	12	16	34%	1.060
		61	Calibration	Sudbury Gt.Cornard	NB	2673	2676					387	377	-3%	0.526	341	346	2%	0.289	43	29	-33%	2.400	4	2	-37%	0.760
		65	Calibration	Sudbury Friars Street	EB	2701	2700					257	272	6%	0.907	223	257	15%	2.199	28	12	-58%	3.669	7	4	-43%	1.276

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												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		45	Calibration	Sudbury A131 Ballingdon Street	EB	3540	2785					712	795	12%	3.020	619	700	13%	3.167	78	68	-13%	1.163	16	27	74%	2.494
		38	Calibration	Sudbury B1064	SB	2790	2762					476	330	-31%	7.254	413	269	-35%	7.824	52	60	16%	1.105	11	1	-89%	3.874
		TOTAL				Calibration			Yes	Yes	Yes	3091	3120	1%	0.530	2686	2712	1%	0.499	338	340	1%	0.095	68	69	3%	0.226
40	Screenline 3 - Outbound	35	Calibration	Sudbury	NB	2789	5829					343	353	3%	0.514	296	304	3%	0.460	37	38	2%	0.126	10	11	8%	0.263
		39	Calibration	Sudbury Waldingfield Road	EB	3536	3545					372	306	-18%	3.595	326	261	-20%	3.772	41	38	-8%	0.507	5	6	36%	0.715
		41	Calibration	Sudbury	EB	2783	3503					590	689	17%	3.914	507	584	15%	3.283	64	92	45%	3.221	19	13	-33%	1.559
		62	Calibration	Sudbury Gt.Cornard	SB	2676	2673					671	651	-3%	0.751	588	600	2%	0.489	74	47	-36%	3.447	9	5	-48%	1.670
		66	Calibration	Sudbury Friars Street	WB	2700	2701					315	322	2%	0.403	278	267	-4%	0.668	35	34	-2%	0.096	2	21	791%	5.475
		46	Calibration	Sudbury A131 Ballingdon Street	WB	2785	3540					638	784	23%	5.480	559	675	21%	4.674	70	88	25%	1.976	9	21	142%	3.219
		37	Calibration	Sudbury B1064	NB	2762	2790					657	557	-15%	4.072	574	494	-14%	3.448	72	62	-14%	1.193	11	0	-100%	4.655
		TOTAL				Calibration			Yes	Yes	Yes	3586	3662	2%	1.265	3128	3185	2%	1.020	393	400	2%	0.324	65	77	19%	1.470
41	Screenline 4 - Inbound	278	Calibration	Felixstowe	SB	2913	2914					603	656	9%	2.089	535	584	9%	2.067	67	57	-15%	1.257	1	14	1344%	4.838
		282	Calibration	Felixstowe A1021 Beatrice Ave	SB	2912	2911					415	518	25%	4.784	365	446	22%	4.018	46	72	56%	3.362	3	0	-100%	2.614
		296	Calibration	Felixstowe	SB	3566	2939					499	339	-32%	7.812	435	305	-30%	6.763	55	32	-41%	3.444	9	2	-77%	2.985
		TOTAL				Calibration			Yes	Yes	Yes	1517	1512	0%	0.107	1335	1335	0%	0.005	168	161	-4%	0.532	14	17	21%	0.730
42	Screenline 4 - Outbound	277	Calibration	Felixstowe	NB	2914	2913					918	1021	11%	3.300	813	865	6%	1.794	102	95	-7%	0.743	3	61	2024%	10.291
		281	Calibration	Felixstowe A1021 Beatrice Ave	NB	2911	2912					312	426	37%	5.939	274	393	44%	6.537	34	32	-6%	0.386	3	0	-100%	2.517
		295	Calibration	Felixstowe	NB	2939	3566					283	118	-58%	11.590	243	76	-69%	13.285	31	41	35%	1.806	9	1	-84%	3.219
		TOTAL				Calibration			Yes	Yes	Yes	1512	1565	3%	1.342	1330	1334	0%	0.097	167	169	1%	0.095	15	62	328%	7.711
43	Screenline 5 - Inbound	146	Calibration	Stowmark	SB	2382	2375					112	466	316%	20.825	96	396	314%	19.147	12	61	405%	8.074	4	10	120%	1.989
		144	Calibration	Stowmarket B1115	WB	2380	2379					333	214	-36%	7.146	288	186	-35%	6.630	36	23	-37%	2.506	8	5	-31%	0.940
		151	Calibration	Stowmark	NB	2390	2318					732	602	-18%	5.002	635	529	-17%	4.382	80	60	-25%	2.436	17	14	-18%	0.799
		147	Calibration	Stowmarket B1115 Finborough Rd	EB	2350	2349					117	179	53%	5.087	99	156	57%	5.024	12	18	48%	1.533	5	4	-17%	0.402
		156	Calibration	Stowmarket A1038 Bury Road	SB	3494	2340					743	569	-23%	6.774	649	497	-23%	6.343	82	60	-27%	2.609	12	13	2%	0.065
		TOTAL				Calibration			Yes	Yes	Yes	2036	2031	0%	0.107	1767	1764	0%	0.066	222	221	-1%	0.075	47	46	-2%	0.139
44	Screenline 5 - Outbound	145	Calibration	Stowmark	NB	2375	2382					186	510	174%	17.353	159	452	184%	16.770	20	50	152%	5.134	7	8	4%	0.095
		143	Calibration	Stowmarket B1115	EB	2379	2380					323	228	-29%	5.716	282	194	-31%	5.714	35	26	-27%	1.746	6	9	49%	1.063
		152	Calibration	Stowmark	SB	2318	2390					861	573	-33%	10.766	747	510	-32%	9.451	94	49	-48%	5.275	21	14	-33%	1.633
		148	Calibration	Stowmarket B1115 Finborough Rd	WB	2349	2350					156	309	98%	10.046	137	257	88%	8.562	17	48	176%	5.328	2	4	172%	1.542

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												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		155	Calibration	Stowmarket A1038 Bury Road	NB	2340	3494					549	445	-19%	4.655	479	383	-20%	4.644	60	53	-13%	1.032	9	10	4%	0.131
		TOTAL				Calibration			Yes	Yes	Yes	2075	2065	0%	0.223	1804	1795	0%	0.193	227	226	-1%	0.084	45	44	-2%	0.106
45	Screenline 6 - Inbound	194	Calibration	Bury St	SB	2232	2230					423	362	-14%	3.065	363	327	-10%	1.912	46	24	-48%	3.696	15	11	-24%	0.961
		192	Calibration	Bury St Edmunds B1106 Thetford Road	SWB	2235	2220					333	703	111%	16.238	290	620	114%	15.514	36	74	103%	5.034	7	9	18%	0.454
		200	Calibration	Bury St	SB	2234	2087					931	1308	41%	11.287	767	1122	46%	11.545	96	135	40%	3.597	67	51	-24%	2.068
		221	Calibration	Bury St Edmunds Hollow Road	NB	1358	3427					583	108	-81%	25.558	508	89	-82%	24.256	64	14	-78%	8.046	11	5	-53%	2.054
		204	Calibration	Bury St Edmunds Mount Road	WB	2284	2282					281	247	-12%	2.109	245	198	-19%	3.137	31	47	52%	2.584	5	2	-70%	1.987
		169	Calibration	Bury St Edmunds A134 Sicklesmere Road	NB	2132	2111					769	754	-2%	0.535	668	653	-2%	0.570	84	78	-7%	0.617	17	22	32%	1.226
		171	Calibration	Bury St Edmunds A143 Horringer Road	NB	2144	2143					370	424	14%	2.671	321	368	15%	2.534	40	47	17%	1.045	9	8	-8%	0.249
		187	Calibration	Bury St Edmunds Westley Road	EB	2180	2155					327	313	-4%	0.793	290	285	-2%	0.269	36	25	-32%	2.080	0	2	513%	1.665
		186	Calibration	Bury St Edmunds Tut Hill	SB	2232	2198					581	444	-24%	6.089	510	366	-28%	6.914	64	52	-19%	1.625	7	26	274%	4.714
		TOTAL				Calibration			Yes	Yes	Yes	4599	4662	1%	0.932	3962	4029	2%	1.067	498	496	0%	0.103	139	137	-1%	0.151
46	Screenline 6 - Outbound	193	Calibration	Bury St	NB	2230	2232					283	92	-67%	13.946	246	77	-69%	13.333	31	13	-58%	3.845	6	2	-60%	1.754
		191	Calibration	Bury St Edmunds B1106 Thetford Road	NEB	2220	2235					688	587	-15%	3.979	602	481	-20%	5.218	76	76	0%	0.011	10	31	218%	4.691
		199	Calibration	Bury St	NB	2087	2234					1080	1137	5%	1.721	896	996	11%	3.248	113	95	-16%	1.769	71	47	-35%	3.203
		222	Calibration	Bury St Edmunds Hollow Road	SB	3427	1358					177	121	-32%	4.593	150	104	-31%	4.099	19	15	-23%	1.074	7	2	-73%	2.476
		203	Calibration	Bury St Edmunds Mount Road	EB	2282	2284					489	235	-52%	13.355	427	203	-53%	12.636	54	31	-42%	3.449	9	1	-87%	3.397
		170	Calibration	Bury St Edmunds A134 Sicklesmere Road	SB	2111	2132					434	1043	141%	22.439	369	873	136%	20.199	46	147	216%	10.207	18	24	34%	1.319
		172	Calibration	Bury St Edmunds A143 Horringer Road	SB	2143	2144					258	481	87%	11.614	225	440	96%	11.812	28	39	39%	1.912	5	2	-62%	1.686
		188	Calibration	Bury St Edmunds Westley Road	WB	2155	2180					330	167	-49%	10.352	293	148	-49%	9.741	37	19	-49%	3.456	1	0	-72%	0.638

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	PM Peak											
												All				Car				LGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		185	Calibration	Bury St Edmunds Tut Hill	NB	2198	2232					611	494	-19%	4.967	531	418	-21%	5.189	67	43	-35%	3.162
		TOTAL				Calibration			Yes	Yes	Yes	4348	4357	0%	0.132	3740	3739	0%	0.008	470	477	1%	0.312
47	Screenline 7 - Inbound	374	Calibration	Beccles	SB	2845	2839					547	518	-5%	1.254	479	466	-3%	0.584	60	37	-39%	3.384
		389	Calibration	Beccles Bridge Street	EB	2852	2847					211	213	1%	0.189	182	158	-13%	1.809	23	55	141%	5.164
		377	Calibration	Beccles	NB	2861	5652					310	262	-15%	2.822	267	238	-11%	1.785	34	24	-29%	1.827
		375	Calibration	Beccles B1062 Bungay Road	EB	2862	2827					255	325	27%	4.091	221	285	29%	4.022	28	28	1%	0.046
		TOTAL				Calibration			Yes	Yes	Yes	1323	1318	0%	0.117	1148	1147	0%	0.019	144	144	-1%	0.070
48	Screenline 7 - Outbound	373	Calibration	Beccles	NB	2839	2845					542	587	8%	1.930	471	526	12%	2.468	59	46	-22%	1.756
		390	Calibration	Beccles Bridge Street	WB	2847	2852					246	225	-9%	1.383	215	180	-16%	2.471	27	44	64%	2.904
		378	Calibration	Beccles	SB	5652	2861					243	202	-17%	2.744	211	174	-18%	2.675	27	22	-18%	0.948
		376	Calibration	Beccles B1062 Bungay Road	WB	2827	2862					256	268	5%	0.782	223	238	7%	0.961	28	27	-4%	0.235
		TOTAL				Calibration			Yes	Yes	Yes	1286	1283	0%	0.101	1121	1119	0%	0.066	141	140	-1%	0.110
49	Screenline 8 - Inbound	236	Calibration	Great Wickhamb rook B1063	SB	2481	3743					250	218	-13%	2.092	220	188	-15%	2.248	28	22	-19%	1.066
		268	Calibration		SB	5938	3774					65	122	87%	5.859	57	108	89%	5.586	7	10	34%	0.830
		206	Calibration	Horninger	SWB	1011	5638					375	272	-28%	5.753	326	244	-25%	4.899	41	26	-36%	2.537
		34	Calibration	Alpheton A134	SB	5931	2793					520	593	14%	3.091	448	507	13%	2.692	56	73	29%	2.067
		TOTAL				Calibration			Yes	Yes	Yes	1211	1205	0%	0.173	1051	1046	-1%	0.164	132	131	-1%	0.090
50	Screenline 8 - Outbound	235	Calibration	Great Wickhamb rook B1063	NB	3743	2481					109	101	-8%	0.825	94	84	-11%	1.084	12	11	-11%	0.398
		267	Calibration		NB	3774	5938					109	92	-16%	1.699	95	78	-18%	1.808	12	11	-6%	0.223
		205	Calibration	Horninger	NEB	5638	1011					328	265	-19%	3.661	282	229	-19%	3.313	35	30	-14%	0.883
		33	Calibration	Alpheton A134	NB	2793	5931					357	449	26%	4.597	305	390	28%	4.540	38	45	16%	0.967
		TOTAL				Calibration			Yes	Yes	Yes	903	906	0%	0.124	777	781	1%	0.165	98	97	-1%	0.094
51	Screenline 9 - Southbound	116	Calibration	Harleston	SB	4629	3244					261	290	11%	1.745	224	255	14%	2.032	28	23	-18%	0.990
		406	Calibration	Halesworth A144	SB	3983	4535					219	221	1%	0.158	187	188	0%	0.032	24	29	22%	1.012
		420	Calibration	Southwold	WB	4572	4568					213	78	-63%	11.189	185	67	-64%	10.581	23	9	-60%	3.450
		422	Calibration	Southwold	SB	3228	4610					128	200	57%	5.669	111	178	60%	5.552	14	23	63%	2.054
		424	Calibration	Wangford A12	SB	3233	3223					288	322	12%	1.942	249	272	9%	1.371	31	37	18%	0.977
		TOTAL				Calibration			Yes	Yes	Yes	1109	1112	0%	0.082	957	959	0%	0.062	120	121	1%	0.066
52	Screenline 9 - Northbound	115	Calibration	Harleston	NB	3244	4629					243	300	24%	3.503	206	253	23%	3.132	26	32	24%	1.131
		405	Calibration	Halesworth A144	NB	4535	3983					346	254	-27%	5.318	294	221	-25%	4.527	37	33	-10%	0.640
		419	Calibration	Southwold	EB	4568	4572					146	96	-34%	4.532	129	84	-35%	4.329	16	7	-54%	2.524
		421	Calibration	Southwold	NB	4610	3228					209	300	43%	5.696	181	270	49%	5.916	23	30	31%	1.361
		423	Calibration	Wangford A12	NB	3223	3233					434	420	-3%	0.648	379	362	-4%	0.876	48	47	-1%	0.064
		TOTAL				Calibration			Yes	Yes	Yes	1378	1371	0%	0.185	1188	1190	0%	0.065	149	150	0%	0.012
53	Screenline 10 - Westbound	168	Calibration	Barningha	SB	3865	3263					140	234	67%	6.895	122	202	65%	6.252	15	24	56%	1.934
		1670	Calibration	Rickinghall /Botesdale Bypass	WB	3261	3943					268	293	10%	1.538	227	239	5%	0.784	29	37	30%	1.483
		1677	Calibration	North of	SB	3947	3912					141	187	33%	3.596	120	164	36%	3.637	15	21	38%	1.369

HGV			
Observed	Modelled	Difference	GEH
12	32	162%	4.215
138	141	2%	0.203
8	15	92%	2.150
6	0	-100%	3.440
10	0	-98%	4.281
6	12	85%	1.806
30	27	-9%	0.515
11	15	31%	0.975
4	0	-100%	2.769
5	6	19%	0.396
5	4	-16%	0.346
24	24	0%	0.022
3	8	207%	2.347
1	4	384%	2.153
8	2	-75%	2.710
16	13	-16%	0.667
27	28	1%	0.065
3	6	114%	1.506
2	3	26%	0.358
10	5	-48%	1.774
13	14	11%	0.373
28	28	0%	0.011
9	12	27%	0.780
8	5	-41%	1.293
5	2	-51%	1.282
3	0	-100%	2.398
7	13	85%	1.903
32	32	0%	0.014
11	15	39%	1.162
16	0	-100%	5.610
1	5	248%	1.946
5	0	-100%	3.162
8	12	50%	1.255
41	31	-23%	1.543
2	8	273%	2.662
12	17	44%	1.387
6	3	-54%	1.504

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak	PM Peak															
												All				Car				LGV				HGV			
												Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
		1700	Calibration	South of Elmswell	WB	3886	3887					279	117	-58%	11.476	238	106	-55%	10.028	30	7	-75%	5.226	11	4	-66%	2.723
		TOTAL				Calibration			Yes	Yes	Yes	827	832	1%	0.162	707	711	0%	0.129	89	89	0%	0.036	31	32	3%	0.159
54	Screenline 10 - Eastbound	167	Calibration	Barningha	NB	3263	3865					268	344	28%	4.332	233	295	27%	3.815	29	35	21%	1.075	6	14	125%	2.435
		1669	Calibration	Rickinghall /Botesdale Bypass	EB	3943	3261					409	452	11%	2.091	347	370	7%	1.216	44	57	31%	1.900	18	25	38%	1.476
		1678	Calibration	North of	NB	3912	3947					118	276	134%	11.246	101	244	142%	10.908	13	28	123%	3.437	5	4	-18%	0.403
		1699	Calibration	South of Elmswell	EB	3887	3886					491	228	-54%	13.866	419	201	-52%	12.347	53	19	-63%	5.577	20	8	-61%	3.275
		TOTAL				Calibration			Yes	Yes	Yes	1286	1300	1%	0.388	1099	1110	1%	0.322	138	140	1%	0.143	49	51	3%	0.223
55	Screenline 11 - Northbound	123	Calibration	Brockford	NB	3905	1302					700	616	-12%	3.288	586	514	-12%	3.062	74	61	-17%	1.527	40	40	0%	0.006
		101	Calibration	Debenham B1077 Aspall Road	NB	3923	5913					89	141	58%	4.832	76	121	58%	4.470	10	18	84%	2.184	4	3	-15%	0.292
		275	Calibration	Earl	EB	3200	5845					182	217	20%	2.537	156	184	18%	2.137	20	25	28%	1.162	5	8	45%	0.943
		TOTAL				Calibration			Yes	Yes	Yes	971	974	0%	0.108	819	819	0%	0.014	103	104	1%	0.100	49	51	4%	0.276
56	Screenline 11 - Southbound	124	Calibration	Brockford	SB	1302	3905					589	556	-6%	1.356	488	460	-6%	1.311	61	55	-11%	0.878	39	42	7%	0.439
		102	Calibration	Debenham B1077 Aspall Road	SB	5913	3923					107	155	44%	4.164	94	133	42%	3.682	12	18	54%	1.633	2	4	115%	1.267
		276	Calibration	Earl	WB	5845	3200					176	164	-7%	0.966	152	144	-5%	0.644	19	19	0%	0.008	5	0	-91%	2.816
		TOTAL				Calibration			Yes	Yes	Yes	872	875	0%	0.091	734	737	0%	0.104	92	92	0%	0.043	46	46	1%	0.040
57	Screenline 12 - Eastbound	129	Calibration	Needham	EB	3138	3720					242	311	29%	4.187	210	286	36%	4.851	26	25	-5%	0.280	5	0	-100%	3.267
		13	Calibration	East Bergholt B1068	EB	3127	3114					116	236	104%	9.075	101	166	64%	5.616	13	59	360%	7.673	2	11	603%	3.786
		11	Calibration	Hadleigh	NB	3701	3130					353	241	-32%	6.520	308	224	-27%	5.138	39	16	-59%	4.415	7	1	-83%	2.800
		10	Calibration	Hadleigh A1141	SB	5838	3130					272	196	-28%	4.929	235	179	-24%	3.927	30	10	-67%	4.459	7	8	14%	0.345
		TOTAL				Calibration			Yes	Yes	Yes	982	984	0%	0.069	854	855	0%	0.036	107	109	1%	0.150	20	20	-2%	0.101
58	Screenline 12 - Westbound	130	Calibration	Needham	WB	3720	3138					280	317	13%	2.167	246	281	14%	2.158	31	37	18%	0.971	3	0	-99%	2.494
		14	Calibration	East Bergholt B1068	WB	3114	3127					149	187	25%	2.928	130	181	39%	4.080	16	4	-74%	3.741	3	2	-32%	0.576
		12	Calibration	Hadleigh	SB	3130	3701					269	282	5%	0.782	223	250	12%	1.761	28	25	-9%	0.495	19	7	-62%	3.208
		9	Calibration	Hadleigh A1141	NB	3130	5838					354	270	-24%	4.771	311	203	-35%	6.727	39	48	22%	1.285	4	19	429%	4.552
		TOTAL				Calibration			Yes	Yes	Yes	1052	1056	0%	0.127	910	915	1%	0.166	114	114	0%	0.045	28	28	-1%	0.078
59	Screenline 13 - Northbound	430	Calibration	RAF	WB	1350	3802					429	399	-7%	1.485	371	354	-5%	0.919	47	37	-20%	1.437	11	8	-30%	1.101
		73	Calibration	Mildenhall A1065	NB	3277	3276					513	451	-12%	2.827	441	376	-15%	3.212	55	73	33%	2.251	17	2	-89%	4.946
		71	Calibration	Mildenhall	EB	3277	5622					1496	1544	3%	1.237	1273	1307	3%	0.968	160	148	-8%	0.971	63	89	40%	2.925
		1696	Calibration	Between A11 and A1101 Icklingham	NB	3278	3276					96	146	53%	4.584	82	132	61%	4.852	10	13	30%	0.887	3	0	-89%	2.158
		TOTAL				Calibration			Yes	Yes	Yes	2534	2540	0%	0.125	2166	2169	0%	0.055	273	272	0%	0.015	95	99	4%	0.405
		429	Calibration	RAF	EB	3802	1350					576	490	-15%	3.711	505	432	-15%	3.385	64	50	-22%	1.823	7	9	17%	0.453
		74	Calibration	Mildenhall A1065	SB	3276	3277					431	269	-38%	8.645	369	217	-41%	8.898	46	47	1%	0.086	15	5	-66%	3.129
	Screenline 13	72	Calibration	Mildenhall	WB	5622	3277					941	1137	21%	6.074	776	929	20%	5.233	98	111	14%	1.308	67	97	44%	3.272

ID	Name	Link ID	Status	Site Location	Direction	A-Node	B-Node	ID Rep	AM Peak	PM Peak	Off Peak
60	Screenline 13 - Southbound	1695	Calibration	Between A11 and A1101 Icklingham	SB	3276	3278				
		TOTAL				Calibration			Yes	Yes	Yes
61	Screenline 14 - Northbound	1694	Calibration	South Redgrave B1113	NB	5926	3964				
		137	Calibration		NB	3261	5810				
		133	Calibration	Stuston	EB	3935	3248				
		196	Calibration	Bury St Edmunds A134	SB	3815	2250				
		TOTAL				Calibration			Yes	Yes	Yes
62	Screenline 14 - Southbound	1693	Calibration	South Redgrave B1113	SB	3964	5926				
		138	Calibration		SB	5810	3261				
		134	Calibration	Stuston	WB	3248	3935				
		195	Calibration	Bury St Edmunds A134	NB	2250	3815				
		TOTAL				Calibration			Yes	Yes	Yes
63	Screenline 15 - Northbound	43	Calibration	Sudbury	NB	2786	2636				
		31	Calibration	Nayland A134 Horkesley Road	NB	5661	1305				
		29	Calibration	Brantham	EB	3675	3104				
		TOTAL				Calibration			Yes	Yes	Yes
64	Screenline 15 - Southbound	44	Calibration	Sudbury	SB	2636	2786				
		32	Calibration	Nayland A134 Horkesley Road	SB	1305	5661				
		30	Calibration	Brantham	WB	3104	3675				
		TOTAL				Calibration			Yes	Yes	Yes

PM Peak																
All				Car				LGV				HGV				
Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH	Observed	Modelled	Difference	GEH
162	237	47%	5.358	139	216	56%	5.843	17	18	6%	0.238	5	2	-58%	1.622
2109	2133	1%	0.521	1789	1794	0%	0.119	225	226	1%	0.082	95	113	19%	1.735
275	231	-16%	2.756	238	208	-12%	1.976	30	13	-56%	3.640	8	10	33%	0.840
98	107	9%	0.848	83	97	17%	1.450	10	6	-40%	1.457	4	3	-22%	0.492
318	354	12%	2.000	262	283	8%	1.261	33	43	32%	1.692	23	28	24%	1.071
503	508	1%	0.199	425	426	0%	0.058	53	64	19%	1.359	25	18	-28%	1.533
1194	1199	0%	0.169	1007	1013	1%	0.197	127	126	0%	0.019	60	60	0%	0.026
205	221	8%	1.069	177	188	6%	0.809	22	23	4%	0.193	6	9	66%	1.365
110	40	-64%	8.171	95	35	-63%	7.447	12	4	-69%	2.936	4	1	-72%	1.692
269	290	8%	1.238	215	236	10%	1.396	27	36	34%	1.642	27	18	-35%	2.001
729	755	4%	0.962	620	640	3%	0.796	78	75	-3%	0.296	30	39	29%	1.493
1314	1305	-1%	0.227	1107	1099	-1%	0.242	139	139	0%	0.055	67	67	1%	0.061
249	184	-26%	4.413	219	170	-22%	3.497	28	12	-58%	3.585	3	2	-12%	0.193
511	625	22%	4.771	446	538	21%	4.146	56	78	39%	2.654	9	9	0%	0.002
249	197	-21%	3.466	217	171	-21%	3.313	27	22	-21%	1.165	4	4	5%	0.101
1009	1006	0%	0.093	883	880	0%	0.099	111	111	0%	0.009	15	15	-1%	0.026
203	125	-39%	6.137	178	109	-39%	5.815	22	14	-36%	1.910	3	2	-29%	0.527
417	500	20%	3.884	357	433	21%	3.798	45	53	17%	1.088	15	15	1%	0.027
166	164	-1%	0.159	144	142	-2%	0.188	18	18	0%	0.015	4	4	3%	0.070
787	789	0%	0.089	679	683	1%	0.138	85	85	-1%	0.056	22	21	-3%	0.122

Appendix I

LINK COUNT PERFORMANCE

Appendix I.1

LINK COUNT PERFORMANCE AM

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV					HGV				
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH					
3	Calibration		2	Glemsford Low St	NB	Jan-16	ATC	No	3725-3315	3725	3315	73	73	0.062	Yes	Yes	61.64576	62	0.037	Yes	Yes	10.45841	10	0.146	0.8125	2	0.650					
4	Calibration		2	Glemsford Low St	SB	Jan-16	ATC	No	3315-3725	3315	3725	36	40	0.595	Yes	Yes	30.40431	31	0.161	Yes	Yes	5.158193	9	1.379	0.854167	0	1.307					
5	Validation		3	Hadleigh A1071 Ipswich Road	EB	Jan-16	ATC	No	3129-3692	3129	3692	422	358	3.281	Yes	Yes	337.2438	320	0.957	Yes	Yes	57.21454	32	3.702	28	5	5.549					
6	Validation		3	Hadleigh A1071 Ipswich Road	WB	Jan-16	ATC	No	3692-3129	3692	3129	428	325	5.278	No	No	335.142	262	4.214	Yes	Yes	56.85797	60	0.429	35.54167	3	7.511					
7	Calibration		4	Hadleigh B1070 Benton Street	NB	Jan-16	ATC	No	3685-1327	3685	1327	217	209	0.541	Yes	Yes	179.006	171	0.597	Yes	Yes	30.36897	30	0.027	8	8	0.052					
8	Calibration		4	Hadleigh B1070 Benton Street	SB	Jan-16	ATC	No	1327-3685	1327	3685	217	223	0.410	Yes	Yes	180.9297	180	0.039	Yes	Yes	30.69533	31	0.014	5.708333	12	2.220					
9	Calibration		5	Hadleigh A1141	NB	Jan-16	ATC	No	3130-5838	3130	5838	251	308	3.406	Yes	Yes	206.4714	248	2.756	Yes	Yes	35.02857	35	0.049	9.5	25	3.765					
10	Calibration		5	Hadleigh A1141	SB	Jan-16	ATC	No	5838-3130	5838	3130	307	188	7.565	No	No	253.7433	128	9.123	No	No	43.0484	42	0.088	10.45833	18	1.993					
11	Calibration		6	Hadleigh A1071	NB	Jan-16	ATC	No	3701-3130	3701	3130	237	236	0.034	Yes	Yes	184.3495	201	1.176	Yes	Yes	31.27551	27	0.836	21	9	3.201					
12	Calibration		6	Hadleigh A1071	SB	Jan-16	ATC	No	3130-3701	3130	3701	327	211	7.108	No	No	264.8933	170	6.468	No	Yes	44.94004	33	1.978	17.33333	8	2.479					
13	Calibration		7	East Bergholt B1068	EB	Jan-16	ATC	No	3127-3114	3127	3114	147	272	8.683	No	No	120.8691	235	8.577	No	No	20.50586	24	0.663	5.375	14	2.645					
14	Calibration		7	East Bergholt B1068	WB	Jan-16	ATC	No	3114-3127	3114	3127	124	174	4.112	Yes	Yes	100.4927	132	2.938	Yes	Yes	17.04893	32	3.043	6.416667	10	1.200					
15	Calibration	Ipswich	8	Ipswich A137	NB	Jan-16	ATC	No	0347-30062	30347	30062	558	526	1.387	Yes	Yes	457.6498	433	1.192	Yes	Yes	77.64183	71	0.814	22.875	23	0.029					
16	Calibration	Ipswich	8	Ipswich A137	SB	Jan-16	ATC	No	0062-30347	30062	30347	382	399	0.900	Yes	Yes	308.211	327	1.069	Yes	Yes	52.28903	52	0.003	21.125	20	0.275					
17	Calibration	Ipswich	9	Ipswich A1071	EB	Jan-16	ATC	No	5641-50034	5641	50034	393	455	3.013	Yes	Yes	314.5163	413	5.175	No	Yes	53.35874	36	2.597	25	6	4.935					
18	Calibration	Ipswich	9	Ipswich A1071	WB	Jan-16	ATC	No	50034-5641	50034	5641	494	399	4.479	Yes	Yes	389.5385	326	3.379	Yes	Yes	66.08651	69	0.336	38.25	5	7.229					
19	Calibration		10	Lavenham A1141 Bury Road	NB	Jan-16	ATC	No	3709-3707	3709	3707	111	117	0.601	Yes	Yes	90.91013	91	0.027	Yes	Yes	15.42321	15	0.016	4.708333	11	2.375					
20	Calibration		10	Lavenham A1141 Bury Road	SB	Jan-16	ATC	No	3707-3709	3707	3709	80	82	0.214	Yes	Yes	63.72971	64	0.056	Yes	Yes	10.81196	12	0.441	5.625	6	0.007					
21	Calibration		11	Long Melford A1092 High Street	NB	Jan-16	ATC	No	2792-2793	2792	2793	156	53	10.035	No	No	124.7164	17	12.829	No	No	21.15856	21	0.080	10.16667	16	1.557					
22	Calibration		11	Long Melford A1092 High Street	SB	Jan-16	ATC	No	2793-2792	2793	2792	99	70	3.108	Yes	Yes	74.91536	42	4.302	Yes	Yes	12.70964	13	0.078	11.125	15	1.118					
25	Calibration		13	Long Melford A1092 Windmill Hill	EB	Jan-16	ATC	No	2792-3314	2792	3314	467	463	0.165	Yes	Yes	383.3757	383	0.014	Yes	Yes	65.04097	65	0.004	18.58333	15	0.810					
26	Calibration		13	Long Melford A1092 Windmill Hill	WB	Jan-16	ATC	No	3314-2792	3314	2792	294	294	0.005	Yes	Yes	237.9979	238	0.011	Yes	Yes	40.37714	40	0.058	15.5	16	0.073					
27	Validation		14	Brantham A137	NB	Jan-16	ATC	No	5853-3104	5853	3104	644	606	1.547	Yes	Yes	535.7	506	1.297	Yes	Yes	90.88331	78	1.373	17.79167	21	0.807					
28	Validation		14	Brantham A137	SB	Jan-16	ATC	No	3104-5853	3104	5853	538	568	1.309	Yes	Yes	445.1461	486	1.873	Yes	Yes	75.52054	69	0.818	16.875	14	0.682					
29	Calibration		15	Brantham Bergholt Road	EB	Jan-16	ATC	No	3675-3104	3675	3104	199	227	1.860	Yes	Yes	162.6907	189	1.996	Yes	Yes	27.60102	26	0.292	9.083333	11	0.683					
30	Calibration		15	Brantham Bergholt Road	WB	Jan-16	ATC	No	3104-3675	3104	3675	228	210	1.177	Yes	Yes	189.7642	172	1.302	Yes	Yes	32.19413	26	1.185	5.916667	12	2.140					
31	Calibration		16	Nayland A134 Horkesley Road	NB	Jan-16	ATC	No	5661-1305	5661	1305	409	476	3.185	Yes	Yes	324.1345	370	2.470	Yes	Yes	54.99051	72	2.143	29.625	33	0.688					
32	Calibration		16	Nayland A134 Horkesley Road	SB	Jan-16	ATC	No	1305-5661	1305	5661	523	614	3.791	Yes	Yes	425.874	493	3.142	Yes	Yes	72.25096	93	2.273	25.25	28	0.461					
33	Calibration		17	Alpheton A134	NB	Jan-16	ATC	No	2793-5931	2793	5931	545	533	0.543	Yes	Yes	439.4464	425	0.705	Yes	Yes	74.55356	90	1.704	31.125	18	2.714					
34	Calibration		17	Alpheton A134	SB	Jan-16	ATC	No	5931-2793	5931	2793	298	422	6.530	No	No	231.2651	322	5.451	No	No	39.23349	63	3.360	27.75	37	1.623					
35	Calibration	Sudbury	18	Sudbury A134	NB	Jan-16	ATC	No	2789-5829	2789	5829	471	447	1.130	Yes	Yes	376.073	362	0.729	Yes	Yes	63.80204	62	0.277	31.33333	23	1.533					
36	Calibration	Sudbury	18	Sudbury A134	SB	Jan-16	ATC	No	5829-2789	5829	2789	311	312	0.052	Yes	Yes	245.9774	246	0.029	Yes	Yes	41.7309	42	0.051	23.58333	24	0.026					
37	Calibration	Sudbury	19	Sudbury B1064	NB	Jan-16	ATC	No	2762-2790	2762	2790	386	329	2.999	Yes	Yes	319.4679	271	2.843	Yes	Yes	54.1988	58	0.547	11.95833	0	4.890					
38	Calibration	Sudbury	19	Sudbury B1064	SB	Jan-16	ATC	No	2790-2762	2790	2762	602	599	0.130	Yes	Yes	504.2092	513	0.393	Yes	Yes	85.54079	86	0.049	12.5	0	5.000					
39	Calibration	Sudbury	20	Sudbury Waldingfield Road	EB	Jan-16	ATC	No	3536-3545	3536	3545	223	152	5.163	No	Yes	184.777	123	4.950	Yes	Yes	31.34803	23	1.705	7.125	7	0.182					
40	Calibration	Sudbury	20	Sudbury Waldingfield Road	WB	Jan-16	ATC	No	3545-3536	3545	3536	409	422	0.653	Yes	Yes	343.8341	342	0.120	Yes	Yes	58.3326	71	1.607	6.958333	10	0.906					
41	Calibration	Sudbury	21	Sudbury A134	EB	Jan-16	ATC	No	2783-3503	2783	3503	493	623	5.499	No	No	397.4468	502	4.950	Yes	No	67.42819	92	2.738	28.5	29	0.092					
42	Calibration	Sudbury	21	Sudbury A134	WB	Jan-16	ATC	No	3503-2783	3503	2783	540	612	3.013	Yes	Yes	428.6526	469	1.885	Yes	Yes	72.72236	106	3.517	38.375	38	0.141					
43	Calibration	Sudbury	22	Sudbury B1508 Bures Road	NB	Jan-16	ATC	No	2786-2636	2786	2636	210	113	7.649	No	Yes	174.09	97	6.581	No	Yes	29.53496	15	3.075	6.541667	1	3.207					
44	Calibration	Sudbury	22	Sudbury B1508 Bures Road	SB	Jan-16	ATC	No	2636-2786	2636	2786	229	158	5.119	No	Yes	187.9118	139	3.848	Yes	Yes	31.87987	18	2.741	9.166667	1	3.707					
45	Calibration	Sudbury	23	Sudbury A131 Ballingdon Street	EB	Jan-16	ATC	No	3540-2785	3540	2785	610	625	0.590	Yes	Yes	499.7207	517	0.777	Yes	Yes	84.7793	69	1.783	25.625	38	2.261					
46	Calibration	Sudbury	23	Sudbury A131 Ballingdon Street	WB	Jan-16	ATC	No	2785-3540	2785	3540	579	723	5.640	No	No	470.6523	588	5.106	No	No	79.84774	90	1.131	28.875	45	2.637					
47	Calibration	Sudbury	24	Sudbury A134	EB	Jan-16	ATC	No	3531-3529	3531	3529	683	674	0.349	Yes	Yes	562.0967	562	0.010	Yes	Yes	95.3616	95	0.046	25.29167	17	1.824					
48	Calibration	Sudbury	24	Sudbury A134	WB	Jan-16	ATC	No	3529-3531	3529	3531	736	689	1.778	Yes	Yes	605.6638	583	0.923	Yes	Yes	102.7529	85	1.882	27.58333	21	1.365					
49	Validation	Sudbury	25	Sudbury A134 Northern Road	NB	Jan-16	ATC	No	2780-3526	2780	3526	714	452	10.846	No	No	586.8904	374	9.708	No	No	99.56793	61	4.363	27.04167	17	2.121					
50	Validation	Sudbury	25	Sudbury A134 Northern Road	SB	Jan-16	ATC	No	3526-2780	3526	2780	689	575	4.521	Yes	No	563.5929	464	4.376	Yes	Yes	95.61543	97	0.155	29.33333	13	3.448					
51	Validation	Sudbury	26	Sudbury B1115 Waldingfield Road	EB	Jan-16	ATC	No	2774-2773	2774	2773	267	452	9.771	No	No	225.2804	389	9.347	No	No	38.21958	49	1.638	3.333333	14	3.607					
52	Validation	Sudbury	26	Sudbury B1115 Waldingfield Road	WB	Jan-16	ATC	No	2773-2774	2773	2774	512	388	5.839	No	No	431.0394	339	4.684	Yes	Yes	73.12728	39	4.607	7.833333	10	0.823					
54	Calibration	Sudbury	27	Sudbury A131 Girling Street	SB	Jan-16	ATC	No	2731-2686	2731	2686	902	841	2.086	Yes	Yes	715.9529	717	0.032	Yes	Yes	121.4638	87	3.397	64.91667	37	3.890					
56	Calibration	Sudbury	28	Sudbury A131 Gainsborough Street	WB	Jan-16	ATC	No	2708-2707	2708	2707	865	845	0.704	Yes	Yes	688.7724	708	0.743	Yes	Yes	116.8526	133	1.478	59.75	3	10.136					
57	Calibration	Sudbury	29	Sudbury A131	NB	Jan-16	ATC	No	2717-2718	2717	2718	780	821	1.452	Yes	Yes	640.3963	661	0.818	Yes	Yes	108.6454	127	1.729	30.83333	32	0.255					
59	Calibration	Sudbury	30	Sudbury Newton Road	EB	Jan-16	ATC	No	2675-2672	2675	2672	305	301	0.257	Yes	Yes	248.3998	249	0.018	Yes	Yes	42.14186	42	0.034	14.45833	10	1.302					
60	Calibration	Sudbury	30	Sudbury Newton Road	WB	Jan-16	ATC	No	2672-2675	2672	2675	478	446	1.501	Yes	Yes	388.6835	360	1.498	Yes	Yes	65.94147	66	0.022	23.20833	20	0.746					
61	Calibration	Sudbury	31	Sudbury St.Cornard	NB	Jan-16	ATC	No	2673-2676	2673	2676	465	456	0.415	Yes	Yes	390.999	385	0.328	Yes	Yes	66.3343	68	0.232	8	4	1.808					
62	Calibration	Sudbury	31	Sudbury St.Cornard	SB	Jan-16	ATC	No	2676-2673	2676	2673	360	304	3.056	Yes	Yes	298.379	265	2.017	Yes	Yes	50.621	30	3.198	11.16667	10	0.472					
63	Validation	Sudbury	32	Sudbury A131 Melford Road	NB	Jan-16	ATC	No	2756-3537	2756	3537	497	422	3.490	Yes	Yes	410.5205	331	4.122	Yes	Yes	69.44618	75	0.663	16.54167	15	0.269					
64	Validation	Sudbury	32	Sudbury A131 Melford Road	SB	Jan-16	ATC	No	3537-2756	3537	2756	602	687	3.344	Yes	Yes	498.2245	601	4.390	Yes	No	84.52547	69	1.738	19.54167	17	0.655					
65	Calibration	Sudbury	33	Sudbury Friars Street	EB	Jan-16	ATC	No	2701-2700	2701	2700	224	186	2.666	Yes	Yes	187.5199	160	2.094	Yes	Yes	31.81339	17	2.975	4.541667	9	1.615					
66	Calibration	Sudbury	33	Sudbury Friars Street	WB	Jan-16	ATC	No	2700-2701	2700	2701	217	254	2.460	Yes	Yes	181.0722	173	0.607	Yes	Yes	30.7195	36	0.986	4.708333	45	8.061					
67	Calibration		34	Mildenhall A11	EB	Jan-16	ATC	No	5790-3785	5790	3785	1170	1186	0.463	Yes	Yes	884.8776	892	0.255	Yes	Yes	150.1224	151	0.049	135.125	143	0.652					
68	Calibration		34	Mildenhall A11	WB	Jan-16	ATC	No	3785-5790	3785	5790	1689	1742	1.285	Yes	Yes	1330.309	1371	1.114	Yes	Yes	225.6913	226	0.004	132.625	145	1.049					
69	Calibration		35	Mildenhall A1101 Mildenhall Road	EB	Jan-16	ATC	No	3277-3278	3277	3278	139	139	0.000	Yes	Yes	109.0067	112	0.241	Yes	Yes	18.49335	16	0.556	11.125	11	0.065					
70	Calibration		35	Mildenhall A1101 Mildenhall Road	WB	Jan-16	ATC	No	3278-3277	3278	3277	184	186	0.124	Yes	Yes	149.8307	152	0.136	Yes	Yes	25.41928	25	0.026	9	9	0.048					
71	Calibration		36	Mildenhall A11 London Road	EB	Jan-16	ATC	No	3277-5622	3277	5622	864	942	2.600	Yes	Yes	654.8949	704	1.886	Yes	Yes	111.1051	107	0.357	97.875	131	3.058					
72	Calibration		36	Mildenhall A11 London Road	WB	Jan-16	ATC	No	5622-3277	5622	3277	1322	1372	1.355	Yes	Yes	1041.655	1070	0.868	Yes	Yes	176.7202	157	1.556	103.5	145	3.732					
73	Calibration		37	Mildenhall A1065	NB	Jan-16	ATC	No	3277-3276	3277	3276	307	203	6.546	No	No	238.8528	158	5.778	No	Yes	40.52218	42	0.229	27.75	3	6.267					
74	Calibration		37	Mildenhall A1065	SB	Jan-16	ATC	No	3276-3277	3276	3277	409	379	1.515	Yes	Yes	323.3864	288	2.029	Yes	Yes	54.86359	88	3.899	31.125	4	6.614					
75	Calibration		38	Mildenhall A1101	NB	Jan-16	ATC	No	3277-3810	3277	3810	596	595	0.023	Yes	Yes	485.2934	484	0.045	Yes	Yes	82.33165	82	0.040	28.125	29	0.148					
76	Calibration		38	Mildenhall A1101	SB	Jan-16	ATC	No	3810-3277	3810	3277	584	593	0.363	Yes	Yes	479.3087	488	0.378	Yes	Yes	81.31633	82	0.059	23.375	23	0.007					
77	Validation		39	Brandon A1065 Brandon Road	NB	Jan-16	ATC	No	3275-3959	3275	3959	292	129	11.213	No	No	220.8988	101	9.459	No	No	37.47622	25	2.177	33.875	3	7.112					
78	Validation		39	Brandon A1065 Brandon Road	SB	Jan-16	ATC	No	3959-3275	3959	3275	482	360	5.952	No	No	385.9049	290	5.240	No	Yes	65.47007	67	0.231	30.5	3	6.782					
79	Calibration		40	Lakenheath Station Road	NB	Jan-16	ATC	No	3957-5862	3957	5862	196	184	0.873	Yes	Yes	157.4184	157	0.034	Yes	Yes	26.70657	27	0.053	11.875	0	4.873					
80	Calibration		40	Lakenheath Station Road	SB	Jan-16	ATC	No	5862-3957	5862	3957	255	251	0.250	Yes	Yes	209.535	210	0.030	Yes	Yes	35.54832	36	0.081	9.666667	5	1.823					
81	Calibration	Newmarket	41	Newmarket A142 Fordham Road	NB	Jan-16	ATC	No	2501-2518	2501	2518	724	710	0.542	Yes	Yes	557.0026	562	0.212	Yes	Yes	94.49737	94	0.004	72.625	53	2.457					
82	Calibration	Newmarket	41	Newmarket A142 Fordham Road	SB	Jan-16	ATC	No	2518-2501	2518	2501	574	643	2.811	Yes	Yes	418.7138	487	3.221	Yes	Yes	71.0362	71	0.000	84.25	85	0.085					
83	Calibration	Newmarket	42	Newmarket A142 Fordham Road	NB	Jan-16	ATC	No	2490-2506	2490	2506	681	1009	11.285	No	No	551.766	801	9.592	No	No	93.60896	148	4.983	35.875	60	3.444					
84	Calibration	Newmarket	42	Newmarket A142 Fordham Road	SB	Jan-16	ATC	No	2506-2490	2506	2490	759	997	8.031	No	No	624.0097	842	8.039	No	No	105.8653	95	1.106	29.25	61	4.690					
85	Calibration	Newmarket	43	Newmarket A1304 Bury Road	NB	Jan-16	ATC	No	2447-2534	2447	2534	393	469	3.651	Yes	Yes	324.277	368	2.329	Yes	Yes	55.01468	93	4.421	13.875	8	1.671					
86	Calibration	Newmarket	43	Newmarket A1304 Bury Road	SB	Jan-16	ATC	No	2534-2447	2534	2447	571	545	1.117	Yes	Yes	470.581	403	3.230	Yes	Yes	79.83565	136	5.379	21	6	3.986					
87	Calibration	Newmarket	44	Newmarket Fred Archer Way	NB	Jan-16	ATC	No	2451-2450	2451	2450	435	382	2.617	Yes	Yes	361.2181	364	0.143	Yes	Yes	61.28187	16	7.347	12.33333	2	3.709					
88	Calibration	Newmarket	44	Newmarket Fred Archer Way	SB	Jan-16	ATC	No	2450-2451	2450	2451	403	419	0.811	Yes	Yes	338.1344	355	0.897	Yes	Yes	57.36563	57	0.048	7.5	8	0.041					
89	Calibration	Newmarket	45	Newmarket Old Station Road	EB	Jan-16	ATC	No	2446-2478	2446	2478	363	187	10.597	No	No	306.9107	149	10.426	No	No	52.06844	34	2.827	4.1875	4	0.078					
90	Calibration	Newmarket	45	Newmarket Old Station Road	WB	Jan-16	ATC	No	2478-2446	2478	2446	266	252	0.852	Yes	Yes	217.9955	219	0.081	Yes	Yes	36.98367	30	1.149	10.9375	3	3.159					
91	Calibration	Newmarket	46	Newmarket A1304 Barbara Stradbroke Avenue	EB	Jan-16	ATC	No	2437-2438	2437	2438	453	304	7.641	No	No	371.3351	236	7.760	No	No	62.99824	63	0.044	18.33333	5	3.798					
92	Calibration	Newmarket	46	Newmarket A1304 Barbara Stradbroke Avenue	WB	Jan-16	ATC	No	2438-2437	2438	2437	804	905	3.476	Yes	Yes	661.1824	777	4.312	Yes	No	112.1718	101	1.036	30.47917	27	0.613					
93	Calibration	Newmarket	47	Newmarket Exning Road	NB	Jan-16	ATC	No	2485-2514	2485	2514	649	211	21.138	No	No	540.3666	189	18.395	No	No	91.67502	17	10.205	17	5	3.580					
94	Calibration	Newmarket	47	Newmarket Exning Road	SB	Jan-16	ATC	No	2514-2485	2514	2485	247	362	6.585	No	No	202.5529	340	8.319	No	No	34.36378	21	2.615	9.916667	2	3.500					
95	Calibration	Newmarket	48	Newmarket Ashley Road	EB	Jan-16	ATC	No	2478-2479	2478	2479	144	69	7.200	No	Yes	115.2763	52	6.879	No	Yes	19.55701	13	1.614	8.833333	4	1.902					
96	Calibration	Newmarket	48	Newmarket Ashley Road	WB	Jan-16	ATC	No	2479-2478	2479	2478	349	156	12.197	No	No	291.9312	129	11.262	No	No	49.52711	19	5.265	8	8	0.087					
97	Calibration		49	Moulton Kennett Road or Moulton Road	NB	Jan-16	ATC	No	3777-3311	3777	3311	122	164	3.501	Yes	Yes	101.0627	136	3.194	Yes	Yes	17.14563	17	0.043	4.166667	11	2.619					
98	Calibration		49	Moulton Kennett Road or Moulton Road	SB	Jan-16	ATC	No	3311-3777	3311	3777	145	145	0.025	Yes	Yes	118.1262	118	0.048	Yes	Yes	20.0405	20	0.002	6.75	7	0.087					
99	Calibration		50	RAF Mildenhall A1101 Mildenhall Drove	NB	Jan-16	ATC	No	1304-5863	1304	5863	92	91	0.123	Yes	Yes	71.49554	70	0.141	Yes	Yes	12.12946	12	0.034	8.166667	8	0.045					

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
100	Calibration		50	RAF Mildenhall A1101 Mildenhall/ Drove	SB	Jan-16	ATC	No	5863-1304	5863	1304	152	163	0.861	Yes	Yes	124.3246	124	0.017	Yes	Yes	21.09208	21	0.018	6.75	18	3.161
101	Calibration		51	Debenham B1077 Aspall Road	NB	Jan-16	ATC	No	3923-5913	3923	5913	107	145	3.447	Yes	Yes	88.23839	118	2.902	Yes	Yes	14.96994	22	1.629	3.375	6	1.054
102	Calibration		51	Debenham B1077 Aspall Road	SB	Jan-16	ATC	No	5913-3923	5913	3923	108	194	7.022	No	Yes	86.10101	160	6.646	No	Yes	14.60733	28	2.905	6.958333	6	0.345
103	Calibration		52	Earl Stonham A1120	EB	Jan-16	ATC	No	2381-3203	2381	3203	138	163	2.088	Yes	Yes	91.54422	126	3.343	Yes	Yes	15.53078	22	1.466	30.45	15	3.286
104	Calibration		52	Earl Stonham A1120	WB	Jan-16	ATC	No	3203-2381	3203	2381	195	229	2.321	Yes	Yes	158.1238	191	2.476	Yes	Yes	26.82623	28	0.169	9.8	10	0.057
105	Calibration		53	Eye B1077	EB	Jan-16	ATC	No	3929-3207	3929	3207	261	244	1.084	Yes	Yes	210.9956	192	1.334	Yes	Yes	35.79611	38	0.299	13.95833	14	0.023
106	Calibration		53	Eye B1077	WB	Jan-16	ATC	No	3207-3929	3207	3929	242	242	0.012	Yes	Yes	199.8099	200	0.002	Yes	Yes	33.89842	34	0.016	8.166667	8	0.043
107	Calibration		54	Eye Yaxley Road	EB	Jan-16	ATC	No	3204-3205	3204	3205	91	85	0.706	Yes	Yes	70.88155	67	0.474	Yes	Yes	12.02529	12	0.007	8.334821	6	1.007
108	Calibration		54	Eye Yaxley Road	WB	Jan-16	ATC	No	3205-3204	3205	3204	94	93	0.040	Yes	Yes	76.75096	76	0.054	Yes	Yes	13.02106	13	0.011	3.794643	4	0.065
109	Calibration		55	Eye B1117 Hoxne Road	EB	Jan-16	ATC	No	3206-1007	3206	1007	91	99	0.834	Yes	Yes	72.06551	76	0.488	Yes	Yes	12.22616	15	0.666	6.708333	8	0.545
110	Calibration		55	Eye B1117 Hoxne Road	WB	Jan-16	ATC	No	1007-3206	1007	3206	114	114	0.006	Yes	Yes	91.51572	92	0.045	Yes	Yes	15.52595	16	0.114	6.958333	6	0.324
111	Calibration		56	Eye Cranley Green Road	NB	Jan-16	ATC	No	3926-3206	3926	3206	224	225	0.073	Yes	Yes	182.6752	183	0.057	Yes	Yes	30.99146	31	0.025	9.833333	10	0.058
112	Calibration		56	Eye Cranley Green Road	SB	Jan-16	ATC	No	3206-3926	3206	3926	195	194	0.068	Yes	Yes	160.482	160	0.054	Yes	Yes	27.22631	27	0.049	7.416667	7	0.003
113	Calibration		57	Helmingham B1077	NB	Jan-16	ATC	No	3326-3920	3326	3920	148	143	0.385	Yes	Yes	120.2101	121	0.043	Yes	Yes	20.39405	20	0.052	7.25	2	2.225
114	Calibration		57	Helmingham B1077	SB	Jan-16	ATC	No	3920-3326	3920	3326	239	240	0.058	Yes	Yes	199.2578	200	0.067	Yes	Yes	33.80475	34	0.020	5.583333	6	0.024
115	Calibration		58	Harleston B1116 Harleston Road	NB	Jan-16	ATC	No	3244-4629	3244	4629	250	231	1.221	Yes	Yes	198.1712	177	1.549	Yes	Yes	33.62042	30	0.730	17.95833	24	1.387
116	Calibration		58	Harleston B1116 Harleston Road	SB	Jan-16	ATC	No	4629-3244	4629	3244	183	251	4.656	Yes	Yes	140.4975	192	4.019	Yes	Yes	23.83587	41	2.969	18.5	18	0.023
117	Calibration		59	Claydon Bramford Road	NB	Jan-16	ATC	No	0027-5002	50027	50025	477	749	10.985	No	No	385.335	629	10.823	No	No	65.37337	98	3.651	26.125	21	0.995
118	Calibration		59	Claydon Bramford Road	SB	Jan-16	ATC	No	0026-5002	50026	50027	323	677	15.849	No	No	259.9773	520	13.160	No	No	44.10602	80	4.604	18.625	77	8.419
119	Calibration		60	Claydon Bramford Road	EB	Jan-16	ATC	No	0025-5001	50025	50016	811	712	3.581	Yes	Yes	601.674	589	0.530	Yes	Yes	102.076	88	1.452	107.5833	36	8.476
120	Calibration		60	Claydon Bramford Road	WB	Jan-16	ATC	No	0017-5002	50017	50026	745	691	2.014	Yes	Yes	553.8678	520	1.467	Yes	Yes	93.96553	80	1.448	97.41667	91	0.664
121	Calibration		61	Stanton Street A1088	NB	Jan-16	ATC	No	5917-3914	5917	3914	318	324	0.339	Yes	Yes	259.9987	265	0.339	Yes	Yes	44.10965	44	0.032	13.475	14	0.097
122	Calibration		61	Stanton Street A1088	SB	Jan-16	ATC	No	3914-5917	3914	5917	455	454	0.074	Yes	Yes	370.2379	368	0.108	Yes	Yes	62.8121	63	0.049	22.2	22	0.023
123	Calibration		62	Brockford Street A140 The Street	NB	Jan-16	ATC	No	3905-1302	3905	1302	594	533	2.557	Yes	Yes	454.9781	387	3.320	Yes	Yes	77.18856	58	2.368	62	89	3.091
124	Calibration		62	Brockford Street A140 The Street	SB	Jan-16	ATC	No	1302-3905	1302	3905	729	667	2.349	Yes	Yes	563.2367	510	2.293	Yes	Yes	95.55499	85	1.107	69.83333	71	0.189
125	Calibration		63	Earl Stonham A140	NB	Jan-16	ATC	No	3145-3203	3145	3203	639	637	0.047	Yes	Yes	464.7745	462	0.138	Yes	Yes	78.85055	79	0.038	95	97	0.217
126	Calibration		63	Earl Stonham A140	SB	Jan-16	ATC	No	3203-3146	3203	3146	851	805	1.614	Yes	Yes	656.4979	623	1.314	Yes	Yes	111.3771	111	0.033	83.125	70	1.466
127	Calibration		64	Coddenham B1078 High Street	EB	Jan-16	ATC	No	3146-3147	3146	3147	180	256	5.163	No	Yes	145.5559	213	5.034	No	Yes	24.69405	33	1.593	9.916667	10	0.095
128	Calibration		64	Coddenham B1078 High Street	WB	Jan-16	ATC	No	3147-3146	3147	3146	127	157	2.553	Yes	Yes	104.625	127	2.051	Yes	Yes	17.74999	20	0.475	4.583333	11	2.227
129	Calibration		65	Needham Market Barking Road	EB	Jan-16	ATC	No	3138-3720	3138	3720	271	263	0.444	Yes	Yes	223.713	219	0.347	Yes	Yes	37.95366	40	0.328	8.833333	5	1.587
130	Calibration		65	Needham Market Barking Road	WB	Jan-16	ATC	No	3720-3138	3720	3138	239	252	0.811	Yes	Yes	194.2171	216	1.538	Yes	Yes	32.94958	33	0.068	12.08333	3	3.236
131	Calibration		66	Needham Market Lower Street	NB	Jan-16	ATC	No	3697-3139	3697	3139	283	275	0.437	Yes	Yes	221.6469	214	0.526	Yes	Yes	37.60313	38	0.032	23.5	24	0.054
132	Calibration		66	Needham Market Lower Street	SB	Jan-16	ATC	No	3139-3697	3139	3697	252	236	0.998	Yes	Yes	198.5631	183	1.119	Yes	Yes	33.6869	34	0.027	19.625	20	0.005
133	Calibration		67	Stuston A143 Old Bury Road	EB	Jan-16	ATC	No	3935-3248	3935	3248	248	363	6.593	No	No	177.2961	275	6.482	No	Yes	30.07888	50	3.172	40.125	38	0.382
134	Calibration		67	Stuston A143 Old Bury Road	WB	Jan-16	ATC	No	3248-3935	3248	3935	284	280	0.245	Yes	Yes	207.5401	191	1.144	Yes	Yes	35.20988	45	1.546	41.375	44	0.347
135	Validation		68	East End A1120	EB	Jan-16	ATC	No	3903-3201	3903	3201	196	193	0.218	Yes	Yes	161.141	156	0.411	Yes	Yes	27.33812	30	0.440	7.3125	7	0.079
136	Validation		68	East End A1120	WB	Jan-16	ATC	No	3201-3903	3201	3903	182	130	4.150	Yes	Yes	140.9071	104	3.348	Yes	Yes	23.90537	20	0.834	17.4375	7	3.162
137	Calibration		69	Redgrave B1113	NB	Jan-16	ATC	No	3261-5810	3261	5810	103	52	5.840	No	Yes	84.21298	40	5.634	No	Yes	14.28702	8	1.949	4.625	4	0.260
138	Calibration		69	Redgrave B1113	SB	Jan-16	ATC	No	5810-3261	5810	3261	87	57	3.534	Yes	Yes	69.18004	44	3.392	Yes	Yes	11.73663	9	1.004	5.958333	5	0.557
139	Calibration	Stowmarket	70	Stowmarket Stowmarket Road	EB	Jan-16	ATC	No	2383-3716	2383	3716	406	390	0.781	Yes	Yes	334.109	327	0.364	Yes	Yes	56.68271	62	0.746	14.70833	0	5.424
140	Calibration	Stowmarket	70	Stowmarket Stowmarket Road	WB	Jan-16	ATC	No	3716-2383	3716	2383	419	400	0.915	Yes	Yes	342.801	343	0.037	Yes	Yes	58.15734	57	0.158	18	0	6.000
141	Calibration	Stowmarket	71	Stowmarket A1120	NB	Jan-16	ATC	No	2414-2380	2414	2380	493	453	1.821	Yes	Yes	410.5917	370	2.031	Yes	Yes	69.65827	70	0.043	12.5	13	0.053
142	Calibration	Stowmarket	71	Stowmarket A1120	SB	Jan-16	ATC	No	2380-2414	2380	2414	584	610	1.095	Yes	Yes	484.2247	517	1.470	Yes	Yes	82.15034	76	0.676	17.125	17	0.033
143	Calibration	Stowmarket	72	Stowmarket B1115	EB	Jan-16	ATC	No	2379-2380	2379	2380	390	219	9.769	No	No	317.8292	171	9.378	No	No	53.92079	33	3.090	18	15	0.841
144	Calibration	Stowmarket	72	Stowmarket B1115	WB	Jan-16	ATC	No	2380-2379	2380	2379	373	234	7.995	No	No	309.4222	190	7.586	No	No	52.49451	34	2.740	11.125	10	0.425
145	Calibration	Stowmarket	73	Stowmarket Newton Road	NB	Jan-16	ATC	No	2375-2382	2375	2382	117	310	13.199	No	No	93.08313	240	11.377	No	No	15.79187	56	6.751	8.375	14	1.684
146	Calibration	Stowmarket	73	Stowmarket Newton Road	SB	Jan-16	ATC	No	2382-2375	2382	2375	194	504	16.576	No	No	153.3574	412	15.401	No	No	26.0176	76	7.018	14.83333	15	0.125
147	Calibration	Stowmarket	74	Stowmarket B1115 Finborough Rd	EB	Jan-16	ATC	No	2350-2349	2350	2349	141	246	7.518	No	No	116.915	204	6.876	No	Yes	19.83502	32	2.419	4.25	9	1.951
148	Calibration	Stowmarket	74	Stowmarket B1115 Finborough Rd	WB	Jan-16	ATC	No	2349-2350	2349	2350	125	229	7.816	No	No	102.4876	174	6.090	No	Yes	17.38737	42	4.501	5.5	13	2.593
149	Calibration	Stowmarket	75	Stowmarket A1120	NB	Jan-16	ATC	No	2386-2391	2386	2391	777	672	3.881	Yes	Yes	628.9257	593	1.464	Yes	Yes	106.6993	38	8.008	40.875	41	0.008
150	Calibration	Stowmarket	75	Stowmarket A1120	SB	Jan-16	ATC	No	2391-2387	2391	2387	715	713	0.048	Yes	Yes	575.0635	575	0.008	Yes	Yes	97.56146	99	0.158	42	39	0.476
151	Calibration	Stowmarket	76	Stowmarket A1308 Needham Rd	NB	Jan-16	ATC	No	2390-2318	2390	2318	836	626	7.771	No	No	689.72	497	7.913	No	No	117.0133	95	2.126	29.6625	34	0.796
152	Calibration	Stowmarket	76	Stowmarket A1308 Needham Rd	SB	Jan-16	ATC	No	2318-2390	2318	2390	653	620	1.296	Yes	Yes	525.4869	543	0.762	Yes	Yes	89.15061	50	4.751	38.425	28	1.868
153	Calibration	Stowmarket	78	Stowmarket A1038 Bury Road	NB	Jan-16	ATC	No	2340-3494	2340	3494	448	353	4.744	Yes	Yes	366.1341	272	5.254	No	Yes	62.11588	62	0.028	19.25	18	0.289
156	Calibration	Stowmarket	78	Stowmarket A1038 Bury Road	SB	Jan-16	ATC	No	3494-2340	3494	2340	604	516	3.709	Yes	Yes	498.5451	447	2.366	Yes	Yes	84.57986	56	3.442	21	13	1.808
157	Calibration	Stowmarket	79	Stowmarket Stowupland Road	NB	Jan-16	ATC	No	5852-2377	5852	2377	110	126	1.527	Yes	Yes	90.73201	101	1.079	Yes	Yes	15.39299	21	1.379	3.375	3	0.053
158	Calibration	Stowmarket	79	Stowmarket Stowupland Road	SB	Jan-16	ATC	No	2377-5852	2377	5852	161	164	0.256	Yes	Yes	134.4059	132	0.186	Yes	Yes	22.80242	24	0.161	3.916667	9	1.855
159	Calibration	Stowmarket	80	Stowmarket B1115 Finborough Road	EB	Jan-16	ATC	No	2346-2434	2346	2434	365	359	0.280	Yes	Yes	306.786	307	0.017	Yes	Yes	52.04728	46	0.802	5.666667	6	0.001
160	Calibration	Stowmarket	80	Stowmarket B1115 Finborough Road	WB	Jan-16	ATC	No	2434-2346	2434	2346	312	312	0.046	Yes	Yes	258.8374	259	0.014	Yes	Yes	43.91263	43	0.082	9.625	10	0.016
161	Calibration		81	Stradbroke B1117 Laxfield Rd	EB	Jan-16	ATC	No	3210-3317	3210	3317	109	109	0.027	Yes	Yes	86.02976	86	0.002	Yes	Yes	14.59524	15	0.105	8.375	8	0.035
162	Calibration		81	Stradbroke B1117 Laxfield Rd	WB	Jan-16	ATC	No	3317-3210	3317	3210	111	111	0.025	Yes	Yes	88.70149	89	0.024	Yes	Yes	15.04851	15	0.007	7.25	7	0.025
163	Calibration		82	Beyton Thurston Rd	NB	Jan-16	ATC	No	3879-3878	3879	3878	265	269	0.261	Yes	Yes	216.7487	218	0.098	Yes	Yes	36.77214	37	0.085	11	13	0.657
164	Calibration		82	Beyton Thurston Rd	SB	Jan-16	ATC	No	3878-3879	3878	3879	251	242	0.550	Yes	Yes	203.0694	202	0.051	Yes	Yes	34.45141	34	0.084	13.5625	6	2.365
165	Calibration		83	Woolpit Unnamed Road	NB	Jan-16	ATC	No	3838-3837	3838	3837	309	310	0.019	Yes	Yes	256.6644	257	0.010	Yes	Yes	43.54397	44	0.067	9.083333	9	0.011
166	Calibration		83	Woolpit Unnamed Road	SB	Jan-16	ATC	No	3837-3838	3837	3838	343	344	0.078	Yes	Yes	284.3079	286	0.076	Yes	Yes	48.23379	48	0.012	10.25	11	0.078
167	Calibration		84	Barningham B1111 Stanton Rd	NB	Jan-16	ATC	No	3263-3865	3263	3865	118	137	1.665	Yes	Yes	96.18234	111	1.428	Yes	Yes	16.31766	15	0.259	5.625	11	1.843
168	Calibration		84	Barningham B1111 Stanton Rd	SB	Jan-16	ATC	No	3865-3263	3865	3263	221	307	5.283	No	Yes	182.034	243	4.167	Yes	Yes	30.88268	46	2.419	8.333333	18	2.772
169	Calibration	ury St. Edmund	85	Bury St Edmunds A134 Sicklesmere Road	NB	Jan-16	ATC	No	2132-2111	2132	2111	347	950	23.655	No	No	270.4861	762	21.631	No	No	45.88888	150	10.538	31	38	1.128
170	Calibration	ury St. Edmund	85	Bury St Edmunds A134 Sicklesmere Road	SB	Jan-16	ATC	No	2111-2132	2111	2132	544	809	10.169	No	No	439.9452	635	8.418	No	No	74.63817	122	4.767	29.66667	52	3.460
171	Calibration	ury St. Edmund	86	Bury St Edmunds A143 Horringer Road	NB	Jan-16	ATC	No	2144-2143	2144	2143	284	483	10.153	No	No	232.5119	421	10.450	No	No	39.44643	52	1.879	12.5	10	0.820
172	Calibration	ury St. Edmund	86	Bury St Edmunds A143 Horringer Road	SB	Jan-16	ATC	No	2143-2144	2143	2144	411	361	2.562	Yes	Yes	341.2692	294	2.646	Yes	Yes	57.89747	56	0.229	11.66667	10	0.429
175	Calibration	ury St. Edmund	88	Bury St Edmunds A1302 Cullum Road	NB	Jan-16	ATC	No	2112-1320	2112	1320	294	279	0.836	Yes	Yes	236.5729	237	0.038	Yes	Yes	40.13539	38	0.306	16.91667	4	3.954
176	Calibration	ury St. Edmund	88	Bury St Edmunds A1302 Cullum Road	SB	Jan-16	ATC	No	1320-2112	1320	2112	824	355	19.342	No	No	684.4977	315	16.516	No	No	116.1273	26	10.676	23.625	13	2.402
181	Validation	ury St. Edmund	91	Bury St Edmunds A1302 Newmarket Road	NB	Jan-16	ATC	No	2159-1308	2159	1308	409	445	1.704	Yes	Yes	332.4347	367	1.849	Yes	Yes	56.39866	64	0.921	20.58333	14	1.559
182	Validation	ury St. Edmund	91	Bury St Edmunds A1302 Newmarket Road	SB	Jan-16	ATC	No	1308-2159	1308	2159	650	666	0.607	Yes	Yes	541.9697	624	3.391	Yes	Yes	91.94698	35	7.199	16.20833	7	2.645
183	Calibration	ury St. Edmund	92	Bury St Edmunds Fornham Lane	NB	Jan-16	ATC	No	3849-2199	3849	2199	460	467	0.295	Yes	Yes	388.7192	375	0.694	Yes	Yes	65.94751	66	0.031	5.791667	26	5.063
184	Calibration	ury St. Edmund	92	Bury St Edmunds Fornham Lane	SB	Jan-16	ATC	No	2199-3849	2199	3849	394	400	0.304	Yes	Yes	319.2898	323	0.213	Yes	Yes	54.16858	56	0.264	20.04167	20	0.061
185	Calibration	ury St. Edmund	93	Bury St Edmunds Tut Hill	NB	Jan-16	ATC	No	2198-2232	2198	2232	643	476	7.053	No	No	538.4074	399	6.448	No	No	91.34262	39	6.445	12.75	38	4.959
186	Calibration	ury St. Edmund	93	Bury St Edmunds Tut Hill	SB	Jan-16	ATC	No	2232-2198	2232	2198	598	383	9.695	No	No	491.5986	288	10.289	No	No	83.40136	60	2.778	23.125	35	2.214
187	Calibration	ury St. Edmund	94	Bury St Edmunds Westley Road	EB	Jan-16	ATC	No	2180-2155	2180	2155	528	238	14.829	No	No	449.1715	200	13.856	No	No	76.20346	35	5.583	2.75	4	0.507
188	Calibration	ury St. Edmund	94	Bury St Edmunds Westley Road	WB	Jan-16	ATC	No	2155-2180	2155	2180	310	277	1.916	Yes	Yes	263.4327	238	1.620	Yes	Yes	44.69225	35	1.532	1.5	4	1.514
189	Calibration	ury St. Edmund	95	Bury St Edmunds A1101	NB	Jan-16	ATC	No	3381-2217	3381	2217	674	669	0.219	Yes	Yes	560.5649	554	0.275	Yes	Yes	95.10172	96	0.049	18.70833	19	0.078
190	Calibration	ury St. Edmund	95	Bury St Edmunds A1101	SB	Jan-16	ATC	No	2217-3381	2217	3381	561	555	0.280	Yes	Yes	467.09	468	0.022	Yes	Yes	79.24338	72	0.800	14.91667	15	0.036
191	Calibration	ury St. Edmund	96	Bury St Edmunds B1106 Thetford Road	NEB	Jan-16	ATC	No	2220-2235	2220	2235	312	680	16.554	No	No	257.5846	573	15.466	No	No	43.7001	94	6.061	10.4375	14	0.945
192	Calibration	ury St. Edmund	96	Bury St Edmunds B1106 Thetford Road	SWB	Jan-16	ATC	No	2235-2220	2235	2220	620	489	5.550	No	No	518.2803	424	4.333	Yes	Yes	87.928	51	4.397	13.95833	14	0.005
193	Calibration	ury St. Edmund	97	Bury St Edmunds Mildenhall Road	NB	Jan-16	ATC	No	2230-2232	2230	2232	336	323	0.735	Yes	Yes	267.28	252	0.951	Yes	Yes	45.34496	50	0.738	23.70833	21	0.664
194	Calibration	ury St. Edmund	97	Bury St Edmunds Mildenhall Road	SB	Jan-16	ATC	No	2232-2230	2232	2230	403	204	11.450	No	No	330.8494	170	10.178	No	No	56.12972	16	6.751	16.0625	18	0.501
195	Calibration	ury St. Edmund	98	Bury St Edmunds A134	NB	Jan-16	ATC	No	2250-3815	2250	3815	462	601	6.058	No	No	341.8748	464	6.073	No	No	58.00021	76	2.191	61.75	62	0.019
196	Calibration	ury St. Edmund	98	Bury St Edmunds A134	SB	Jan-16	ATC	No	3815-2250	3815	2250	736	653	3.182	Yes	Yes	593.5519	511	3.534	Yes	Yes	100.6981	89	1.206	42.125	53	1.582
197	Validation	ury St. Edmund	99	Bury St Edmunds B1106 Barton Bottom	EB	Jan-16	ATC	No	2250-2259	2250	2259	134	224	6.737	No	Yes	109.3629	175	5.522	No	Yes	18.55378	23	0.942	5.625	26	5.038
198	Validation	ury St. Edmund	99	Bury St Edmunds B1106 Barton Bottom	WB	Jan-16	ATC	No	2259-2250	2259	2250	372	295	4.204	Yes	Yes	312.0832	231	4.926	Yes	Yes	52.94596	39	2.028	6.575	25	4.596
199	Calibration	ury St. Edmund	100	Bury St Edmunds A134 Compiegne Way	NB	Jan-16	ATC	No	2087-2234	2087	2234	882	1026	4.677	Yes	No	645.1698	814	6.260	No	No	109.4552	113	0.344	127.375	99	2.653
200	Calibration	ury St. Edmund	100	Bury St Edmunds A134 Compiegne Way	SB	Jan-16	ATC	No	2234-2087	2234	2087	926	1042	3.713	Yes	Yes	696.2533	803	3.900	Yes	No	118.1217	140	1.903	111.5	100	1.160

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
201	Validation	ury St. Edmund	101	Bury St Edmunds A143	NB	Jan-16	ATC	No	5919-3852	5919	3852	356	639	12.693	No	No	263.5396	489	11.607	No	No	44.71038	101	6.596	47.375	49	0.233
202	Validation	ury St. Edmund	101	Bury St Edmunds A143	SB	Jan-16	ATC	No	3852-5919	3852	5919	911	846	2.180	Yes	Yes	728.4209	667	2.340	Yes	Yes	123.5791	138	1.269	58.5	41	2.452
203	Calibration	ury St. Edmund	102	Bury St Edmunds Mount Road	EB	Jan-16	ATC	No	2282-2284	2282	2284	398	296	5.458	No	No	331.4729	212	7.254	No	No	56.23548	69	1.669	10.41667	15	1.297
204	Calibration	ury St. Edmund	102	Bury St Edmunds Mount Road	WB	Jan-16	ATC	No	2284-2282	2284	2282	500	583	3.570	Yes	Yes	419.9606	448	1.360	Yes	Yes	71.24773	103	3.408	8.916667	32	5.083
205	Calibration	ury St. Edmund	103	Horninger Poulters Lane	NEB	Jan-16	ATC	No	5638-1011	5638	1011	460	356	5.129	No	No	381.5767	308	3.987	Yes	Yes	64.73577	39	3.598	13.27083	10	1.084
206	Calibration	ury St. Edmund	103	Horninger Poulters Lane	SWB	Jan-16	ATC	No	1011-5638	1011	5638	303	241	3.786	Yes	Yes	241.6492	192	3.406	Yes	Yes	40.9966	42	0.119	20.27083	7	3.520
207	Calibration	ury St. Edmund	104	Bury St Edmunds Unnamed Road	NB	Jan-16	ATC	No	2287-2284	2287	2284	303	310	0.425	Yes	Yes	251.1463	260	0.572	Yes	Yes	42.60782	43	0.077	8.85	7	0.796
208	Calibration	ury St. Edmund	104	Bury St Edmunds Unnamed Road	SB	Jan-16	ATC	No	2284-2287	2284	2287	439	429	0.487	Yes	Yes	367.5697	359	0.448	Yes	Yes	62.35944	58	0.506	9.175	11	0.721
209	Calibration	ury St. Edmund	105	Bury St Edmunds Hardwick Lane	EB	Jan-16	ATC	No	1319-2137	1319	2137	398	414	0.804	Yes	Yes	336.282	350	0.765	Yes	Yes	57.05137	59	0.217	4.666667	5	0.175
210	Calibration	ury St. Edmund	105	Bury St Edmunds Hardwick Lane	WB	Jan-16	ATC	No	2137-1319	2137	1319	668	671	0.128	Yes	Yes	559.425	562	0.123	Yes	Yes	94.90833	95	0.050	13.41667	13	0.022
211	Calibration	ury St. Edmund	106	Bury St Edmunds Hospital Road	EB	Jan-16	ATC	No	2177-2178	2177	2178	259	257	0.118	Yes	Yes	218.6545	217	0.117	Yes	Yes	37.09547	37	0.007	3.625	4	0.066
212	Calibration	ury St. Edmund	106	Bury St Edmunds Hospital Road	WB	Jan-16	ATC	No	2178-2177	2178	2177	445	432	0.639	Yes	Yes	376.5361	377	0.024	Yes	Yes	63.88061	50	1.825	4.833333	5	0.025
213	Validation	ury St. Edmund	107	Bury St Edmunds Flemyng Road	NB	Jan-16	ATC	No	2150-2151	2150	2151	400	253	8.096	No	No	332.2922	242	5.348	No	Yes	56.37448	11	7.864	11.16667	1	4.117
214	Validation	ury St. Edmund	107	Bury St Edmunds Flemyng Road	SB	Jan-16	ATC	No	2151-2150	2151	2150	216	127	6.805	No	Yes	179.4335	114	5.376	No	Yes	30.4415	12	4.118	6.375	1	2.632
215	Calibration	ury St. Edmund	108	Bury St Edmunds A1302 Tayfen Road	EB	Jan-16	ATC	No	2076-2078	2076	2078	587	630	1.737	Yes	Yes	491.563	529	1.662	Yes	Yes	83.39532	84	0.054	12.33333	17	1.258
216	Calibration	ury St. Edmund	108	Bury St Edmunds A1302 Tayfen Road	WB	Jan-16	ATC	No	2078-2076	2078	2076	859	865	0.182	Yes	Yes	715.2404	748	1.200	Yes	Yes	121.3429	97	2.360	22.75	20	0.528
217	Calibration	ury St. Edmund	109	Bury St Edmunds Mustow Street	EB	Jan-16	ATC	No	2311-3399	2311	3399	507	493	0.600	Yes	Yes	423.3092	414	0.464	Yes	Yes	71.81582	66	0.703	11.375	13	0.544
218	Calibration	ury St. Edmund	109	Bury St Edmunds Mustow Street	WB	Jan-16	ATC	No	3399-2311	3399	2311	273	277	0.243	Yes	Yes	228.8071	236	0.439	Yes	Yes	38.81789	36	0.398	4.875	5	0.106
221	Calibration	ury St. Edmund	111	Bury St Edmunds Hollow Road	NB	Jan-16	ATC	No	1358-3427	1358	3427	199	95	8.544	No	No	153.2505	86	6.183	No	Yes	25.99947	6	5.029	19.5	4	4.682
222	Calibration	ury St. Edmund	111	Bury St Edmunds Hollow Road	SB	Jan-16	ATC	No	3427-1358	3427	1358	499	101	22.960	No	No	401.8641	73	21.340	No	No	68.17759	16	7.994	29.16667	12	3.764
223	Calibration	ury St. Edmund	112	Bury St Edmunds Orttewell Road	NB	Jan-16	ATC	No	2297-2271	2297	2271	454	455	0.031	Yes	Yes	372.2969	372	0.015	Yes	Yes	63.16142	64	0.098	18.58333	19	0.039
224	Calibration	ury St. Edmund	112	Bury St Edmunds Orttewell Road	SB	Jan-16	ATC	No	2271-2297	2271	2297	654	645	0.341	Yes	Yes	543.8933	542	0.080	Yes	Yes	92.27333	87	0.569	17.5	16	0.355
225	Calibration		113	Clare A1092 Cavendish Road	EB	Jan-16	ATC	No	3308-3731	3308	3731	197	196	0.029	Yes	Yes	155.0673	155	0.000	Yes	Yes	26.30769	26	0.060	15.33333	15	0.025
226	Calibration		113	Clare A1092 Cavendish Road	WB	Jan-16	ATC	No	3731-3308	3731	3308	292	290	0.110	Yes	Yes	231.9776	232	0.004	Yes	Yes	39.35577	39	0.076	21	20	0.323
231	Validation		116	Thetford A1088	NB	Jan-16	ATC	No	5921-3265	5921	3265	264	222	2.693	Yes	Yes	216.3034	183	2.344	Yes	Yes	36.6966	33	0.649	11.25	6	1.710
232	Validation		116	Thetford A1088	SB	Jan-16	ATC	No	3265-5921	3265	5921	295	205	5.649	No	Yes	233.0463	167	4.697	Yes	Yes	39.53708	28	1.985	22	11	2.812
235	Calibration		118	Great Bradley B1061	NB	Jan-16	ATC	No	3743-2481	3743	2481	246	251	0.331	Yes	Yes	205.6165	202	0.271	Yes	Yes	34.88353	33	0.259	5.5	16	3.226
236	Calibration		118	Great Bradley B1061	SB	Jan-16	ATC	No	2481-3743	2481	3743	111	129	1.685	Yes	Yes	90.19766	103	1.308	Yes	Yes	15.30234	20	1.047	5.125	6	0.505
237	Calibration		119	Kedington B1061 Haverhill Road	NB	Jan-16	ATC	No	3740-2625	3740	2625	277	276	0.079	Yes	Yes	232.405	231	0.071	Yes	Yes	39.4283	39	0.068	5.5	6	0.081
238	Calibration		119	Kedington B1061 Haverhill Road	SB	Jan-16	ATC	No	2625-3740	2625	3740	161	161	0.002	Yes	Yes	133.4619	133	0.046	Yes	Yes	22.64226	23	0.073	5.0625	5	0.072
239	Calibration	Haverhill	120	Haverhill A143 Haverhill Rd	EB	Jan-16	ATC	No	2584-2625	2584	2625	367	321	2.457	Yes	Yes	305.6461	268	2.222	Yes	Yes	51.85389	38	2.096	9.416667	16	1.725
240	Calibration	Haverhill	120	Haverhill A143 Haverhill Rd	WB	Jan-16	ATC	No	2625-2584	2625	2584	504	471	1.484	Yes	Yes	415.009	386	1.458	Yes	Yes	70.40767	72	0.173	18.125	13	1.275
241	Calibration	Haverhill	121	Haverhill A143 Ehringshausen Way	NB	Jan-16	ATC	No	2573-2572	2573	2572	365	362	0.155	Yes	Yes	294.2289	294	0.015	Yes	Yes	49.91692	50	0.013	21.0625	18	0.631
242	Calibration	Haverhill	121	Haverhill A143 Ehringshausen Way	SB	Jan-16	ATC	No	2572-2573	2572	2573	365	365	0.019	Yes	Yes	300.9439	301	0.007	Yes	Yes	51.05614	51	0.043	13.41667	13	0.017
243	Validation	Haverhill	122	Haverhill A1017	EB	Jan-16	ATC	No	2541-2540	2541	2540	156	233	5.472	No	Yes	121.9735	153	2.642	Yes	Yes	20.69321	55	5.629	13.70833	24	2.434
244	Validation	Haverhill	122	Haverhill A1017	WB	Jan-16	ATC	No	2540-2541	2540	2541	331	355	1.278	Yes	Yes	267.7431	267	0.024	Yes	Yes	45.42352	50	0.688	18.08333	37	3.665
245	Calibration	Haverhill	123	Haverhill A1017	NB	Jan-16	ATC	No	2556-2612	2556	2612	342	474	6.536	No	No	266.532	358	5.179	No	Yes	45.21804	72	3.472	30.25	44	2.286
246	Calibration	Haverhill	123	Haverhill A1017	SB	Jan-16	ATC	No	2612-2556	2612	2556	258	282	1.441	Yes	Yes	190.5479	171	1.449	Yes	Yes	32.32709	79	6.257	35.25	32	0.607
247	Calibration	Haverhill	124	Haverhill Queens Street	NB	Jan-16	ATC	No	2603-2628	2603	2628	177	84	8.153	No	Yes	149.3676	67	7.937	No	Yes	25.34072	12	3.222	2.708333	6	1.509
248	Calibration	Haverhill	124	Haverhill Queens Street	SB	Jan-16	ATC	No	2628-2603	2628	2603	101	51	5.757	No	Yes	81.3097	43	4.933	Yes	Yes	13.79446	5	2.797	5.645833	3	1.285
249	Calibration	Haverhill	125	Haverhill A1307 Withersfield	EB	Jan-16	ATC	No	2592-2591	2592	2591	493	470	1.034	Yes	Yes	408.4365	407	0.053	Yes	Yes	69.29263	49	2.702	15.35417	14	0.231
250	Calibration	Haverhill	125	Haverhill A1307 Withersfield	WB	Jan-16	ATC	No	2591-2592	2591	2592	494	494	0.015	Yes	Yes	409.7724	409	0.024	Yes	Yes	69.51926	70	0.058	14.29167	15	0.091
251	Calibration	Haverhill	126	Haverhill A1307	EB	Jan-16	ATC	No	2611-2605	2611	2605	334	199	8.284	No	No	273.4072	154	8.174	No	No	46.38445	35	1.741	14.375	10	1.336
252	Calibration	Haverhill	126	Haverhill A1307	WB	Jan-16	ATC	No	2605-2611	2605	2611	489	608	5.098	No	No	405.4264	528	5.658	No	No	68.78195	70	0.201	14.54167	10	1.286
253	Calibration	Haverhill	127	Haverhill A143 Rowley Hill	EB	Jan-16	ATC	No	3621-2540	3621	2540	130	137	0.595	Yes	Yes	98.85407	100	0.162	Yes	Yes	16.77093	22	1.255	14.54167	14	0.075
254	Calibration	Haverhill	127	Haverhill A143 Rowley Hill	WB	Jan-16	ATC	No	2540-3621	2540	3621	285	285	0.023	Yes	Yes	229.6799	230	0.011	Yes	Yes	38.96596	39	0.013	16.4375	17	0.036
255	Validation	Haverhill	128	Haverhill A1307	EB	Jan-16	ATC	No	2630-2612	2630	2612	487	482	0.218	Yes	Yes	391.0347	323	3.583	Yes	Yes	66.34034	117	5.250	29.875	43	2.111
256	Validation	Haverhill	128	Haverhill A1307	WB	Jan-16	ATC	No	2612-2630	2612	2630	901	1175	8.505	No	No	739.3216	969	7.873	No	No	125.4284	151	2.212	36.375	54	2.653
257	Calibration	Haverhill	129	Wixoe A1092	NB	Jan-16	ATC	No	3307-3308	3307	3308	136	136	0.029	Yes	Yes	107.1364	107	0.005	Yes	Yes	18.17606	18	0.039	10.5625	10	0.037
258	Calibration	Haverhill	129	Wixoe A1092	SB	Jan-16	ATC	No	3308-3307	3308	3307	302	302	0.025	Yes	Yes	248.1861	247	0.084	Yes	Yes	42.1056	42	0.035	11.70833	13	0.317
259	Calibration	Haverhill	130	Haverhill Bumpstead Road	NB	Jan-16	ATC	No	2543-2544	2543	2544	258	343	4.927	Yes	Yes	208.9294	305	5.979	No	Yes	35.44558	26	1.692	13.45833	12	0.282
260	Calibration	Haverhill	130	Haverhill Bumpstead Road	SB	Jan-16	ATC	No	2544-2543	2544	2543	455	451	0.216	Yes	Yes	374.933	392	0.876	Yes	Yes	63.60865	43	2.833	16.875	16	0.264
261	Calibration	Haverhill	131	Haverhill Burton End	EB	Jan-16	ATC	No	2558-2559	2558	2559	262	262	0.016	Yes	Yes	219.7232	220	0.019	Yes	Yes	37.27678	37	0.057	5.416667	5	0.086
262	Calibration	Haverhill	131	Haverhill Burton End	WB	Jan-16	ATC	No	2559-2558	2559	2558	216	214	0.144	Yes	Yes	178.8635	178	0.096	Yes	Yes	30.3448	30	0.063	7.125	7	0.185
263	Calibration		132	Hundon Folly Road	NB	Jan-16	ATC	No	3733-3735	3733	3735	50	58	1.075	Yes	Yes	40.89531	42	0.204	Yes	Yes	6.938026	9	0.647	2.541667	7	2.158
264	Calibration		132	Hundon Folly Road	SB	Jan-16	ATC	No	3735-3733	3735	3733	85	85	0.004	Yes	Yes	70.21311	70	0.016	Yes	Yes	11.91189	12	0.028	2.541667	3	0.044
265	Calibration		133	Ixworth A143	NB	Jan-16	ATC	No	3325-3264	3325	3264	621	625	0.179	Yes	Yes	487.6445	493	0.231	Yes	Yes	82.73052	82	0.123	50.5	51	0.065
266	Calibration		133	Ixworth A143	SB	Jan-16	ATC	No	3264-3325	3264	3325	996	996	0.019	Yes	Yes	799.489	799	0.007	Yes	Yes	135.636	137	0.106	60.5	60	0.057
267	Calibration		134	Wickhambrook B1063	NB	Jan-16	ATC	No	3774-5938	3774	5938	64	176	10.235	No	No	51.26163	144	9.353	No	Yes	8.696707	21	3.224	4.208333	12	2.656
268	Calibration		134	Wickhambrook B1063	SB	Jan-16	ATC	No	5938-3774	5938	3774	99	76	2.471	Yes	Yes	82.48526	57	3.028	Yes	Yes	13.9939	14	0.126	2.770833	4	0.891
269	Validation		135	Stanton A143 Bury Rd	EB	Jan-16	ATC	No	3875-3867	3875	3867	291	270	1.232	Yes	Yes	215.6978	206	0.634	Yes	Yes	36.59386	37	0.111	38.33333	26	2.126
270	Validation		135	Stanton A143 Bury Rd	WB	Jan-16	ATC	No	3867-3875	3867	3875	495	380	5.459	No	No	384.9075	291	5.128	No	Yes	65.30085	57	1.018	44.33333	32	1.930
271	Calibration	SEGWay	136	Aldeburgh Aldeburgh Road	EB	Jan-16	ATC	No	3190-3189	3190	3189	103	102	0.082	Yes	Yes	84.49797	84	0.053	Yes	Yes	14.33536	14	0.089	4.333333	4	0.001
272	Calibration	SEGWay	136	Aldeburgh Aldeburgh Road	WB	Jan-16	ATC	No	3189-3190	3189	3190	218	209	0.574	Yes	Yes	179.1129	179	0.005	Yes	Yes	30.3871	30	0.058	8	0	4.000
273	Calibration		137	Blythburgh A12 Station Rd	NB	Jan-16	ATC	No	3224-3328	3224	3328	401	401	0.001	Yes	Yes	314.3025	315	0.015	Yes	Yes	53.32248	53	0.052	32.875	33	0.023
274	Calibration		137	Blythburgh A12 Station Rd	SB	Jan-16	ATC	No	3328-3224	3328	3224	419	419	0.006	Yes	Yes	328.3974	328	0.031	Yes	Yes	55.71372	56	0.061	35	35	0.002
275	Calibration	SEGWay	138	Earl Soham A1120 Mill Hill	EB	Jan-16	ATC	No	3200-5845	3200	5845	178	219	2.880	Yes	Yes	143.3473	178	2.744	Yes	Yes	24.31935	36	2.094	10.45833	5	2.071
276	Calibration	SEGWay	138	Earl Soham A1120 Mill Hill	WB	Jan-16	ATC	No	5845-3200	5845	3200	210	187	1.574	Yes	Yes	172.8432	152	1.606	Yes	Yes	29.32343	27	0.378	7.458333	8	0.113
277	Calibration	Felixstowe	139	Felixstowe A154 Candlet Road	NB	Jan-16	ATC	No	2914-2913	2914	2913	641	745	3.931	Yes	No	540.331	564	0.990	Yes	Yes	91.66897	152	5.437	9.25	30	4.600
278	Calibration	Felixstowe	139	Felixstowe A154 Candlet Road	SB	Jan-16	ATC	No	2913-2914	2913	2914	859	843	0.534	Yes	Yes	721.9019	746	0.905	Yes	Yes	122.4731	67	5.713	14.5	30	3.284
279	Calibration	Felixstowe	140	Felixstowe A154 Walton Avenue	EB	Jan-16	ATC	No	3551-5859	3551	5859	314	330	0.901	Yes	Yes	262.9696	263	0.025	Yes	Yes	44.61368	45	0.056	6.541667	23	4.232
280	Calibration	Felixstowe	140	Felixstowe A154 Walton Avenue	WB	Jan-16	ATC	No	5859-3551	5859	3551	335	350	0.794	Yes	Yes	281.3155	280	0.070	Yes	Yes	47.72613	45	0.402	6.333333	25	4.704
281	Calibration	Felixstowe	141	Felixstowe A1021 Beatrice Ave	NB	Jan-16	ATC	No	2911-2912	2911	2912	400	435	1.694	Yes	Yes	336.3532	409	3.775	Yes	Yes	57.06345	26	4.913	6.708333	0	3.663
282	Calibration	Felixstowe	141	Felixstowe A1021 Beatrice Ave	SB	Jan-16	ATC	No	2912-2911	2912	2911	399	579	8.128	No	No	331.5441	447	5.844	No	No	56.24757	132	7.785	11.08333	0	4.708
283	Calibration	Felixstowe	142	Felixstowe A154 Garrison Lane	NB	Jan-16	ATC	No	2921-2919	2921	2919	380	380	0.041	Yes	Yes	318.2567	318	0.007	Yes	Yes	53.99332	42	1.743	7.375	20	3.486
284	Calibration	Felixstowe	142	Felixstowe A154 Garrison Lane	SB	Jan-16	ATC	No	2919-2921	2919	2921	441	402	1.936	Yes	Yes	368.9483	373	0.223	Yes	Yes	62.59333	21	6.393	9.75	7	0.915
285	Validation	Felixstowe	143	Felixstowe A154 Trinity Avenue	NB	Jan-16	ATC	No	2899-2892	2899	2892	255	301	2.775	Yes	Yes	136.7927	110	2.378	Yes	Yes	23.20733	31	1.481	94.75	160	5.761
286	Validation	Felixstowe	143	Felixstowe A154 Trinity Avenue	SB	Jan-16	ATC	No	2892-2899	2892	2899	636	584	2.121	Yes	Yes	510.6926	445	2.986	Yes	Yes	86.64072	47	4.866	38.54167	91	6.540
287	Calibration	Felixstowe	144	Felixstowe A154 Walton Avenue	EB	Jan-16	ATC	No	2899-2870	2899	2870	250	162	6.076	No	Yes	191.5454	142	3.861	Yes	Yes	32.49631	19	2.695	25.45833	2	6.425
288	Calibration	Felixstowe	144	Felixstowe A154 Walton Avenue	WB	Jan-16	ATC	No	2870-2899	2870	2899	228	196	2.193	Yes	Yes	169.7084	165	0.371	Yes	Yes	28.7916	29	0.024	29.25	2	6.891
289	Calibration	Felixstowe	145	Felixstowe Langer Road	NB	Jan-16	ATC	No	2863-2865	2863	2865	148	153	0.471	Yes	Yes	120.976	121	0.001	Yes	Yes	20.52399	21	0.100	6.083333	11	1.801
290	Calibration	Felixstowe	145	Felixstowe Langer Road	SB	Jan-16	ATC	No	2865-2863	2865	2863	259	261	0.109	Yes	Yes	213.6317	214	0.031	Yes	Yes	36.24333	36	0.040	9.125	11	0.488
291	Calibration	Felixstowe	146	Felixstowe Maidstone Road	NB	Jan-16	ATC	No	2906-2907	2906	2907	230	215	1.018	Yes	Yes	192.2934	192	0.006	Yes	Yes	32.62323	17	3.111	5.083333	5	0.106
292	Calibration	Felixstowe	146	Felixstowe Maidstone Road	SB	Jan-16	ATC	No	2907-2906	2907	2906	267	251	0.970	Yes	Yes	226.456	223	0.245	Yes	Yes	38.41902	27	2.084	2.25	2	0.048
293	Calibration	Felixstowe	147	Felixstowe High Street	EB	Jan-16	ATC	No	2938-2909	2938	2909	522	419	4.756	Yes	No	437.5584	388	2.436	Yes	Yes	74.23325	26	6.782	10.70833	5	2.011
294	Calibration	Felixstowe	147	Felixstowe High Street	WB	Jan-16	ATC	No	2909-2938	2909	2938	460	455	0.204	Yes	Yes	384.765	384	0.022	Yes	Yes	65.27667	61	0.577	9.458333	10	0.201
295	Calibration	Felixstowe	148	Felixstowe High Road	NB	Jan-16	ATC	No	2939-3566	2939	3566	518	391	5.953	No	No	434.4236	335	5.081	No	Yes	73.70142	45	3.691	9.5	11	0.392
296	Calibration	Felixstowe	148	Felixstowe High Road	SB	Jan-16	ATC	No	3566-2939	3566	2939	294	124	11.719	No	No	241.6314	98	11.007	No	No	40.99358	19	3.915	11.25	7	1.491
297	Calibration	SEGWay	149	Framlingham B1120	NB	Jan-16	ATC	No	3196-3214	3196	3214	43	55	1.747	Yes	Yes	35.76558	48	1.955	Yes	Yes	6.067751	6	0.044	1.041667	1	0.376
298	Calibration	SEGWay	149	Framlingham B1120	SB	Jan-16	ATC	No	3214-3196	3214	3196	80	142	5.826	No	Yes	65.86709	123	5.874	No	Yes	11.17457	11	0.094	3.208333	7	1.744
299	Calibration	SEGWay	150	Framlingham B1116 Dennington Rd	NB	Jan-16	ATC	No	3198-3213	3198	3213	86	71	1.685	Yes	Yes	70.60496	53	2.181	Yes	Yes	11.97837	16	1.035	3.791667	2	0.963
300	Calibration	SEGWay	150	Framlingham B1116 Dennington Rd	SB	Jan-16	ATC	No	3213-3198	3213	3198	196	170	1.865	Yes	Yes	160.5889	137	1.916	Yes	Yes	27.24444	33	1.073	7.75	0	3.937
301	Calibration	SEGWay	151	Framlingham B1119 Saxtead Rd	EB	Jan-16	ATC	No	3199-5976	3199	5976	259	166	6.377	No	Yes	214.736	134	6.145	No	Yes	36.43068	31	0.889	7.583333	1	3.222

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
302	Calibration	SEGWay	151	Framlingham B1119 Saxtead Rd	WB	Jan-16	ATC	No	5976-3199	5976	3199	161	64	9.206	No	Yes	132.2329	50	8.626	No	Yes	22.43376	12	2.421	6.666667	1	2.597
303	Calibration	SEGWay	152	Framlingham Saxmundham Rd	EB	Jan-16	ATC	No	5978-7315	5978	7315	106	154	4.181	Yes	Yes	89.16459	132	4.060	Yes	Yes	15.12707	21	1.378	1.625	1	0.843
304	Calibration	SEGWay	152	Framlingham Saxmundham Rd	WB	Jan-16	ATC	No	7315-5978	7315	5978	134	183	3.941	Yes	Yes	110.8947	162	4.363	Yes	Yes	18.81365	22	0.613	4.125	0	2.805
305	Calibration	SEGWay	153	Framlingham Woodbridge Rd	NB	Jan-16	ATC	No	5438-5431	5438	5431	273	273	0.007	Yes	Yes	229.5908	227	0.142	Yes	Yes	38.95085	35	0.711	4.083333	11	2.424
306	Calibration	SEGWay	153	Framlingham Woodbridge Rd	SB	Jan-16	ATC	No	5431-5438	5431	5438	282	334	2.996	Yes	Yes	235.8961	281	2.777	Yes	Yes	40.02057	40	0.008	5.833333	14	2.527
307	Calibration	Waveney	154	Halesworth B1123 Chediston St	EB	Jan-16	ATC	No	3981-4521	3981	4521	95	84	1.155	Yes	Yes	78.15706	67	1.256	Yes	Yes	13.25961	13	0.072	3.416667	3	0.033
308	Calibration	Waveney	154	Halesworth B1123 Chediston St	WB	Jan-16	ATC	No	4521-3981	4521	3981	62	58	0.529	Yes	Yes	49.80108	46	0.542	Yes	Yes	8.44892	8	0.160	3.875	4	0.054
309	Validation	Ipswich	155	Kesgrave A12	NB	Jan-16	ATC	No	0105-3010	30105	30107	1736	1780	1.047	Yes	Yes	1402.018	1402	0.002	Yes	Yes	237.8571	283	2.802	95.875	94	0.148
310	Validation	Ipswich	155	Kesgrave A12	SB	Jan-16	ATC	No	0107-3010	30107	30106	1764	1788	0.579	Yes	Yes	1451.392	1487	0.932	Yes	Yes	246.2335	237	0.607	66.125	64	0.234
311	Calibration	Ipswich	156	Ipswich A1156	EB	Jan-16	ATC	No	0259-3010	30259	30100	591	581	0.410	Yes	Yes	474.3927	488	0.619	Yes	Yes	80.48231	80	0.100	36.375	14	4.517
312	Calibration	Ipswich	156	Ipswich A1156	WB	Jan-16	ATC	No	0100-3025	30100	30259	597	577	0.812	Yes	Yes	493.5223	479	0.654	Yes	Yes	83.72771	85	0.174	19.75	13	1.697
313	Validation	Ipswich	157	Kesgrave A1214 Main Rd	EB	Jan-16	ATC	No	0307-3057	30307	30577	1166	1010	4.734	Yes	Yes	966.0982	890	2.496	Yes	Yes	163.9018	104	5.141	36	15	4.056
314	Validation	Ipswich	157	Kesgrave A1214 Main Rd	WB	Jan-16	ATC	No	0577-3030	30577	30307	640	597	1.690	Yes	Yes	530.9265	521	0.435	Yes	Yes	90.07347	57	3.826	18.5	19	0.178
315	Calibration	Ipswich	158	Kesgrave A12	NB	Jan-16	ATC	No	0111-3011	30111	30112	1423	1416	0.182	Yes	Yes	1124.158	1123	0.020	Yes	Yes	190.7172	191	0.051	107.75	101	0.672
316	Calibration	Ipswich	158	Kesgrave A12	SB	Jan-16	ATC	No	0112-3011	30112	30111	1956	1933	0.530	Yes	Yes	1606.673	1580	0.670	Yes	Yes	272.5774	276	0.184	76.75	77	0.039
317	Calibration	SEGWay	159	Leiston B1122 Abbey Rd	NB	Jan-16	ATC	No	7331-7335	7331	7335	189	222	2.316	Yes	Yes	153.7849	168	1.096	Yes	Yes	26.09012	32	1.019	9	23	3.468
318	Calibration	SEGWay	159	Leiston B1122 Abbey Rd	SB	Jan-16	ATC	No	7335-7331	7335	7331	236	238	0.132	Yes	Yes	194.3631	191	0.265	Yes	Yes	32.97436	33	0.034	8.7875	14	1.626
319	Calibration	SEGWay	160	Leiston B1119 Saxmundham Rd	EB	Jan-16	ATC	No	5519-5514	5519	5514	115	198	6.632	No	Yes	93.61748	177	7.189	No	Yes	15.88252	19	0.808	5.666667	2	2.125
320	Calibration	SEGWay	160	Leiston B1119 Saxmundham Rd	WB	Jan-16	ATC	No	5514-5519	5514	5519	145	95	4.581	Yes	Yes	119.0167	81	3.825	Yes	Yes	20.19159	14	1.500	5.791667	0	3.358
321	Calibration	SEGWay	161	Leiston Aldeburgh Road	NB	Jan-16	ATC	No	3185-5521	3185	5521	137	91	4.338	Yes	Yes	111.9277	75	3.855	Yes	Yes	18.98892	5	3.880	6.041667	11	1.567
322	Calibration	SEGWay	161	Leiston Aldeburgh Road	SB	Jan-16	ATC	No	5521-3185	5521	3185	234	184	3.416	Yes	Yes	191.0466	166	1.889	Yes	Yes	32.4117	16	3.251	10.04167	2	3.303
323	Calibration	SEGWay	162	Leiston B1069 Leiston Rd	NB	Jan-16	ATC	No	3186-5952	3186	5952	199	197	0.117	Yes	Yes	163.4387	159	0.354	Yes	Yes	27.72793	35	1.329	7.333333	3	2.050
324	Calibration	SEGWay	162	Leiston B1069 Leiston Rd	SB	Jan-16	ATC	No	5952-3186	5952	3186	192	145	3.650	Yes	Yes	159.5558	105	4.775	Yes	Yes	27.06918	29	0.409	5.5	11	1.871
325	Calibration	SEGWay	163	Saxmundham B1121 Main Rd	NB	Jan-16	ATC	No	5974-3327	5974	3327	76	51	3.041	Yes	Yes	60.30989	43	2.449	Yes	Yes	10.23178	9	0.525	5.083333	0	3.148
326	Calibration	SEGWay	163	Saxmundham B1121 Main Rd	SB	Jan-16	ATC	No	3327-5974	3327	5974	109	66	4.539	Yes	Yes	87.95341	60	3.233	Yes	Yes	14.92159	6	2.728	6	0	3.316
327	Calibration	SEGWay	164	Saxmundham A12	NB	Jan-16	ATC	No	3194-5543	3194	5543	386	384	0.121	Yes	Yes	303.5087	302	0.098	Yes	Yes	51.49127	53	0.254	31	28	0.460
328	Calibration	SEGWay	164	Saxmundham A12	SB	Jan-16	ATC	No	5543-3194	5543	3194	473	412	2.904	Yes	Yes	378.3172	319	3.168	Yes	Yes	64.18279	66	0.279	30.875	27	0.781
329	Calibration	SEGWay	165	Saxmundham B1119 Rendham Rd	EB	Jan-16	ATC	No	7329-3194	7329	3194	88	178	7.835	No	Yes	72.17238	154	7.683	No	Yes	12.24429	23	2.600	3.291667	1	1.587
330	Calibration	SEGWay	165	Saxmundham B1119 Rendham Rd	WB	Jan-16	ATC	No	3194-7329	3194	7329	100	159	5.211	No	Yes	82.68119	141	5.541	No	Yes	14.02714	18	0.898	2.958333	0	2.432
331	Calibration	SEGWay	166	Saxmundham B1121 South Entrance	NB	Jan-16	ATC	No	3181-3182	3181	3182	213	179	2.407	Yes	Yes	175.6337	145	2.435	Yes	Yes	29.79685	23	1.304	7.458333	11	1.252
332	Calibration	SEGWay	166	Saxmundham B1121 South Entrance	SB	Jan-16	ATC	No	3182-3181	3182	3181	198	204	0.418	Yes	Yes	165.3268	164	0.098	Yes	Yes	28.04824	25	0.572	4.5	15	3.277
333	Calibration	SEGWay	167	Friston B1121 Saxmundham Rd	NB	Jan-16	ATC	No	5501-7350	5501	7350	40	29	1.769	Yes	Yes	31.98597	26	1.098	Yes	Yes	5.426528	3	1.470	2.4625	1	1.213
334	Calibration	SEGWay	167	Friston B1121 Saxmundham Rd	SB	Jan-16	ATC	No	7350-5501	7350	5501	40	59	2.614	Yes	Yes	33.14729	53	3.051	Yes	Yes	5.623548	5	0.448	1.5625	1	0.566
335	Validation	SEGWay	168	Snape B1069 Bridge Rd	NB	Jan-16	ATC	No	7346-7363	7346	7363	162	114	4.022	Yes	Yes	132.5891	88	4.217	Yes	Yes	22.49419	23	0.005	6.5	4	1.315
336	Validation	SEGWay	168	Snape B1069 Bridge Rd	SB	Jan-16	ATC	No	7363-7346	7363	7346	159	215	4.093	Yes	Yes	130.4518	164	2.756	Yes	Yes	22.13158	39	2.996	6.291667	12	1.966
337	Calibration	SEGWay	169	Sudbourne B1084	EB	Jan-16	ATC	No	3166-5506	3166	5506	83	66	1.992	Yes	Yes	68.46758	54	1.826	Yes	Yes	11.61575	11	0.198	3.208333	1	1.557
338	Calibration	SEGWay	169	Sudbourne B1084	WB	Jan-16	ATC	No	5506-3166	5506	3166	72	55	2.074	Yes	Yes	59.63305	50	1.351	Yes	Yes	10.11695	5	1.925	2.208333	1	1.041
339	Calibration	SEGWay	170	Wickham Market Ash Road	EB	Jan-16	ATC	No	3173-5485	3173	5485	196	119	6.125	No	Yes	166.3242	102	5.545	No	Yes	28.21746	17	2.378	1.458333	0	1.525
340	Calibration	SEGWay	170	Wickham Market Ash Road	WB	Jan-16	ATC	No	5485-3173	5485	3173	115	120	0.505	Yes	Yes	93.40374	108	1.430	Yes	Yes	15.84626	6	2.821	5.583333	6	0.230
343	Calibration	SEGWay	172	Wickham Market B1078	EB	Jan-16	ATC	No	3152-7308	3152	7308	144	111	2.881	Yes	Yes	119.7292	85	3.437	Yes	Yes	20.31246	21	0.203	3.541667	5	0.649
344	Calibration	SEGWay	172	Wickham Market B1078	WB	Jan-16	ATC	No	7308-3152	7308	3152	103	132	2.720	Yes	Yes	81.36314	99	1.871	Yes	Yes	13.80353	25	2.563	7.333333	8	0.132
345	Calibration	SEGWay	173	Wickham Market B1438	NB	Jan-16	ATC	No	5771-5466	5771	5466	128	86	4.013	Yes	Yes	105.3197	63	4.558	Yes	Yes	17.86783	14	0.905	4.5625	9	1.558
346	Calibration	SEGWay	173	Wickham Market B1438	SB	Jan-16	ATC	No	5466-5771	5466	5771	170	242	5.022	No	Yes	141.2277	186	3.525	Yes	Yes	23.95976	48	4.065	4.625	7	1.025
347	Calibration	SEGWay	174	Woodbridge A12	NB	Jan-16	ATC	No	3158-2995	3158	2995	689	701	0.474	Yes	Yes	531.8884	542	0.417	Yes	Yes	90.23665	107	1.662	66.75	53	1.764
348	Calibration	SEGWay	174	Woodbridge A12	SB	Jan-16	ATC	No	2995-3158	2995	3158	1064	1026	1.177	Yes	Yes	864.9999	829	1.233	Yes	Yes	146.7501	146	0.049	52.625	51	0.216
349	Calibration	SEGWay	175	Woodbridge A1152 Orford Road	EB	Jan-16	ATC	No	3163-5474	3163	5474	308	285	1.354	Yes	Yes	247.153	236	0.710	Yes	Yes	41.93034	43	0.201	19.04167	5	3.882
350	Calibration	SEGWay	175	Woodbridge A1152 Orford Road	WB	Jan-16	ATC	No	5474-3163	5474	3163	496	509	0.618	Yes	Yes	404.3933	428	1.174	Yes	Yes	68.60668	63	0.705	22.5	18	0.969
351	Calibration	SEGWay	176	Woodbridge Yarmouth Road	NB	Jan-16	ATC	No	1334-7374	1334	7374	241	176	4.496	Yes	Yes	200.6649	135	5.074	No	Yes	34.04347	22	2.248	5.791667	19	3.662
352	Calibration	SEGWay	176	Woodbridge Yarmouth Road	SB	Jan-16	ATC	No	7374-1334	7374	1334	259	264	0.312	Yes	Yes	216.1253	208	0.525	Yes	Yes	36.66638	45	1.267	5.833333	10	1.615
353	Validation	SEGWay	177	Woodbridge A1152 Woods Lane	EB	Jan-16	ATC	No	5449-1335	5449	1335	614	464	6.457	No	No	503.3543	344	7.730	No	No	85.39574	83	0.314	25.5	38	2.146
354	Validation	SEGWay	177	Woodbridge A1152 Woods Lane	WB	Jan-16	ATC	No	1335-5449	1335	5449	677	680	0.120	Yes	Yes	552.621	586	1.395	Yes	Yes	93.75401	80	1.443	30.91667	14	3.511
355	Validation	SEGWay	178	Woodbridge Burkitt Road	EB	Jan-16	ATC	No	5446-6012	5446	6012	191	317	7.882	No	No	161.8357	281	8.032	No	No	27.45597	32	0.787	1.708333	3	1.070
356	Validation	SEGWay	178	Woodbridge Burkitt Road	WB	Jan-16	ATC	No	6012-5446	6012	5446	147	173	2.036	Yes	Yes	124.3602	158	2.864	Yes	Yes	21.09813	13	1.950	1.791667	2	0.182
357	Calibration		179	Woodbridge Ipswich Road	EB	Jan-16	ATC	No	50107-6014	50107	6014	614	521	3.902	Yes	Yes	515.1811	474	1.838	Yes	Yes	87.00221	44	5.309	11	2	3.413
358	Calibration		179	Woodbridge Ipswich Road	WB	Jan-16	ATC	No	6014-50107	6014	50107	420	309	5.797	No	No	350.1037	279	4.014	Yes	Yes	59.39627	25	5.227	10.5	5	1.968
359	Calibration	SEGWay	180	Woodbridge Grundisburgh Road	EB	Jan-16	ATC	No	0054-5005	50054	50053	386	374	0.608	Yes	Yes	322.4958	311	0.657	Yes	Yes	54.7125	48	0.944	8.666667	15	1.908
360	Calibration	SEGWay	180	Woodbridge Grundisburgh Road	WB	Jan-16	ATC	No	0053-5005	50053	50054	506	594	3.725	Yes	Yes	423.4517	544	5.500	No	No	71.84	40	4.296	10.95833	9	0.488
361	Calibration	SEGWay	181	Woodbridge B1083	NB	Jan-16	ATC	No	5946-3163	5946	3163	331	362	1.634	Yes	Yes	273.2291	302	1.711	Yes	Yes	46.35423	53	0.918	11.54167	6	1.693
362	Calibration	SEGWay	181	Woodbridge B1083	SB	Jan-16	ATC	No	3163-5946	3163	5946	244	230	0.867	Yes	Yes	201.8048	157	3.351	Yes	Yes	34.23686	60	3.800	7.583333	13	1.685
363	Validation	SEGWay	182	Woodbridge Melton Road	NB	Jan-16	ATC	No	5452-1337	5452	1337	317	263	3.204	Yes	Yes	265.1427	230	2.234	Yes	Yes	44.98234	30	2.526	7	3	1.770
364	Validation	SEGWay	182	Woodbridge Melton Road	SB	Jan-16	ATC	No	1337-5452	1337	5452	411	392	0.966	Yes	Yes	346.1139	345	0.045	Yes	Yes	58.71939	41	2.570	6.166667	6	0.164
367	Calibration		184	Yoxford A1120 Yoxford Rd	EB	Jan-16	ATC	No	5910-5534	5910	5534	112	110	0.210	Yes	Yes	89.41396	89	0.050	Yes	Yes	15.16938	15	0.090	7.166667	6	0.546
368	Calibration		184	Yoxford A1120 Yoxford Rd	WB	Jan-16	ATC	No	5534-5910	5534	5910	108	104	0.415	Yes	Yes	83.67864	83	0.027	Yes	Yes	14.19636	14	0.066	10.58333	7	1.283
369	Validation	SEGWay	185	Yoxford A12 Main Rd	NB	Jan-16	ATC	No	7306-7307	7306	7307	401	462	2.907	Yes	Yes	314.6944	368	2.892	Yes	Yes	53.38896	65	1.489	33.125	29	0.810
370	Validation	SEGWay	185	Yoxford A12 Main Rd	SB	Jan-16	ATC	No	7307-7306	7307	7306	477	521	1.968	Yes	Yes	380.1696	416	1.803	Yes	Yes	64.49705	78	1.588	32.125	27	1.002
371	Calibration	Beccles	186	Beccles A146 Norwich Road	EB	Jan-16	ATC	No	2851-2850	2851	2850	837	834	0.097	Yes	Yes	664.7269	662	0.091	Yes	Yes	112.7731	112	0.047	59.75	60	0.007
372	Calibration	Beccles	186	Beccles A146 Norwich Road	WB	Jan-16	ATC	No	2850-2851	2850	2851	834	834	0.002	Yes	Yes	670.9253	671	0.012	Yes	Yes	113.8247	114	0.022	49.625	50	0.003
373	Calibration	Beccles	187	Beccles A145 George Westwood Way	NB	Jan-16	ATC	No	2839-2845	2839	2845	418	407	0.574	Yes	Yes	341.3404	346	0.242	Yes	Yes	57.90955	40	2.513	19.16667	21	0.325
374	Calibration	Beccles	187	Beccles A145 George Westwood Way	SB	Jan-16	ATC	No	2845-2839	2845	2839	429	573	6.433	No	No	349.89	478	6.313	No	No	59.36001	59	0.009	19.75	35	2.947
375	Calibration	Beccles	188	Beccles B1062 Bungay Road	EB	Jan-16	ATC	No	2862-2827	2862	2827	242	258	1.018	Yes	Yes	193.754	213	1.345	Yes	Yes	32.87101	33	0.088	15.5	12	0.970
376	Calibration	Beccles	188	Beccles B1062 Bungay Road	WB	Jan-16	ATC	No	2827-2862	2827	2862	206	224	1.253	Yes	Yes	167.571	186	1.396	Yes	Yes	28.42899	28	0.136	9.875	10	0.168
377	Calibration	Beccles	189	Beccles A145 London Road	NB	Jan-16	ATC	No	2861-5652	2861	5652	241	143	7.064	No	Yes	192.5428	115	6.258	No	Yes	32.66553	17	3.102	15.75	11	1.316
378	Calibration	Beccles	189	Beccles A145 London Road	SB	Jan-16	ATC	No	5652-2861	5652	2861	221	197	1.665	Yes	Yes	177.6167	159	1.430	Yes	Yes	30.13327	29	0.179	12.91667	8	1.386
379	Validation	Beccles	190	Beccles Lowestoft Road	EB	Jan-16	ATC	No	2813-2814	2813	2814	363	326	2.002	Yes	Yes	302.1907	284	1.035	Yes	Yes	51.26766	36	2.300	9.5	5	1.555
380	Validation	Beccles	190	Beccles Lowestoft Road	WB	Jan-16	ATC	No	2814-2813	2814	2813	246	161	5.971	No	Yes	198.7056	144	4.209	Yes	Yes	33.71107	13	4.265	13.58333	4	3.180
381	Calibration	Beccles	191	Beccles A146	EB	Jan-16	ATC	No	2814-2815	2814	2815	737	723	0.502	Yes	Yes	580.3001	581	0.044	Yes	Yes	98.44987	97	0.114	58	45	1.885
382	Calibration	Beccles	191	Beccles A146	WB	Jan-16	ATC	No	2815-2814	2815	2814	843	844	0.024	Yes	Yes	677.5512	678	0.006	Yes	Yes	114.9488	115	0.004	50.75	51	0.071
383	Validation	Beccles	192	Beccles A145	NB	Jan-16	ATC	No	2824-2829	2824	2829	299	238	3.711	Yes	Yes	241.952	196	3.139	Yes	Yes	41.04797	31	1.721	15.58333	12	1.098
385	Calibration	Beccles	193	Beccles B1127 Benacre Road	EB	Jan-16	ATC	No	2816-3993	2816	3993	182	181	0.066	Yes	Yes	142.7773	142	0.035	Yes	Yes	24.22266	24	0.103	15.125	15	0.007
386	Calibration	Beccles	193	Beccles B1127 Benacre Road	WB	Jan-16	ATC	No	3993-2816	3993	2816	210	210	0.006	Yes	Yes	167.6779	168	0.025	Yes	Yes	28.44712	28	0.086	13.75	14	0.061
387	Calibration	Beccles	194	Beccles Copland Way	NB	Jan-16	ATC	No	3617-2815	3617	2815	272	260	0.753	Yes	Yes	210.3187	209	0.119	Yes	Yes	35.68128	36	0.047	26.33333	16	2.368
388	Calibration	Beccles	194	Beccles Copland Way	SB	Jan-16	ATC	No	2815-3617	2815	3617	300	290	0.616	Yes	Yes	247.6517	248	0.052	Yes	Yes	42.01495	29	2.129	10.41667	12	0.395
389	Calibration	Beccles	195	Beccles Bridge Street	EB	Jan-16	ATC	No	2852-2847	2852	2847	232	167	4.626	Yes	Yes	190.1561	120	5.659	No	Yes	32.26061	47	2.377	9.916667	0	4.453
390	Calibration	Beccles	195	Beccles Bridge Street	WB	Jan-16	ATC	No	2847-2852	2847	2852	192	202	0.766	Yes	Yes	162.1563	156	0.520	Yes	Yes	27.51036	47	3.167	2	0	2.000
391	Calibration	Waveney	196	Bungay A144 Broad Street	NB	Jan-16	ATC	No	5686-3237	5686	3237	87	173	7.557	No	Yes	67.00703	151	8.044	No	Yes	11.36797	17	1.464	8.791667	6	1.201
392	Calibration	Waveney	196	Bungay A144 Broad Street	SB	Jan-16	ATC	No	3237-5686	3237	5686	423	420	0.136	Yes	Yes	350.1394	348	0.090	Yes	Yes	59.40232	59	0.056	13.16667	12	0.192
393	Calibration	Waveney	197	Bungay Beccles Road	EB	Jan-16	ATC	No	4593-3234	4593	3234	101	95	0.571	Yes	Yes	80.97128	81	0.007	Yes	Yes	13.73705	14	0.121	6.166667	0	3.512
394	Calibration	Waveney	197	Bungay Beccles Road	WB	Jan-16	ATC	No	3234-4593	3234	4593	104	100	0.358	Yes	Yes	87.45469	87	0.053	Yes	Yes	14.83698	13	0.479	1.333333	0	1.633
395	Calibration	Waveney	198	Bungay Flixton Road	NB	Jan-16	ATC	No	3236-4601	3236	4601	116	113	0.256	Yes	Yes	95.22052	95	0.026	Yes	Yes	16.15448	16	0.039	4.666667	2	1.249
396	Calibration	Waveney	198	Bungay Flixton Road	SB	Jan-16	ATC	No	4601-3236	4601	3236	30	30	0.073	Yes	Yes	24.57993	25	0.090	Yes	Yes	4.170068	4	0.079	1.208333	1	0.097
397	Calibration	Waveney	199	Bungay A144 St John's Road	NB	Jan-16	ATC	No	3235-5698	3235	5698	347	323	1.296	Yes	Yes	287.2646	285	0.114	Yes	Yes	48.7354	33	2.463	10.91667	5	2.152
398	Calibration	Waveney	199	Bungay A144 St John's Road	SB	Jan-16	ATC	No	5698-3235	5698	3235	295	298	0.200	Yes	Yes	245.7637	246	0.007	Yes	Yes	41.69464	42	0.055	7.041667	10	1.018
399	Calibration	Waveney	200	Bungay Flixton Road	EB	Jan-16	ATC	No	3242-3236	3242	3236	155	155	0.033	Yes	Yes	121.9735	122	0.004	Yes	Yes	20.69321	21	0.067	12.29167	12	0.043

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
400	Calibration	Waveney	200	Bungay Flixton Road	WB	Jan-16	ATC	No	3236-3242	3236	3242	113	112	0.036	Yes	Yes	89.34271	89	0.041	Yes	Yes	15.15729	15	0.043	8.25	8	0.059
401	Calibration	Waveney	201	Bungay Watch House Hill	EB	Jan-16	ATC	No	4550-3995	4550	3995	220	220	0.020	Yes	Yes	176.263	176	0.018	Yes	Yes	29.90362	30	0.050	13.45833	14	0.068
402	Calibration	Waveney	201	Bungay Watch House Hill	WB	Jan-16	ATC	No	3995-4550	3995	4550	217	217	0.025	Yes	Yes	179.3266	179	0.028	Yes	Yes	30.42337	30	0.081	7.541667	8	0.164
403	Validation	Waveney	202	Bungay A144	EB	Jan-16	ATC	No	3985-5784	3985	5784	251	327	4.420	Yes	Yes	198.8837	270	4.619	Yes	Yes	33.74129	45	1.728	18.79167	12	1.609
404	Validation	Waveney	202	Bungay A144	WB	Jan-16	ATC	No	5784-3985	5784	3985	255	335	4.671	Yes	Yes	203.9422	292	5.580	No	Yes	34.59948	36	0.249	16	7	2.712
405	Calibration	Waveney	203	Halesworth A144	NB	Jan-16	ATC	No	4535-3983	4535	3983	222	282	3.797	Yes	Yes	172.9501	243	4.841	Yes	Yes	29.34157	32	0.533	19.33333	7	3.455
406	Calibration	Waveney	203	Halesworth A144	SB	Jan-16	ATC	No	3983-4535	3983	4535	266	267	0.083	Yes	Yes	209.5706	215	0.379	Yes	Yes	35.55436	39	0.552	20.375	13	1.849
407	Calibration	Waveney	204	Halesworth B1123 Holton Road	EB	Jan-16	ATC	No	5580-3220	5580	3220	197	200	0.266	Yes	Yes	162.6907	163	0.018	Yes	Yes	27.60102	28	0.083	6.25	9	1.105
408	Calibration	Waveney	204	Halesworth B1123 Holton Road	WB	Jan-16	ATC	No	3220-5580	3220	5580	197	195	0.105	Yes	Yes	162.3344	162	0.022	Yes	Yes	27.54058	28	0.091	6.75	5	0.687
409	Calibration	Waveney	205	Halesworth Walpole Road	NB	Jan-16	ATC	No	5416-5576	5416	5576	93	93	0.013	Yes	Yes	76.23341	76	0.002	Yes	Yes	12.93325	13	0.007	3.833333	4	0.041
410	Calibration	Waveney	205	Halesworth Walpole Road	SB	Jan-16	ATC	No	5576-5416	5576	5416	81	80	0.053	Yes	Yes	64.37092	64	0.048	Yes	Yes	10.92074	11	0.027	5.375	5	0.080
411	Validation	Waveney	206	Halesworth A144 Bramfield Road	NB	Jan-16	ATC	No	5858-5578	5858	5578	159	196	2.803	Yes	Yes	128.2431	148	1.711	Yes	Yes	21.75688	29	1.364	8.75	19	2.776
412	Validation	Waveney	206	Halesworth A144 Bramfield Road	SB	Jan-16	ATC	No	5578-5858	5578	5858	226	166	4.230	Yes	Yes	178.6498	131	3.798	Yes	Yes	30.30854	33	0.395	16.625	2	4.575
413	Validation	Waveney	207	Kessingland B1437 London Road	NB	Jan-16	ATC	No	6316-4501	6316	4501	229	72	12.771	No	No	186.38	68	10.503	No	No	31.61999	4	6.502	10.83333	0	4.593
414	Validation	Waveney	207	Kessingland B1437 London Road	SB	Jan-16	ATC	No	4501-6316	4501	6316	134	18	13.403	No	No	111.1797	12	12.581	No	Yes	18.862	5	3.983	4.416667	0	2.780
415	Calibration	Waveney	208	Southwold A1095 Mights Road	NB	Jan-16	ATC	No	4574-5657	4574	5657	162	156	0.486	Yes	Yes	132.6248	133	0.035	Yes	Yes	22.50024	23	0.088	6.958333	0	3.731
416	Calibration	Waveney	208	Southwold A1095 Mights Road	SB	Jan-16	ATC	No	5657-4574	5657	4574	439	417	1.028	Yes	Yes	361.325	361	0.019	Yes	Yes	61.3	42	2.682	16.125	15	0.413
417	Calibration	Waveney	209	Southwold B1126 Wangford Road	EB	Jan-16	ATC	No	4569-5408	4569	5408	77	75	0.218	Yes	Yes	63.37348	63	0.047	Yes	Yes	10.75152	11	0.075	2.458333	1	1.413
418	Calibration	Waveney	209	Southwold B1126 Wangford Road	WB	Jan-16	ATC	No	5408-4569	5408	4569	72	70	0.273	Yes	Yes	59.66868	60	0.045	Yes	Yes	10.12299	10	0.036	2.541667	0	2.255
419	Calibration	Waveney	210	Southwold A1095 Halesworth Road	EB	Jan-16	ATC	No	4568-4572	4568	4572	182	62	10.880	No	No	146.1615	49	9.794	No	Yes	24.7968	7	4.538	10.75	6	1.808
420	Calibration	Waveney	210	Southwold A1095 Halesworth Road	WB	Jan-16	ATC	No	4572-4568	4572	4568	202	82	10.048	No	No	166.6448	75	8.378	No	Yes	28.27185	8	4.884	7.083333	0	3.764
421	Calibration	Waveney	211	Southwold B1127 Lowestoft Road	NB	Jan-16	ATC	No	4610-3228	4610	3228	111	138	2.390	Yes	Yes	91.90757	116	2.324	Yes	Yes	15.59243	22	1.493	3.5	0	2.646
422	Calibration	Waveney	211	Southwold B1127 Lowestoft Road	SB	Jan-16	ATC	No	3228-4610	3228	4610	269	303	1.973	Yes	Yes	220.3644	253	2.151	Yes	Yes	37.38557	38	0.173	11.625	11	0.244
423	Calibration	Waveney	212	Wangford A12	NB	Jan-16	ATC	No	3223-3233	3223	3233	305	351	2.537	Yes	Yes	238.5322	262	1.506	Yes	Yes	40.46779	53	1.860	26.375	36	1.689
424	Calibration	Waveney	212	Wangford A12	SB	Jan-16	ATC	No	3233-3223	3233	3223	348	356	0.388	Yes	Yes	277.0051	280	0.157	Yes	Yes	46.99485	46	0.181	24.25	30	1.130
427	Calibration		214	Stratford St Mary B1029	EB	Jan-16	ATC	No	3673-3120	3673	3120	64	69	0.654	Yes	Yes	52.65093	58	0.696	Yes	Yes	8.932407	9	0.023	2.083333	2	0.062
428	Calibration		214	Stratford St Mary B1029	WB	Jan-16	ATC	No	3120-3673	3120	3673	255	186	4.598	Yes	Yes	208.965	142	5.072	No	Yes	35.45162	34	0.241	10.33333	11	0.092
429	Calibration		215	RAF Mildenhall A1101	EB	Jan-16	ATC	No	3802-1350	3802	1350	549	489	2.609	Yes	Yes	455.37	406	2.364	Yes	Yes	77.25504	62	1.814	16.16667	21	1.108
430	Calibration		215	RAF Mildenhall A1101	WB	Jan-16	ATC	No	1350-3802	1350	3802	219	203	1.128	Yes	Yes	176.1206	166	0.788	Yes	Yes	29.87944	27	0.611	12.95833	10	0.830
433	Calibration		217	Lackford A1101	NB	Jan-16	ATC	No	2231-5924	2231	5924	182	238	3.869	Yes	Yes	145.9122	184	2.976	Yes	Yes	24.75449	41	2.835	10.83333	12	0.446
434	Calibration		217	Lackford A1101	SB	Jan-16	ATC	No	5924-2231	5924	2231	222	217	0.312	Yes	Yes	177.0111	174	0.219	Yes	Yes	30.03053	28	0.337	14.70833	15	0.025
435	Calibration		218	Moulton B1506	EB	Jan-16	ATC	No	2534-3311	2534	3311	250	249	0.039	Yes	Yes	207.1554	207	0.039	Yes	Yes	35.14461	35	0.036	7.7	8	0.056
436	Calibration		218	Moulton B1506	WB	Jan-16	ATC	No	3311-2534	3311	2534	256	257	0.042	Yes	Yes	213.5319	214	0.065	Yes	Yes	36.22641	36	0.011	6.366667	6	0.087
437	Validation	Newmarket	219	Newmarket B1061 Dullingham Road	NB	Jan-16	ATC	No	5850-2468	5850	2468	251	230	1.375	Yes	Yes	200.3443	181	1.422	Yes	Yes	33.98908	33	0.195	16.66667	16	0.139
438	Validation	Newmarket	219	Newmarket B1061 Dullingham Road	SB	Jan-16	ATC	No	2468-5850	2468	5850	178	126	4.252	Yes	Yes	144.8435	101	3.996	Yes	Yes	24.57318	19	1.192	8.958333	6	0.949
439	Calibration		220	Scole A140 Scole Bridge	NB	Jan-16	ATC	No	3245-3247	3245	3247	672	780	4.018	Yes	No	512.3313	590	3.321	Yes	Yes	86.91872	117	2.945	72.875	73	0.068
440	Calibration		220	Scole A140 Scole Bridge	SB	Jan-16	ATC	No	3247-3245	3247	3245	650	651	0.029	Yes	Yes	507.9496	508	0.005	Yes	Yes	86.17536	85	0.078	56.125	57	0.178
441	Validation	SEGWay	221	Wickham Market B1078	EB	Jan-16	ATC	No	5945-3169	5945	3169	40	60	2.852	Yes	Yes	31.08115	51	3.058	Yes	Yes	5.273021	9	1.392	3.3125	0	2.392
442	Validation	SEGWay	221	Wickham Market B1078	WB	Jan-16	ATC	No	3169-5945	3169	5945	55	81	3.169	Yes	Yes	45.98941	74	3.658	Yes	Yes	7.802258	4	1.433	1.375	3	0.926
443	Calibration		222	Stutton Holbrook Road	EB	Jan-16	ATC	No	3105-3663	3105	3663	133	75	5.633	No	Yes	108.2823	61	5.124	No	Yes	18.37046	11	1.988	5.958333	3	1.240
444	Calibration		222	Stutton Holbrook Road	WB	Jan-16	ATC	No	3663-3105	3663	3105	158	71	8.121	No	Yes	130.238	61	7.099	No	Yes	22.09532	10	3.025	5.291667	0	3.253
449	Calibration	Sudbury	05.05	Sudbury Cats Lane	NB	Jan-16	ATC	No	2665-2667	2665	2667	120	115	0.450	Yes	Yes	100.0831	101	0.135	Yes	Yes	16.97943	14	0.867	2.9375	0	2.313
450	Calibration	Sudbury	05.05	Sudbury Cats Lane	SB	Jan-16	ATC	No	2667-2665	2667	2665	101	82	1.958	Yes	Yes	83.78551	68	1.865	Yes	Yes	14.21449	14	0.052	2.625	0	1.883
453	Calibration	Sudbury	226	Sudbury Acton Lane	NB	Jan-16	ATC	No	3530-5830	3530	5830	68	7	10.037	No	Yes	56.85445	6	9.079	No	Yes	9.645549	1	3.933	1.5	0	1.732
454	Calibration	Sudbury	226	Sudbury Acton Lane	SB	Jan-16	ATC	No	5830-3530	5830	3530	109	36	8.620	No	Yes	91.90757	35	7.207	No	Yes	15.59243	1	4.908	1.958333	0	1.908
455	Calibration	Sudbury	227	Sudbury Valley Road	NB	Jan-16	ATC	No	5834-3546	5834	3546	179	203	1.761	Yes	Yes	150.4719	174	1.853	Yes	Yes	25.52807	26	0.093	2.5	3	0.142
456	Calibration	Sudbury	227	Sudbury Valley Road	SB	Jan-16	ATC	No	3546-5834	3546	5834	214	225	0.707	Yes	Yes	181.1434	181	0.008	Yes	Yes	30.73159	32	0.157	2.25	12	3.638
457	Calibration	Sudbury	228	Sudbury Melford Road	NB	Jan-16	ATC	No	5830-5829	5830	5829	219	228	0.596	Yes	Yes	187.235	186	0.071	Yes	Yes	31.76504	32	0.019	0	10	4.421
458	Calibration	Sudbury	228	Sudbury Melford Road	SB	Jan-16	ATC	No	5829-5830	5829	5830	148	160	0.995	Yes	Yes	120.5485	121	0.069	Yes	Yes	20.45146	21	0.053	7.125	18	3.174
459	Validation	Sudbury	229	Newton A134	EB	Jan-16	ATC	No	5834-2787	5834	2787	677	791	4.214	Yes	No	553.3691	627	3.013	Yes	Yes	93.88092	123	2.762	30	42	2.040
460	Validation	Sudbury	229	Newton A134	WB	Jan-16	ATC	No	2787-5834	2787	5834	667	728	2.322	Yes	Yes	543.7508	564	0.862	Yes	Yes	92.24916	123	3.001	30.875	41	1.654
462	Calibration	A14	0	MIDAS site at A14/1439A priority 1 on link 106033	EB	Jan-16	TRADS	No	2206-2085	2206	2085	1752	1749	0.068	Yes	Yes	1329.25	1342	0.347	Yes	Yes	165.25	160	0.374	257.1667	246	0.678
468	Calibration	A14	0	A14 TMU Site 6301/1 on link A14 J43 westbound exi	WB	Jan-16	TRADS	No	2090-2089	2090	2089	937	881	1.872	Yes	Yes	740.5	747	0.256	Yes	Yes	42.75	69	3.456	154	65	8.528
469	Calibration	A14	0	A14 TMU Site 6302/1 on link A14 J43 eastbound exi	EB	Jan-16	TRADS	No	2085-2086	2085	2086	547	532	0.633	Yes	Yes	444.9167	389	2.725	Yes	Yes	32.66667	83	5.621	69.41667	60	1.171
470	Calibration	A14	0	A14 TMU Site 6302/2 on link A14 eastbound within J	EB	Jan-16	TRADS	No	2092-2091	2092	2091	1228	1217	0.332	Yes	Yes	975.0833	953	0.721	Yes	Yes	74.75	77	0.311	178.3333	186	0.598
471	Calibration	A14	0	MIDAS site at A14/1469L priority 1 on link 106035	WB	Jan-16	TRADS	No	2104-2101	2104	2101	796	766	1.091	Yes	Yes	682	691	0.346	Yes	Yes	63.91667	61	0.360	50.41667	14	6.482
473	Calibration	A14	0	A14 TMU Site 6299/2 on link A14 westbound within J	WB	Jan-16	TRADS	No	2104-2105	2104	2105	2208	2318	2.313	Yes	Yes	1788.146	1880	2.152	Yes	Yes	124.2083	111	1.241	295.25	327	1.774
474	Calibration	A14	0	A14 TMU Site 6300/1 on link A14 J44 eastbound exi	EB	Jan-16	TRADS	No	2096-2098	2096	2098	730	712	0.695	Yes	Yes	602.5	597	0.235	Yes	Yes	46.75	64	2.319	81.08333	51	3.713
475	Calibration	A14	0	A14 TMU Site 6300/2 on link A14 eastbound within J	EB	Jan-16	TRADS	No	2096-2106	2096	2106	1089	1048	1.271	Yes	Yes	788.4167	768	0.741	Yes	Yes	87.58333	88	0.050	213.1667	192	1.499
476	Calibration	A14	0	A14 TMU Site 6303/1 on link A14 J42 westbound exi	WB	Jan-16	TRADS	No	2203-2196	2203	2196	607	524	3.496	Yes	Yes	543.8333	481	2.784	Yes	Yes	30.33333	30	0.110	33	13	4.050
477	Calibration	A14	0	A14 TMU Site 6303/2 on link A14 westbound within J	WB	Jan-16	TRADS	No	2203-2201	2203	2201	1829	1916	2.011	Yes	Yes	1413.083	1463	1.317	Yes	Yes	106.9167	107	0.052	309.3333	346	2.020
478	Calibration	A14	0	A14 TMU Site 6304/1 on link A14 J42 eastbound exi	EB	Jan-16	TRADS	No	2192-2194	2192	2194	638	670	1.264	Yes	Yes	575.8333	575	0.025	Yes	Yes	25.66667	59	5.082	36.08333	36	0.015
479	Calibration	A14	0	A14 TMU Site 6304/2 on link A14 eastbound within J	EB	Jan-16	TRADS	No	2192-2202	2192	2202	1387	1394	0.195	Yes	Yes	1050	1054	0.109	Yes	Yes	107.8333	110	0.226	228.9167	230	0.092
480	Calibration	A14	0	MIDAS site at A14/1241A priority 1 on link 106026	EB	Jan-16	TRADS	No	2520-2525	2520	2525	2102	2174	1.553	Yes	Yes	1519.833	1587	1.709	Yes	Yes	207.4167	206	0.084	375.0833	381	0.292
481	Calibration	A14	0	MIDAS site at A14/1254A priority 1 on link 106031	EB	Jan-16	TRADS	No	2526-2536	2526	2536	1132	1193	1.783	Yes	Yes	857	860	0.102	Yes	Yes	82.41667	108	2.606	192.5	225	2.241
483	Calibration	A14	0	MIDAS site at A14/1254J priority 1 on link 106026	NB	Jan-15	TRADS	No	2526-2530	2526	2530	946	981	1.127	Yes	Yes	728.7486	727	0.057	Yes	Yes	65.99256	98	3.573	151.7421	156	0.334
484	Calibration	A14	0	MIDAS site at A14/1218L priority 1 on link 106027	WB	Jan-16	TRADS	No	2508-2506	2508	2506	732	706	0.949	Yes	Yes	598.7917	584	0.594	Yes	Yes	64.625	65	0.065	68.375	57	1.456
485	Calibration	A14	0	MIDAS site at A14/1255B priority 1 on link 106026	WB	Jan-16	TRADS	No	2527-2523	2527	2523	1805	2055	5.680	No	Yes	1372.083	1579	5.386	No	No	118.5	119	0.044	314.5833	357	2.300
486	Calibration	A14	0	MIDAS site at A14/1241B priority 1 on link 106027	WB	Jan-16	TRADS	No	2524-2521	2524	2521	3679	3778	1.619	Yes	Yes	2954.25	3019	1.185	Yes	Yes	230	230	0.004	494.8333	529	1.510
487	Calibration	A14	0	A14 TMU Site 9942/1 on link A14 J49 eastbound exi	EB	Jan-15	TRADS	No	2363-2364	2363	2364	263	325	3.612	Yes	Yes	227.7314	255	1.749	Yes	Yes	15.42974	50	6.068	20.25316	20	0.011
488	Calibration	A14	0	A14 TMU Site 9942/2 on link A14 eastbound within J	EB	Jan-15	TRADS	No	2367-2370	2367	2370	1316	1321	0.151	Yes	Yes	1017.397	1017	0.022	Yes	Yes	112.1227	112	0.030	186.3291	193	0.473
489	Calibration	A14	0	A14 TMU Site 6295/1 on link A14 J51 westbound exi	WB	Jan-16	TRADS	No	5752-5754	5752	5754	675	675	0.010	Yes	Yes	502.8333	508	0.239	Yes	Yes	67.75	71	0.343	104.5833	96	0.846
490	Calibration	A14	0	A14 TMU Site 6296/1 on link A14 J51 eastbound exi	EB	Jan-15	TRADS	No	5761-5757	5761	5757	299	262	2.192	Yes	Yes	238.5757	229	0.633	Yes	Yes	22.63028	23	0.082	37.46834	10	5.622
491	Calibration	A14	0	MIDAS site at A14/1800A priority 1 on link 106045	EB	Jan-16	TRADS	No	50087-50010	50087	50010	2900	2962	1.156	Yes	Yes	2412.167	2412	0.009	Yes	Yes	176.4167	239	4.357	311.25	311	0.012
519	Calibration	A14	0	A14 TMU Site 6285/1 on link A14 J58 eastbound exi	EB	Jan-16	TRADS	No	30090-30077	30090	30771	1364	1204	4.485	Yes	Yes	1154.333	913	7.511	No	No	87.83333	216	10.408	122.25	75	4.789
523	Calibration	A14	0	MIDAS site at A14/2057A priority 1 on link 199136	EB	Jan-16	TRADS	No	2957-2954	2957	2954	1479	1520	1.064	Yes	Yes	1133.25	1112	0.647	Yes	Yes	142.1667	233	5.624	203.3333	176	2.022
524	Calibration	A14	0	MIDAS site at A14/2068L priority 1 on link 199136	WB	Jan-16	TRADS	No	2943-2947	2943	2947	163	159	0.328	Yes	Yes	152.6667	154	0.075	Yes	Yes	5.166667	5	0.074	4.916667	0	3.136
525	Calibration	A14	0	MIDAS site at A14/2060J priority 1 on link 199136	EB	Jan-16	TRADS	No	2954-2951	2954	2951	132	119	1.168	Yes	Yes	106.2083	104	0.213	Yes	Yes	14.70833	15	0.081	11.20833	0	4.735
526	Calibration	A14	0	MIDAS site at A14/2070B priority 1 on link 199135	WB	Jan-16	TRADS	No	2946-2943	2946	2943	1427	1529	2.659	Yes	Yes	1118.417	1115	0.110	Yes	Yes	46.375	116	7.740	261.875	298	2.158
527	Calibration	A14	0	MIDAS site at A14/2087B priority 1 on link 106050	WB	Jan-16	TRADS	No	2895-2915	2895	2915	786	797	0.375	Yes	Yes	469.3333	468	0.081	Yes	Yes	65.45833	61	0.556	251.6667	268	1.037
529	Calibration	A14	0	MIDAS site at A14/2098A priority 1 on link 106051	EB	Jan-16	TRADS	No	2889-2971	2889	2971	594	419	7.789	No	No	504.75	330	8.569	No	No	33.25	33	0.035	56.08333	56	0.005
530	Calibration	A14	0	MIDAS site at A14/2102B priority 1 on link 106051	WB	Jan-16	TRADS	No	2903-2970	2903	2970	252	274	1.365	Yes	Yes	142.7917	143	0.008	Yes	Yes	14	22	1.932	95.16667	109	1.367
531	Calibration	A14	0	MIDAS site at A14/1449B priority 1 on link 106033	WB	Jan-16	TRADS	No	2240-2090	2240	2090	2823	2823	0.015	Yes	Yes	2320.292	2292	0.595	Yes	Yes	151.125	156	0.360	351.0833	376	1.307
532	Calibration	A11	0	e 6320/1 on link A11 northbound between A134 and	NB	Jan-16	TRADS	No	3271-3267	3271	3267	1134	1108	0.759	Yes	Yes	831.5833	854	0.780	Yes	Yes	98.58333	99	0.038	203.5	155	3.618
533	Calibration	A11	0	e 6321/1 on link A11 southbound between A134/A10	SB	Jan-16	TRADS	No	3267-3271	3267	3271	1651	1608	1.060	Yes	Yes	1330.583	1352	0.576	Yes	Yes	114.9167	114	0.065	205.4167	142	4.794
534	Calibration	A11	0	Site 6360/1 on link A11 northbound between A1075	NB	Jan-16	TRADS	No	3266-1003	3266	1003	1062	1074	0.367	Yes	Yes	807.25	816	0.320	Yes	Yes	92.25	92	0.028	162.9167	166	0.245
535	Calibration	A11	0	Site 6499/1 on link A11 southbound between B111 a	SB	Jan-16	TRADS	No	1003-3266	1003	3266	1387	1414	0.712	Yes	Yes	1151.583	1169	0.497	Yes	Yes	92.66667	93	0.002	143	153	0.799
538	Calibration	A12	0	4U Site 6276/3 on link A12 northbound access from	NB	Jan-16	TRADS	No	3110-3111	3110	3111	257	251	0.385	Yes	Yes	219	219	0.024	Yes	Yes	19.5	20	0.188	18.33333	11	1.914
542	Calibration	A12	0	Site 6338/1 on link A12 southbound between B1370	SB	Jan-16	TRADS	No	5981-6330	5981	6330	1205	1248	1.238	Yes	Yes	1082.875	1084	0.032	Yes	Yes	61.5	129	6.926	60.375	35	3.665
543	Calibration	A12	0	Site 6338/2 on link A12 northbound between B1375 a	NB	Jan-16	TRADS	No	6330-5981	6330	5981	1616	1653	0.899	Yes	Yes	1481.875	1483	0.041	Yes	Yes	75.875	128	5.189	58.5	41	2.506
544	Calibration	Lowestoft	0	Site 6339/1 on link A12 southbound between B1375	SB	Jan-16	TRADS	No	10257-6230	10257	6230	586	626	1.632	Yes	Yes	523.25	514	0.397	Yes	Yes	31.5	94	7.847	30.91667	18	2.594
545	Calibration	Lowestoft	0	Site 6339/2 on link A12 northbound between A1117 a	NB	Jan-16	TRADS	No	6230-10257	6230	10257	574	594	0.843	Yes	Yes	522.75	504	0.848	Yes	Yes	25.16667	70	6.496	25.66667	20	1.090
548	Calibration	Lowestoft	1	Mutfordwood Lane	EB	Jan-15	ATC	No	4567-5070	4567	5070	19	48	5.075	No	Yes	15.7372	42	4.820	Yes	Yes	2.563042	7	1.886	0.478363	0	0.978

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
549	Calibration	Lowestoft	1	Mutfordwood Lane	WB	Jan-15	ATC	No	5070-4567	5070	4567	14	22	1.832	Yes	Yes	11.579	19	1.923	Yes	Yes	1.885816	2	0.267	0.351966	0	0.430
550	Calibration	Lowestoft	2	Rushmere Road	EB	Jan-15	ATC	No	4566-5000	4566	5000	34	0	8.271	No	Yes	28.66389	0	7.572	No	Yes	4.668349	0	3.056	0.871295	0	1.320
551	Calibration	Lowestoft	2	Rushmere Road	WB	Jan-15	ATC	No	5000-4566	5000	4566	44	0	9.366	No	Yes	36.75853	0	8.574	No	Yes	5.986683	0	3.460	1.117348	0	1.495
552	Calibration	Lowestoft	3	Gisleham Road	NB	Jan-15	ATC	No	9600-5010	9600	5010	20	19	0.352	Yes	Yes	17.1318	17	0.003	Yes	Yes	2.790174	1	0.952	0.520755	0	0.255
553	Calibration	Lowestoft	3	Gisleham Road	SB	Jan-15	ATC	No	5010-9600	5010	9600	17	22	1.032	Yes	Yes	14.52599	20	1.395	Yes	Yes	2.365778	1	1.147	0.441546	1	0.285
554	Calibration	Lowestoft	4	A146 Beccles Road	EB	Jan-15	ATC	No	4512-2000	4512	2000	634	751	4.449	Yes	No	531.4185	610	3.293	Yes	Yes	86.54956	105	1.921	16.15351	36	3.849
555	Calibration	Lowestoft	4	A146 Beccles Road	WB	Jan-15	ATC	No	2000-4512	2000	4512	665	812	5.418	No	No	557.1994	668	4.467	Yes	No	90.74836	107	1.645	16.93717	37	3.905
556	Validation	Lowestoft	5	A1145 Castleton Avenue	EB	Jan-15	ATC	No	5110-5060	5110	5060	437	439	0.060	Yes	Yes	366.5688	367	0.013	Yes	Yes	59.70129	50	1.359	11.14258	22	2.711
557	Validation	Lowestoft	5	A1145 Castleton Avenue	WB	Jan-15	ATC	No	5060-5110	5060	5110	341	399	3.029	Yes	Yes	285.4376	297	0.670	Yes	Yes	46.48784	77	3.908	8.676438	25	3.931
558	Calibration	Lowestoft	6	A12 London Road	NB	Jan-15	ATC	No	5390-1000	5390	1000	713	634	3.061	Yes	Yes	597.831	522	3.191	Yes	Yes	97.36584	81	1.682	18.17225	30	2.439
559	Calibration	Lowestoft	6	A12 London Road	SB	Jan-15	ATC	No	1000-5390	1000	5390	590	509	3.461	Yes	Yes	494.4699	410	3.974	Yes	Yes	80.53192	72	0.975	15.03038	27	2.593
560	Calibration	Lowestoft	7	London Road South	NEB	Jan-15	ATC	No	9606-1040	9606	1040	449	420	1.357	Yes	Yes	376.1096	369	0.359	Yes	Yes	61.25515	48	1.862	11.43259	4	2.762
561	Calibration	Lowestoft	7	London Road South	SWB	Jan-15	ATC	No	1040-9606	1040	9606	354	459	5.214	No	No	296.376	381	4.609	Yes	Yes	48.26933	75	3.363	9.008932	3	2.508
562	Calibration	Lowestoft	8	A12 Tom Crisp Way	NEB	Jan-15	ATC	No	3000-6314	3000	6314	817	909	3.143	Yes	Yes	684.5328	761	2.860	Yes	Yes	111.4865	114	0.244	20.80772	34	2.461
563	Calibration	Lowestoft	8	A12 Tom Crisp Way	SWB	Jan-15	ATC	No	6314-3000	6314	3000	378	400	1.122	Yes	Yes	316.6704	330	0.761	Yes	Yes	51.57457	58	0.865	9.625818	12	0.623
564	Calibration	Lowestoft	9	A1117 Elm Tree Road	NB	Jan-15	ATC	No	3030-3040	3030	3040	307	454	7.528	No	No	257.6008	380	6.851	No	No	41.95419	68	3.458	7.830282	7	0.364
565	Calibration	Lowestoft	9	A1117 Elm Tree Road	SB	Jan-15	ATC	No	3040-3030	3040	3030	356	438	4.134	Yes	Yes	298.3512	347	2.695	Yes	Yes	48.59101	68	2.490	9.06897	24	3.686
566	Calibration	Lowestoft	10	A146 Beccles Road	NEB	Jan-15	ATC	No	6406-6404	6406	6404	475	370	5.127	No	No	398.4599	294	5.609	No	No	64.89524	63	0.294	12.11197	13	0.362
567	Calibration	Lowestoft	10	A146 Beccles Road	SWB	Jan-15	ATC	No	6404-6406	6404	6406	432	309	6.399	No	No	361.7638	274	4.946	Yes	Yes	58.91871	24	5.419	10.99652	11	0.015
568	Calibration	Lowestoft	11	Kirkley Run	NWB	Jan-15	ATC	No	6398-5270	6398	5270	161	162	0.086	Yes	Yes	135.003	136	0.118	Yes	Yes	21.98729	22	0.019	4.103683	4	0.097
569	Calibration	Lowestoft	11	Kirkley Run	SEB	Jan-15	ATC	No	5270-6398	5270	6398	93	91	0.216	Yes	Yes	78.03563	77	0.138	Yes	Yes	12.70929	13	0.039	2.372047	1	0.733
570	Calibration	Lowestoft	12	A146 Waveney Drive	EB	Jan-15	ATC	No	4613-4010	4613	4010	344	425	4.126	Yes	Yes	288.2098	384	5.208	No	Yes	46.93933	31	2.481	8.760703	10	0.319
571	Calibration	Lowestoft	12	A146 Waveney Drive	WB	Jan-15	ATC	No	4010-4613	4010	4613	150	144	0.432	Yes	Yes	125.393	122	0.265	Yes	Yes	20.42214	22	0.332	3.811566	0	2.761
574	Calibration	Lowestoft	15	Katwijk Way	NB	Jan-15	ATC	No	6040-6431	6040	6431	408	302	5.600	No	No	341.8044	256	4.980	Yes	Yes	55.66803	34	3.249	10.38982	13	0.676
575	Calibration	Lowestoft	15	Katwijk Way	SB	Jan-15	ATC	No	6431-6040	6431	6040	133	266	9.445	No	No	111.4399	223	8.657	No	No	18.14967	35	3.285	3.387434	8	1.892
576	Calibration	Lowestoft	16	A12 Battery Green Road	NB	Jan-15	ATC	No	6160-6150	6160	6150	670	587	3.298	Yes	Yes	561.3576	511	2.193	Yes	Yes	91.42559	62	3.322	17.06357	14	0.702
577	Calibration	Lowestoft	16	A12 Battery Green Road	SB	Jan-15	ATC	No	6150-6160	6150	6160	566	338	10.767	No	No	474.659	284	9.767	No	No	77.30542	48	3.636	14.42819	5	3.165
578	Calibration	Lowestoft	17	A12 Old Nelson Street	NB	Jan-15	ATC	No	6140-6130	6140	6130	410	412	0.083	Yes	Yes	344.0023	346	0.125	Yes	Yes	56.02598	55	0.104	10.45663	11	0.042
579	Calibration	Lowestoft	17	A12 Old Nelson Street	SB	Jan-15	ATC	No	6130-6140	6130	6140	485	472	0.625	Yes	Yes	406.613	399	0.398	Yes	Yes	66.22309	64	0.232	12.3598	9	1.180
580	Calibration	Lowestoft	18	St Peter's Street	EB	Jan-15	ATC	No	6070-6075	6070	6075	651	613	1.512	Yes	Yes	545.8683	545	0.058	Yes	Yes	88.90292	66	2.659	16.59274	3	4.222
581	Calibration	Lowestoft	18	St Peter's Street	WB	Jan-15	ATC	No	6075-6070	6075	6070	299	286	0.737	Yes	Yes	250.3239	243	0.461	Yes	Yes	40.76904	41	0.005	7.609087	2	2.427
582	Calibration	Lowestoft	19	Denmark Road	EB	Jan-15	ATC	No	7200-10139	7200	10139	213	208	0.368	Yes	Yes	178.4332	173	0.374	Yes	Yes	29.06055	29	0.030	5.423827	5	0.095
583	Calibration	Lowestoft	19	Denmark Road	WB	Jan-15	ATC	No	10139-7200	10139	7200	301	299	0.134	Yes	Yes	252.5416	250	0.166	Yes	Yes	41.13023	41	0.006	7.676499	8	0.094
584	Calibration	Lowestoft	20	Rotterdam Road	NEB	Jan-15	ATC	No	7210-9130	7210	9130	135	117	1.625	Yes	Yes	113.288	90	2.300	Yes	Yes	18.45066	24	1.205	3.443611	3	0.338
585	Calibration	Lowestoft	20	Rotterdam Road	SWB	Jan-15	ATC	No	9130-7210	9130	7210	98	86	1.318	Yes	Yes	82.24004	66	1.851	Yes	Yes	13.39404	14	0.241	2.499848	5	1.259
586	Calibration	Lowestoft	21	Peto Way	NB	Jan-15	ATC	No	10190-7060	10190	7060	393	326	3.530	Yes	Yes	328.9602	258	4.135	Yes	Yes	53.57615	62	1.076	9.999391	6	1.503
587	Calibration	Lowestoft	21	Peto Way	SB	Jan-15	ATC	No	7060-10190	7060	10190	315	393	4.152	Yes	Yes	263.7226	341	4.440	Yes	Yes	42.95122	41	0.303	8.016366	11	0.928
588	Calibration	Lowestoft	22	A1117 Normanston Drive	NEB	Jan-15	ATC	No	7050-7060	7050	7060	681	945	9.254	No	No	571.0046	783	8.161	No	No	92.99676	135	3.896	17.35681	27	2.116
589	Calibration	Lowestoft	22	A1117 Normanston Drive	SWB	Jan-15	ATC	No	7060-7050	7060	7050	503	542	1.723	Yes	Yes	421.1429	438	0.820	Yes	Yes	68.58951	83	1.633	12.80147	21	1.988
590	Calibration	Lowestoft	23	A1144 Normanston Drive	EB	Jan-15	ATC	No	9240-9130	9240	9130	404	414	0.495	Yes	Yes	338.8936	349	0.540	Yes	Yes	55.19397	55	0.018	10.30134	10	0.041
591	Calibration	Lowestoft	23	A1144 Normanston Drive	WB	Jan-15	ATC	No	9130-9240	9130	9240	188	186	0.163	Yes	Yes	157.8039	157	0.050	Yes	Yes	25.70075	26	0.002	4.796758	3	0.799
592	Calibration	Lowestoft	24	Oulton Road	EB	Jan-15	ATC	No	9270-6309	9270	6309	472	470	0.086	Yes	Yes	395.7686	394	0.080	Yes	Yes	64.45692	64	0.058	12.03017	12	0.055
593	Calibration	Lowestoft	24	Oulton Road	WB	Jan-15	ATC	No	6309-9270	6309	9270	245	242	0.183	Yes	Yes	204.9533	203	0.145	Yes	Yes	33.37975	33	0.111	6.229958	6	0.059
594	Calibration	Lowestoft	25	B1375 Gorleston Road	NB	Jan-15	ATC	No	8030-8040	8030	8040	579	595	0.640	Yes	Yes	485.3218	510	1.111	Yes	Yes	79.04202	74	0.545	14.75231	10	1.273
595	Calibration	Lowestoft	25	B1375 Gorleston Road	SB	Jan-15	ATC	No	8040-8030	8040	8030	480	490	0.433	Yes	Yes	402.2766	415	0.605	Yes	Yes	65.51684	64	0.182	12.22799	11	0.358
596	Calibration	Lowestoft	26	A1117 Millennium Way	NB	Jan-15	ATC	No	7070-7080	7070	7080	373	371	0.095	Yes	Yes	312.3643	311	0.067	Yes	Yes	50.87326	50	0.090	9.494927	9	0.001
597	Calibration	Lowestoft	26	A1117 Millennium Way	SB	Jan-15	ATC	No	7080-7070	7080	7070	446	442	0.206	Yes	Yes	373.9057	366	0.410	Yes	Yes	60.89622	63	0.251	11.3656	13	0.450
598	Calibration	Lowestoft	27	A12 Yarmouth Road	NWB	Jan-15	ATC	No	10242-10248	10242	10248	456	447	0.440	Yes	Yes	382.4624	373	0.506	Yes	Yes	62.2898	61	0.195	11.6257	14	0.563
599	Calibration	Lowestoft	27	A12 Yarmouth Road	SEB	Jan-15	ATC	No	10248-10242	10248	10242	646	631	0.616	Yes	Yes	541.4906	532	0.417	Yes	Yes	88.18995	88	0.012	16.45967	11	1.575
600	Validation	Lowestoft	28	B1385 Corton Road	NB	Jan-15	ATC	No	9460-9480	9460	9480	95	98	0.229	Yes	Yes	79.94148	87	0.808	Yes	Yes	13.01968	10	0.871	2.429978	0	1.886
601	Validation	Lowestoft	28	B1385 Corton Road	SB	Jan-15	ATC	No	9480-9460	9480	9460	101	72	3.152	Yes	Yes	84.5155	59	3.075	Yes	Yes	13.76463	11	0.708	2.569015	2	0.511
604	Validation	Lowestoft	30	B1375 Parkhill	NB	Jan-15	ATC	No	6300-8070	6300	8070	458	454	0.183	Yes	Yes	383.525	396	0.617	Yes	Yes	62.46287	50	1.596	11.6558	8	1.319
605	Validation	Lowestoft	30	B1375 Parkhill	SB	Jan-15	ATC	No	8070-6300	8070	6300	249	276	1.657	Yes	Yes	208.8805	228	1.319	Yes	Yes	34.01935	41	1.074	6.349332	7	0.306
606	Calibration	Lowestoft	31	B1074 Bluderston Road	NB	Jan-15	ATC	No	6324-9440	6324	9440	178	230	3.657	Yes	Yes	149.1756	192	3.288	Yes	Yes	24.2008	34	1.872	4.594485	3	0.470
607	Calibration	Lowestoft	31	B1074 Bluderston Road	SB	Jan-15	ATC	No	9440-6324	9440	6324	112	142	2.635	Yes	Yes	93.76751	117	2.242	Yes	Yes	15.27146	19	0.873	2.850248	6	1.460
608	Calibration	Lowestoft	32	Fixton Road	NB	Jan-15	ATC	No	4563-5656	4563	5656	51	23	4.617	Yes	Yes	42.6909	16	4.839	Yes	Yes	6.95286	7	0.175	1.297674	0	1.611
609	Calibration	Lowestoft	32	Fixton Road	SB	Jan-15	ATC	No	5656-4563	5656	4563	83	23	8.259	No	Yes	69.85783	21	7.176	No	Yes	11.37741	2	3.779	2.123466	0	2.061
610	Calibration	Lowestoft	33	Coast Road	NB	Jan-15	ATC	No	9510-6326	9510	6326	61	51	1.313	Yes	Yes	51.04199	51	0.070	Yes	Yes	8.245234	0	3.725	1.538881	0	1.754
611	Calibration	Lowestoft	33	Coast Road	SB	Jan-15	ATC	No	6326-9510	6326	9510	50	0	9.939	No	Yes	41.92361	0	9.098	No	Yes	6.772266	0	3.672	1.263968	0	1.590
620	Calibration	Lowestoft	29	Asda Car Park	Entry	Jan-15	ANPR	No	4000-6381	4000	6381	227	226	0.069	Yes	Yes	190.4458	190	0.060	Yes	Yes	31.01698	31	0.014	5.788973	6	0.057
621	Calibration	Lowestoft	29	Asda Car Park	Exit	Jan-15	ANPR	No	6381-4000	6381	4000	167	168	0.095	Yes	Yes	139.7157	140	0.031	Yes	Yes	22.75481	23	0.032	4.246932	5	0.329
626	Validation	Ipswich	3	Hawthorn Drive	EB	Jan-15	ATC	No	0174-30173	30174	30173	362	191	10.296	No	No	295.7162	183	7.305	No	No	48.08934	8	7.670	18.35442	1	5.765
627	Validation	Ipswich	3	Hawthorn Drive	WB	Jan-15	ATC	No	0173-30174	30173	30174	163	53	10.597	No	No	137.2704	47	9.382	No	Yes	12.60095	5	2.728	12.78481	1	4.529
628	Validation	Ipswich	4	Anglesea Road	EB	Jan-15	ATC	No	0085-20030	20085	20030	179	183	0.285	Yes	Yes	162.8778	159	0.334	Yes	Yes	10.02933	21	2.720	5.822783	3	1.221
629	Validation	Ipswich	4	Anglesea Road	WB	Jan-15	ATC	No	0030-20085	20030	20085	156	138	1.461	Yes	Yes	148.2275	125	1.961	Yes	Yes	5.786151	11	1.661	2.151898	3	0.296
637	Calibration	Ipswich	9	Belvedere Road	NB	Jan-15	ATC	No	0055-20330	20055	20337	214	60	13.165	No	No	196.4876	59	12.172	No	No	12.85811	1	4.587	4.556961	0	2.925
638	Calibration	Ipswich	9	Belvedere Road	SB	Jan-15	ATC	No	0337-20055	20337	20055	52	15	6.405	No	Yes	43.70494	14	5.423	No	Yes	7.457706	1	3.445	1.012658	0	1.378
639	Calibration	Ipswich	10	Brunswick Road	NB	Jan-15	ATC	No	0056-20052	20056	20052	64	185	10.832	No	No	55.40063	182	11.601	No	No	8.357773	4	1.995	0.632911	0	0.588
640	Calibration	Ipswich	10	Brunswick Road	SB	Jan-15	ATC	No	0052-20056	20052	20056	97	205	8.817	No	No	52.44593	193	12.661	No	No	40.11731	12	5.456	4.303796	0	2.522
643	Calibration	Ipswich	12	Sidegate Lane	NB	Jan-15	ATC	No	0057-20053	20057	20053	204	248	2.913	Yes	Yes	175.9278	221	3.186	Yes	Yes	20.31582	26	1.269	7.594934	0	3.633
644	Calibration	Ipswich	12	Sidegate Lane	SB	Jan-15	ATC	No	0053-20057	20053	20057	178	159	1.448	Yes	Yes	153.152	143	0.826	Yes	Yes	20.05866	16	1.061	4.810125	1	2.615
651	Calibration	Ipswich	16	Adelaide Road	NB	Jan-15	ATC	No	0644-30645	30644	30645	40	40	0.009	Yes	Yes	36.19508	36	0.042	Yes	Yes	3.857434	4	0.067	0.253164	0	0.310
652	Calibration	Ipswich	16	Adelaide Road	SB	Jan-15	ATC	No	0645-30644	30645	30644	67	67	0.014	Yes	Yes	61.80248	62	0.033	Yes	Yes	4.243177	4	0.120	1.012658	1	0.134
653	Calibration	Ipswich	17	Gleneagles Drive	EB	Jan-15	ATC	No	0646-30647	30646	30647	102	102	0.015	Yes	Yes	96.15086	96	0.038	Yes	Yes	4.628921	5	0.165	1.012658	1	0.148
654	Calibration	Ipswich	17	Gleneagles Drive	WB	Jan-15	ATC	No	0647-30646	30647	30646	124	125	0.089	Yes	Yes	113.5097	114	0.065	Yes	Yes	8.743517	9	0.079	1.265822	1	0.060
655	Calibration	Ipswich	18	Penshurst Road	EB	Jan-15	ATC	No	0274-30648	30274	30648	54	52	0.230	Yes	Yes	47.76765	48	0.016	Yes	Yes	3.728853	4	0.153	2.151898	0	1.982
656	Calibration	Ipswich	18	Penshurst Road	WB	Jan-15	ATC	No	0648-30274	30648	30274	44	35	1.454	Yes	Yes	39.76534	31	1.486	Yes	Yes	2.957366	3	0.153	1.265822	1	0.032
657	Calibration	Ipswich	19	Ashdown Way	EB	Jan-15	ATC	No	0273-30655	30273	30655	141	140	0.135	Yes	Yes	125.4516	125	0.025	Yes	Yes	12.21521	12	0.071	3.544303	2	0.620
658	Calibration	Ipswich	19	Ashdown Way	WB	Jan-15	ATC	No	0655-30273	30655	30273	332	320	0.615	Yes	Yes	289.0682	299	2.354	Yes	Yes	35.10261	21	2.761	7.341177	1	2.912
659	Calibration	Ipswich	21	Grove Hill	NB	Jan-15	ATC	No	0223-30203	30223	30203	111	42	7.893	No	Yes	99.02265	39	7.291	No	Yes	10.41507	1	3.664	1.645569	2	0.256
660	Calibration	Ipswich	21	Grove Hill	SB	Jan-15	ATC	No	0203-30223	30203	30223	88	16	10.037	No	Yes	78.33135	14	9.430	No	Yes	8.486355	2	3.019	1.518987	0	1.721
661	Calibration	Ipswich	22	Crane Hill	NB	Jan-15	ATC	No	0158-30381	30158	30381	440	455	0.675	Yes	Yes	371.1842	382	0.539	Yes	Yes	38.70292	43	0.613	30.50632	30	0.017
662	Calibration	Ipswich	22	Crane Hill	SB	Jan-15	ATC	No	0381-30158	30381	30158	341	359	0.955	Yes	Yes	287.5908	301	0.795	Yes	Yes	27.77352	30	0.480	25.44303	27	0.317
663	Calibration	Ipswich	23	Birkfield Drive	NB	Jan-15	ATC	No	0709-70297	30709	70297	156	154	0.145	Yes	Yes	146.0114	146	0.011	Yes	Yes	8.357773	8	0.072	1.898734	0	1.700
664	Calibration	Ipswich	23	Birkfield Drive	SB	Jan-15	ATC	No	0297-30709	70297	30709	94	93	0.156	Yes	Yes	81.86981	83	0.084	Yes	Yes	9.900747	10	0.019	2.405063	0	2.088
667	Calibration	Ipswich	25	Norwich Road	NB	Jan-15	ATC	No	0138-30137	30138	30137	629	856	8.328	No	No	559.9157	789	8.824	No	No	42.56035	67	3.345	26.96202	0	7.343
668	Calibration	Ipswich	25	Norwich Road	SB	Jan-15	ATC	No	0137-30138	30137	30138	705	906	7.071	No	No	616.1781	840	8.286	No	No	52.84684	66	1.693	35.94936	0	8.479
669	Calibration	Ipswich	26	Bramford Road	EB	Jan-15	ATC	No	0142-30449	30142	30449	489	484	0.223	Yes	Yes	422.7683	443	0.990	Yes	Yes	40.63164	41	0.008	25.56961	0	7.151
670	Calibration	Ipswich	26	Bramford Road	WB	Jan-15	ATC	No	0449-30142	30449	30142	490	369	5.829	No	No	418.5825	327	4.728	Yes	Yes	48.60367	42	0.998	22.7848	0	6.751
671	Calibration	Ipswich	27	A1214 Yarmouth Road	NB	Jan-15	ATC	No	0080-20024	20080	20024	524	534	0.434	Yes	Yes	439.6347	451	0.541	Yes	Yes	57.2186	59	0.217	26.83543	24	0.615
672	Calibration	Ipswich	27	A1214 Yarmouth Road	SB	Jan-15	ATC	No	0024-20080	20024	20080	699	747	1.796	Yes	Yes	620.487	664	1.725	Yes	Yes	54.5184	58	0.481	23.79746	25	0.195
673	Calibration	Ipswich	28	A1071 Handford Road	EB	Jan-15	ATC	No	0312-20016	20312	20016	368	301	3.707	Yes	Yes	316.1529	255	3.626	Yes	Yes	34.45974	32	0.340	17.8481	13	1.160
674	Calibration	Ipswich	28	A1071 Handford Road	WB	Jan-15	ATC	No	0016-20312	20016	20312	287	271	1.008	Yes	Yes	255.2122	253	0.128	Yes	Yes	23.53035	14	2.182	8.734175	3	2.166

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
675	Calibration	Ipswich	29	B1067 Bramford Road	NWB	Jan-15	ATC	No	0427-20027	30427	20025	218	221	0.161	Yes	Yes	188.9777	197	0.558	Yes	Yes	17.87278	18	0.053	11.51898	6	1.718
676	Calibration	Ipswich	29	B1067 Bramford Road	SEB	Jan-15	ATC	No	0025-30427	20025	30427	178	172	0.467	Yes	Yes	150.8128	142	0.742	Yes	Yes	18.90143	21	0.554	8.607592	9	0.014
677	Calibration	Ipswich	30	A1156 Norwich Road	NB	Jan-15	ATC	No	0028-20026	20028	20026	377	382	0.228	Yes	Yes	334.9891	337	0.085	Yes	Yes	27.2592	30	0.550	14.81012	15	0.016
678	Calibration	Ipswich	30	A1156 Norwich Road	SB	Jan-15	ATC	No	0026-20028	20026	20028	544	779	5.064	No	No	570.5033	706	5.381	No	No	49.50374	50	0.035	24.05063	23	0.232
679	Calibration	Ipswich	31	Valley Road	EB	Jan-15	ATC	No	0027-70320	20027	70320	415	434	0.940	Yes	Yes	344.0994	357	0.704	Yes	Yes	45.90346	52	0.831	25.06328	25	0.078
680	Calibration	Ipswich	31	Valley Road	WB	Jan-15	ATC	No	0320-20027	70320	20027	596	690	3.690	Yes	Yes	529.63	622	3.832	Yes	Yes	46.41779	52	0.789	20.25316	16	0.910
681	Calibration	Ipswich	32	Henley Road	NB	Jan-15	ATC	No	0334-30370	30334	30370	293	157	9.041	No	No	265.3074	138	8.998	No	No	20.57298	4	4.755	7.215188	16	2.552
682	Calibration	Ipswich	32	Henley Road	SB	Jan-15	ATC	No	0370-30334	30370	30334	423	367	2.808	Yes	Yes	381.0332	349	1.662	Yes	Yes	31.63096	9	5.010	9.999997	9	0.472
683	Validation	Ipswich	33	Valley Road	EB	Jan-15	ATC	No	0264-20047	20264	20047	736	1029	9.865	No	No	639.077	927	10.294	No	No	67.89084	68	0.015	28.98733	34	0.910
684	Validation	Ipswich	33	Valley Road	WB	Jan-15	ATC	No	0047-20264	20047	20264	974	1328	10.422	No	No	891.827	1236	10.556	No	No	58.89016	69	1.309	23.41771	22	0.262
685	Calibration	Ipswich	34	Westerfield Road	NB	Jan-15	ATC	No	0045-20046	20045	20046	221	84	11.110	No	No	77.19154	79	0.167	Yes	Yes	4.50034	5	0.335	139.4936	0	16.694
686	Calibration	Ipswich	34	Westerfield Road	SB	Jan-15	ATC	No	0046-20045	20046	20045	519	321	9.697	No	No	301.8719	285	0.967	Yes	Yes	207.4014	29	16.371	9.999997	6	1.432
687	Calibration	Ipswich	35	B1077 Westerfield Road	NB	Jan-15	ATC	No	0807-30333	30807	30333	125	174	4.053	Yes	Yes	101.7947	150	4.301	Yes	Yes	15.94406	16	0.103	6.962023	8	0.322
688	Calibration	Ipswich	35	B1077 Westerfield Road	SB	Jan-15	ATC	No	0333-30807	30333	30807	240	473	12.318	No	No	211.4862	418	11.643	No	No	20.83014	50	4.840	8.101263	5	1.008
689	Calibration	Ipswich	36	Colchester Road	EB	Jan-15	ATC	No	0252-20277	20252	20277	680	731	1.944	Yes	Yes	597.0956	632	1.388	Yes	Yes	59.40448	74	1.803	23.29113	26	0.506
690	Calibration	Ipswich	36	Colchester Road	WB	Jan-15	ATC	No	0277-20252	20277	20252	684	752	2.522	Yes	Yes	606.8215	670	2.499	Yes	Yes	54.64698	59	0.549	22.7848	23	0.068
691	Calibration	Ipswich	37	A1214 Woodbridge Road	EB	Jan-15	ATC	No	0298-30301	30298	30301	537	568	1.320	Yes	Yes	463.4435	479	0.723	Yes	Yes	50.66097	72	2.756	23.16455	17	1.400
692	Calibration	Ipswich	37	A1214 Woodbridge Road	WB	Jan-15	ATC	No	0301-30298	30301	30298	838	861	0.796	Yes	Yes	768.4574	797	1.007	Yes	Yes	42.9461	60	2.327	26.20252	5	5.518
693	Calibration	Ipswich	38	A1189 Heath Road	NB	Jan-15	ATC	No	0646-30293	30646	30293	867	866	0.017	Yes	Yes	768.9607	780	0.379	Yes	Yes	66.0907	69	0.326	31.64556	18	2.763
694	Calibration	Ipswich	38	A1189 Heath Road	SB	Jan-15	ATC	No	0293-30646	30293	30646	761	793	1.168	Yes	Yes	675.0258	701	0.990	Yes	Yes	61.07604	74	1.555	24.55695	18	1.336
695	Calibration	Ipswich	39	Foxhall Road	EB	Jan-15	ATC	No	0372-30394	30372	30394	536	676	5.722	No	No	485.5298	649	6.871	No	No	39.08866	17	4.212	10.88607	10	0.167
696	Calibration	Ipswich	39	Foxhall Road	WB	Jan-15	ATC	No	0394-30372	30394	30372	418	305	5.980	No	No	374.9746	296	4.283	Yes	Yes	32.65961	7	5.882	10.75949	2	3.689
697	Calibration	Ipswich	Jn 1	1 Ransomes Way - Nacton Road from Ransomes W	0	Jan-15	MCC	No	0238-30238	30238	30237	440	458	0.864	Yes	Yes	348.6546	357	0.432	Yes	Yes	62.74759	73	1.216	28.35442	29	0.037
698	Calibration	Ipswich	Jn 1	1 Ransomes Way - Nacton Road from Bluestern Ro	0	Jan-15	MCC	No	0777-30237	30777	30237	160	160	0.045	Yes	Yes	74.8524	75	0.037	Yes	Yes	65.83354	66	0.015	19.2405	20	0.085
700	Calibration	Ipswich	Jn 1	Ransomes Way - Nacton Road from Ravenwood Ave	0	Jan-15	MCC	No	0664-30237	30664	30237	536	537	0.049	Yes	Yes	485.5557	487	0.068	Yes	Yes	43.20326	43	0.060	7.088605	7	0.016
701	Calibration	Ipswich	Jn 1	n 1 Ransomes Way - Nacton Road from Nacton Roa	0	Jan-15	MCC	No	0434-30237	30434	30237	560	501	2.566	Yes	Yes	394.9449	397	0.085	Yes	Yes	103.8936	104	0.000	60.75947	0	11.024
702	Calibration	Ipswich	Jn 2	nsomes Way N - Ransomes Way S from Ransomes	0	Jan-15	MCC	No	0256-30238	30256	30238	856	876	0.655	Yes	Yes	770.1918	776	0.219	Yes	Yes	65.83354	78	1.445	20.25316	21	0.200
704	Calibration	Ipswich	Jn 2	ansomes Way N - Ransomes Way S from Central A	0	Jan-15	MCC	No	0665-30238	30665	30238	109	110	0.069	Yes	Yes	66.9732	67	0.036	Yes	Yes	31.88812	32	0.030	10.12658	10	0.079
705	Calibration	Ipswich	Jn 2	nsomes Way N - Ransomes Way S from Ransomes	0	Jan-15	MCC	No	0237-30238	30237	30238	740	732	0.286	Yes	Yes	638.2152	631	0.286	Yes	Yes	77.14868	77	0.067	24.30379	24	0.011
707	Calibration	Ipswich	Jn 3	3 Felixstowe Road - Ransomes Way from Murrils Ro	0	Jan-15	MCC	No	0492-30256	30492	30256	325	323	0.101	Yes	Yes	300.0784	300	0.009	Yes	Yes	21.60163	20	0.376	3.037974	3	0.033
708	Calibration	Ipswich	Jn 3	elixstowe Road - Ransomes Way from Felixstowe R	0	Jan-15	MCC	No	0496-30256	30496	30256	416	469	2.536	Yes	Yes	354.3689	407	2.693	Yes	Yes	53.48975	54	0.094	8.101263	8	0.050
711	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road from Rands Way	0	Jan-15	MCC	No	0249-30241	30249	30241	217	239	1.414	Yes	Yes	200.9196	209	0.554	Yes	Yes	14.40109	14	0.066	2.025316	16	4.592
713	Calibration	Ipswich	Jn 4	n 4 Rands Way - Nacton Road from Landseer Road	0	Jan-15	MCC	No	0432-30241	30432	30241	424	389	1.734	Yes	Yes	302.3643	302	0.009	Yes	Yes	73.03408	57	1.954	48.60758	30	3.046
714	Calibration	Ipswich	Jn 4	n 4 Rands Way - Nacton Road from Nacton Road W	0	Jan-15	MCC	No	0436-30241	30436	30241	291	307	0.912	Yes	Yes	253.1193	265	0.744	Yes	Yes	36.00272	40	0.593	2.025316	2	0.103
715	Calibration	Ipswich	Jn 5	n 5 Bixley Road - Felixstowe Road from Bixley Roa	0	Jan-15	MCC	No	0309-30253	70309	30253	1124	1167	1.267	Yes	Yes	1014.447	1042	0.850	Yes	Yes	100.8076	114	1.229	9.113921	12	0.891
716	Calibration	Ipswich	Jn 5	Bixley Road - Felixstowe Road from Bucklesham R	0	Jan-15	MCC	No	0657-30253	30657	30253	159	145	1.148	Yes	Yes	130.9917	131	0.026	Yes	Yes	23.65893	9	3.522	4.050632	4	0.065
718	Calibration	Ipswich	Jn 5	Bixley Road - Felixstowe Road from Felixstowe Roa	0	Jan-15	MCC	No	0251-30253	30251	30253	885	1008	3.973	Yes	Yes	765.2673	922	5.401	No	No	106.9795	58	5.360	13.16455	27	3.132
719	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road from Heath Road	0	Jan-15	MCC	No	0311-30275	70311	30275	769	852	2.927	Yes	Yes	701.2488	755	1.976	Yes	Yes	56.5757	80	2.810	11.13924	18	1.789
720	Validation	Ipswich	Jn 6	n 6 Heath Road - Bixley Road from Foxhall Road E	0	Jan-15	MCC	No	0443-30275	30443	30275	422	389	1.656	Yes	Yes	379.1865	368	0.556	Yes	Yes	31.88812	13	4.090	11.13924	8	1.077
721	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road from Bixley Road	0	Jan-15	MCC	No	0310-30275	70310	30275	876	797	2.741	Yes	Yes	768.222	716	1.925	Yes	Yes	98.75031	71	2.971	9.113921	10	0.186
722	Validation	Ipswich	Jn 6	n 6 Heath Road - Bixley Road from Foxhall Road W	0	Jan-15	MCC	No	0652-30275	30652	30275	456	338	5.952	No	No	403.809	315	4.695	Yes	Yes	48.3465	22	4.487	4.050632	1	1.891
723	Calibration	Ipswich	Jn 7	Woodbridge Road - Heath Road from Woodbridge Ro	0	Jan-15	MCC	No	0254-30296	20254	30296	921	952	1.006	Yes	Yes	844.0593	873	0.994	Yes	Yes	68.91949	70	0.180	8.101263	8	0.056
724	Calibration	Ipswich	Jn 7	n 7 Woodbridge Road - Heath Road from Heath Roa	0	Jan-15	MCC	No	0815-30296	30815	30296	768	785	0.614	Yes	Yes	656.9283	667	0.379	Yes	Yes	98.75031	102	0.275	12.15189	17	1.217
728	Calibration	Ipswich	Jn 8	odbridge Road - Colchester Road from Woodbridge	0	Jan-15	MCC	No	0278-30294	20278	30294	595	474	5.250	No	No	534.8007	419	5.302	No	No	44.23191	43	0.194	16.20253	12	1.149
729	Calibration	Ipswich	Jn 8	oodbridge Road - Colchester Road from Colchester	0	Jan-15	MCC	No	0253-30295	20253	30295	788	908	4.121	Yes	No	698.2941	807	3.961	Yes	No	78.17733	75	0.369	11.13924	26	3.389
731	Calibration	Ipswich	Jn 9	auldwell Hall Road - St John's Road from Freehold	0	Jan-15	MCC	No	0340-20280	20340	20280	150	146	0.362	Yes	Yes	139.8558	138	0.174	Yes	Yes	8.229192	8	0.148	2.025316	0	1.874
733	Calibration	Ipswich	Jn 9	uldwell Hall Road - St John's Road from Marlboroug	0	Jan-15	MCC	No	0281-20280	20281	20280	19	20	0.205	Yes	Yes	18.7131	19	0.059	Yes	Yes	0	0	0.735	0	0	0.860
735	Calibration	Ipswich	Jn 10	uldwell Hall Road - Foxhall Road from Cauldwell H	0	Jan-15	MCC	No	0280-20077	20280	20077	243	227	1.040	Yes	Yes	209.7837	194	1.089	Yes	Yes	30.85947	30	0.114	2.025316	2	0.123
736	Calibration	Ipswich	Jn 10	Cauldwell Hall Road - Foxhall Road from Foxhall R	0	Jan-15	MCC	No	0441-20077	30441	20077	349	340	0.472	Yes	Yes	314.1831	308	0.374	Yes	Yes	33.94542	32	0.351	1.012658	1	0.148
737	Calibration	Ipswich	Jn 10	D Cauldwell Hall Road - Foxhall Road from Derby R	0	Jan-15	MCC	No	0197-20077	70197	20077	270	220	3.194	Yes	Yes	213.7233	174	2.858	Yes	Yes	55.54705	45	1.424	1.012658	1	0.129
739	Calibration	Ipswich	Jn 11	11 Felixstowe Road - Bishops Hill from Rosehill Ro	0	Jan-15	MCC	No	0144-30245	70144	30245	21	21	0.023	Yes	Yes	16.7433	17	0.038	Yes	Yes	4.114596	4	0.077	0	0	0.457
740	Calibration	Ipswich	Jn 11	1 Felixstowe Road - Bishops Hill from Felixstowe R	0	Jan-15	MCC	No	0438-30245	30438	30245	244	246	0.137	Yes	Yes	212.7384	218	0.379	Yes	Yes	25.71623	27	0.283	5.06329	0	3.002
742	Calibration	Ipswich	Jn 11	11 Felixstowe Road - Bishops Hill from Bishops Hi	0	Jan-15	MCC	No	0001-30245	60001	30245	387	420	1.651	Yes	Yes	346.6848	375	1.469	Yes	Yes	31.88812	39	1.218	8.101263	6	0.749
743	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road from Duke Street	0	Jan-15	MCC	No	0093-30226	70093	30226	336	351	0.817	Yes	Yes	264.9381	279	0.824	Yes	Yes	47.31758	48	0.146	23.29113	24	0.113
744	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road from Myrtle Road	0	Jan-15	MCC	No	0135-30226	70135	30226	20	7	3.511	Yes	Yes	6.8943	7	0.044	Yes	Yes	13.37244	0	5.062	0	0	0.295
746	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road from Cliff Road	0	Jan-15	MCC	No	0094-30226	70094	30226	81	71	1.129	Yes	Yes	59.094	60	0.097	Yes	Yes	9.257841	9	0.149	12.15189	2	3.799
748	Calibration	Ipswich	Jn 13	n 13 Back Hamlet - Fore Hamlet from Fore Hamlet E	0	Jan-15	MCC	No	0760-20072	30760	20072	354	477	6.001	No	No	308.2737	428	6.252	No	No	37.03137	49	1.754	9.113921	0	4.269
749	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet from Duke Street	0	Jan-15	MCC	No	0001-20072	70001	20072	373	362	0.554	Yes	Yes	317.1378	297	1.146	Yes	Yes	44.23191	40	0.622	11.13924	25	3.194
755	Calibration	Ipswich	Jn 15	n 15 Hawes Street - Vernon Street from Felaw Stree	0	Jan-15	MCC	No	0063-30215	70063	30215	36	37	0.167	Yes	Yes	31.5168	32	0.066	Yes	Yes	4.114596	4	0.087	0	1	1.268
756	Calibration	Ipswich	Jn 15	n 15 Hawes Street - Vernon Street from Mather Way	0	Jan-15	MCC	No	0068-30215	70068	30215	0	2	2.191	Yes	Yes	0	1	1.703	Yes	Yes	0	0	0.762	0	1	1.150
758	Calibration	Ipswich	Jn 15	15 Hawes Street - Vernon Street from Vernon Stree	0	Jan-15	MCC	No	0019-30215	70019	30215	527	563	1.545	Yes	Yes	445.1748	500	2.500	Yes	Yes	61.71894	55	0.882	20.25316	9	3.030
759	Validation	Ipswich	Jn 16	16 Hawes Street - Station Street from Hawes Street	0	Jan-15	MCC	No	0215-30216	30215	30216	458	402	2.710	Yes	Yes	379.1865	343	1.929	Yes	Yes	67.89084	52	2.047	11.13924	7	1.219
760	Validation	Ipswich	Jn 16	n 16 Hawes Street - Station Street from Bath Street	0	Jan-15	MCC	No	0052-30216	70052	30216	111	21	10.981	No	No	78.792	15	9.319	No	Yes	29.83082	4	6.324	2.025316	3	0.356
761	Validation	Ipswich	Jn 16	16 Hawes Street - Station Street from Hawes Street	0	Jan-15	MCC	No	0315-30216	70315	30216	971	919	1.696	Yes	Yes	879.5157	851	0.977	Yes	Yes	64.80489	60	0.631	26.32911	8	4.447
762	Validation	Ipswich	Jn 16	16 Hawes Street - Station Street from Station Stree	0	Jan-15	MCC	No	0043-30216	70043	30216	364	560	9.136	No	No	327.9717	543	10.310	No	No	34.97407	12	4.789	1.012658	5	2.463
768	Calibration	Ipswich	Jn 18	18 Belstead Road - Luther Road from Belstead Road	0	Jan-15	MCC	No	0211-30193	30211	30193	272	276	0.237	Yes	Yes	229.4817	236	0.441	Yes	Yes	40.11731	39	0.200	2.025316	0	1.378
769	Calibration	Ipswich	Jn 18	n 18 Belstead Road - Luther Road from Luther Road	0	Jan-15	MCC	No	0022-30193	70022	30193	234	232	0.184	Yes	Yes	211.7535	211	0.022	Yes	Yes	22.63028	20	0.541	0	0	0.093
771	Calibration	Ipswich	Jn 19	9 Belstead Road - Ancaster Road from Belstead Roa	0	Jan-15	MCC	No	0193-30703	30193	30703	257	358	5.776	No	No	216.678	319	6.230	No	No	38.06001	39	0.143	2.025316	0	1.368
772	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road from Oak Hill La	0	Jan-15	MCC	No	0704-30703	30704	30703	2	107	14.240	No	No	1.9698	105	14.089	No	No	0	2	2.005	0	0	0.493
773	Calibration	Ipswich	Jn 19	9 Belstead Road - Ancaster Road from Belstead Roa	0	Jan-15	MCC	No	0192-30703	30192	30703	688	711	0.881	Yes	Yes	637.2303	659	0.836	Yes	Yes	47.31786	50	0.363	3.037974	3	0.315
775	Calibration	Ipswich	Jn 20	Birkfield Drive - Stone Lodge Lane from Birkfield Dr	0	Jan-15	MCC	No	0173-30175	30173	30175	204	190	0.948	Yes	Yes	182.2065	178	0.329	Yes	Yes	21.60163	13	2.158	0	0	0.280
776	Calibration	Ipswich	Jn 20	rkfield Drive - Stone Lodge Lane from Stone Lodge	0	Jan-15	MCC	No	0190-30175	30190	30175	166	167	0.101	Yes	Yes	155.6142	154	0.102	Yes	Yes	10.28649	12	0.639	0	0	0.914
778	Calibration	Ipswich	Jn 20	rkfield Drive - Stone Lodge Lane from Stone Lodge	0	Jan-15	MCC	No	0296-70297	70296	70297	165	175	0.795	Yes	Yes	159.5538	161	0.121	Yes	Yes	4.114596	4	0.032	1.012658	10	3.773
779	Calibration	Ipswich	Jn 21	21 Princes Street - Burrell Road from Princes Stree	0	Jan-15	MCC	No	0318-30168	20318	30168	205	187	1.286	Yes	Yes	173.3424	164	0.700	Yes	Yes	31.88812	23	1.705	0	0	0.000
780	Calibration	Ipswich	Jn 21	n 21 Princes Street - Burrell Road from Burrell Road	0	Jan-15	MCC	No	0170-30168	30170	30168	352	274	4.433	Yes	Yes	320.0925	243	4.591	Yes	Yes	27.77352	30	0.498	4.050632	0	2.846
781	Calibration	Ipswich	Jn 21	n 21 Princes Street - Burrell Road from Station Yard	0	Jan-15	MCC	No	0384-30168	30384	30168	106	0	14.527	No	No	102.4296	0	14.313	No	No	3.085947	0	2.484	0	0	0.000
782	Calibration	Ipswich	Jn 21	21 Princes Street - Burrell Road from Ranelagh Ro	0	Jan-15	MCC	No	0167-30167	30167	30168	632	814	6.778	No	No	571.242	751	6.986	No	No	59.66164	63	0.464	1.012658	0	1.423
783	Calibration	Ipswich	Jn 22	22 Princes Street - Civic Drive from Princes Street	0	Jan-15	MCC	No	0036-10004	10036	10004	111	147	3.234	Yes	Yes	78.792	118	3.994	Yes	Yes	26.74488	25	0.393	5.06329	4	0.439
784	Calibration	Ipswich	Jn 22	22 Princes Street - Civic Drive from Francisan Wa	0	Jan-15	MCC	No	0005-10004	10005	10004	349	328	1.152	Yes	Yes	297.4398	291	0.385	Yes	Yes	40.11731	26	2.407	11.13924	10	0.217
785	Calibration	Ipswich	Jn 22	22 Princes Street - Civic Drive from Princes Street	0	Jan-15	MCC	No	0755-10004	30755	10004	217	214	0.186	Yes	Yes	172.3575	171	0.088	Yes	Yes	40.11731	38	0.329	4.050632	5	0.228
786	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive from Civic Drive	0	Jan-15	MCC	No	0003-10004	10003	10004	702	678	0.940	Yes	Yes	627.3813	610	0.703	Yes	Yes	57.60435	53	0.680	17.21518	15	0.541
787	Calibration	Ipswich	Jn 23	n 23 Civic Drive - Handford Road from Civic Drive N	0	Jan-15	MCC	No	0001-10002	10001	10002	1438	1461	0.601	Yes	Yes	1326.66	1355	0.773	Yes	Yes	88.46382	83	0.558	23.29113	23	0.052
788	Calibration	Ipswich	Jn 23	23 Civic Drive - Handford Road from Car Park Entra	0	Jan-15	MCC	No	0080-10002	10080	10002	4	10	2.200	Yes	Yes	1.9698	6	1.862	Yes	Yes	1.028649	3	1.559	1.012658	1	0.148
789	Calibration	Ipswich	Jn 23	n 23 Civic Drive - Handford Road from Civic Drive S	0	Jan-15	MCC	No	0003-10002	10003	10002	505	469	1.624	Yes	Yes	419.5674	387	1.606	Yes	Yes	66.86219	66	0.081	18.22784	15	0.713
790	Calibration	Ipswich	Jn 23	23 Civic Drive - Handford Road from Handford Roa	0	Jan-15	MCC	No	0016-10002	20016	10002	451	345	5.330	No	No	373.2771	286	4.783	Yes	Yes	58.633	44	2.083	19.2405	15	1.107
791	Calibration	Ipswich	Jn 24	Berner's Street - St Matthews Street from Berner's S	0	Jan-15	MCC	No	0306-10001	20306	10001	583	534	2.072	Yes	Yes	561.393	512	2.123	Yes	Yes	18.51568	19	0.022	3.037974	3	0.080
792	Calibration	Ipswich	Jn 24	ner's Street - St Matthews Street from St Matthews S	0	Jan-15	MCC	No	0031-10001	10031	10001	586	477	4.703	Yes	No	519.0423	432	4.009	Yes	Yes	47.31786	34	2.112	19.2405	12	1.920
793	Calibration	Ipswich	Jn 24	4 Berner's Street - St Matthews Street from Civic Dr	0	Jan-15	MCC	No	0002-10001	10002	10001	622	658	1.406	Yes	Yes	509.1933	541	1.396	Yes	Yes	95.66436	93	0.303	17.21518	24	1.442
794	Calibration	Ipswich	Jn 24	ner's Street - St Matthews Street from St Matthews S	0	Jan-15	MCC	No	0022-10001	20022	10001	717	755	1.403	Yes	Yes	615.5625	660	1.775	Yes	Yes	85.37787	81	0.453	16.20253	14	0.686
796	Calibration	Ipswich	Jn 25	Fonnereau Road - Crown Street from St Margarets S	0	Jan-15	MCC	No	0313-10027	70313	10027	676	725	1.858	Yes	Yes	615.5625	666	1.987	Yes	Yes	50.4038	49	0.153	10.12658	10	0.010
797	Calibration	Ipswich	Jn 25	5 Fonnereau Road - Crown Street from Northgate St	0	Jan-15	MCC	No	0067-10027	10067	10027	36	35	0.069	Yes	Yes	28.5621	28	0.015	Yes	Yes	6.171894	6	0.078	1.012658	1	0.143
798	Calibration	Ipswich	Jn 25	25 Fonnereau Road - Crown Street from Crown Stre	0	Jan-15	MCC	No	0307-10028	70307	10028	407	374	1.682	Yes	Yes	329.9415	299	1.740	Yes	Yes	64.80489	62	0.295	12.15189	12	0.001
799	Calibration	Ipswich	Jn 26	6 Grimwade Street - Fore Street from Grimwade Str	0	Jan-15	MCC	No	0111-10017	10111	10017	1388	1332	1.493	Yes	Yes	1222.261	1158	1.873	Yes	Yes	141.9536	148	0.499	23.29113	27	0.706

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node
808	Calibration	Ipswich	Jn 28	28 Waterworks Street - Star Lane from Star Lane W	0	Jan-15	MCC	No	0068-1005	10068	10054
810	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street from Fore Street E	0	Jan-15	MCC	No	0106-1005	10106	10055
811	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street from Star Lane S	0	Jan-15	MCC	No	0165-1005	70165	10055
812	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street from Fore Street W	0	Jan-15	MCC	No	0053-1006	10053	10068
816	Calibration	Ipswich	Jn 32	Lower Orwell Street - Key Street from Lower Orwell	0	Jan-15	MCC	No	0057-1001	10057	10013
817	Calibration	Ipswich	Jn 32	32 Lower Orwell Street - Key Street from Key Street	0	Jan-15	MCC	No	0119-1001	70119	10013
819	Calibration	Ipswich	Jn 33	Foundation Street - Star Lane from Foundation Stre	0	Jan-15	MCC	No	0043-1004	10043	10042
824	Calibration	Ipswich	Jn 34	Upper Brook Street - Dogs Head Street from Tachet	0	Jan-15	MCC	No	0076-1004	10076	10045
825	Calibration	Ipswich	Jn 34	per Brook Street - Dogs Head Street from Lower Bro	0	Jan-15	MCC	No	0132-1004	10132	10045
827	Calibration	Ipswich	Jn 35	5 Warwick Road - St Helen's Street from Warwick R	0	Jan-15	MCC	No	0324-2006	20324	20069
829	Calibration	Ipswich	Jn 35	35 Warwick Road - St Helen's Street from Grove La	0	Jan-15	MCC	No	0073-2006	20073	20069
830	Calibration	Ipswich	Jn 35	Warwick Road - St Helen's Street from St Helen's S	0	Jan-15	MCC	No	0454-2006	30454	20069
832	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street from Rope Walk	0	Jan-15	MCC	No	0102-1005	10102	10050
833	Calibration	Ipswich	Jn 36	36 Bond Street - Eagle Street from Waterworks Stre	0	Jan-15	MCC	No	0264-1005	70264	10050
834	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street from Eagle Street	0	Jan-15	MCC	No	0051-1005	10051	10050
835	Validation	Ipswich	Jn 37	Grimwalde Street - Rope Walk from Grimwade Stre	0	Jan-15	MCC	No	0020-1001	10020	10019
839	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane from Foxhall Road	0	Jan-15	MCC	No	0282-2007	20282	20074
840	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane from Back Hamlet	0	Jan-15	MCC	No	0762-2007	30762	20074
841	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane from Grove Lane	0	Jan-15	MCC	No	0073-2007	20073	20074
842	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road from Britannia Ro	0	Jan-15	MCC	No	0349-2007	20349	20078
843	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road from Foxhall Roa	0	Jan-15	MCC	No	0445-2007	30445	20078
844	Calibration	Ipswich	Jn 39	n 39 Britannia Road - Foxhall Road from Dover Roa	0	Jan-15	MCC	No	0659-2007	30659	20078
845	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road from Foxhall Roa	0	Jan-15	MCC	No	0441-2007	30441	20078
846	Calibration	Ipswich	Jn 40	0 Clapgate Lane - Landseer Road from Clapgate La	0	Jan-15	MCC	No	0088-3023	70088	30235
848	Calibration	Ipswich	Jn 40	0 Clapgate Lane - Landseer Road from Clapgate La	0	Jan-15	MCC	No	0376-3023	30376	30235
850	Calibration	Ipswich	Jn 41	1 Holywells Road - Landseer Road from Holywells R	0	Jan-15	MCC	No	0115-3022	70115	30227
852	Calibration	Ipswich	Jn 41	1 Holywells Road - Landseer Road from Landseer R	0	Jan-15	MCC	No	0228-3022	30228	30227
854	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Levington Ro	0	Jan-15	MCC	No	0083-3024	70083	30244
855	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Nacton Road	0	Jan-15	MCC	No	0242-3024	30242	30244
856	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Clapgate La	0	Jan-15	MCC	No	0243-3024	30243	30244
857	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Nacton Road	0	Jan-15	MCC	No	0437-3024	30437	30244
860	Calibration	Ipswich	Jn 43	Jn 43 A14 - Nacton Road from Nacton Road SE	0	Jan-15	MCC	No	0080-3007	30080	30079
863	Calibration	Ipswich	Jn 44	Jn 44 A14 - Nacton Road from Nacton Road N	0	Jan-15	MCC	No	0079-3008	30079	30080
868	Calibration	Ipswich	Jn 45	5 Brunswick Road - Albion Hill from Woodbridge Ro	0	Jan-15	MCC	No	0057-2005	20057	20056
870	Calibration	Ipswich	Jn 45	Jn 45 Brunswick Road - Albion Hill from Albion Hill	0	Jan-15	MCC	No	0055-2005	20055	20056
871	Calibration	Ipswich	Jn 46	Rushmere Road - Woodbridge Road from Rushmere	0	Jan-15	MCC	No	0059-2005	20059	20058
872	Calibration	Ipswich	Jn 46	shmere Road - Woodbridge Road from Woodbridge	0	Jan-15	MCC	No	0084-2005	20084	20058
873	Calibration	Ipswich	Jn 46	shmere Road - Woodbridge Road from Cauldwell Ha	0	Jan-15	MCC	No	0065-2005	20065	20058
874	Calibration	Ipswich	Jn 46	shmere Road - Woodbridge Road from Woodbridge	0	Jan-15	MCC	No	0057-2005	20057	20058
875	Calibration	Ipswich	Jn 47	Jn 47 A137 - A14 from A137 N	0	Jan-15	MCC	No	0061-3006	30061	30062
881	Calibration	Ipswich	Jn 48	Jn 48 A137 - A14 from A137 S	0	Jan-15	MCC	No	0062-3006	30062	30061
883	Calibration	Ipswich	Jn 49	n 49 Wherstead Road - A137 from Wherstead Road	0	Jan-15	MCC	No	0219-3022	30219	30220
884	Calibration	Ipswich	Jn 49	Jn 49 Wherstead Road - A137 from The Strand	0	Jan-15	MCC	No	0691-3022	30691	30220
887	Calibration	Ipswich	Jn 50	0 Wherstead Road - Bostock Road from Industrial Es	0	Jan-15	MCC	No	0783-3021	30783	30219
888	Calibration	Ipswich	Jn 50	Wherstead Road - Bostock Road from Wherstead R	0	Jan-15	MCC	No	0220-3021	30220	30219
891	Calibration	Ipswich	Jn 1	n 1 Ransomes Way - Nacton Road to Bluestern Roa	0	Jan-15	MCC	No	0237-3077	30237	30777
893	Calibration	Ipswich	Jn 1	Ransomes Way - Nacton Road to Ravenwood Ave	0	Jan-15	MCC	No	0237-3066	30237	30664
894	Calibration	Ipswich	Jn 1	Jn 1 Ransomes Way - Nacton Road to Nacton Road	0	Jan-15	MCC	No	0237-3043	30237	30434
895	Calibration	Ipswich	Jn 2	ansomes Way N - Ransomes Way S to Ransomes W	0	Jan-15	MCC	No	0238-3025	30238	30256
897	Calibration	Ipswich	Jn 2	Ransomes Way N - Ransomes Way S to Central Ave	0	Jan-15	MCC	No	0238-3066	30238	30665
900	Calibration	Ipswich	Jn 3	3 Felixstowe Road - Ransomes Way to Murrils Roa	0	Jan-15	MCC	No	0256-3049	30256	30492
901	Calibration	Ipswich	Jn 3	Felixstowe Road - Ransomes Way to Felixstowe Ro	0	Jan-15	MCC	No	0256-3049	30256	30496
904	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road to Rands Way	0	Jan-15	MCC	No	0241-3024	30241	30243
906	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road to Landseer Road	0	Jan-15	MCC	No	0241-3043	30241	30432
907	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road to Nacton Road W	0	Jan-15	MCC	No	0241-3043	30241	30436
908	Calibration	Ipswich	Jn 5	Jn 5 Bixley Road - Felixstowe Road to Bixley Road	0	Jan-15	MCC	No	0253-7030	30253	70309
909	Calibration	Ipswich	Jn 5	5 Bixley Road - Felixstowe Road to Bucklesham Ro	0	Jan-15	MCC	No	0253-3065	30253	30657
911	Calibration	Ipswich	Jn 5	5 Bixley Road - Felixstowe Road to Felixstowe Roac	0	Jan-15	MCC	No	0253-3025	30253	30251
912	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Heath Road	0	Jan-15	MCC	No	0275-7031	30275	70311
913	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Foxhall Road E	0	Jan-15	MCC	No	0275-3044	30275	30443
914	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Bixley Road	0	Jan-15	MCC	No	0275-7031	30275	70310
915	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Foxhall Road W	0	Jan-15	MCC	No	0275-3065	30275	30652
916	Calibration	Ipswich	Jn 7	Woodbridge Road - Heath Road to Woodbridge Roa	0	Jan-15	MCC	No	0296-2025	30296	20254
917	Calibration	Ipswich	Jn 7	Jn 7 Woodbridge Road - Heath Road to Heath Road	0	Jan-15	MCC	No	0296-3081	30296	30815
921	Calibration	Ipswich	Jn 8	oodbridge Road - Colchester Road to Woodbridge R	0	Jan-15	MCC	No	0294-2027	30294	20278
922	Calibration	Ipswich	Jn 8	Woodbridge Road - Colchester Road to Colchester R	0	Jan-15	MCC	No	0295-2025	30295	20253
924	Calibration	Ipswich	Jn 9	Cauldwell Hall Road - St John's Road to Freehold R	0	Jan-15	MCC	No	0280-2034	20280	20340
926	Calibration	Ipswich	Jn 9	auldwell Hall Road - St John's Road to Marlborough	0	Jan-15	MCC	No	0280-2028	20280	20281
928	Calibration	Ipswich	Jn 10	auldwell Hall Road - Foxhall Road to Cauldwell Ha	0	Jan-15	MCC	No	0077-2028	20077	20280
929	Calibration	Ipswich	Jn 10	0 Cauldwell Hall Road - Foxhall Road to Foxhall Ro	0	Jan-15	MCC	No	0077-3044	20077	30441
930	Calibration	Ipswich	Jn 10	10 Cauldwell Hall Road - Foxhall Road to Derby Ro	0	Jan-15	MCC	No	0077-7019	20077	70197
932	Calibration	Ipswich	Jn 11	n 11 Felixstowe Road - Bishops Hill to Rosehill Roa	0	Jan-15	MCC	No	0245-7014	30245	70144
933	Calibration	Ipswich	Jn 11	11 Felixstowe Road - Bishops Hill to Felixstowe Ro	0	Jan-15	MCC	No	0245-3043	30245	30438
935	Calibration	Ipswich	Jn 11	Jn 11 Felixstowe Road - Bishops Hill to Bishops Hill	0	Jan-15	MCC	No	0245-6000	30245	60001
936	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road to Duke Street	0	Jan-15	MCC	No	0226-7009	30226	70093
937	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road to Myrtle Road	0	Jan-15	MCC	No	0226-7013	30226	70135
939	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road to Cliff Road	0	Jan-15	MCC	No	0226-7009	30226	70094
940	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet to Back Hamlet	0	Jan-15	MCC	No	0072-3083	20072	30834
941	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet to Fore Hamlet E	0	Jan-15	MCC	No	0072-3076	20072	30769
942	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet to Duke Street	0	Jan-15	MCC	No	0072-7000	20072	70001
948	Calibration	Ipswich	Jn 15	Jn 15 Hawes Street - Vernon Street to Felaw Street	0	Jan-15	MCC	No	0215-7006	30215	70063
949	Calibration	Ipswich	Jn 15	Jn 15 Hawes Street - Vernon Street to Mather Way	0	Jan-15	MCC	No	0215-7006	30215	70068
951	Calibration	Ipswich	Jn 15	n 15 Hawes Street - Vernon Street to Vernon Street	0	Jan-15	MCC	No	0215-7001	30215	70019
952	Validation	Ipswich	Jn 16	n 16 Hawes Street - Station Street to Hawes Street N	0	Jan-15	MCC	No	0216-3021	30216	30215
953	Validation	Ipswich	Jn 16	Jn 16 Hawes Street - Station Street to Bath Street	0	Jan-15	MCC	No	0216-7005	30216	70052
954	Validation	Ipswich	Jn 16	n 16 Hawes Street - Station Street to Hawes Street S	0	Jan-15	MCC	No	0216-7031	30216	70315
955	Validation	Ipswich	Jn 16	Jn 16 Hawes Street - Station Street to Station Street	0	Jan-15	MCC	No	0216-7004	30216	70043
961	Calibration	Ipswich	Jn 18	18 Belstead Road - Luther Road to Belstead Road	0	Jan-15	MCC	No	0193-3021	30193	30211
962	Calibration	Ipswich	Jn 18	Jn 18 Belstead Road - Luther Road to Luther Road	0	Jan-15	MCC	No	0193-7002	30193	70022
964	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road to Belstead Road	0	Jan-15	MCC	No	0703-3019	30703	30193
965	Calibration	Ipswich	Jn 19	n 19 Belstead Road - Ancaster Road to Oak Hill Lan	0	Jan-15	MCC	No	0703-3070	30703	30704
966	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road to Belstead Road	0	Jan-15	MCC	No	0703-3019	30703	30192
968	Calibration	Ipswich	Jn 20	0 Birkfield Drive - Stone Lodge Lane to Birkfield Driv	0	Jan-15	MCC	No	0175-3017	30175	30173

Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1051	1020	0.966	Yes	Yes	909.0627	880	0.979	Yes	Yes	116.2373	116	0.005	25.31645	23	0.376
1	35	7.998	No	Yes	0.9849	31	7.507	No	Yes	0	4	2.720	0	0	0.295
1071	1170	2.935	Yes	Yes	929.7456	1026	3.075	Yes	Yes	117.266	120	0.264	24.30379	24	0.160
38	27	1.911	Yes	Yes	31.5168	22	1.888	Yes	Yes	4.114596	4	0.057	2.025316	1	0.797
45	1	8.996	No	Yes	37.4262	1	8.334	No	Yes	7.200543	0	3.429	0	0	0.280
1074	965	3.409	Yes	Yes	957.3228	838	3.986	Yes	Yes	94.63571	104	0.961	22.27847	23	0.205
33	32	0.106	Yes	Yes	29.547	29	0.109	Yes	Yes	3.085947	3	0.061	0	0	0.427
40	150	11.333	No	No	35.4564	136	10.858	No	No	4.114596	14	3.167	0	0	0.844
19	33	2.839	Yes	Yes	13.7886	28	3.172	Yes	Yes	4.114596	4	0.056	1.012658	1	0.157
71	133	6.116	No	Yes	65.0034	125	6.123	No	Yes	6.171894	8	0.808	0	0	0.000
205	119	6.750	No	Yes	187.131	111	6.193	No	Yes	16.45838	7	2.716	1.012658	0	1.074
186	125	4.950	Yes	Yes	159.5538	107	4.509	Yes	Yes	23.65893	17	1.453	3.037974	0	2.465
26	26	0.038	Yes	Yes	22.6527	23	0.052	Yes	Yes	3.085947	3	0.032	0	0	0.000
270	197	4.821	Yes	Yes	232.4364	169	4.494	Yes	Yes	30.85947	28	0.540	7.088605	0	3.765
6	0	3.280	Yes	Yes	4.9245	0	2.961	Yes	Yes	1.028649	0	1.414	0	0	0.000
716	602	4.456	Yes	No	654.9585	534	4.977	Yes	No	43.20326	61	2.430	18.22784	8	2.950
493	484	0.378	Yes	Yes	463.8879	457	0.309	Yes	Yes	27.77352	26	0.307	1.012658	1	0.148
188	167	1.562	Yes	Yes	167.433	146	1.705	Yes	Yes	19.54433	21	0.345	1.012658	0	1.423
216	210	0.373	Yes	Yes	195.0102	193	0.146	Yes	Yes	17.48703	17	0.088	3.037974	0	2.465
108	108	0.004	Yes	Yes	100.4598	101	0.099	Yes	Yes	6.171894	6	0.027	1.012658	0	1.423
365	361	0.203	Yes	Yes	336.8358	336	0.027	Yes	Yes	25.71623	24	0.267	2.025316	0	2.013
44	44	0.073	Yes	Yes	42.3507	42	0.066	Yes	Yes	2.057298	2	0.040	0	0	0.000
459	457	0.064	Yes	Yes	417.5976	418	0.019	Yes	Yes	38.06001	39	0.206	3.037974	0	2.465
161	157	0.346	Yes	Yes	150.6897	148	0.200	Yes	Yes	10.28649	8	0.763	0	0	0.880
212	83	10.594	No	No	198.9498	80	10.078	No	No	11.31514	4	2.862	2.025316	0	2.006
324	292	1.799	Yes	Yes	223.5723	223	0.007	Yes	Yes	54.5184	47	1.047	45.56961	22	4.143
415	411	0.236	Yes	Yes	339.7905	339	0.064	Yes	Yes	44.23191	44	0.006	31.3924	28	0.674
26	203	16.596	No	No	22.6527	182	15.779	No	No	3.085947	20	5.032	0	1	1.127
227	312	5.194	No	Yes	194.0253	277	5.411	No	Yes	31.88812	35	0.560	1.012658	0	1.423
246	338	5.430	No	Yes	214.7082	306	5.637	No	Yes	29.83082	33	0.501	1.012658	0	1.308
243	245	0.098	Yes	Yes	213.7233	221	0.477	Yes	Yes	25.71623	24	0.289	4.050632	0	2.846
488	525	1.626	Yes	Yes	417.5976	456	1.842	Yes	Yes	36.00272	35	0.239	34.43037	34	0.083
787	789	0.086	Yes	Yes	533.8158	536	0.086	Yes	Yes	191.3287	191	0.019	61.77213	62	0.088
565	551	0.577	Yes	Yes	526.9215	517	0.447	Yes	Yes	33.94542	35	0.107	4.050632	0	2.846
444	431	0.626	Yes	Yes	386.0808	379	0.337	Yes	Yes	51.43245	51	0.093	6.075947	0	3.281
213	277	4.118	Yes	Yes	192.0555	252	4.020	Yes	Yes	19.54433	25	1.174	1.012658	0	1.423
406	407	0.035	Yes	Yes	379.1865	382	0.150	Yes	Yes	23.65893	24	0.165	3.037974	0	2.465
238	234	0.271	Yes	Yes	194.0253	191	0.250	Yes	Yes	44.23191	43	0.152	0	0	0.780
543	520	1.001	Yes	Yes	476.6916	460	0.773	Yes	Yes	59.66164	60	0.033	7.088605	0	3.402
658	626	1.254	Yes	Yes	513.3413	501	0.560	Yes	Yes	110.0654	90	2.020	34.43037	35	0.171
900	930	0.980	Yes	Yes	810.9019	821	0.353	Yes	Yes	81.26327	99	1.877	8.101263	10	0.573
861	808	1.822	Yes	Yes	692.6659	689	0.144	Yes	Yes	144.0109	110	2.972	24.30379	9	3.756
568	581	0.544	Yes	Yes	499.5471	495	0.182	Yes	Yes	58.633	60	0.162	10.12658	26	3.731
17	42	4.636	Yes	Yes	4.9245	5	0.025	Yes	Yes	3.085947	28	6.342	9.113921	9	0.057
1060	1020	1.219	Yes	Yes	941.5644	947	0.166	Yes	Yes	96.69301	66	3.410	21.26582	8	3.590
227	227	0.031	Yes	Yes	162.5085	162	0.008	Yes	Yes	53.48975	53	0.064	11.13924	11	0.032
366	365	0.062	Yes	Yes	318.1227	317	0.067	Yes	Yes	40.11731	40	0.015	8.101263	8	0.042
715	631	3.235	Yes	Yes	566.3175	547	0.832	Yes	Yes	102.8649	84	1.936	45.56961	0	9.547
611	600	0.431	Yes	Yes	505.2537	495	0.455	Yes	Yes	86.40652	86	0.073	19.2405	19	0.056
713	703	0.361	Yes	Yes	664.8075	663	0.088	Yes	Yes	28.80217	29	0.066	19.2405	12	1.959
289	290	0.009	Yes	Yes	258.6202	259	0.004	Yes	Yes	29.83082	30	0.044	1.012658	1	0.148
469	472	0.100	Yes	Yes	403.7239	406	0.129	Yes	Yes	53.48975	53	0.086	12.15189	12	0.054
197	209	0.826	Yes	Yes	168.4179	169	0.050	Yes	Yes	26.74488	27	0.053	2.025316	13	3.975
466	438	1.327	Yes	Yes	383.1261	381	0.101	Yes	Yes	54.5184	33	3.238	28.35442	24	0.935
273	262	0.629	Yes	Yes	226.527	222	0.304	Yes	Yes	44.23191	40	0.611	2.025316	0	1.667
1109	1097	0.364	Yes	Yes	979.9755	986	0.181	Yes	Yes	120.3519	101	1.794	9.113921	10	0.367
136	130	0.499	Yes	Yes	106.3692	106	0.059	Yes	Yes	25.71623	21	1.008	4.050632	4	0.147
650	848	7.237	No	No	563.3628	764	7.792	No	No	76.12003	58	2.224	10.12658	26	3.659
883	902	0.646	Yes	Yes	770.1918	815	1.581	Yes	Yes	100.8076	71	3.250	12.15189	17	1.275
435	340	4.802	Yes	Yes	394.9449	316	4.198	Yes	Yes	31.88812	16	3.192	8.101263	8	0.087
777	827	1.767	Yes	Yes	692.3847	738	1.719	Yes	Yes	73.03408	77	0.485	11.13924	11	0.046
412	306	5.582	No	No	380.1714	285	5.237	No	Yes	27.77352	21	1.288	4.050632	0	2.698
748	755	0.273	Yes	Yes	625.4115	629	0.139	Yes	Yes	102.8649	106	0.354	19.2405	20	0.086
982	1022	1.274	Yes	Yes	906.108	931	0.809	Yes	Yes	64.80489	78	1.505	11.13924	14	0.877
578	558	0.831	Yes	Yes	533.8158	503	1.361	Yes	Yes	34.97407	50	2.318	9.113921	5	1.470
713	783	2.561	Yes	Yes	619.5021	704	3.268	Yes	Yes	74.06273	56	2.278	19.2405	24	0.938
112	113	0.169	Yes	Yes	105.3843	103	0.185	Yes	Yes	6.171894	10	1.287	0	0	0.295
123	122	0.085	Yes	Yes	113.2635	112	0.146	Yes	Yes	9.257841	9	0.099	0	1	1.342
238	229	0.569	Yes	Yes	184.1763	176	0.639	Yes	Yes	52.4611	52	0.096	1.012658	2	0.497
314	309	0.251	Yes	Yes	274.7871	274	0.067	Yes	Yes	33.94542	35	0.259	5.06329	0	2.990
328	304	1.365	Yes	Yes	281.6814	264	1.063	Yes	Yes	44.23191	37	1.073	2.025316	2	0.103
15	19	1.036	Yes	Yes	13.7886	17	0.806	Yes	Yes	1.028649	1	0.162	0	1	1.364
271	271	0.014	Yes	Yes	242.2854	241	0.069	Yes	Yes	23.65893	24	0.086	5.06329	5	0.181
363	366	0.119	Yes	Yes	314.1831	319	0.264	Yes	Yes	44.23191	47	0.392	5.06329	0	3.182
245	257	0.781	Yes	Yes	203.8743	199	0.355	Yes	Yes	30.85947	33	0.319	10.12658	26	3.687
111	199	7.046	No	Yes	85.6863	172	7.589	No	Yes	20.57298	21	0.046	5.06329	7	0.611
50	42	1.214	Yes	Yes	31.5168	33	0.305	Yes	Yes	8.229192	8	0.070	10.12658	0	4.251
216	204	0.857	Yes	Yes	204.8592	187	1.269	Yes	Yes	10.28649	16	1.522	1.012658	1	0.143
335	374	2.072	Yes	Yes	294.4851	334	2.221	Yes	Yes	34.97407	40	0.765	5.06329	0	3.182
368	393	1.264	Yes	Yes	296.4549	309	0.747	Yes	Yes	58.633	59	0.110	13.16455	24	2.511
126	126	0.006	Yes	Yes	121.1427	121	0.054	Yes	Yes	5.143245	5	0.041	0	1	1.223
113	112	0.146	Yes	Yes	112.2786	110	0.202	Yes	Yes	1.028649	1	0.018	0	1	1.091
868	816	1.795	Yes	Yes	774.1314	730	1.594	Yes	Yes	69.94813	69	0.172	24.30379	17	1.518
1003	854	4.890	Yes	Yes	910.0476	771	4.796	Yes	No	66.86219	67	0.053	26.32911	16	2.266
129	49	8.539	No	Yes	122.1276	45	8.495	No	Yes	6.171894	4	0.880	1.012658	0	1.423
611	743	5.058	No	No	497.3745	679	7.485	No	No	101.8363	56	5.106	12.15189	8	1.427
157	256	6.924	No	Yes	134.9313	255	8.588	No	No	20.57298	1	5.898	1.012658	0	1.414
614	662	1.883	Yes	Yes	569.2722	616	1.924	Yes	Yes	42.17461	43	0.180	3.037974	3	0.269
325	298	1.540	Yes	Yes	296.4549	270	1.602	Yes	Yes	28.80217	29	0.045	0	0	0.093
685	811	4.628	Yes	No	636.2454	757	4.582	Yes	No	45.26056	51	0.872	3.037974	3	0.264
4	102	13.458	No	Yes	1.9698	97	13.481	No	Yes	2.057298	5	1.715	0	0	0.295
257	263	0.392	Yes	Yes	219.6327	228	0.580	Yes	Yes	34.97407	34	0.142	2.025316	0	1.368
282	256	1.550	Yes	Yes	258.0438	246	0.769	Yes	Yes	23.65893	10	3.199	0	0	0.132

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
969	Calibration	Ipswich	Jn 20	3irkfield Drive - Stone Lodge Lane to Stone Lodge L	0	Jan-15	MCC	No	0175-30190	30175	30190	216	219	0.170	Yes	Yes	204.8592	201	0.296	Yes	Yes	9.257841	8	0.334	2.025316	10	3.182
971	Calibration	Ipswich	Jn 20	3irkfield Drive - Stone Lodge Lane to Stone Lodge L	0	Jan-15	MCC	No	0297-70296	70297	70296	145	120	2.221	Yes	Yes	135.9162	110	2.311	Yes	Yes	9.257841	9	0.159	0	1	1.055
972	Calibration	Ipswich	Jn 21	Jn 21 Princes Street - Burrell Road to Princes Street	0	Jan-15	MCC	No	0168-20318	30168	20318	516	513	0.155	Yes	Yes	485.5557	483	0.120	Yes	Yes	29.83082	30	0.024	1.012658	0	1.423
973	Calibration	Ipswich	Jn 21	Jn 21 Princes Street - Burrell Road to Burrell Road	0	Jan-15	MCC	No	0168-30170	30168	30170	438	428	0.442	Yes	Yes	385.0959	382	0.146	Yes	Yes	51.43245	46	0.764	1.012658	0	1.423
975	Calibration	Ipswich	Jn 21	Jn 21 Princes Street - Burrell Road to Ranelagh Roa	0	Jan-15	MCC	No	0168-30167	30168	30167	341	334	0.385	Yes	Yes	296.4549	293	0.210	Yes	Yes	41.14596	41	0.067	3.037974	0	2.465
976	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Princes Street N	0	Jan-15	MCC	No	0004-10036	10004	10036	117	48	7.666	No	Yes	85.6863	34	6.710	No	Yes	23.65893	12	2.861	8.101263	2	2.537
977	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Franciscan Way	0	Jan-15	MCC	No	0004-10005	10004	10005	427	525	4.500	Yes	Yes	365.3979	464	4.849	Yes	Yes	47.31786	46	0.131	14.17721	14	0.083
978	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Princes Street S	0	Jan-15	MCC	No	0004-30755	10004	30755	347	325	1.200	Yes	Yes	326.0019	305	1.167	Yes	Yes	18.51568	17	0.282	2.025316	2	0.033
979	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Civic Drive	0	Jan-15	MCC	No	0004-10003	10004	10003	486	469	0.793	Yes	Yes	397.8996	387	0.534	Yes	Yes	75.09138	66	1.058	13.16455	15	0.568
981	Calibration	Ipswich	Jn 23	23 Civic Drive - Handford Road to Car Park Entranc	0	Jan-15	MCC	No	0002-10080	10002	10080	83	231	11.813	No	No	79.7769	223	11.630	No	No	2.057298	5	1.550	1.012658	3	1.389
982	Calibration	Ipswich	Jn 23	Jn 23 Civic Drive - Handford Road to Civic Drive S	0	Jan-15	MCC	No	0002-10003	10002	10003	928	1082	4.858	Yes	No	827.316	979	5.041	No	No	85.37787	83	0.310	15.18987	21	1.268
983	Calibration	Ipswich	Jn 23	In 23 Civic Drive - Handford Road to Handford Road	0	Jan-15	MCC	No	0002-20016	10002	20016	698	314	17.062	No	No	651.0189	291	16.594	No	No	32.91677	17	3.298	14.17721	7	2.268
984	Calibration	Ipswich	Jn 24	4 Berner's Street - St Matthews Street to Berner's St	0	Jan-15	MCC	No	0001-20306	10001	20306	187	114	5.997	No	Yes	159.5538	95	5.709	No	Yes	25.71623	16	2.025	2.025316	2	0.100
985	Calibration	Ipswich	Jn 24	rner's Street - St Matthews Street to St Matthews St	0	Jan-15	MCC	No	0001-10031	10001	10031	511	495	0.688	Yes	Yes	418.5825	406	0.633	Yes	Yes	77.14868	75	0.295	15.18987	15	0.003
987	Calibration	Ipswich	Jn 24	rner's Street - St Matthews Street to St Matthews St	0	Jan-15	MCC	No	0001-20022	10001	20022	361	354	0.369	Yes	Yes	295.47	290	0.323	Yes	Yes	53.48975	52	0.168	12.15189	12	0.071
989	Calibration	Ipswich	Jn 25	5 Fonnereau Road - Crown Street to St Margarets St	0	Jan-15	MCC	No	0027-70313	10027	70313	551	536	0.641	Yes	Yes	456.9936	440	0.782	Yes	Yes	81.26327	83	0.183	13.16455	13	0.009
991	Calibration	Ipswich	Jn 25	n 25 Fonnereau Road - Crown Street to Crown Stree	0	Jan-15	MCC	No	0028-70307	10028	70307	583	625	1.683	Yes	Yes	523.9668	570	1.962	Yes	Yes	48.3465	45	0.427	11.13924	10	0.488
995	Calibration	Ipswich	Jn 26	n 26 Grimwade Street - Fore Street to Fore Street W	0	Jan-15	MCC	No	0061-10108	10061	10108	1208	1201	0.212	Yes	Yes	1064.677	1053	0.371	Yes	Yes	117.266	122	0.408	26.32911	27	0.048
1005	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street to Fore Street W	0	Jan-15	MCC	No	0068-10053	10068	10053	60	212	12.994	No	No	55.1544	199	12.769	No	No	4.114596	12	2.665	1.012658	1	0.130
1006	Calibration	Ipswich	Jn 31	Jn 31 Slade Street - Key Street to Slade Street	0	Jan-15	MCC	No	0014-10056	10014	10056	116	352	15.461	No	No	101.4447	318	14.938	No	No	12.34379	33	4.416	2.025316	1	0.658
1008	Calibration	Ipswich	Jn 31	Jn 31 Slade Street - Key Street to Key Street W	0	Jan-15	MCC	No	0014-70008	10014	70008	1092	966	3.914	Yes	Yes	974.0661	839	4.489	Yes	Yes	94.63571	104	0.964	23.29113	23	0.008
1011	Calibration	Ipswich	Jn 32	n 32 Lower Orwell Street - Key Street to Key Street W	0	Jan-15	MCC	No	0013-10012	10013	10012	1119	967	4.708	Yes	Yes	994.749	839	5.150	No	No	101.8363	105	0.283	22.27847	23	0.213
1012	Calibration	Ipswich	Jn 33	3 Foundation Street - Star Lane to Foundation Stree	0	Jan-15	MCC	No	0042-10043	10042	10043	316	381	3.504	Yes	Yes	301.3794	361	3.300	Yes	Yes	13.37244	19	1.365	1.012658	1	0.157
1013	Calibration	Ipswich	Jn 33	Jn 33 Foundation Street - Star Lane to Star Lane E	0	Jan-15	MCC	No	0042-10094	10042	10094	1050	920	4.149	Yes	Yes	908.0778	802	3.615	Yes	Yes	119.3233	95	2.385	22.27847	22	0.043
1014	Calibration	Ipswich	Jn 33	3 Foundation Street - Star Lane to Foundation Stree	0	Jan-15	MCC	No	0042-70118	10042	70118	0	0	0.499	Yes	Yes	0	0	0.424	Yes	Yes	0	0	0.245	0	0	0.093
1016	Calibration	Ipswich	Jn 34	pper Brook Street - Dogs Head Street to Upper Broo	0	Jan-15	MCC	No	0045-10118	10045	10118	64	0	11.330	No	Yes	33.4866	0	8.184	No	Yes	21.60163	0	6.573	9.113921	0	4.266
1017	Calibration	Ipswich	Jn 34	Upper Brook Street - Dogs Head Street to Tacket St	0	Jan-15	MCC	No	0045-10076	10045	10076	39	35	0.711	Yes	Yes	27.5772	29	0.210	Yes	Yes	9.257841	4	1.918	2.025316	2	0.323
1018	Calibration	Ipswich	Jn 34	pper Brook Street - Dogs Head Street to Lower Broo	0	Jan-15	MCC	No	0045-10132	10045	10132	30	150	12.697	No	No	28.5621	136	11.844	No	No	1.028649	14	4.631	0	0	0.844
1020	Calibration	Ipswich	Jn 35	35 Warwick Road - St Helen's Street to Warwick Ro	0	Jan-15	MCC	No	0069-20324	20069	20324	33	56	3.560	Yes	Yes	32.5017	53	3.165	Yes	Yes	0	3	2.371	0	0	0.604
1022	Calibration	Ipswich	Jn 35	n 35 Warwick Road - St Helen's Street to Grove Lan	0	Jan-15	MCC	No	0069-20073	20069	20073	197	189	0.555	Yes	Yes	174.3273	171	0.223	Yes	Yes	20.57298	18	0.628	2.025316	0	2.013
1023	Calibration	Ipswich	Jn 35	5 Warwick Road - St Helen's Street to St Helen's St	0	Jan-15	MCC	No	0069-30454	20069	30454	370	350	1.056	Yes	Yes	326.9868	312	0.848	Yes	Yes	39.08866	38	0.136	4.050632	0	2.846
1024	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street to Bond Street	0	Jan-15	MCC	No	0050-70125	10050	70125	292	213	4.992	Yes	Yes	251.1495	183	4.634	Yes	Yes	33.94542	30	0.703	7.088605	0	3.765
1025	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street to Rope Walk	0	Jan-15	MCC	No	0050-10102	10050	10102	10	10	0.018	Yes	Yes	8.8641	9	0.025	Yes	Yes	1.028649	1	0.018	0	0	0.000
1029	Validation	Ipswich	Jn 37	n 37 Grimwalde Street - Rope Walk to Rope Walk E	0	Jan-15	MCC	No	0019-70201	10019	70201	7	0	3.725	Yes	Yes	5.9094	0	3.438	Yes	Yes	1.028649	0	1.434	0	0	0.000
1030	Validation	Ipswich	Jn 37	17 Grimwalde Street - Rope Walk to Grimwade Stree	0	Jan-15	MCC	No	0019-10104	10019	10104	678	581	3.844	Yes	Yes	620.487	514	4.486	Yes	No	39.08866	60	2.981	18.22784	8	2.950
1031	Validation	Ipswich	Jn 37	n 37 Grimwalde Street - Rope Walk to Rope Walk W	0	Jan-15	MCC	No	0019-10102	10019	10102	32	21	2.155	Yes	Yes	28.5621	20	1.740	Yes	Yes	3.085947	1	1.792	0	0	0.000
1032	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane to Foxhall Road	0	Jan-15	MCC	No	0074-20282	20074	20282	323	319	0.203	Yes	Yes	286.6059	286	0.064	Yes	Yes	31.88812	33	0.263	4.050632	0	2.846
1033	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane to Back Hamlet	0	Jan-15	MCC	No	0074-30762	20074	30762	154	154	0.009	Yes	Yes	147.735	148	0.018	Yes	Yes	6.171894	6	0.066	0	0	0.336
1034	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane to Grove Lane	0	Jan-15	MCC	No	0074-20073	20074	20073	420	389	1.546	Yes	Yes	391.9902	363	1.500	Yes	Yes	26.74488	25	0.341	1.012658	1	0.209
1035	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road to Britannia Roa	0	Jan-15	MCC	No	0078-20349	20078	20349	113	111	0.237	Yes	Yes	109.3239	107	0.251	Yes	Yes	4.114596	4	0.047	0	0	0.000
1036	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road to Foxhall Road	0	Jan-15	MCC	No	0078-30445	20078	30445	508	513	0.234	Yes	Yes	462.903	471	0.361	Yes	Yes	41.14596	43	0.238	4.050632	0	2.846
1037	Calibration	Ipswich	Jn 39	Jn 39 Britannia Road - Foxhall Road to Dover Road	0	Jan-15	MCC	No	0078-30659	20078	30659	13	13	0.037	Yes	Yes	11.8188	12	0.047	Yes	Yes	1.028649	1	0.028	0	0	0.000
1038	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road to Foxhall Road	0	Jan-15	MCC	No	0078-30441	20078	30441	341	332	0.468	Yes	Yes	313.1982	308	0.278	Yes	Yes	25.71623	24	0.332	2.025316	0	2.013
1039	Calibration	Ipswich	Jn 40	40 Clapgate Lane - Landseer Road to Clapgate Lane	0	Jan-15	MCC	No	0235-70088	30235	70088	164	161	0.212	Yes	Yes	151.6746	149	0.182	Yes	Yes	12.34379	12	0.139	0	0	0.162
1041	Calibration	Ipswich	Jn 40	40 Clapgate Lane - Landseer Road to Clapgate Lane	0	Jan-15	MCC	No	0235-30376	30235	30376	154	64	8.602	No	Yes	138.8709	62	7.726	No	Yes	15.42974	3	4.174	0	0	0.093
1043	Calibration	Ipswich	Jn 41	11 Holywells Road - Landseer Road to Holywells Ro	0	Jan-15	MCC	No	0227-70115	30227	70115	504	492	0.526	Yes	Yes	417.5976	413	0.220	Yes	Yes	55.54705	49	0.900	30.37974	30	0.136
1045	Calibration	Ipswich	Jn 41	11 Holywells Road - Landseer Road to Landseer Ro	0	Jan-15	MCC	No	0227-30228	30227	30228	285	263	1.306	Yes	Yes	196.98	198	0.058	Yes	Yes	44.23191	44	0.006	43.54429	21	3.938
1047	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Levington Roa	0	Jan-15	MCC	No	0244-70083	30244	70083	47	192	13.187	No	No	42.3507	168	12.283	No	No	5.143245	23	4.797	0	0	0.336
1048	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Nacton Road	0	Jan-15	MCC	No	0244-30242	30244	30242	277	276	0.036	Yes	Yes	246.225	248	0.082	Yes	Yes	29.83082	29	0.162	1.012658	0	1.423
1049	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Clapgate Lan	0	Jan-15	MCC	No	0244-30243	30244	30243	195	377	10.762	No	No	171.3726	345	10.825	No	No	20.57298	31	2.048	3.037974	1	1.773
1050	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Nacton Road	0	Jan-15	MCC	No	0244-30437	30244	30437	222	254	2.048	Yes	Yes	185.1612	225	2.751	Yes	Yes	34.97407	29	1.016	2.025316	0	2.013
1061	Calibration	Ipswich	Jn 45	45 Brunswick Road - Albion Hill to Woodbridge Roa	0	Jan-15	MCC	No	0056-20057	20056	20057	521	499	0.955	Yes	Yes	459.9483	445	0.684	Yes	Yes	54.5184	54	0.128	6.075947	0	3.486
1063	Calibration	Ipswich	Jn 45	Jn 45 Brunswick Road - Albion Hill to Albion Hill	0	Jan-15	MCC	No	0056-20056	20056	20056	510	503	0.330	Yes	Yes	466.8426	462	0.242	Yes	Yes	40.11731	41	0.062	3.037974	0	1.985
1064	Calibration	Ipswich	Jn 46	Rushmere Road - Woodbridge Road to Rushmere I	0	Jan-15	MCC	No	0058-20059	20058	20059	156	234	5.536	No	Yes	136.9011	208	5.406	No	Yes	19.54433	26	1.331	0	0	1.005
1065	Calibration	Ipswich	Jn 46	ushmere Road - Woodbridge Road to Woodbridge F	0	Jan-15	MCC	No	0058-20084	20058	20084	381	363	0.932	Yes	Yes	330.9264	321	0.550	Yes	Yes	43.20326	42	0.149	7.088605	0	3.765
1066	Calibration	Ipswich	Jn 46	ushmere Road - Woodbridge Road to Cauldwell Ha	0	Jan-15	MCC	No	0058-20065	20058	20065	219	205	0.923	Yes	Yes	191.0706	178	0.968	Yes	Yes	27.77352	27	0.146	0	0	0.974
1067	Calibration	Ipswich	Jn 46	ushmere Road - Woodbridge Road to Woodbridge R	0	Jan-15	MCC	No	0058-20057	20058	20057	644	636	0.315	Yes	Yes	583.0608	578	0.217	Yes	Yes	56.5757	58	0.132	4.050632	0	2.539
1077	Calibration	Ipswich	Jn 49	Jn 49 Wherstead Road - A137 to The Strand	0	Jan-15	MCC	No	0220-30691	30220	30691	377	380	0.167	Yes	Yes	292.6341	297	0.245	Yes	Yes	74.06273	73	0.089	10.12658	10	0.063
1080	Calibration	Ipswich	Jn 50	50 Wherstead Road - Bostock Road to Industrial Est	0	Jan-15	MCC	No	0219-30783	30219	30783	12	26	3.113	Yes	Yes	3.9396	16	3.835	Yes	Yes	2.057298	2	0.054	6.075947	8	0.558
1093	Calibration	Ipswich	In G1	Gyr01-1 From Woodbridge Rd (A)	0	Jan-15	MCC	No	0321-10021	70321	10021	254	256	0.140	Yes	Yes	230.4666	233	0.145	Yes	Yes	22.63028	24	0.216	1.012658	0	1.423
1094	Calibration	Ipswich	In G1	Gyr01-1 To Woodbridge Rd (A)	0	Jan-15	MCC	No	0021-70321	10021	70321	413	407	0.332	Yes	Yes	351.6093	353	0.073	Yes	Yes	54.5184	54	0.136	7.088605	0	3.765
1095	Calibration	Ipswich	In G1	Gyr01-2 From Argyle Street	0	Jan-15	MCC	No	0021-10020	10021	10020	697	709	0.451	Yes	Yes	611.6229	621	0.360	Yes	Yes	74.06273	81	0.745	11.13924	8	1.153
1096	Calibration	Ipswich	In G1	Gyr01-2 From St Helens Street E	0	Jan-15	MCC	No	0202-10020	70202	10020	666	642	0.941	Yes	Yes	611.6229	595	0.669	Yes	Yes	49.37515	47	0.371	5.06329	0	3.182
1097	Calibration	Ipswich	In G1	Gyr01-2 To St Helens Street E	0	Jan-15	MCC	No	0020-70202	10020	70202	151	172	1.702	Yes	Yes	124.0974	148	2.016	Yes	Yes	22.63028	25	0.452	4.050632	0	2.846
1099	Calibration	Ipswich	In G1	Gyr01-2 To St Helens Street W	0	Jan-15	MCC	No	0020-10100	10020	10100	491	576	3.680	Yes	Yes	446.1597	534	3.989	Yes	Yes	40.11731	42	0.277	5.06329	0	3.182
1100	Calibration	Ipswich	In G1	Gyr01-3 From Orchard Street	0	Jan-15	MCC	No	0101-10101	10101	10100	154	106	4.180	Yes	Yes	142.8105	97	4.154	Yes	Yes	9.257841	9	0.055	2.025316	0	2.013
1102	Calibration	Ipswich	In G1	Gyr 01-5 From St Helens Street E	0	Jan-15	MCC	No	0049-10048	10049	10048	923	896	0.908	Yes	Yes	823.3764	815	0.307	Yes	Yes	86.40652	81	0.592	13.16455	0	5.131
1103	Calibration	Ipswich	In G1	Gyr 01-5 From Upper Orwell Street	0	Jan-15	MCC	No	0126-10048	10126	10048	67	169	9.397	No	No	51.2148	148	9.688	No	Yes	13.37244	18	1.152	2.025316	3	0.439
1104	Calibration	Ipswich	In G1	Gyr 01-5 To Upper Orwell Street	0	Jan-15	MCC	No	0048-10126	10048	10126	194	192	0.193	Yes	Yes	184.1763	182	0.198	Yes	Yes	10.28649	10	0.002	0	0	0.000
1105	Calibration	Ipswich	In G1	Gyr 01-5 To Old Foundry Road	0	Jan-15	MCC	No	0048-10063	10048	10063	77	71	0.708	Yes	Yes	60.0789	60	0.009	Yes	Yes	11.31514	11	0.088	6.075947	0	3.321
1106	Calibration	Ipswich	In G1	Gyr 01-5 To St Helens Street W	0	Jan-15	MCC	No	0048-10047	10048	10047	718	801	3.026	Yes	Yes	630.336	721	3.482	Yes	Yes	78.17733	78	0.062	9.113921	3	2.735
1109	Calibration	Ipswich	In G1	Gyr01-9 From Woodbridge Road W	0	Jan-15	MCC	No	0022-10113	10022	10113	1081	1051	0.914	Yes	Yes	935.655	925	0.352	Yes	Yes	115.2087	119	0.340	30.37974	8	5.229
1126	Calibration	Ipswich	In G3	Gyr03-3 From Commercial Road E	0	Jan-15	MCC	No	0001-20005	20001	20005	643	605	1.545	Yes	Yes	546.6195	509	1.637	Yes	Yes	84.34922	79	0.548	12.15189	16	1.057
1129	Calibration	Ipswich	In G3	Gyr03-3 To Commercial Road W	0	Jan-15	MCC	No	0005-20006	20005	20006	965	926	1.286	Yes	Yes	864.7422	823	1.433	Yes	Yes	87.43517	86	0.108	13.16455	16	0.802
1130	Calibration	Ipswich	In G3	Gyr 03-4 To West End Road	0	Jan-15	MCC	No	0006-20009	20006	20009	329	334	0.276	Yes	Yes	281.6814	282	0.018	Yes	Yes	36.00272	38	0.299	11.13924	14	0.821
1131	Calibration	Ipswich	In G3	Gyr 03-4 From West End Road	0	Jan-15	MCC	No	0009-20008	20009	20008	330	304	1.469	Yes	Yes	272.8173	248	1.540	Yes	Yes	46.28921	44	0.380	11.13924	12	0.363
1132	Calibration	Ipswich	In G3	Gyr 03-5 To Russell Road	0	Jan-15	MCC	No	0007-20011	20007	20011	213	200	0.954	Yes	Yes	196.98	184	0.935	Yes	Yes	15.42974	15	0.198	1.012658	1	0.043
1133	Calibration	Ipswich	In G3	Gyr 03-5 From Russell Road	0	Jan-15	MCC	No	0011-20007	20011	20007	47	48	0.174	Yes	Yes	39.396	39	0.087	Yes	Yes	7.200543	7	0.071	0	2	1.965
1134	Calibration	Ipswich	In G3	Gyr 03-6 From Princes St N	0	Jan-15	MCC	No	0003-20004	20003	20004	169	172	0.190	Yes	Yes	144.7803	147	0.177	Yes	Yes	23.65893	24	0.000	1.012658	1	0.329
1135	Calibration	Ipswich	In G3	Gyr 03-6 To Princes St N	0	Jan-15	MCC	No	0004-20003	20004	20003	389	365	1.236	Yes	Yes	345.6999	322	1.276	Yes	Yes	40.11731	39	0.203	3.037974	4	0.327
1136	Calibration	Ipswich	In G3	Gyr 03-6 To Chancery Road E	0	Jan-15	MCC	No	0004-20002	20004	20002	638	601	1.483	Yes	Yes	552.5289	518	1.483	Yes	Yes	70.97678	67	0.423	14.17721	15	0.246
1137	Calibration	Ipswich	In G3	Gyr 03-6 From Chancery Road W	0	Jan-15	MCC	No	0343-20004	20343	20004	854	793	2.122	Yes	Yes	750.4938	693	2.131	Yes	Yes	87.43517	83	0.519	16.20253	17	0.280
1150	Calibration	ury St. Edmund	1	JTC 1_A-In	0	Jan-16	MCC	No	2304-2107	2304	2107	616	614	0.080	Yes	Yes	440	436	0.207	Yes	Yes	145	147	0.161	31	31	0.072
1151	Calibration	ury St. Edmund	1	JTC 1_A-Out	0	Jan-16	MCC	No	2107-2304	2107	2304	975	930	1.451	Yes	Yes	821	769	1.858	Yes	Yes	132	137	0.456	22	24	0.480
1153	Calibration	ury St. Edmund	1	JTC 1_B-Out	0	Jan-16	MCC	No	2102-2103	2102	2103	320	315	0.298	Yes	Yes	236	248	0.773	Yes	Yes	53	53	0.003	31	14	3.665
1154	Calibration	ury St. Edmund	1	JTC 1_C-In	0	Jan-16	MCC	No	2110-2100	2110	2100	1081	1078	0.083	Yes	Yes	895	886	0.290	Yes	Yes	145	147	0.166	41	45	0.600
1155	Calibration	ury St. Edmund	1	JTC 1_C-Out	0	Jan-16	MCC	No	2100-2110	2100	2110	1392	1420	0.740	Yes	Yes	1181	1183	0.065	Yes	Yes	177	183	0.474	34	53	2.898
1157	Calibration	ury St. Edmund	1	JTC 1_D-Out	0	Jan-16	MCC	No	2099-2097	2099	2097	565	506	2.557	Yes	Yes	418	412	0.318	Yes	Yes	108	45	7.208	39	49	1.557
1161	Calibration	ury St. Edmund	2	JTC 2_B-Out	0	Jan-16	MCC	No	2088-2091	2088	2091	563	543	0.863	Yes	Yes	420	412	0.402	Yes	Yes	85	75	1.172	58	56	0.216
1164	Calibration	ury St. Edmund	2	JTC 2_D-In	0	Jan-16	MCC	No	5819-5820	5819	5820	266	266	0.025	Yes	Yes	214	214	0.021	Yes	Yes	45	45	0.012	7	7	0.005
1165	Calibration	ury St. Edmund	2	JTC 2_D-Out	0	Jan-16	MCC	No	5820-5819	5820	5819	224	224	0.025	Yes	Yes	180	180	0.009	Yes	Yes	39	39	0.000	5	5	0.109
1167	Calibration	ury St. Edmund	2	JTC 2_E-Out	0	Jan-16	MCC	No	2083-2084	2083	2084	547	498	2.132	Yes	Yes	393	400	0.349	Yes	Yes	87	50	4.412	67	48	2.520
1171	Calibration	ury St. Edmund	3	JTC 3_B-Out	0	Jan-16	MCC	No	2197-2204	2197	2204	372	355	0.904	Yes	Yes	303	288	0.851	Yes	Yes	53	50	0.381	16	16	0.038

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1173	Calibration	ury St. Edmund	3	JTC 3_C-Out	0	Jan-16	MCC	No	2200-2205	2200	2205	800	681	4.357	Yes	Yes	721	639	3.160	Yes	Yes	59	35	3.420	20	7	3.426
1177	Calibration	ury St. Edmund	3	JTC 3_E-Out	0	Jan-16	MCC	No	2195-2193	2195	2193	557	577	0.853	Yes	Yes	438	438	0.005	Yes	Yes	96	96	0.011	23	43	3.495
1178	Validation	ury St. Edmund	4	JTC 4_A-In	0	Jan-16	MCC	No	2094-2080	2094	2080	423	406	0.853	Yes	Yes	359	351	0.416	Yes	Yes	43	45	0.318	21	9	2.991
1179	Validation	ury St. Edmund	4	JTC 4_A-Out	0	Jan-16	MCC	No	2080-2094	2080	2094	450	642	8.235	No	No	384	561	8.127	No	No	52	66	1.778	14	16	0.570
1180	Validation	ury St. Edmund	4	JTC 4_B-In	0	Jan-16	MCC	No	2081-2080	2081	2080	933	985	1.682	Yes	Yes	805	809	0.141	Yes	Yes	101	135	3.156	27	41	2.367
1181	Validation	ury St. Edmund	4	JTC 4_B-Out	0	Jan-16	MCC	No	2080-2081	2080	2081	644	639	0.187	Yes	Yes	532	529	0.135	Yes	Yes	80	89	0.980	32	21	2.058
1182	Validation	ury St. Edmund	4	JTC 4_C-In	0	Jan-16	MCC	No	2249-2080	2249	2080	599	470	5.584	No	No	550	390	7.387	No	No	46	72	3.420	3	8	2.047
1183	Validation	ury St. Edmund	4	JTC 4_C-Out	0	Jan-16	MCC	No	2080-2249	2080	2249	682	487	8.081	No	No	606	384	9.986	No	No	66	85	2.225	10	17	2.012
1184	Validation	ury St. Edmund	4	JTC 4_D-In	0	Jan-16	MCC	No	2079-2080	2079	2080	541	737	7.736	No	No	455	652	8.361	No	No	68	69	0.063	18	16	0.402
1185	Validation	ury St. Edmund	4	JTC 4_D-Out	0	Jan-16	MCC	No	2080-2079	2080	2079	720	829	3.902	Yes	No	647	728	3.085	Yes	Yes	60	81	2.546	13	19	1.563
1186	Calibration	ury St. Edmund	5	JTC 5_A-In	0	Jan-16	MCC	No	2076-2077	2076	2077	611	658	1.870	Yes	Yes	544	577	1.373	Yes	Yes	56	70	1.809	11	11	0.064
1187	Calibration	ury St. Edmund	5	JTC 5_A-Out	0	Jan-16	MCC	No	2077-2076	2077	2076	577	602	1.035	Yes	Yes	505	512	0.318	Yes	Yes	56	73	2.111	16	17	0.248
1188	Calibration	ury St. Edmund	5	JTC 5_B-In	0	Jan-16	MCC	No	2128-2077	2128	2077	101	101	0.013	Yes	Yes	85	85	0.015	Yes	Yes	14	14	0.003	2	2	0.000
1189	Calibration	ury St. Edmund	5	JTC 5_B-Out	0	Jan-16	MCC	No	2077-2128	2077	2128	126	125	0.108	Yes	Yes	100	100	0.026	Yes	Yes	24	23	0.273	2	2	0.110
1190	Calibration	ury St. Edmund	5	JTC 5_C-In	0	Jan-16	MCC	No	2075-2077	2075	2077	680	687	0.268	Yes	Yes	588	594	0.238	Yes	Yes	76	76	0.039	16	17	0.218
1191	Calibration	ury St. Edmund	5	JTC 5_C-Out	0	Jan-16	MCC	No	2077-2075	2077	2075	769	755	0.503	Yes	Yes	691	678	0.506	Yes	Yes	62	61	0.071	16	16	0.024
1192	Calibration	ury St. Edmund	5	JTC 5_D-In	0	Jan-16	MCC	No	2095-2077	2095	2077	604	606	0.064	Yes	Yes	541	543	0.067	Yes	Yes	52	52	0.015	11	11	0.035
1193	Calibration	ury St. Edmund	5	JTC 5_D-Out	0	Jan-16	MCC	No	2077-2095	2077	2095	524	570	1.951	Yes	Yes	462	508	2.071	Yes	Yes	56	56	0.028	6	6	0.088
1194	Calibration	ury St. Edmund	6	JTC 6_A-In	0	Jan-16	MCC	No	2073-2071	2073	2071	550	535	0.628	Yes	Yes	486	472	0.639	Yes	Yes	49	48	0.079	15	15	0.024
1195	Calibration	ury St. Edmund	6	JTC 6_A-Out	0	Jan-16	MCC	No	2071-2073	2071	2073	901	908	0.248	Yes	Yes	808	814	0.205	Yes	Yes	77	78	0.085	16	17	0.210
1196	Calibration	ury St. Edmund	6	JTC 6_B-In	0	Jan-16	MCC	No	2072-2251	2072	2251	339	408	3.558	Yes	Yes	304	350	2.526	Yes	Yes	32	51	2.907	3	7	1.928
1197	Calibration	ury St. Edmund	6	JTC 6_B-Out	0	Jan-16	MCC	No	2251-2072	2251	2072	375	373	0.108	Yes	Yes	346	341	0.296	Yes	Yes	28	28	0.036	1	5	2.141
1198	Calibration	ury St. Edmund	6	JTC 6_C-In	0	Jan-16	MCC	No	2113-2251	2113	2251	710	577	5.235	No	No	625	528	4.035	Yes	Yes	73	40	4.375	12	9	0.937
1199	Calibration	ury St. Edmund	6	JTC 6_C-Out	0	Jan-16	MCC	No	2251-2113	2251	2113	387	365	1.129	Yes	Yes	331	328	0.138	Yes	Yes	42	25	2.902	14	11	0.718
1200	Calibration	ury St. Edmund	6	JTC 6_D-In	0	Jan-16	MCC	No	5822-2071	5822	2071	607	604	0.134	Yes	Yes	539	537	0.097	Yes	Yes	55	53	0.261	13	14	0.241
1201	Calibration	ury St. Edmund	6	JTC 6_D-Out	0	Jan-16	MCC	No	2071-5822	2071	5822	543	478	2.894	Yes	Yes	469	404	3.130	Yes	Yes	62	62	0.036	12	12	0.082
1206	Validation	Felixstowe	7	JTC 7_C-In	0	Jan-16	MCC	No	2918-2914	2918	2914	1617	1542	1.884	Yes	Yes	1227	1145	2.385	Yes	Yes	215	222	0.450	175	176	0.047
1207	Validation	Felixstowe	7	JTC 7_C-Out	0	Jan-16	MCC	No	2914-2917	2914	2917	1399	1529	3.394	Yes	Yes	1033	1115	2.494	Yes	Yes	107	116	0.866	259	298	2.336
1208	Calibration	Felixstowe	8	JTC 8_A-In	0	Jan-16	MCC	No	5821-2870	5821	2870	65	79	1.532	Yes	Yes	53	62	1.148	Yes	Yes	12	12	0.000	0	5	3.215
1209	Calibration	Felixstowe	8	JTC 8_A-Out	0	Jan-16	MCC	No	2870-5821	2870	5821	212	70	11.915	No	No	198	56	12.632	No	No	14	9	1.319	0	5	3.230
1212	Calibration	Felixstowe	8	JTC 8_C-In	0	Jan-16	MCC	No	2864-2870	2864	2870	158	139	1.569	Yes	Yes	37	37	0.005	Yes	Yes	21	21	0.002	100	81	2.006
1213	Calibration	Felixstowe	8	JTC 8_C-Out	0	Jan-16	MCC	No	2870-2864	2870	2864	312	278	1.974	Yes	Yes	226	224	0.133	Yes	Yes	24	24	0.006	62	30	4.708
1230	Calibration	Ipswich	10	JTC 10_B-In	0	Jan-16	MCC	No	0064-3006	30064	30062	676	683	0.285	Yes	Yes	594	604	0.420	Yes	Yes	68	68	0.030	14	11	0.735
1236	Calibration	Ipswich	11	JTC 11_A-In	0	Jan-16	MCC	No	0048-3079	30048	30799	1170	1158	0.360	Yes	Yes	934	964	0.988	Yes	Yes	161	146	1.183	75	47	3.595
1237	Calibration	Ipswich	11	JTC 11_A-Out	0	Jan-16	MCC	No	0796-3004	30796	30048	1348	1447	2.645	Yes	Yes	1100	1260	4.664	Yes	Yes	171	121	4.111	77	65	1.380
1240	Calibration	Ipswich	11	JTC 11_C-In	0	Jan-16	MCC	No	0040-3079	50040	30797	1985	2133	3.252	Yes	Yes	1446	1557	2.864	Yes	Yes	326	349	1.262	213	226	0.903
1241	Calibration	Ipswich	11	JTC 11_C-Out	0	Jan-16	MCC	No	0798-5004	30798	50041	1992	1643	8.192	No	No	1344	1216	3.591	Yes	Yes	422	264	8.527	226	163	4.503
1245	Calibration	Ipswich	12	JTC 12_A-Out	0	Jan-16	MCC	No	0026-3002	30026	30025	291	282	0.506	Yes	Yes	205	213	0.540	Yes	Yes	67	67	0.002	19	3	4.968
1250	Calibration	Ipswich	12	JTC 12_D-In	0	Jan-16	MCC	No	0134-3002	30134	30026	503	504	0.039	Yes	Yes	432	434	0.100	Yes	Yes	70	67	0.361	1	3	1.289
1251	Calibration	Ipswich	12	JTC 12_D-Out	0	Jan-16	MCC	No	0026-3013	30026	30134	219	233	0.931	Yes	Yes	167	167	0.037	Yes	Yes	48	58	1.326	4	8	1.590
1253	Calibration	Ipswich	13	JTC 13_A-Out	0	Jan-16	MCC	No	0016-5001	50016	50013	243	411	9.294	No	No	158	326	10.781	No	No	57	61	0.480	28	25	0.634
1254	Calibration	Ipswich	13	JTC 13_B-In	0	Jan-16	MCC	No	0006-5001	50006	50015	802	760	1.500	Yes	Yes	691	667	0.933	Yes	Yes	99	85	1.498	12	9	1.010
1255	Calibration	Ipswich	13	JTC 13_B-Out	0	Jan-16	MCC	No	0014-5000	50014	50006	693	701	0.302	Yes	Yes	603	612	0.363	Yes	Yes	82	81	0.115	8	8	0.021
1257	Calibration	Ipswich	13	JTC 13_C-Out	0	Jan-16	MCC	No	0015-5001	50015	50019	775	669	3.932	Yes	Yes	622	568	2.218	Yes	Yes	101	89	1.268	52	13	6.892
1258	Calibration	Ipswich	13	JTC 13_D-In	0	Jan-16	MCC	No	0505-5001	30505	50018	93	36	7.065	No	Yes	68	27	5.935	No	Yes	21	7	3.832	4	2	0.892
1259	Calibration	Ipswich	13	JTC 13_D-Out	0	Jan-16	MCC	No	0018-3050	50018	30505	205	35	15.458	No	No	185	31	14.761	No	No	14	2	4.060	6	2	2.211
1265	Calibration	Ipswich	14	JTC 14_C-In	0	Jan-16	MCC	No	0511-3001	30511	30010	216	216	0.020	Yes	Yes	169	169	0.025	Yes	Yes	44	44	0.003	3	3	0.028
1266	Calibration	Ipswich	14	JTC 14_C-Out	0	Jan-16	MCC	No	0010-3051	30010	30511	508	505	0.115	Yes	Yes	439	438	0.061	Yes	Yes	65	65	0.006	4	3	0.750
1267	Calibration	Ipswich	14	JTC 14_D-Out	0	Jan-16	MCC	No	0010-3001	30010	30013	457	465	0.351	Yes	Yes	317	310	0.417	Yes	Yes	118	115	0.261	22	40	3.193
1268	Calibration	Ipswich	14	JTC 14_E-In	0	Jan-16	MCC	No	0008-3001	30008	30010	503	500	0.147	Yes	Yes	433	429	0.190	Yes	Yes	62	61	0.160	8	10	0.632
1270	Calibration	Newmarket	15	JTC 15_A-In	0	Jan-16	MCC	No	2502-2503	2502	2503	871	892	0.714	Yes	Yes	654	674	0.768	Yes	Yes	122	122	0.014	95	97	0.161
1271	Calibration	Newmarket	15	JTC 15_A-Out	0	Jan-16	MCC	No	2503-2502	2503	2502	848	855	0.250	Yes	Yes	618	625	0.269	Yes	Yes	153	153	0.005	77	78	0.060
1273	Calibration	Newmarket	15	JTC 15_B-Out	0	Jan-16	MCC	No	2504-2507	2504	2507	455	450	0.212	Yes	Yes	339	341	0.099	Yes	Yes	69	62	0.816	47	47	0.040
1279	Calibration	Newmarket	15	JTC 15_E-Out	0	Jan-16	MCC	No	2505-2496	2505	2496	643	684	1.582	Yes	Yes	480	530	2.231	Yes	Yes	104	91	1.339	59	63	0.490
1280	Calibration	Newmarket	15	JTC 15_F-In	0	Jan-16	MCC	No	2495-2503	2495	2503	387	391	0.219	Yes	Yes	284	288	0.257	Yes	Yes	67	67	0.000	36	36	0.004
1282	Calibration	Newmarket	16	JTC 16_A-In	0	Jan-16	MCC	No	2448-2447	2448	2447	736	706	1.127	Yes	Yes	599	594	0.190	Yes	Yes	114	89	2.533	23	23	0.023
1283	Calibration	Newmarket	16	JTC 16_A-Out	0	Jan-16	MCC	No	2447-2448	2447	2448	824	835	0.386	Yes	Yes	718	721	0.101	Yes	Yes	90	98	0.823	16	16	0.108
1286	Calibration	Newmarket	16	JTC 16_C-In	0	Jan-16	MCC	No	3436-2447	3436	2447	574	580	0.244	Yes	Yes	512	512	0.005	Yes	Yes	59	59	0.008	3	9	2.353
1287	Calibration	Newmarket	16	JTC 16_C-Out	0	Jan-16	MCC	No	2447-3436	2447	3436	460	459	0.045	Yes	Yes	361	362	0.055	Yes	Yes	86	86	0.008	13	11	0.597
1288	Calibration	Newmarket	16	JTC 16_D-In	0	Jan-16	MCC	No	2972-2447	2972	2447	482	444	1.756	Yes	Yes	389	350	2.038	Yes	Yes	79	81	0.177	14	14	0.049
1289	Calibration	Newmarket	16	JTC 16_D-Out	0	Jan-16	MCC	No	2447-2972	2447	2972	574	512	2.670	Yes	Yes	470	409	2.910	Yes	Yes	88	87	0.128	16	16	0.003
1291	Calibration	Newmarket	16	JTC 16_E-Out	0	Jan-16	MCC	No	2972-2449	2972	2449	57	72	1.900	Yes	Yes	48	65	2.252	Yes	Yes	8	6	0.565	1	1	0.130
1294	Validation	Stowmarket	17	JTC 17_B-In	0	Jan-16	MCC	No	2402-2404	2402	2404	429	583	6.836	No	No	312	382	3.752	Yes	Yes	82	154	6.607	35	47	1.894
1295	Validation	Stowmarket	17	JTC 17_B-Out	0	Jan-16	MCC	No	2411-2403	2411	2403	769	895	4.361	Yes	No	665	780	4.276	Yes	No	69	61	1.049	35	54	2.887
1296	Validation	Stowmarket	17	JTC 17_C-In	0	Jan-16	MCC	No	2394-2405	2394	2405	958	876	2.695	Yes	Yes	804	790	0.493	Yes	Yes	108	38	8.149	46	48	0.291
1297	Validation	Stowmarket	17	JTC 17_C-Out	0	Jan-16	MCC	No	2405-2394	2405	2394	742	663	2.987	Yes	Yes	590	470	5.199	No	No	102	147	4.031	50	46	0.638
1298	Validation	Stowmarket	17	JTC 17_D-In	0	Jan-16	MCC	No	2415-2406	2415	2406	188	210	1.543	Yes	Yes	170	183	0.942	Yes	Yes	12	16	1.126	6	11	1.725
1299	Validation	Stowmarket	17	JTC 17_D-Out	0	Jan-16	MCC	No	2406-2415	2406	2415	432	553	5.453	No	No	351	486	6.591	No	No	62	47	2.061	19	20	0.313
1300	Validation	Stowmarket	17	JTC 17_E-In	0	Jan-16	MCC	No	2408-2409	2408	2409	261	285	1.437	Yes	Yes	201	235	2.319	Yes	Yes	42	40	0.354	18	10	2.215
1302	Calibration	Stowmarket	18	JTC 18_A-In	0	Jan-16	MCC	No	3895-2364	3895	2364	508	508	0.003	Yes	Yes	457	456	0.070	Yes	Yes	38	38	0.002	13	14	0.385
1303	Calibration	Stowmarket	18	JTC 18_A-Out	0	Jan-16	MCC	No	2364-3895	2364	3895	237	238	0.068	Yes	Yes	173	174	0.050	Yes	Yes	55	55	0.011	9	9	0.103
1304	Calibration	Stowmarket	18	JTC 18_B-In	0	Jan-16	MCC	No	2361-2364	2361	2364	643	686	1.656	Yes	Yes	541	586	1.895	Yes	Yes	84	80	0.494	18	20	0.494
1305	Calibration	Stowmarket	18	JTC 18_B-Out	0	Jan-16	MCC	No	2364-2361	2364	2361	568	569	0.036	Yes	Yes	483	481	0.113	Yes	Yes	68	68	0.001	17	20	0.777
1306	Calibration	Stowmarket	18	JTC 18_C-In	0	Jan-16	MCC	No	2369-2365	2369	2365	147	149	0.156	Yes	Yes	101	102	0.132	Yes	Yes	38	39	0.082	8	8	0.021
1307	Calibration	Stowmarket	18	JTC 18_C-Out	0	Jan-16	MCC	No	2364-2370	2364	2370	294	292	0.104	Yes	Yes	246	244	0.109	Yes	Yes	34	34	0.002	14	14	0.017
1309	Calibration	Stowmarket	18	JTC 18_D-Out	0	Jan-16	MCC	No	2365-2362	2365	2362	477	569	4.011	Yes	Yes	418	500	3.828	Yes	Yes	44	49	0.775	15	19	1.061
1310	Validation	Stowmarket	19	JTC 19_A-In	0	Jan-16	MCC	No	2337-2336	2337	2336	439	357	4.136	Yes	Yes	379	303	4.120	Yes	Yes	52	43	1.332	8	11	0.897
1311	Validation	Stowmarket	19	JTC 19_A-Out	0	Jan-16	MCC	No	2336-2337	2336	2337	551	302	12.033	No	No	472	239	12.385	No	No	71	49	2.898	8	15	2.136
1313	Validation	Stowmarket	19	JTC 19_B-Out	0	Jan-16	MCC	No	2336-5877	2336	5877	211	181	2.179	Yes	Yes	189	159	2.242	Yes	Yes	11	18	0.497	6	3	1.383
1314	Validation	Stowmarket	19	JTC 19_C-In	0	Jan-16	MCC	No	2400-2336	2400	2336	745	336	17.572	No	No	656	283	17.234	No	No	81	42	4.958	8	12	1.169
1315	Validation	Stowmarket	19	JTC 19_C-Out	0	Jan-16	MCC	No	2336-2400	2336	2400	738	668	2.655	Yes	Yes	655	560	3.854	Yes	Yes	74	87	1.468	9	20	2.976
1316	Validation	Stowmarket	19	JTC 19_D-In	0	Jan-16	MCC	No	2335-2336	2335	2336	412	478	3.150	Yes	Yes	373	396	1.173	Yes	Yes	34	66	4.514	5	17	3.522
1317	Validation	Stowmarket	19	JTC 19_D-Out	0	Jan-16	MCC	No	2336-2335	2336	2335	339	128	13.788	No	No	303	112	13.222	No	No	34	10	5.009	2	5	1.773
1318	Calibration	Sudbury	20	JTC 20_A-In	0	Jan-16	MCC	No	2678-2676	2678	2676	554	556	0.102	Yes	Yes	497	499	0.111	Yes	Yes	50	50	0.004	7	7	0.016
1321	Calibration	Sudbury	20	JTC 20_C-In	0	Jan-16	MCC	No	2693-2676	2693	2676	308	297	0.613	Yes	Yes	261	261	0.007	Yes	Yes	45	29	2.714	2	8	2.659
1322	Calibration	Sudbury	20	JTC 20_C-Out	0	Jan-16	MCC	No	2676-2693	2676	2693	514	515	0.051	Yes	Yes	466	467	0.042	Yes	Yes	43	43	0.008	5	5	0.096
1323	Calibration	Sudbury	20	JTC 20_D-Out	0	Jan-16	MCC	No	2676-2677	2676	2677	450	491	1.870	Yes	Yes	392	413	1.069	Yes	Yes	55	73	2.300	3	4	0.358
1334	Validation	ury St. Edmund	22	JTC 22_A-In	0	Jan-16	MCC	No	2166-2165	2166	2165	494	561	2.928	Yes	Yes	434	500	3.053	Yes	Yes	49	55	0.827	11	6	1.586
1335	Validation	ury St. Edmund	22	JTC 22_A-Out	0	Jan-16	MCC	No	2165-2166	2165	2166	632	567	2.644	Yes	Yes	557	506	2.210	Yes	Yes	63	51	1.633	12	11	0.441
1336	Validation	ury St. Edmund	22	JTC 22_B-In	0	Jan-16	MCC	No	2171-2165	2171	2165	677	642	1.383	Yes	Yes	622	585	1.521	Yes	Yes	50	52	0.275	5	5	0.049
1337	Validation	ury St. Edmund	22	JTC 22_B-Out	0	Jan-16	MCC	No	2165-2171	2165	2171	347	259	5.070	No	Yes	312	215	5.949	No	Yes	28	40	2.091	7	3	1.708
1338	Validation	ury St. Edmund	22	JTC 22_C-In	0	Jan-16	MCC	No	3359-2165	3359	2165	569	406	7.392	No	No	496	343	7.458	No	No	59	52	0.934	14	11	0.987
1339	Validation	ury St. Edmund	22	JTC 22_C-Out	0	Jan-16	MCC	No	2165-3359	2165	3359	761	782	0.772	Yes	Yes	683	706	0.881	Yes	Yes	67	68	0.134	11	8	0.929

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1340	Calibration	ury St. Edmund	23	JTC 23_A-In	0	Jan-16	MCC	No	5823-5822	5823	5822	349	350	0.038	Yes	Yes	317	317	0.014	Yes	Yes	28	28	0.006	4	4	0.210
1341	Calibration	ury St. Edmund	23	JTC 23_A-Out	0	Jan-16	MCC	No	5822-5823	5822	5823	355	355	0.024	Yes	Yes	327	327	0.013	Yes	Yes	26	26	0.006	2	2	0.179
1344	Calibration	ury St. Edmund	23	JTC 23_C-In	0	Jan-16	MCC	No	2142-2141	2142	2141	308	311	0.154	Yes	Yes	282	281	0.080	Yes	Yes	24	26	0.463	2	4	1.018
1345	Calibration	ury St. Edmund	23	JTC 23_C-Out	0	Jan-16	MCC	No	2141-2142	2141	2142	407	445	1.824	Yes	Yes	368	404	1.807	Yes	Yes	34	36	0.325	5	5	0.094
1346	Calibration	ury St. Edmund	23	JTC 23_D-In	0	Jan-16	MCC	No	3349-2141	3349	2141	533	543	0.421	Yes	Yes	477	487	0.444	Yes	Yes	46	46	0.004	10	10	0.014
1347	Calibration	ury St. Edmund	23	JTC 23_D-Out	0	Jan-16	MCC	No	2141-3349	2141	3349	276	277	0.056	Yes	Yes	220	221	0.047	Yes	Yes	47	47	0.015	9	9	0.045
1348	Calibration	Sudbury	24	JTC 24_A-In	0	Jan-16	MCC	No	2627-2626	2627	2626	144	144	0.026	Yes	Yes	111	111	0.039	Yes	Yes	27	27	0.002	6	6	0.035
1349	Calibration	Sudbury	24	JTC 24_A-Out	0	Jan-16	MCC	No	2626-2627	2626	2627	196	201	0.381	Yes	Yes	160	160	0.020	Yes	Yes	33	33	0.003	3	8	2.165
1350	Calibration	Sudbury	24	JTC 24_B-In	0	Jan-16	MCC	No	5935-2626	5935	2626	418	419	0.036	Yes	Yes	353	354	0.029	Yes	Yes	56	56	0.009	9	9	0.043
1351	Calibration	Sudbury	24	JTC 24_B-Out	0	Jan-16	MCC	No	2626-5935	2626	5935	328	326	0.084	Yes	Yes	286	284	0.090	Yes	Yes	32	32	0.002	10	10	0.001
1358	Validation	Haverhill	25	JTC 25_B-In	0	Jan-16	MCC	No	2611-2612	2611	2612	532	701	6.811	No	No	470	611	6.081	No	No	53	80	3.277	9	10	0.335
1359	Validation	Haverhill	25	JTC 25_B-Out	0	Jan-16	MCC	No	2612-2611	2612	2611	256	201	3.665	Yes	Yes	213	152	4.495	Yes	Yes	30	38	1.296	13	11	0.625
1362	Validation	Haverhill	26	JTC 26_A-In	0	Jan-16	MCC	No	2623-2540	2623	2540	534	630	3.988	Yes	Yes	449	487	1.757	Yes	Yes	66	89	2.637	19	54	5.789
1363	Validation	Haverhill	26	JTC 26_A-Out	0	Jan-16	MCC	No	2540-2623	2540	2623	232	360	7.416	No	No	164	243	5.552	No	Yes	50	78	3.471	18	39	3.869
1368	Validation	A14	27	JTC 27_A-In	0	Jan-16	MCC	No	3146-5756	3146	5756	1079	949	4.093	Yes	Yes	851	742	3.854	Yes	Yes	152	126	2.188	76	80	0.483
1369	Validation	A14	27	JTC 27_A-Out	0	Jan-16	MCC	No	5757-3145	5757	3145	885	881	0.148	Yes	Yes	565	667	4.112	Yes	No	226	107	9.210	94	106	1.241
1371	Validation	A14	27	JTC 27_B-Out	0	Jan-16	MCC	No	5756-5753	5756	5753	1016	1001	0.470	Yes	Yes	799	835	1.271	Yes	Yes	140	96	4.084	77	70	0.810
1372	Validation	A14	27	JTC 27_C-In	0	Jan-16	MCC	No	5760-5755	5760	5755	366	432	3.295	Yes	Yes	310	385	4.044	Yes	Yes	54	46	1.071	2	0	2.000
1373	Validation	A14	27	JTC 27_C-Out	0	Jan-16	MCC	No	5755-5760	5755	5760	574	435	6.165	No	No	466	362	5.108	No	No	91	63	3.155	17	10	1.865
1377	Calibration	A12	28	JTC 28_A-Out	0	Jan-16	MCC	No	3111-3110	3111	3110	237	243	0.414	Yes	Yes	191	196	0.373	Yes	Yes	39	39	0.055	7	9	0.564
1378	Calibration	A12	28	JTC 28_B-In	0	Jan-16	MCC	No	5690-3113	5690	3113	1575	1676	2.505	Yes	Yes	1047	1151	3.148	Yes	Yes	311	304	0.371	217	220	0.212
1379	Calibration	A12	28	JTC 28_B-Out	0	Jan-16	MCC	No	3111-5688	3111	5688	2172	2222	1.072	Yes	Yes	1629	1655	0.643	Yes	Yes	324	333	0.496	219	234	1.010
1380	Calibration	A12	28	JTC 28_C-In	0	Jan-16	MCC	No	3112-3113	3112	3113	171	178	0.514	Yes	Yes	139	139	0.002	Yes	Yes	26	33	1.226	6	6	0.053
1381	Calibration	A12	28	JTC 28_C-Out	0	Jan-16	MCC	No	3113-3112	3113	3112	77	80	0.315	Yes	Yes	58	61	0.379	Yes	Yes	15	15	0.008	4	4	0.053
1382	Calibration	A12	28	JTC 28_D-In	0	Jan-16	MCC	No	3114-1341	3114	1341	2209	2215	0.127	Yes	Yes	1637	1632	0.126	Yes	Yes	348	351	0.177	224	232	0.515
1383	Calibration	A12	28	JTC 28_D-Out	0	Jan-16	MCC	No	1342-3115	1342	3115	1669	1774	2.527	Yes	Yes	1128	1229	2.948	Yes	Yes	322	322	0.007	219	223	0.236
1385	Calibration	A12	29	JTC 29_A-Out	0	Jan-16	MCC	No	3116-3114	3116	3114	2117	2117	0.007	Yes	Yes	1535	1529	0.160	Yes	Yes	359	360	0.044	223	228	0.340
1389	Calibration	A12	29	JTC 29_C-Out	0	Jan-16	MCC	No	3117-3119	3117	3119	2135	1656	10.994	No	No	1506	1145	9.913	No	No	370	297	3.991	259	214	2.918
1400	Calibration	A11	31	JTC 31_A-In	0	Jan-16	MCC	No	3277-3785	3277	3785	1922	1837	1.956	Yes	Yes	1433	1432	0.027	Yes	Yes	342	255	5.050	147	150	0.285
1401	Calibration	A11	31	JTC 31_A-Out	0	Jan-16	MCC	No	3785-3277	3785	3277	1253	1186	1.918	Yes	Yes	895	892	0.084	Yes	Yes	214	151	4.686	144	143	0.099
1402	Calibration	A11	31	JTC 31_B-In	0	Jan-16	MCC	No	3786-3785	3786	3785	137	129	0.717	Yes	Yes	108	108	0.009	Yes	Yes	22	14	1.972	7	7	0.060
1403	Calibration	A11	31	JTC 31_B-Out	0	Jan-16	MCC	No	3785-3786	3785	3786	222	224	0.138	Yes	Yes	168	169	0.048	Yes	Yes	41	43	0.277	13	13	0.097
1406	Calibration	A11	32	JTC 32_A-In	0	Jan-16	MCC	No	3794-5672	3794	5672	271	276	0.308	Yes	Yes	235	236	0.039	Yes	Yes	32	20	2.351	4	20	4.711
1407	Calibration	A11	32	JTC 32_A-Out	0	Jan-16	MCC	No	5672-3794	5672	3794	200	209	0.603	Yes	Yes	181	181	0.022	Yes	Yes	15	21	1.489	4	7	1.116
1408	Calibration	A11	32	JTC 32_B-In	0	Jan-16	MCC	No	5674-3790	5674	3790	164	222	4.160	Yes	Yes	110	110	0.017	Yes	Yes	31	31	0.007	23	81	7.998
1409	Calibration	A11	32	JTC 32_B-Out	0	Jan-16	MCC	No	5672-5673	5672	5673	192	179	0.951	Yes	Yes	154	154	0.032	Yes	Yes	24	24	0.000	14	1	4.514
1410	Calibration	A11	32	JTC 32_C-In	0	Jan-16	MCC	No	3789-3790	3789	3790	392	392	0.005	Yes	Yes	361	361	0.019	Yes	Yes	28	26	0.311	3	4	0.609
1411	Calibration	A11	32	JTC 32_C-Out	0	Jan-16	MCC	No	3790-3789	3790	3789	218	217	0.066	Yes	Yes	183	183	0.014	Yes	Yes	27	27	0.002	8	7	0.290
1412	Calibration	A11	32	JTC 32_D-In	0	Jan-16	MCC	No	5659-3790	5659	3790	114	115	0.061	Yes	Yes	95	97	0.225	Yes	Yes	9	9	0.007	10	8	0.522
1413	Calibration	A11	32	JTC 32_D-Out	0	Jan-16	MCC	No	3790-5659	3790	5659	100	203	8.395	No	No	71	71	0.013	Yes	Yes	14	26	2.674	15	106	11.727
1415	Calibration	A11	32	JTC 32_E-Out	0	Jan-16	MCC	No	3790-5671	3790	5671	340	318	1.235	Yes	Yes	306	318	0.651	Yes	Yes	32	0	7.966	2	0	1.987
1416	Calibration	A11	32	JTC 32_F-In	0	Jan-16	MCC	No	5824-5672	5824	5672	152	163	0.851	Yes	Yes	125	132	0.651	Yes	Yes	22	22	0.000	5	8	1.274
1417	Calibration	A11	32	JTC 32_F-Out	0	Jan-16	MCC	No	5672-5824	5672	5824	43	41	0.251	Yes	Yes	31	31	0.004	Yes	Yes	10	10	0.000	2	0	1.519
1420	Calibration	Sudbury	33	JTC 33_B-In	0	Jan-16	MCC	No	2763-2762	2763	2762	587	477	4.778	Yes	No	439	417	1.077	Yes	Yes	126	51	7.953	22	9	3.322
1421	Calibration	Sudbury	33	JTC 33_B-Out	0	Jan-16	MCC	No	2762-2763	2762	2763	585	578	0.294	Yes	Yes	492	492	0.015	Yes	Yes	77	77	0.006	16	9	1.885
1422	Calibration	Sudbury	33	JTC 33_C-In	0	Jan-16	MCC	No	2761-2762	2761	2762	515	560	1.961	Yes	Yes	435	456	1.007	Yes	Yes	70	88	2.034	10	16	1.696
1423	Calibration	Sudbury	33	JTC 33_C-Out	0	Jan-16	MCC	No	2762-2761	2762	2761	591	595	0.146	Yes	Yes	508	508	0.000	Yes	Yes	70	70	0.032	13	16	0.861
1426	Calibration	Sudbury	34	JTC 34_A-In	0	Jan-16	MCC	No	2781-2783	2781	2783	639	637	0.085	Yes	Yes	504	502	0.078	Yes	Yes	108	108	0.029	27	27	0.018
1427	Calibration	Sudbury	34	JTC 34_A-Out	0	Jan-16	MCC	No	2783-2781	2783	2781	926	804	4.152	Yes	Yes	756	694	2.297	Yes	Yes	139	83	5.361	31	27	0.709
1430	Calibration	Sudbury	34	JTC 34_C-In	0	Jan-16	MCC	No	2658-2783	2658	2783	710	674	1.384	Yes	Yes	647	627	0.804	Yes	Yes	58	40	2.640	5	7	0.940
1431	Calibration	Sudbury	34	JTC 34_C-Out	0	Jan-16	MCC	No	2783-2658	2783	2658	361	364	0.141	Yes	Yes	305	305	0.011	Yes	Yes	53	53	0.011	3	6	1.238
1432	Calibration	Sudbury	34	JTC 34_D-In	0	Jan-16	MCC	No	2782-2783	2782	2783	418	395	1.124	Yes	Yes	343	331	0.639	Yes	Yes	65	54	1.419	10	10	0.001
1433	Calibration	Sudbury	34	JTC 34_D-Out	0	Jan-16	MCC	No	2783-2782	2783	2782	533	527	0.260	Yes	Yes	423	427	0.191	Yes	Yes	94	80	1.505	16	20	0.951
1434	Calibration	Lowestoft	1	JTC 1_A-In	0	Jan-15	MCC	No	6345-1020	6345	1020	391	391	0.000	Yes	Yes	318.5103	317	0.058	Yes	Yes	69.34813	70	0.017	3.037974	3	0.173
1435	Calibration	Lowestoft	1	JTC 1_A-Out	0	Jan-15	MCC	No	1020-6345	1020	6345	367	339	1.504	Yes	Yes	316.5381	302	0.842	Yes	Yes	47.31786	34	2.112	3.037974	3	0.011
1436	Calibration	Lowestoft	1	JTC 1_B-In	0	Jan-15	MCC	No	5370-1020	5370	1020	65	64	0.074	Yes	Yes	53.2494	53	0.036	Yes	Yes	11.31514	11	0.100	0	0	0.093
1437	Calibration	Lowestoft	1	JTC 1_B-Out	0	Jan-15	MCC	No	1020-5370	1020	5370	66	65	0.091	Yes	Yes	51.2772	51	0.039	Yes	Yes	14.40109	14	0.122	0	0	0.000
1438	Calibration	Lowestoft	1	JTC 1_C-In	0	Jan-15	MCC	No	1010-1020	1010	1020	574	583	0.386	Yes	Yes	475.3002	475	0.031	Yes	Yes	81.26327	81	0.080	17.21518	28	2.248
1439	Calibration	Lowestoft	1	JTC 1_C-Out	0	Jan-15	MCC	No	1020-1010	1020	1010	512	492	0.910	Yes	Yes	366.8292	377	0.517	Yes	Yes	120.3519	93	2.650	25.31645	22	0.615
1440	Calibration	Lowestoft	1	JTC 1_D-In	0	Jan-15	MCC	No	5340-1020	5340	1020	328	329	0.072	Yes	Yes	186.3729	186	0.028	Yes	Yes	121.3806	121	0.054	20.25316	23	0.493
1441	Calibration	Lowestoft	1	JTC 1_D-Out	0	Jan-15	MCC	No	1020-5340	1020	5340	471	471	0.028	Yes	Yes	371.7597	372	0.011	Yes	Yes	80.23463	80	0.069	19.2405	19	0.049
1442	Validation	Lowestoft	1	JTC 1_E-In	0	Jan-15	MCC	No	10258-1020	10258	1020	788	736	1.879	Yes	Yes	610.3959	576	1.416	Yes	Yes	136.8103	121	1.349	40.50632	38	0.323
1443	Validation	Lowestoft	1	JTC 1_E-Out	0	Jan-15	MCC	No	1020-10258	1020	10258	729	737	0.279	Yes	Yes	537.4245	505	1.399	Yes	Yes	158.412	183	1.916	33.41771	48	2.268
1446	Calibration	Lowestoft	2	JTC 2_B-In	0	Jan-15	MCC	No	6341-3000	6341	3000	298	298	0.016	Yes	Yes	267.2331	267	0.025	Yes	Yes	27.77352	28	0.033	3.037974	3	0.024
1447	Calibration	Lowestoft	2	JTC 2_B-Out	0	Jan-15	MCC	No	3000-6341	3000	6341	335	335	0.021	Yes	Yes	294.8439	295	0.019	Yes	Yes	37.03137	37	0.013	3.037974	3	0.008
1450	Calibration	Lowestoft	2	JTC 2_D-In	0	Jan-15	MCC	No	6340-3000	6340	3000	408	409	0.042	Yes	Yes	384.579	385	0.016	Yes	Yes	21.60163	22	0.079	2.025316	2	0.114
1451	Calibration	Lowestoft	2	JTC 2_D-Out	0	Jan-15	MCC	No	3000-6340	3000	6340	130	122	0.736	Yes	Yes	109.4571	109	0.043	Yes	Yes	18.51568	11	2.090	2.025316	2	0.105
1452	Calibration	Lowestoft	2	JTC 2_E-In	0	Jan-15	MCC	No	6337-3000	6337	3000	575	576	0.050	Yes	Yes	493.05	494	0.051	Yes	Yes	59.66164	60	0.022	22.27847	22	0.021
1453	Calibration	Lowestoft	2	JTC 2_E-Out	0	Jan-15	MCC	No	3000-6337	3000	6337	411	415	0.163	Yes	Yes	303.7188	307	0.200	Yes	Yes	83.32057	83	0.035	24.30379	24	0.027
1454	Calibration	Lowestoft	2	JTC 2_F-In	0	Jan-15	MCC	No	3010-3000	3010	3000	705	723	0.654	Yes	Yes	579.8268	585	0.204	Yes	Yes	113.1514	113	0.031	12.15189	25	2.987
1455	Calibration	Lowestoft	2	JTC 2_F-Out	0	Jan-15	MCC	No	3000-3010	3000	3010	639	626	0.490	Yes	Yes	519.6747	518	0.056	Yes	Yes	108.0081	98	0.990	11.13924	10	0.311
1456	Calibration	Lowestoft	3	JTC 3_A-In	0	Jan-15	MCC	No	6306-8050	6306	8050	283	286	0.167	Yes	Yes	233.7057	236	0.135	Yes	Yes	43.20326	42	0.208	6.075947	8	0.790
1457	Calibration	Lowestoft	3	JTC 3_A-Out	0	Jan-15	MCC	No	8050-6306	8050	6306	493	481	0.552	Yes	Yes	422.0508	423	0.062	Yes	Yes	63.77624	51	1.756	7.088605	7	0.068
1458	Calibration	Lowestoft	3	JTC 3_B-In	0	Jan-15	MCC	No	10222-8050	10222	8050	224	221	0.175	Yes	Yes	203.1366	207	0.248	Yes	Yes	17.48703	13	1.081	3.037974	1	1.329
1459	Calibration	Lowestoft	3	JTC 3_B-Out	0	Jan-15	MCC	No	8050-10222	8050	10222	317	260	3.404	Yes	Yes	292.8717	237	3.425	Yes	Yes	20.57298	21	0.085	4.050632	2	1.461
1460	Calibration	Lowestoft	3	JTC 3_C-In	0	Jan-15	MCC	No	10216-8050	10216	8050	604	600	0.169	Yes	Yes	519.6747	519	0.012	Yes	Yes	73.03408	70	0.398	11.13924	11	0.156
1461	Calibration	Lowestoft	3	JTC 3_C-Out	0	Jan-15	MCC	No	8050-10216	8050	10216	439	440	0.076	Yes	Yes	364.857	372	0.351	Yes	Yes	62.74759	59	0.440	11.13924	9	0.531
1462	Calibration	Lowestoft	3	JTC 3_D-In	0	Jan-15	MCC	No	9420-8050	9420	8050	251	190	4.058	Yes	Yes	219.9003	167	3.778	Yes	Yes	28.80217	21	1.572	2.025316	2	0.100
1463	Calibration	Lowestoft	3	JTC 3_D-Out	0	Jan-15	MCC	No	8050-9420	8050	9420	112	116	0.396	Yes	Yes	96.6378	97	0.055	Yes	Yes	15.42974	15	0.123	0	4	2.868
1464	Calibration	Lowestoft	4	JTC 4_A-In	0	Jan-15	MCC	No	6280-6270	6280	6270	883	938	1.810	Yes	Yes	716.8947	765	1.776	Yes	Yes	136.8103	139	0.189	29.36708	33	0.724
1465	Calibration	Lowestoft	4	JTC 4_A-Out	0	Jan-15	MCC	No	6270-6280	6270	6280	1230	1236	0.180	Yes	Yes	1063.016	1069	0.197	Yes	Yes	134.753	134	0.046	32.40505	33	0.069
1466	Calibration	Lowestoft	4	JTC 4_B-In	0	Jan-15	MCC	No	6260-6270	6260	6270	795	793	0.083	Yes	Yes	684.3534	681	0.139	Yes	Yes	84.34922	85	0.098	26.32911	27	0.075
1467	Calibration	Lowestoft	4	JTC 4_B-Out	0	Jan-15	MCC	No	6270-6260	6270	6260	668	704	1.360	Yes	Yes	545.3133	574	1.209	Yes	Yes	100.8076	104	0.277	22.27847	27	0.858
1468	Calibration	Lowestoft	4	JTC 4_C-In	0	Jan-15	MCC	No	8070-6270	8070	6270	444	444	0.008	Yes	Yes	388.5234	389	0.011	Yes	Yes	49.37515	49	0.058	6.075947	6	0.004
1469	Calibration	Lowestoft	4	JTC 4_C-Out	0	Jan-15	MCC	No	6270-8070	6270	8070	224	234	0.672	Yes	Yes	181.4424	191	0.725	Yes	Yes	34.97407	35	0.075	7.088605	7	0.068
1472	Calibration	Lowestoft	5	JTC 5_B-In	0	Jan-15	MCC	No	9470-6230	9470	6230	206	205	0.066	Yes	Yes	184.4007	183	0.106	Yes	Yes	21.60163	22	0.102	0	0	0.000
1473	Calibration	Lowestoft	5	JTC 5_B-Out	0	Jan-15	MCC	No	6230-9470	6230	9470	293	292	0.064	Yes	Yes	272.1636	270	0.112	Yes	Yes	19.54433	20	0.096	1.012658	1	0.294
1474	Calibration	Lowestoft	5	JTC 5_C-In	0	Jan-15	MCC	No	10234-6230	10234	6230	678	655	0.897	Yes	Yes	575.8824	560	0.666	Yes	Yes	82.29192	75	0.838	20.25316	20	0.033
1475	Calibration	Lowestoft	5	JTC 5_C-Out	0	Jan-15	MCC	No	6230-10234	6230	10234	697	695	0.083	Yes	Yes	584.7573	575	0.411	Yes	Yes	100.8076	102	0.123	11.13924	18	1.700
1476	Calibration	Lowestoft	5	JTC 5_D-In	0	Jan-15	MCC	No	10220-6230	10220	6230	224	222	0.143	Yes	Yes	202.1505	199	0.201	Yes	Yes	20.57298	21	0.189	1.012658	1	0.152
1477	Calibration	Lowestoft	5	JTC 5_D-Out	0	Jan-15	MCC	No	6230-10220	6230	10220	129	128	0.120	Yes	Yes	108.471	108	0.072	Yes	Yes	19.54433	20	0.091	1.012658	0	1.423
1478	Calibration	Lowestoft	6	JTC 6_A-In	0	Jan-15	MCC	No	9991-6200	9991	6200	145	146	0.098	Yes	Yes	125.2347	126	0.026	Yes	Yes	19.54433	20	0.183	0	0	0.361
1479	Calibration	Lowestoft	6	JTC 6_A-Out	0	Jan-15	MCC	No	6200-9991	6200	9991	145	146	0.093	Yes	Yes	130.1652	131	0.099	Yes	Yes	14.40109	14	0.088	0	0	0.791

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1480	Calibration	Lowestoft	6	JTC 6_B-In	0	Jan-15	MCC	No	6190-6200	6190	6200	652	605	1.859	Yes	Yes	557.1465	517	1.749	Yes	Yes	77.14868	75	0.226	17.21518	13	1.052
1481	Calibration	Lowestoft	6	JTC 6_B-Out	0	Jan-15	MCC	No	6200-6190	6200	6190	768	716	1.911	Yes	Yes	652.7982	601	2.071	Yes	Yes	105.9509	106	0.028	9.113921	9	0.030
1482	Calibration	Lowestoft	6	JTC 6_C-In	0	Jan-15	MCC	No	6210-6200	6210	6200	662	646	0.612	Yes	Yes	560.1048	544	0.706	Yes	Yes	92.57841	93	0.095	9.113921	9	0.008
1483	Calibration	Lowestoft	6	JTC 6_C-Out	0	Jan-15	MCC	No	6200-6210	6200	6210	546	536	0.435	Yes	Yes	459.5226	453	0.285	Yes	Yes	68.91949	69	0.046	17.21518	13	1.139
1488	Calibration	Lowestoft	7	JTC 7_C-In	0	Jan-15	MCC	No	7060-7070	7060	7070	346	373	1.416	Yes	Yes	300.7605	321	1.126	Yes	Yes	36.00272	43	1.101	9.113921	9	0.028
1489	Calibration	Lowestoft	7	JTC 7_C-Out	0	Jan-15	MCC	No	7070-7060	7070	7060	410	394	0.804	Yes	Yes	357.9543	337	1.097	Yes	Yes	41.14596	44	0.392	11.13924	13	0.518
1490	Calibration	Lowestoft	7	JTC 7_D-In	0	Jan-15	MCC	No	6305-7070	6305	7070	140	137	0.234	Yes	Yes	125.2347	124	0.122	Yes	Yes	13.37244	13	0.103	1.012658	0	1.423
1491	Calibration	Lowestoft	7	JTC 7_D-Out	0	Jan-15	MCC	No	7070-6305	7070	6305	184	173	0.846	Yes	Yes	170.5953	160	0.850	Yes	Yes	13.37244	13	0.103	0	0	0.000
1500	Validation	Lowestoft	9	JTC 9_A-In	0	Jan-15	MCC	No	6260-6250	6260	6250	674	704	1.130	Yes	Yes	550.2438	574	0.998	Yes	Yes	102.8649	104	0.073	21.26582	27	1.074
1501	Validation	Lowestoft	9	JTC 9_A-Out	0	Jan-15	MCC	No	6250-6260	6250	6260	806	793	0.473	Yes	Yes	691.2561	681	0.402	Yes	Yes	88.46382	85	0.345	26.32911	27	0.075
1502	Calibration	Lowestoft	9	JTC 9_B-In	0	Jan-15	MCC	No	9990-6250	9990	6250	180	142	2.980	Yes	Yes	164.6787	135	2.417	Yes	Yes	14.40109	7	2.202	1.012658	0	1.423
1503	Calibration	Lowestoft	9	JTC 9_B-Out	0	Jan-15	MCC	No	6250-9990	6250	9990	198	160	2.835	Yes	Yes	178.4841	150	2.187	Yes	Yes	16.45838	8	2.473	3.037974	2	0.821
1504	Calibration	Lowestoft	9	JTC 9_C-In	0	Jan-15	MCC	No	10257-6250	10257	6250	594	594	0.006	Yes	Yes	503.8971	504	0.016	Yes	Yes	69.94813	70	0.003	20.25316	20	0.040
1505	Calibration	Lowestoft	9	JTC 9_C-Out	0	Jan-15	MCC	No	6250-10257	6250	10257	621	626	0.213	Yes	Yes	514.7442	514	0.024	Yes	Yes	93.60706	94	0.006	12.15189	18	1.524
1506	Calibration	Lowestoft	9	JTC 9_D-In	0	Jan-15	MCC	No	7090-6250	7090	6250	335	336	0.028	Yes	Yes	305.691	303	0.142	Yes	Yes	23.65893	25	0.266	6.075947	8	0.639
1507	Calibration	Lowestoft	9	JTC 9_D-Out	0	Jan-15	MCC	No	6250-7090	6250	7090	196	232	2.397	Yes	Yes	164.6787	195	2.247	Yes	Yes	24.68758	29	0.908	7.088605	7	0.084
1615	Calibration	Lowestoft	C103	Oulton Road	EB	Jan-16	ATC	No	7070-9310	7070	9310	314	287	1.566	Yes	Yes	255.2598	254	0.051	Yes	Yes	42.5274	32	1.695	15.96283	0	5.650
1616	Calibration	Lowestoft	C103	Oulton Road	WB	Jan-16	ATC	No	9310-7070	9310	7070	311	273	2.217	Yes	Yes	252.819	252	0.034	Yes	Yes	42.12076	20	3.906	15.81019	0	5.469
1617	Calibration	Lowestoft	C105	Long Road	SB	Jan-16	ATC	No	5180-3010	5180	3010	165	87	7.005	No	Yes	134.647	81	5.178	No	Yes	22.43278	5	4.552	8.420232	0	3.756
1618	Calibration	Lowestoft	C105	Long Road	NB	Jan-16	ATC	No	3010-5180	3010	5180	159	53	10.337	No	No	129.1553	41	9.577	No	Yes	21.51785	9	3.220	8.076809	3	2.316
1619	Calibration	Lowestoft	C106	Victoria Road	EB	Jan-16	ATC	No	9617-4020	9617	4020	436	415	1.058	Yes	Yes	355.1263	349	0.336	Yes	Yes	59.16561	59	0.059	22.20804	7	3.930
1620	Calibration	Lowestoft	C106	Victoria Road	WB	Jan-16	ATC	No	4020-9617	4020	9617	299	291	0.461	Yes	Yes	243.4629	246	0.165	Yes	Yes	40.56199	41	0.061	15.2251	4	3.486
1623	Calibration	Lowestoft	C108	Crestview Drive	SB	Jan-16	ATC	No	10228-9300	10228	9300	180	173	0.513	Yes	Yes	146.2405	149	0.258	Yes	Yes	24.3643	15	1.990	9.145237	8	0.365
1624	Calibration	Lowestoft	C108	Crestview Drive	NB	Jan-16	ATC	No	9300-10228	9300	10228	154	143	0.934	Yes	Yes	125.2909	125	0.012	Yes	Yes	20.87401	13	1.968	7.83514	5	1.266
1625	Calibration	Lowestoft	C109	Millenium Way	SB	Jan-16	ATC	No	7090-7080	7090	7080	508	487	0.951	Yes	Yes	413.2971	412	0.060	Yes	Yes	68.85711	63	0.754	25.84579	12	3.190
1626	Calibration	Lowestoft	C109	Millenium Way	NB	Jan-16	ATC	No	7080-7090	7080	7090	461	440	0.981	Yes	Yes	374.8556	374	0.033	Yes	Yes	62.45259	57	0.761	23.44182	9	3.541
1627	Calibration	Lowestoft	C110	St.Peters Street	EB	Jan-16	ATC	No	10171-9170	10171	9170	397	384	0.651	Yes	Yes	323.1935	320	0.162	Yes	Yes	53.84545	54	0.010	20.2111	10	2.575
1628	Calibration	Lowestoft	C110	St.Peters Street	WB	Jan-16	ATC	No	9170-10171	9170	10171	222	213	0.637	Yes	Yes	180.8175	181	0.013	Yes	Yes	30.12499	30	0.030	11.30753	2	3.480
1629	Calibration	Lowestoft	C111	Colmer Road Oulton Broad	SB	Jan-16	ATC	No	2030-3040	2030	3040	487	488	0.053	Yes	Yes	396.0086	397	0.043	Yes	Yes	65.97677	66	0.034	24.76464	25	0.007
1630	Calibration	Lowestoft	C111	Colmer Road Oulton Broad	NB	Jan-16	ATC	No	3040-2030	3040	2030	435	394	2.011	Yes	Yes	353.7026	328	1.398	Yes	Yes	58.9284	59	0.015	22.11901	7	3.924
1631	Calibration	Lowestoft	C112	Ashbumham Way Carlton Colville	EB	Jan-16	ATC	No	5105-6355	5105	6355	283	238	2.797	Yes	Yes	230.6491	200	2.067	Yes	Yes	38.42715	38	0.067	14.42378	0	5.371
1632	Calibration	Lowestoft	C112	Ashbumham Way Carlton Colville	WB	Jan-16	ATC	No	6355-5105	6355	5105	259	205	3.535	Yes	Yes	210.513	181	2.112	Yes	Yes	35.0724	24	2.043	13.16456	0	5.131
1633	Validation	Lowestoft	C113	Lowestoft Road Carlton Colville	EB	Jan-16	ATC	No	6335-9604	6335	9604	233	151	5.948	No	Yes	189.9702	140	3.873	Yes	Yes	31.64987	11	4.520	11.8799	0	4.874
1634	Validation	Lowestoft	C113	Lowestoft Road Carlton Colville	WB	Jan-16	ATC	No	9604-6335	9604	6335	231	55	14.762	No	No	188.3431	48	12.865	No	No	31.37878	6	5.766	11.77815	0	4.768
1635	Calibration	Lowestoft	C116	Tom Crisp Way	SB	Jan-16	ATC	No	6315-6413	6315	6413	421	409	0.571	Yes	Yes	342.5159	331	0.652	Yes	Yes	57.06465	57	0.048	21.41944	21	0.008
1636	Calibration	Lowestoft	C116	Tom Crisp Way	NB	Jan-16	ATC	No	6413-6315	6413	6315	978	964	0.466	Yes	Yes	796.0851	814	0.615	Yes	Yes	132.6313	116	1.469	49.78367	34	2.404
1637	Calibration	ury St. Edmund	C200	Compiegne Way	SB	Jan-16	ATC	No	2082-2081	2082	2081	958	985	0.853	Yes	Yes	793.1848	809	0.559	Yes	Yes	134.5665	135	0.063	30.74876	41	1.678
1638	Calibration	ury St. Edmund	C200	Compiegne Way	NB	Jan-16	ATC	No	2081-2082	2081	2082	639	639	0.011	Yes	Yes	528.7899	529	0.004	Yes	Yes	89.71097	89	0.074	20.49918	21	0.190
1643	Calibration	Ipswich	C303	Woodbridge Road	EB	Jan-16	ATC	No	0062-20278	20062	20278	489	473	0.723	Yes	Yes	425.8502	419	0.333	Yes	Yes	43.12001	43	0.026	20.27982	11	2.222
1644	Calibration	Ipswich	C303	Woodbridge Road	WB	Jan-16	ATC	No	0278-20062	20278	20062	570	558	0.511	Yes	Yes	496.3537	503	0.290	Yes	Yes	50.25894	50	0.024	23.63734	5	4.862
1649	Calibration	Ipswich	C306	Felixstowe Road	EB	Jan-16	ATC	No	0248-30250	30248	30250	442	658	9.190	No	No	384.9407	628	10.787	No	No	38.97767	30	1.505	18.33163	0	6.055
1650	Validation	Ipswich	C306	Felixstowe Road	WB	Jan-16	ATC	No	0250-30248	30250	30248	418	465	2.265	Yes	Yes	363.6155	432	3.407	Yes	Yes	36.81836	34	0.508	17.31609	0	5.885
1651	Calibration	Ipswich	C307	Sproughton Road	EB	Jan-16	ATC	No	0144-30142	30144	30142	454	404	2.401	Yes	Yes	394.9505	347	2.507	Yes	Yes	39.99122	39	0.233	18.80832	19	0.002
1652	Calibration	Ipswich	C307	Sproughton Road	WB	Jan-16	ATC	No	0142-30144	30142	30144	448	449	0.048	Yes	Yes	389.5104	394	0.226	Yes	Yes	39.44038	43	0.574	18.54925	11	1.847
1653	Calibration	Ipswich	C308	Nacton Road	EB	Jan-16	ATC	No	0239-30433	30239	30433	593	570	0.970	Yes	Yes	516.3732	464	2.358	Yes	Yes	52.28604	98	5.254	24.59071	8	4.141
1654	Calibration	Ipswich	C308	Nacton Road	WB	Jan-16	ATC	No	0433-30239	30433	30239	735	610	4.810	Yes	No	639.7545	528	4.604	Yes	No	64.77917	77	1.415	30.46637	5	6.014
1657	Calibration	Stowmarket	C600	Gipping Way	SB	Jan-16	ATC	No	2331-2416	2331	2416	369	361	0.414	Yes	Yes	302.2644	304	0.074	Yes	Yes	51.28018	51	0.036	15.45538	7	2.695
1658	Calibration	Stowmarket	C600	Gipping Way	NB	Jan-16	ATC	No	2416-2331	2416	2331	410	424	0.679	Yes	Yes	335.6446	348	0.682	Yes	Yes	56.94323	58	0.132	17.16217	17	0.065
1659	Calibration		M002	A12 Woodbridge	SB	Jan-16	ATC	No	0051-50050	50051	50050	1506	1527	0.542	Yes	Yes	1237.468	1241	0.105	Yes	Yes	209.9406	223	0.861	58.84157	64	0.610
1660	Calibration		M002	A12 Woodbridge	NB	Jan-16	ATC	No	0050-50051	50050	50051	1284	1185	2.823	Yes	Yes	1055.083	910	4.641	Yes	Yes	178.9983	190	0.792	50.16916	86	4.310
1661	Calibration	Ipswich	M006	Freston Hill	SB	Jan-16	ATC	No	50049-3106	50049	3106	405	275	7.053	No	No	330.3894	205	7.695	No	No	56.05168	61	0.615	18.05887	9	2.386
1662	Calibration	Ipswich	M006	Freston Hill	NB	Jan-16	ATC	No	3106-50049	3106	50049	677	498	7.375	No	No	552.9633	462	4.045	Yes	Yes	93.81208	26	8.730	30.22462	10	4.455
1663	Calibration		M008	Long Melford Bypass	SB	Jan-16	ATC	No	2789-2762	2789	2762	302	312	0.583	Yes	Yes	245.738	246	0.045	Yes	Yes	41.69027	42	0.057	14.57175	24	2.088
1664	Calibration		M008	Long Melford Bypass	NB	Jan-16	ATC	No	2762-2789	2762	2789	447	447	0.000	Yes	Yes	363.7248	362	0.087	Yes	Yes	61.70713	62	0.012	21.66812	23	0.370
1667	Calibration	Ipswich	M012	Tattingstone	SB	Jan-16	ATC	No	3107-3665	3107	3665	345	346	0.066	Yes	Yes	281.9949	284	0.090	Yes	Yes	47.84139	48	0.001	15.41366	15	0.075
1668	Calibration	Ipswich	M012	Tattingstone	NB	Jan-16	ATC	No	3665-3107	3665	3107	524	530	0.294	Yes	Yes	427.5868	431	0.178	Yes	Yes	72.54154	74	0.213	23.37162	25	0.249
1669	Calibration		M014	Rickinghall/Botesdale Bypass	EB	Jan-16	ATC	No	3943-3261	3943	3261	298	314	0.924	Yes	Yes	235.0308	240	0.292	Yes	Yes	39.87377	41	0.121	22.59543	33	2.056
1670	Calibration		M014	Rickinghall/Botesdale Bypass	WB	Jan-16	ATC	No	3261-3943	3261	3943	361	326	1.898	Yes	Yes	285.197	223	3.927	Yes	Yes	48.38464	65	2.213	27.41831	38	1.877
1671	Validation		M024	South of Norton	SB	Jan-16	ATC	No	3883-3887	3883	3887	513	412	4.717	Yes	No	407.6691	343	3.354	Yes	Yes	69.16243	46	3.005	36.16845	23	2.516
1672	Validation		M024	South of Norton	NB	Jan-16	ATC	No	3887-3883	3887	3883	326	312	0.761	Yes	Yes	259.0646	247	0.754	Yes	Yes	43.95118	53	1.342	22.98424	12	2.620
1673	Calibration		M026	Brightwell	SB	Jan-16	ATC	No	0109-30109	30109	30107	1767	1716	1.221	Yes	Yes	1438.758	1412	0.699	Yes	Yes	244.0902	236	0.512	84.40138	68	1.903
1674	Calibration		M026	Brightwell	NB	Jan-16	ATC	No	0107-30108	30107	30108	2092	2090	0.043	Yes	Yes	1702.941	1700	0.066	Yes	Yes	288.9097	291	0.127	99.89904	98	0.144
1675	Calibration		M036	Otley East of C306	EB	Jan-16	ATC	No	3149-3153	3149	3153	396	394	0.110	Yes	Yes	325.5413	326	0.035	Yes	Yes	55.22918	55	0.017	15.47948	13	0.716
1676	Calibration		M036	Otley East of C306	WB	Jan-16	ATC	No	3153-3149	3153	3149	318	318	0.000	Yes	Yes	261.2546	262	0.029	Yes	Yes	44.32272	44	0.107	12.42265	13	0.065
1677	Calibration		M038	North of Finningham	SB	Jan-16	ATC	No	3947-3912	3947	3912	106	238	10.077	No	No	84.23572	184	8.585	No	Yes	14.29087	43	5.413	7.473403	11	1.240
1678	Calibration		M038	North of Finningham	NB	Jan-16	ATC	No	3912-3947	3912	3947	85	167	7.318	No	Yes	67.54751	138	6.933	No	Yes	11.45966	23	2.756	5.992823	6	0.201
1679	Calibration	Lowestoft	M043	Kessingland Bypass	SB	Jan-16	ATC	No	4501-4502	4501	4502	492	491	0.009	Yes	Yes	397.7261	398	0.004	Yes	Yes	67.47557	67	0.064	26.29832	27	0.079
1680	Calibration	Lowestoft	M043	Kessingland Bypass	NB	Jan-16	ATC	No	4502-4501	4502	4501	558	562	0.160	Yes	Yes	451.5385	454	0.134	Yes	Yes	76.60502	77	0.083	29.85649	30	0.038
1681	Calibration	Beccles	M048	Blyburgate	SB	Jan-16	ATC	No	2825-2823	2825	2823	306	303	0.162	Yes	Yes	248.2458	247	0.100	Yes	Yes	42.11573	43	0.129	15.88848	14	0.544
1682	Calibration	Beccles	M048	Blyburgate	NB	Jan-16	ATC	No	2823-2825	2823	2825	391	369	1.133	Yes	Yes	316.7414	317	0.020	Yes	Yes	53.73624	43	1.563	20.2724	9	3.038
1685	Calibration		M055	North of C366 Swilland	SB	Jan-16	ATC	No	3149-5633	3149	5633	199	201	0.212	Yes	Yes	161.6034	166	0.309	Yes	Yes	27.41655	27	0.086	9.480081	9	0.168
1686	Calibration		M055	North of C366 Swilland	NB	Jan-16	ATC	No	5633-3149	5633	3149	120	123	0.254	Yes	Yes	97.89826	100	0.189	Yes	Yes	16.60877	17	0.199	5.742971	6	0.040
1687	Validation	Ipswich	M061	Chantry Park	EB	Jan-16	ATC	No	0149-30733	30149	30733	677	335	15.171	No	No	589.0528	316	12.839	No	No	59.64531	15	7.314	28.05186	5	5.829
1688	Validation	Ipswich	M061	Chantry Park	WB	Jan-16	ATC	No	0733-30149	30733	30149	267	229	2.420	Yes	Yes	232.183	175	4.015	Yes	Yes	23.50999	48	4.144	11.05701	5	1.967
1693	Calibration		M076	South Elveden	SB	Jan-16	ATC	No	3964-5926	3964	5926	301	192	6.941	No	No	243.9721	157	6.144	No	Yes	41.39069	17	4.492	15.88721	18	0.546
1694	Calibration		M076	South Elveden	NB	Jan-16	ATC	No	5926-3964	5926	3964	164	191	2.029	Yes	Yes	133.0205	170	3.040	Yes	Yes	22.56737	20	0.532	8.662153	1	3.666
1695	Calibration		M077	Between A11 and A1101 Icklingham	SB	Jan-16	ATC	No	3276-3278	3276	3278	100	153	4.750	Yes	Yes	79.77115	134	5.222	No	Yes	13.53344	16	0.567	6.445405	4	1.201
1696	Calibration		M077	Between A11 and A1101 Icklingham	NB	Jan-16	ATC	No	3278-3276	3278	3276	77	125	4.712	Yes	Yes	61.97759	103	4.562	Yes	Yes	10.51471	18	1.980	5.007708	3	0.763
1697	Validation	Ipswich	M079	Outside Asda Superstore	SB	Jan-16	ATC	No	0010-30119	30010	30119	1200	1263	1.782	Yes	Yes	1044.497	1090	1.397	Yes	Yes	105.7616	121	1.456	49.74101	51	0.197
1698	Validation	Ipswich	M079	Outside Asda Superstore	NB	Jan-16	ATC	No	0119-30010	30119	30010	1165	1270	3.011	Yes	Yes	1014.25	988	0.829	Yes	Yes	102.6992	216	8.964	48.30059	66	2.400
1699	Calibration		M090	South of Elmswell	EB	Jan-16	ATC	No	3887-3886	3887	3886	190	78	9.606	No	No	150.7899	63	8.503	No	Yes	25.58201	13	2.849	13.3781	3	3.842
1700	Calibration		M090	South of Elmswell	WB	Jan-16	ATC	No	3886-3887	3886	3887	555	374	8.407	No	No	441.2442	345	4.840	Yes	Yes	74.85856	14	9.060	39.14724	14	4.780
1701	Calibration	Ipswich	P004	Warren Heath	EB	Jan-16	ATC	No	0255-30256	30255	30256	1096	1224	3.747	Yes	Yes	892.4821	1117	7.094	No	No	151.4126	78	6.836	52.35536	28	3.780
1702	Calibration	Ipswich	P004	Warren Heath	WB	Jan-16	ATC	No	0256-30255	30256	30255	893	980	2.843	Yes	Yes	726.8081	878	5.329	No	No	123.3054	77	4.606	42.63648	25	3.073
1703	Calibration		P006	South of U4519 Great Finborough	SB	Jan-16	ATC	No	2417-3711	2417	3711	123	126	0.247	Yes	Yes	100.1712	99	0.161	Yes	Yes	16.99439	19	0.584	5.834377	8	0.717
1704	Calibration		P006	South of U4519 Great Finborough	NB	Jan-16	ATC	No	3711-2417	3711	2417	142	145	0.234	Yes	Yes	115.6448	118	0.245	Yes	Yes	19.61954	20	0.079	6.735622	7	0.075
1705	Calibration		Y006	South West of Hopton	EB	Jan-16	ATC	No	3863-3868	3863	3868	109	110	0.075	Yes	Yes	86.92829	88	0.069	Yes	Yes	14.74768	15	0.016	7.324038	7	0.031
1706	Calibration		Y006	South West of Hopton	WB	Jan-16	ATC	No	3868-3863	3868	3863	205	205	0.027	Yes	Yes	163.489	163	0.013	Yes	Yes	27.73645	28	0.067	13.77457	14	0.054
1707	Calibration		Y056	North of B1077 Stuston	SB	Jan-16	ATC	No	3247-3208	3247	3208	860	728	4.693	Yes	No	679.4168	554	5.066	No	No	115.2653	109	0.583	65.31787	65	0.034
1708	Calibration		Y056	North of B1077 Stuston	NB	Jan-16	ATC	No	3208-3247	3208	3247	527	536	0.382	Yes	Yes	416.3403	416	0.015	Yes	Yes	70.63353	71	0.047	40.02618	49	1.308
1709	Calibration		Y080	South of A12 East Bergholt	EB	Jan-16	ATC	No	3112-3675	3112	3675	323	317	0.318	Yes	Yes	263.8215	260	0.257	Yes	Yes	44.7582	44	0.111	14.42031	14	0.212
1710	Calibration		Y080	South of A12 East Bergholt	WB	Jan-16	ATC	No	3675-3112	3675	3112	317	318	0.084	Yes	Yes	258.7166	259	0.047	Yes	Yes	43.89214	44	0.033	14.14128	15	0.138
1711	Calibration	SEGWay	Y115	East of B1069 Snape	EB	Jan-16	ATC	No	7352-3191	7352	3191	332	277	3.138	Yes	Yes	270.8411	218	3.374	Yes	Yes	45.9491	53	0.976	15.45982	7	2.682

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1712	Calibration	SEGWay	Y115	East of B1069 Snape	WB	Jan-16	ATC	No	3191-7352	3191	7352	290	365	4.127	Yes	Yes	236.6038	293	3.441	Yes	Yes	40.14064	61	2.933	13.50553	11	0.603
1713	Validation	SEGWay	Y141	A12 Farnham	SB	Jan-16	ATC	No	7304-1300	7304	1300	693	779	3.179	Yes	Yes	564.7108	607	1.734	Yes	Yes	95.80508	128	3.065	32.23413	44	1.917
1714	Validation	SEGWay	Y141	A12 Farnham	NB	Jan-16	ATC	No	1300-7304	1300	7304	580	648	2.760	Yes	Yes	472.5963	502	1.331	Yes	Yes	80.17755	106	2.651	26.97616	40	2.315
1715	Calibration	SEGWay	Y142	A12 Benhall (South of B1121)	SB	Jan-16	ATC	No	3180-3179	3180	3179	553	669	0.632	Yes	Yes	532.1039	519	0.592	Yes	Yes	90.27321	107	1.667	30.3729	44	2.183
1716	Calibration	SEGWay	Y142	A12 Benhall (South of B1121)	NB	Jan-16	ATC	No	3179-3180	3179	3180	480	580	4.322	Yes	Yes	391.4866	465	3.537	Yes	Yes	66.41702	77	1.285	22.34636	38	2.813
1717	Calibration	Waveney	Y149	A146 Beccles Bypass	EB	Jan-16	ATC	No	5650-2854	5650	2854	610	618	0.336	Yes	Yes	494.2624	495	0.043	Yes	Yes	83.85328	84	0.035	31.63428	39	1.288
1718	Calibration	Waveney	Y149	A146 Beccles Bypass	WB	Jan-16	ATC	No	2854-5650	2854	5650	903	904	0.026	Yes	Yes	731.9705	732	0.015	Yes	Yes	124.1812	124	0.001	46.8483	47	0.054
1719	Validation	Ipswich	Y151	London Road	SB	Jan-16	ATC	No	30153-5729	30153	5729	587	267	15.498	No	No	479.6569	194	15.586	No	No	81.3754	45	4.523	26.21774	28	0.326
1720	Validation	Ipswich	Y151	London Road	NB	Jan-16	ATC	No	5728-30153	5728	30153	766	281	21.178	No	No	625.6571	183	22.044	No	No	106.1448	63	4.719	34.19802	36	0.314
1721	Calibration		Y154	Loraine Way Bramford	SB	Jan-15	ATC	No	0033-30136	50033	30135	390	412	1.101	Yes	Yes	314.9283	291	1.374	Yes	Yes	55.74816	49	0.987	18.84148	72	7.878
1722	Calibration		Y154	Loraine Way Bramford	NB	Jan-15	ATC	No	0135-50033	30135	50033	326	323	0.153	Yes	Yes	263.5442	256	0.463	Yes	Yes	46.65222	51	0.640	15.76728	16	0.056
1723	Calibration	Lowestoft	Y159	London Road Pakefield	SB	Jan-16	ATC	No	1025-6345	1025	6345	381	352	1.533	Yes	Yes	310.1762	280	1.740	Yes	Yes	51.67672	68	2.156	19.39706	3	4.805
1724	Validation	Lowestoft	Y159	London Road Pakefield	NB	Jan-16	ATC	No	6345-1025	6345	1025	346	299	2.636	Yes	Yes	281.9044	263	1.119	Yes	Yes	46.96651	33	2.254	17.62907	3	4.568
1725	Calibration		Y176	East of Blacktiles Lane Martlesham	SB	Jan-16	ATC	No	0308-30583	30308	30583	126	122	0.382	Yes	Yes	102.783	102	0.106	Yes	Yes	17.43748	17	0.225	6.029522	4	1.019
1726	Calibration		Y176	East of Blacktiles Lane Martlesham	NB	Jan-16	ATC	No	0583-30308	30583	30308	142	125	1.438	Yes	Yes	115.4019	115	0.037	Yes	Yes	19.57832	10	2.591	6.769781	0	3.321
1727	Calibration	Ipswich	Y177	Norwich Road	SB	Jan-16	ATC	No	0127-30136	30127	30136	564	608	1.832	Yes	Yes	490.4784	532	1.816	Yes	Yes	49.66403	59	1.252	23.35755	17	1.315
1728	Calibration	Ipswich	Y177	Norwich Road	NB	Jan-16	ATC	No	0136-30127	30136	30127	662	697	1.325	Yes	Yes	576.2142	609	1.349	Yes	Yes	58.34532	60	0.233	27.44046	27	0.017
1731	Validation	Ipswich	Y190	Park Road	EB	Jan-16	ATC	No	0042-20263	20042	20263	247	104	10.828	No	No	214.9923	97	9.416	No	No	21.76933	4	4.939	10.23836	2	3.184
1732	Validation	Ipswich	Y190	Park Road	WB	Jan-16	ATC	No	0263-20042	20263	20042	502	151	19.446	No	No	436.7303	132	18.099	No	No	44.2217	9	6.931	20.79796	10	2.653
1733	Calibration	Ipswich	Y191	Fonnereau Road	EB	Jan-16	ATC	No	0309-20033	20309	20033	213	195	1.267	Yes	Yes	185.3982	167	1.364	Yes	Yes	18.77274	24	1.140	8.829029	4	2.117
1734	Calibration	Ipswich	Y191	Fonnereau Road	WB	Jan-16	ATC	No	0033-20309	20033	20309	133	131	0.129	Yes	Yes	115.3299	115	0.043	Yes	Yes	11.67788	12	0.044	5.492236	4	0.528
1735	Calibration	Ipswich	Y192	Crown Street	EB	Jan-16	ATC	No	0030-10029	30030	10029	522	512	0.446	Yes	Yes	454.5738	423	1.498	Yes	Yes	46.02846	73	3.478	21.6477	16	1.288
1736	Calibration	Ipswich	Y192	Crown Street	WB	Jan-16	ATC	No	0029-10030	10029	10030	566	633	2.745	Yes	Yes	492.4369	573	3.471	Yes	Yes	49.86233	47	0.352	23.45081	13	2.448
1738	Calibration	Stowmarket	Y218	B1115 Stowupland	SB	Jan-16	ATC	No	2379-3478	2379	3478	258	242	1.041	Yes	Yes	211.5442	195	1.139	Yes	Yes	35.88918	36	0.060	10.81667	11	0.042
1739	Calibration	Stowmarket	Y218	B1115 Stowupland	NB	Jan-16	ATC	No	3478-2379	3478	2379	244	244	0.012	Yes	Yes	199.8713	198	0.131	Yes	Yes	33.90884	33	0.077	10.21982	13	0.730
1742	Calibration	Sudbury	Y220	Waldingfield Road	EB	Jan-16	ATC	No	2770-2768	2770	2768	305	307	0.145	Yes	Yes	251.3081	251	0.001	Yes	Yes	42.63526	45	0.363	10.72331	11	0.045
1743	Calibration	Sudbury	Y220	Waldingfield Road	WB	Jan-16	ATC	No	2768-2770	2768	2770	462	456	0.298	Yes	Yes	381.0865	378	0.178	Yes	Yes	64.6526	65	0.038	16.26095	13	0.841
1744	Calibration	A11	0	te 6308/1 on link A11 southbound between A14 and	SB	Jan-15	TRADS	No	3074-3076	3074	3076	1761	1673	2.125	Yes	Yes	1454.349	1358	2.569	Yes	Yes	120.952	127	0.561	185.9071	188	0.147
1745	Calibration	A14	0	TMU Site 6308/2 on A14 westbound within J36	WB	Jan-15	TRADS	No	3074-3075	3074	3075	2180	2082	2.111	Yes	Yes	1718.64	1607	2.743	Yes	Yes	127.2096	128	0.111	333.8396	347	0.713
1747	Calibration	A11	0	IDAS site at A11/0904A priority 1 on link 10602530	NB	Jan-16	TRADS	No	2977-2978	2977	2978						753.25					95.66667			135.0833		
1748	Calibration	A14	0	MIDAS site at A14/1124A priority 1 on link	EB	Jan-16	TRADS	No	2988-2989	2988	2989	1140	1022	3.595	Yes	Yes	580.25	583	0.117	Yes	Yes	287.25	166	8.022	272.2333	272	0.012
1749	Calibration	A14	0	TMU Site 6313/2 on link A14 westbound within J35	WB	Jan-16	TRADS	No	2981-3073	2981	3073	2492	2551	1.182	Yes	Yes	2044.167	2040	0.086	Yes	Yes	114.8333	148	2.912	332.8333	363	1.601
1750	Calibration	A11	0	306/1 on link road from A11 southbound to A14	WB	Jan-16	TRADS	No	2535-2523	2535	2523	1722	1724	0.053	Yes	Yes	1456.083	1442	0.378	Yes	Yes	94	111	1.689	172	171	0.039
1752	Calibration	A14	0	10B; MIDAS site at A14/2010B priority 1 on link 106	WB	Jan-16	TRADS	No	0353-30104	0353	30104	1661	1701	0.972	Yes	Yes	1219.333	1239	0.567	Yes	Yes	141.8889	153	0.948	300	308	0.483
1754	Calibration	A14	0	TMU Site 6279/1 on link A14 J55 eastbound exit	EB	Jan-16	TRADS	No	0039-30796	0039	30796	1320	1230	2.537	Yes	Yes	1071.333	1074	0.087	Yes	Yes	99	102	0.322	150.1111	53	9.581
1757	Calibration	Lowestoft	9	JTC 9_E-In	EB	Jan-15	MCC	No	8070-6250	8070	6250	107	107	0.012	Yes	Yes	89.7351	89	0.030	Yes	Yes	17.48703	17	0.115	0	1	1.127
1758	Calibration	Lowestoft	9	JTC 9_E-Out	WB	Jan-15	MCC	No	6250-8070	6250	8070	70	73	0.350	Yes	Yes	65.0826	65	0.004	Yes	Yes	5.143245	7	0.628	0	1	1.717
1759	Calibration	A14	Jn 58	A14 / A12 Junc. - A12 Entrance	SB	13/10/2016	MCC	No	0106-30096	30106	30096	1792	1788	0.091	Yes	Yes	1489	1487	0.049	Yes	Yes	241	237	0.272	62	64	0.282
1760	Calibration	A14	Jn 58	A14 / A12 Junc. - A12 Exit	NB	13/10/2016	MCC	No	0772-30105	30772	30105	1852	1780	1.698	Yes	Yes	1434	1402	0.847	Yes	Yes	328	283	2.570	90	94	0.462
1761	Calibration	A14	Jn 58	A14 / A12 Junc. - Unknown Road Ent.	SB	13/10/2016	MCC	No	0356-30097	0356	30097	49	53	0.619	Yes	Yes	43	43	0.031	Yes	Yes	5	10	1.746	1	1	0.116
1762	Calibration	A14	Jn 58	A14 / A12 Junc. - Unknown Road Exit	NB	13/10/2016	MCC	No	0096-30356	0096	30356	21	45	4.146	Yes	Yes	16	39	4.347	Yes	Yes	5	5	0.013	0	1	1.417
1764	Calibration	A14	Jn 58	A14 / A12 Junc. - A14 EB Exit	EB	13/10/2016	MCC	No	0097-30101	0097	30101	588	591	0.119	Yes	Yes	512	514	0.106	Yes	Yes	64	64	0.036	12	12	0.054
1765	Calibration	A14	Jn 58	A14 / A12 Junc. - A1156 Entrance	NB	13/10/2016	MCC	No	0100-30098	0100	30098	556	581	1.062	Yes	Yes	497	488	0.407	Yes	Yes	51	80	3.538	8	14	1.746
1766	Calibration	A14	Jn 58	A14 / A12 Junc. - A1156 Exit	SB	13/10/2016	MCC	No	0099-30100	0099	30100	722	577	5.676	No	No	621	479	6.050	No	No	88	85	0.287	13	13	0.029
1768	Calibration	A14	Jn 58	A14 / A12 Junc. - A14 WB Exit	WB	13/10/2016	MCC	No	0098-30092	0098	30092	1189	1132	1.687	Yes	Yes	979	922	1.850	Yes	Yes	160	157	0.261	50	53	0.399
1769	Validation	Lowestoft	1	0	NB	Jan-16	MCC	No	2070-7000	2070	7000	1007	1069	1.934	Yes	Yes	833	895	2.098	Yes	Yes	118	149	2.663	56	26	4.707
1770	Validation	Lowestoft	1	0	SB	Jan-16	MCC	No	7000-2070	7000	2070	921	1038	3.728	Yes	Yes	742	869	4.476	Yes	No	130	135	0.440	49	34	2.402
1771	Calibration	Lowestoft	3	0	NB	Jan-16	MCC	No	9220-4612	9220	4612	123	123	0.029	Yes	Yes	100	100	0.036	Yes	Yes	23	23	0.008	0	0	0.000
1772	Calibration	Lowestoft	3	0	SB	Jan-16	MCC	No	4612-9220	4612	9220	80	82	0.175	Yes	Yes	25	25	0.002	Yes	Yes	53	53	0.000	2	4	0.949
1773	Calibration	Lowestoft	3	0	NE	Jan-16	MCC	No	9220-9230	9220	9230	185	187	0.154	Yes	Yes	174	175	0.058	Yes	Yes	9	9	0.007	2	3	0.824
1774	Calibration	Lowestoft	3	0	SW	Jan-16	MCC	No	9230-9220	9230	9220	100	100	0.002	Yes	Yes	92	92	0.002	Yes	Yes	8	8	0.000	0	0	0.000
1777	Calibration	Lowestoft	3	0	SB	Jan-16	MCC	No	9220-4603	9220	4603	71	72	0.107	Yes	Yes	55	55	0.032	Yes	Yes	15	15	0.008	1	2	0.596
1778	Calibration	Lowestoft	3	0	NB	Jan-16	MCC	No	4603-9220	4603	9220	52	52	0.062	Yes	Yes	36	36	0.003	Yes	Yes	15	15	0.000	1	1	0.423
1779	Calibration	Lowestoft	3	0	WB	Jan-16	MCC	No	9220-10190	9220	10190	345	326	1.057	Yes	Yes	259	258	0.055	Yes	Yes	74	62	1.487	12	6	2.087
1780	Calibration	Lowestoft	3	0	EB	Jan-16	MCC	No	10190-9220	10190	9220	396	393	0.162	Yes	Yes	344	341	0.166	Yes	Yes	41	41	0.002	11	11	0.039
1781	Calibration	Lowestoft	4	0	NB	Jan-16	MCC	No	9120-10185	9120	10185	133	131	0.159	Yes	Yes	103	101	0.180	Yes	Yes	23	23	0.002	7	7	0.002
1782	Calibration	Lowestoft	4	0	SB	Jan-16	MCC	No	10185-9120	10185	9120	149	132	1.405	Yes	Yes	108	108	0.001	Yes	Yes	27	21	1.238	14	3	3.600
1783	Calibration	Lowestoft	4	0	EB	Jan-16	MCC	No	9120-7200	9120	7200	242	233	0.593	Yes	Yes	184	181	0.224	Yes	Yes	44	43	0.199	14	9	1.407
1784	Calibration	Lowestoft	4	0	WB	Jan-16	MCC	No	7200-9120	7200	9120	316	313	0.178	Yes	Yes	271	269	0.139	Yes	Yes	36	36	0.068	9	8	0.444
1787	Validation	Lowestoft	5	0	NB	Jan-16	MCC	No	1260-6322	1260	6322	1412	1238	4.767	Yes	Yes	1205	1068	4.056	Yes	Yes	162	134	2.320	45	36	1.347
1788	Validation	Lowestoft	5	0	SB	Jan-16	MCC	No	6322-1260	6322	1260	811	845	1.192	Yes	Yes	658	693	1.332	Yes	Yes	117	135	1.592	36	18	3.505
1791	Calibration	Lowestoft	6	0	EB	Jan-16	MCC	No	6315-4000	6315	4000	1164	1185	0.598	Yes	Yes	1014	1005	0.291	Yes	Yes	109	138	2.597	41	42	0.142
1792	Calibration	Lowestoft	6	0	WB	Jan-16	MCC	No	4000-6315	4000	6315	540	530	0.419	Yes	Yes	417	437	0.962	Yes	Yes	91	74	1.847	32	19	2.523
1793	Calibration	Lowestoft	6	0	SE	Jan-16	MCC	No	6315-6382	6315	6382	24	27	0.594	Yes	Yes	23	23	0.038	Yes	Yes	1	4	1.884	0	0	0.646
1794	Calibration	Lowestoft	6	0	NW	Jan-16	MCC	No	6382-6315	6382	6315	8	24	3.931	Yes	Yes	6	22	4.197	Yes	Yes	2	2	0.000	0	0	0.295
1797	Calibration	Lowestoft	6	0	WB	Jan-16	MCC	No	6315-4010	6315	4010	348	338	0.519	Yes	Yes	310	307	0.155	Yes	Yes	31	31	0.020	7	0	3.742
1798	Calibration	Lowestoft	6	0	EB	Jan-16	MCC	No	4010-6315	4010	6315	449	441	0.365	Yes	Yes	398	393	0.234	Yes	Yes	38	38	0.011	13	10	0.874
1801	Calibration	Lowestoft	7	0	SB	Jan-16	MCC	No	4613-4614	4613	4614	10	14	1.076	Yes	Yes	8	13	1.656	Yes	Yes	0	0	0.469	2	0	1.752
1802	Calibration	Lowestoft	7	0	NB	Jan-16	MCC	No	4614-4613	4614	4613	29	29	0.089	Yes	Yes	24	24	0.014	Yes	Yes	2	2	0.000	3	3	0.244
1803	Calibration	Lowestoft	7	0	WB	Jan-16	MCC	No	4613-6384	4613	6384	149	140	0.717	Yes	Yes	118	118	0.002	Yes	Yes	26	22	0.740	5	0	3.162
1804	Calibration	Lowestoft	7	0	EB	Jan-16	MCC	No	6384-4613	6384	4613	425	406	0.934	Yes	Yes	388	369	0.991	Yes	Yes	30	30	0.013	7	7	0.117
1805	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 East	EB	Jan-16	fCC - 7 day	No	0303-3041	30303	30417	697	714	0.645	Yes	Yes	600	605	0.220	Yes	Yes	81	92	1.194	15.5	16	0.153
1806	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 East	WB	Jan-16	fCC - 7 day	No	0417-3030	30417	30303	901	922	0.679	Yes	Yes	829.25	848	0.635	Yes	Yes	65.75	68	0.258	6.25	6	0.010
1807	Calibration	Ipswich	0	A1214 / Bell Ln - Bell Ln	NB	Jan-16	fCC - 7 day	No	0448-3030	30448	30303	257	253	0.261	Yes	Yes	230.75	229	0.106	Yes	Yes	24.75	22	0.486	1.5	1	0.165
1808	Calibration	Ipswich	0	A1214 / Bell Ln - Bell Ln	SB	Jan-16	fCC - 7 day	No	0303-3044	30303	30448	300	299	0.024	Yes	Yes	277.75	278	0.001	Yes	Yes	20.5	20	0.100	1.25	1	0.056
1809	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 West	EB	Jan-16	fCC - 7 day	No	0302-3030	30302	30303	600	617	0.711	Yes	Yes	516.25	522	0.244	Yes	Yes	69	80	1.286	14.25	15	0.225
1810	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 West	WB	Jan-16	fCC - 7 day	No	0303-3030	30303	30302	762	779	0.616	Yes	Yes	698.5	715	0.636	Yes	Yes	58	58	0.026	5.25	5	0.010
1811	Calibration	A14		A14 MIDAS site at A14/1804J priority 1 on link 106045	EB	Jan-16	TRADS	No	0011-5001	50011	50014	315	352	2.038	Yes	Yes	246.9625	249	0.141	Yes	Yes	36.03745	29	1.280	32.20833	75	5.790
1812	Calibration	A14		A14 TMU Site 6294/1 on link A14 J53 eastbound exi	EB	Jan-16	TRADS	No	0004-3001	30004	30010	1023	1065	1.308	Yes	Yes	870.9389	908	1.253	Yes	Yes	109.8944	115	0.490	42.16667	42	0.044
1813	Calibration	A14		A14 TMU Site 6294/2 on link A14 eastbound within J5	EB	Jan-16	TRADS	No	0004-3001	30004	30013	2337	2214	2.566	Yes	Yes	1854.954	1822	0.760	Yes	Yes	192.7959	184	0.629	288.875	208	5.150
1814	Calibration	A14		A14 MIDAS site at A14/1844A priority 1 on link 106046	EB	Jan-16	TRADS	No	0015-3001	30015	30017	2794	2679	2.195	Yes	Yes	2171.954	2132	0.866	Yes	Yes	310.7959	300	0.645	310.875	247	3.796
1815	Calibration	A14		A14 MIDAS site at A14/1852J priority 1 on link 121034	EB	Jan-16	TRADS	No	0028-3002	30028	30029	427	395	1.555	Yes	Yes	313.0221	309	0.201	Yes	Yes	86.31124	83	0.309	27.5	2	6.504
1816	Calibration	Ipswich		JTC 12_B-Out	0	Jan-16	MCC	No	0029-3002	30029	30028	643	600	1.748	Yes	Yes	507.4791	493	0.629	Yes	Yes	108.9286	106	0.259	26.91177	0	7.290
1817	Calibration	A14		MIDAS site at A14/1866A priority 1 on link 10604880	EB	Jan-16	TRADS	No	0033-3003	30033	30034	3010	2883	2.335	Yes	Yes	2366.411	2316	1.045	Yes	Yes	333.4132	322	0.608	310.2868	245	3.911
1819	Calibration	A14		TMU Site 6279/2 on link A14 eastbound within J55	EB	Jan-16	TRADS	No	0039-3004	30039	30042	1690	1654	0.884	Yes	Yes	1295.078	1242	1.499	Yes	Yes	234.4132	220	0.944	160.1757	192	2.374
1820	Calibration	Ipswich		JTC 11_B-Out	0	Jan-16	MCC	No	0799-3004	30799	30049	1472	1458	0.355	Yes	Yes	1135.786	1147	0.317	Yes	Yes	223.6991	231	0.456	112.3899	81	3.169
1821	Calibration	A14		A14 MIDAS site at A14/1908A priority 1 on link 106048	EB	Jan-16	TRADS	No	0053-3005	30053	30055	3162	3112	0.876	Yes	Yes	2430.864	2389	0.852	Yes	Yes	458.1123	451	0.330	272.5655	272	0.010
1822	Calibration	A14		A14 TMU Site 6281/1 on link A14 J56 eastbound exi	EB	Jan-16	TRADS	No	0058-3006	30058	30061	591	601	0.377	Yes	Yes	509.2422	516	0.312	Yes	Yes	55.76413	58	0.306	26.30384	26	0.030
1823	Calibration	A14		A14 TMU Site 6281/2 on link A14 eastbound within J5	EB	Jan-16	TRADS	No	0058-3006	30058	30063	2570	2512	1.156	Yes	Yes	1921.622	1873	1.123	Yes	Yes	402.3482	393	0.469	246.2617	246	0.001
1824	Calibration	Ipswich		JTC 10_B-Out	0	Jan-16	MCC	No	0061-3006	30061	30063	931	894	1.202	Yes	Yes	803.2019	778	0.879	Yes	Yes	110.0417	99	1.129	17.48327	17	0.014
1825	Calibration	A14		A14 MIDAS site at A14/1963A priority 1 on link 106048	EB	Jan-16	TRADS	No	0071-3007	30071	30073	3501	3407	1.604	Yes	Yes	2724.823	2652	1.406	Yes	Yes	512.3899	491	0.937	263.745	263	0.021
1826	Calibration	A14		MIDAS site at A14/1965J priority 1 on link 10605350	EB	Jan-16	TRADS	No	0074-3007	30074	30077	1550	1500	1.281	Yes	Yes	1319.256	1286	0.912	Yes	Yes	171.2789	154	1.326	59.13202	59	0.025
1827	Calibration	A14		A14 TMU Site 6283/2 on link A14 eastbound within J5	EB	Jan-16	TRADS	No	0074-3008	30074	30081	1951	1907	1.006	Yes	Yes	1405.568	1366	1.074	Yes	Yes	341.111	337	0.222	204.6129	204	0.010

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1828	Calibration	Ipswich		Jn 43 A14 - Nacton Road to A14 EB Merge J57	0	Jan-16	MCC	No	0079-3008	30079	30081	200	225	1.686	Yes	Yes	117.7314	143	2.175	Yes	Yes	47.88054	48	0.013	34.61113	34	0.054
1829	Calibration	A14		A14 MIDAS site at A14/1977A priority 1 on link 106053	EB	Jan-16	TRADS	No	0082-3008	30082	30085	2152	2132	0.423	Yes	Yes	1523.299	1508	0.385	Yes	Yes	388.9915	385	0.206	239.2241	239	0.034
1831	Calibration	A14		A14 / A12 Junc. - A14 WB Ent.	WB	Jan-16	MCC	No	0103-3009	30103	30099	533	531	0.076	Yes	Yes	455.7453	454	0.087	Yes	Yes	56.49735	56	0.008	20.71569	21	0.033
1832	Calibration	A14		A14 TMU Site 6286/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0103-3009	30103	30094	1128	1170	1.227	Yes	Yes	763.588	785	0.782	Yes	Yes	85.39154	97	1.213	279.2843	288	0.492
1834	Calibration	A14		A14 MIDAS site at A14/1973B priority 1 on link 106053	WB	Jan-16	TRADS	No	0086-3008	30086	30084	2317	2303	0.288	Yes	Yes	1742.588	1710	0.781	Yes	Yes	245.3915	254	0.572	329.2843	339	0.524
1835	Calibration	A14		A14 TMU Site 6284/1 on link A14 J57 westbound exi	WB	Jan-16	TRADS	No	0083-3008	30083	30080	512	508	0.172	Yes	Yes	450.12	449	0.061	Yes	Yes	31.22842	29	0.440	30.15158	30	0.030
1836	Calibration	A14		A14 TMU Site 6284/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0083-3007	30083	30076	1806	1796	0.235	Yes	Yes	1273.671	1261	0.347	Yes	Yes	234.3915	226	0.579	297.701	309	0.642
1837	Calibration	Ipswich		Jn 44 A14 - Nacton Road to A14 WB Merge J57	0	Jan-16	MCC	No	0080-3007	30080	30076	740	754	0.527	Yes	Yes	501.1593	506	0.220	Yes	Yes	179.3207	187	0.568	59.54778	61	0.228
1838	Calibration	A14		A14 MIDAS site at A14/1957B priority 1 on link 106047	WB	Jan-16	TRADS	No	0072-3007	30072	30070	2546	2550	0.082	Yes	Yes	1774.831	1767	0.179	Yes	Yes	413.7122	412	0.075	357.2488	370	0.691
1839	Calibration	Ipswich		JTC 10_D-Out	0	Jan-16	MC	No	0062-3006	30062	30060	516	506	0.415	Yes	Yes	393.9068	390	0.213	Yes	Yes	76.67286	77	0.018	45.04531	40	0.818
1840	Calibration	A14		A14 MIDAS site at A14/1913B priority 1 on link 106049	WB	Jan-16	TRADS	No	0059-3005	30059	30056	2385	2373	0.253	Yes	Yes	1574.738	1553	0.540	Yes	Yes	422.3851	421	0.056	388.2941	398	0.513
1841	Calibration	A14		A14 TMU Site 6280/1 on link A14 J55 westbound exi	WB	Jan-16	TRADS	No	0051-3079	30051	30798	1151	1139	0.353	Yes	Yes	820.5412	809	0.391	Yes	Yes	198.0952	197	0.074	132.0634	132	0.023
1842	Calibration	A14		A14 TMU Site 6280/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0051-3004	30051	30043	1235	1234	0.012	Yes	Yes	754.1963	744	0.374	Yes	Yes	224.2899	224	0.007	256.2306	266	0.613
1843	Calibration	Ipswich		JTC 11_D-Out	0	Jan-16	MCC	No	0795-3004	30795	30041	1106	1081	0.764	Yes	Yes	773.3209	760	0.492	Yes	Yes	180.0264	174	0.448	152.8526	147	0.464
1844	Calibration	A14		A14 MIDAS site at A14/1861B priority 1 on link 106047	WB	Jan-16	TRADS	No	0035-3003	30035	30031	2341	2315	0.538	Yes	Yes	1527.517	1503	0.626	Yes	Yes	404.3163	398	0.302	409.0832	414	0.219
1845	Calibration	A14		A14 MIDAS site at A14/1855L priority 1 on link 121033	WB	Jan-16	TRADS	No	0025-3002	30025	30026	277	257	1.247	Yes	Yes	198.6771	195	0.266	Yes	Yes	58.36842	56	0.260	20.20445	6	4.095
1846	Calibration	A14		A14 TMU Site 6293/1 on link A14 J53 westbound exi	WB	Jan-16	TRADS	No	0005-3000	30005	30006	454	461	0.301	Yes	Yes	390.9626	394	0.150	Yes	Yes	55.98078	57	0.114	7.223327	10	0.890
1847	Calibration	A14		A14 TMU Site 6293/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0005-3000	30005	30002	1901	1880	0.476	Yes	Yes	1142.877	1127	0.472	Yes	Yes	356.9671	352	0.266	400.6554	401	0.012
1848	Calibration	Ipswich		JTC 14_E-Out	0	Jan-16	MCC	No	0010-3000	30010	30008	793	818	0.892	Yes	Yes	635.3415	657	0.835	Yes	Yes	133.59	134	0.041	24.19347	28	0.714
1849	Calibration	A14		A14 MIDAS site at A14/1813B priority 1 on link 106063	WB	Jan-16	TRADS	No	0024-5002	50024	50022	2694	2700	0.115	Yes	Yes	1778.219	1786	0.180	Yes	Yes	490.5571	485	0.245	424.8489	429	0.183
1850	Calibration	A14		A14 MIDAS site at A14/1811L priority 1 on link 106046	WB	Jan-16	TRADS	No	0021-5001	50021	50018	706	647	2.293	Yes	Yes	539.8405	525	0.659	Yes	Yes	105.987	105	0.100	60.42251	17	6.974
1853	Calibration	SEGWay	2	Main Road Near School Lane	EB	Jan-17	ATC	No	5496-3181	5496	3181	151	161	0.830	Yes	Yes	121.6049	130	0.783	Yes	Yes	20.72465	19	0.303	8.321378	11	0.937
1854	Calibration	SEGWay	2	Main Road Near School Lane	WB	Jan-17	ATC	No	3181-5496	3181	5496	140	147	0.526	Yes	Yes	113.3715	110	0.338	Yes	Yes	19.32146	22	0.649	7.757969	15	2.065
1855	Calibration	SEGWay	3	Mitford Road	EB	Jan-17	ATC	No	7328-7327	7328	7327	8	9	0.537	Yes	Yes	6.387127	8	0.530	Yes	Yes	1.088533	1	0.242	0.437069	1	0.512
1856	Calibration	SEGWay	3	Mitford Road	WB	Jan-17	ATC	No	7327-7328	7327	7328	8	28	4.795	Yes	Yes	6.387127	27	5.099	No	Yes	1.088533	0	0.714	0.437069	1	0.152
1859	Validation	SEGWay	5	Park Road South of Harrow Lane	NB	Jan-17	ATC	No	6017-7328	6017	7328	4	1	2.061	Yes	Yes	3.597088	1	2.088	Yes	Yes	0.728513	0	0.548	0	0	0.349
1860	Validation	SEGWay	5	Park Road South of Harrow Lane	SB	Jan-17	ATC	No	7328-6017	7328	6017	5	24	4.906	Yes	Yes	4.837463	19	4.133	Yes	Yes	0.485675	5	2.639	0	0	0.704
1861	Calibration	SEGWay	6	Farnham Road	NB	Jan-17	ATC	No	7348-3179	7348	3179	261	272	0.689	Yes	Yes	210.376	242	2.074	Yes	Yes	35.85355	30	0.987	14.39595	0	5.293
1862	Calibration	SEGWay	6	Farnham Road	SB	Jan-17	ATC	No	3179-7348	3179	7348	316	250	3.894	Yes	Yes	254.7865	206	3.245	Yes	Yes	43.42226	41	0.351	17.43494	3	4.323
1865	Calibration	SEGWay	8	Langham Road Connecting A12	NB	Jan-17	ATC	No	7365-7304	7365	7304	6	10	1.099	Yes	Yes	5.189541	8	0.982	Yes	Yes	0.884433	1	0.037	0.355118	1	0.787
1866	Calibration	SEGWay	8	Langham Road Connecting A12	SB	Jan-17	ATC	No	7304-7365	7304	7365	7	13	2.015	Yes	Yes	5.28934	11	2.110	Yes	Yes	0.901441	1	0.414	0.361948	0	0.933
1871	Calibration	SEGWay	11	Church Road	EB	Jan-17	ATC	No	7342-7366	7342	7366	12	41	5.719	No	Yes	9.480892	38	5.803	No	Yes	1.615791	3	1.137	0.648774	0	0.926
1872	Calibration	SEGWay	11	Church Road	WB	Jan-17	ATC	No	7366-7342	7366	7342	16	7	2.582	Yes	Yes	12.87405	5	2.724	Yes	Yes	2.194074	1	0.992	0.880967	1	0.518
1875	Calibration	SEGWay	13	A12 Near Park Cottage	EB	Jan-17	ATC	No	7351-7303	7351	7303	582	614	1.283	Yes	Yes	452.7533	471	0.855	Yes	Yes	97.22484	103	0.584	32.36891	40	1.193
1876	Calibration	SEGWay	13	A12 Near Park Cottage	WB	Jan-17	ATC	No	7303-7351	7303	7351	786	789	0.092	Yes	Yes	611.2829	614	0.121	Yes	Yes	131.2677	131	0.060	43.70274	44	0.042
1877	Calibration	SEGWay	14	Buttons Road	NB	Jan-17	ATC	No	7351-7321	7351	7321	40	44	0.643	Yes	Yes	32.23503	43	1.764	Yes	Yes	5.493689	1	2.509	2.205831	0	2.009
1878	Calibration	SEGWay	14	Buttons Road	SB	Jan-17	ATC	No	7321-7351	7321	7351	33	14	3.921	Yes	Yes	26.4467	12	3.344	Yes	Yes	4.507206	2	1.484	1.809738	0	1.667
1879	Calibration	SEGWay	15	Bell Lane	NB	Jan-17	ATC	No	5849-7317	5849	7317	30	68	5.389	No	Yes	24.15133	60	5.561	No	Yes	4.116015	5	0.533	1.652666	2	0.251
1880	Calibration	SEGWay	15	Bell Lane	SB	Jan-17	ATC	No	7317-5849	7317	5849	46	23	4.020	Yes	Yes	37.52437	10	5.654	No	Yes	6.395131	7	0.327	2.567778	6	1.502
1885	Validation	SEGWay	18	A12 Near Whin Belt	EB	Jan-17	ATC	No	5957-7300	5957	7300	592	678	3.429	Yes	Yes	459.9442	528	3.046	Yes	Yes	98.76903	109	1.004	32.88301	41	1.393
1886	Validation	SEGWay	18	A12 Near Whin Belt	WB	Jan-17	ATC	No	7300-5957	7300	5957	842	744	3.473	Yes	Yes	654.5656	556	3.992	Yes	Yes	140.5623	137	0.311	46.79717	51	0.585
1889	Calibration	SEGWay	20	The Street Near The Lodge	NB	Jan-17	ATC	No	3177-7310	3177	7310	275	270	0.306	Yes	Yes	222.0525	220	0.116	Yes	Yes	37.84353	38	0.025	15.19497	12	0.952
1890	Calibration	SEGWay	20	The Street Near The Lodge	SB	Jan-17	ATC	No	7310-3177	7310	3177	378	429	2.535	Yes	Yes	304.9853	358	2.931	Yes	Yes	51.97745	48	0.613	20.87003	23	0.397
1891	Calibration	SEGWay	21	Main Road Near School Lane	EB	Jan-17	ATC	No	3154-3177	3154	3177	198	157	3.072	Yes	Yes	160.0774	118	3.591	Yes	Yes	27.28136	32	0.853	10.95403	8	1.075
1892	Calibration	SEGWay	21	Main Road Near School Lane	WB	Jan-17	ATC	No	3177-3154	3177	3154	211	163	3.471	Yes	Yes	170.0573	112	4.928	Yes	Yes	28.98219	34	0.860	11.63695	18	1.615
1895	Validation	SEGWay	23	Hall Road Near Silverlace Green	EB	Jan-17	ATC	No	7314-7322	7314	7322	40	23	3.013	Yes	Yes	32.63423	21	2.348	Yes	Yes	5.561723	3	1.396	2.233148	0	1.900
1896	Validation	SEGWay	23	Hall Road Near Silverlace Green	WB	Jan-17	ATC	No	7322-7314	7322	7314	44	54	1.356	Yes	Yes	35.72799	52	2.482	Yes	Yes	6.088981	1	2.383	2.444853	0	2.062
1897	Validation	SEGWay	24	Lane Connecting B1119	NB	Jan-17	ATC	No	7353-7315	7353	7315	12	24	2.729	Yes	Yes	10.07969	21	2.667	Yes	Yes	1.717841	3	0.994	0.689749	0	0.440
1898	Validation	SEGWay	24	Lane Connecting B1119	SB	Jan-17	ATC	No	7315-7353	7315	7353	25	45	3.372	Yes	Yes	20.05957	39	3.499	Yes	Yes	3.418674	4	0.060	1.372669	2	0.567
1899	Calibration	SEGWay	25	The Street Near Tyw Cottage	NB	Jan-17	ATC	No	5481-7369	5481	7369	242	175	4.627	Yes	Yes	195.6058	139	4.368	Yes	Yes	33.33632	33	0.046	13.38523	3	3.498
1900	Calibration	SEGWay	25	The Street Near Tyw Cottage	SB	Jan-17	ATC	No	7369-5481	7369	5481	377	371	0.269	Yes	Yes	303.9873	295	0.516	Yes	Yes	51.80736	58	0.834	20.80174	18	0.556
1901	Validation	SEGWay	26	Woodbridge Road	NB	Jan-17	ATC	No	5483-3169	5483	3169	130	113	1.567	Yes	Yes	105.2424	92	1.374	Yes	Yes	17.93605	19	0.148	7.2017	3	1.909
1902	Validation	SEGWay	26	Woodbridge Road	SB	Jan-17	ATC	No	3169-5483	3169	5483	129	150	1.787	Yes	Yes	104.2989	104	0.002	Yes	Yes	17.77525	33	3.042	7.137133	13	1.822
1903	Validation	SEGWay	27	Orford Road	EB	Jan-17	ATC	No	3168-3166	3168	3166	40	90	6.141	No	Yes	32.37919	79	6.227	No	Yes	5.518257	11	1.828	2.215695	0	2.080
1904	Validation	SEGWay	27	Orford Road	WB	Jan-17	ATC	No	3166-3168	3166	3168	33	43	1.659	Yes	Yes	26.52432	34	1.275	Yes	Yes	4.520439	8	1.523	1.815049	1	0.517
1905	Calibration	SEGWay	28	A22 Near Middleton Road	NB	Jan-17	ATC	No	3216-5891	3216	5891	464	558	4.174	Yes	Yes	360.5202	439	3.912	Yes	Yes	77.71858	75	0.272	25.77484	44	3.128
1906	Calibration	SEGWay	28	A22 Near Middleton Road	SB	Jan-17	ATC	No	5891-3216	5891	3216	585	537	2.026	Yes	Yes	454.6608	422	1.546	Yes	Yes	97.63446	84	1.447	32.50528	31	0.323
1907	Calibration	SEGWay	29	Middleton Road Connecting A12	EB	Jan-17	ATC	No	3216-5856	3216	5856	150	111	3.394	Yes	Yes	120.7566	91	2.920	Yes	Yes	20.58007	19	0.443	8.26333	2	3.048
1908	Calibration	SEGWay	29	Middleton Road Connecting A12	WB	Jan-17	ATC	No	5856-3216	5856	3216	118	120	0.218	Yes	Yes	95.10832	89	0.630	Yes	Yes	16.20893	17	0.269	6.508226	14	2.296
1909	Calibration	SEGWay	30	Mill Lane East of Stratford St Andrew	EB	Jan-17	ATC	No	7376-1300	7376	1300	30	55	3.893	Yes	Yes	24.19125	49	4.038	Yes	Yes	4.122818	6	0.708	1.655398	1	0.401
1910	Calibration	SEGWay	30	Mill Lane East of Stratford St Andrew	WB	Jan-17	ATC	No	1300-7376	1300	7376	25	11	3.223	Yes	Yes	20.03961	10	2.566	Yes	Yes	3.415272	1	1.902	1.371303	0	1.050
1911	Calibration	SEGWay	31	A12 South Of B1078	NB	Jan-17	ATC	No	5772-3170	5772	3170	632	781	5.591	No	No	491.7407	623	5.552	No	No	105.597	113	0.706	35.15625	45	1.606
1912	Calibration	SEGWay	31	A12 South Of B1078	SB	Jan-17	ATC	No	3171-5774	3171	5774	1050	1001	1.531	Yes	Yes	816.622	801	0.534	Yes	Yes	175.3625	138	2.973	58.38314	62	0.433
1915	Validation	SEGWay	33	Abbey Lane	NB	Jan-17	ATC	No	5519-5520	5519	5520	54	80	3.254	Yes	Yes	43.21291	62	2.627	Yes	Yes	7.364605	9	0.578	2.957043	9	2.418
1916	Validation	SEGWay	33	Abbey Lane	SB	Jan-17	ATC	No	5520-5519	5520	5519	25	40	2.695	Yes	Yes	20.05957	32	2.333	Yes	Yes	3.418674	5	0.766	1.372669	3	1.247
1917	Calibration	SEGWay	34	King Georges Avenue	EB	Jan-17	ATC	No	6023-7333	6023	7333	153	264	7.712	No	No	123.4512	228	7.882	No	No	21.0393	35	2.599	8.447718	2	3.037
1918	Calibration	SEGWay	34	King Georges Avenue	WB	Jan-17	ATC	No	7333-6023	7333	6023	68	40	3.835	Yes	Yes	55.28857	25	4.867	Yes	Yes	9.422613	13	1.010	3.783376	3	0.488
1919	Validation	SEGWay	35	Lovers Lane	EB	Jan-17	ATC	No	7332-7333	7332	7333	161	69	8.570	No	Yes	129.7385	54	7.892	No	Yes	22.11082	8	3.768	8.877958	7	0.582
1920	Validation	SEGWay	35	Lovers Lane	WB	Jan-17	ATC	No	7333-7332	7333	7332	45	48	0.418	Yes	Yes	36.52638	30	1.048	Yes	Yes	6.225047	12	1.927	2.499487	6	1.539
1921	Calibration	SEGWay	36	Easton Road	NB	Jan-17	ATC	No	7309-5971	7309	5971	105	59	5.081	No	Yes	84.74349	46	4.729	Yes	Yes	14.4425	10	1.302	5.798965	3	1.536
1922	Calibration	SEGWay	36	Easton Road	SB	Jan-17	ATC	No	5971-7309	5971	7309	130	123	0.584	Yes	Yes	104.8886	108	0.341	Yes	Yes	17.87575	13	1.121	7.177487	2	2.712
2096	Calibration	SEGWay	1B	A12/B1078	Exit	Jan-17	NPR/MCC	No	3177-3178	3177	3178	129	129	0.049	Yes	Yes	95.2608	95	0.018	Yes	Yes	26.22648	26	0.044	7.898737	8	0.057
2097	Calibration	SEGWay	1B	A12/B1078	pproac	Jan-17	NPR/MCC	No	3174-3176	3174	3176	124	123	0.118	Yes	Yes	90.2993	89	0.115	Yes	Yes	28.16918	28	0.074	5.924053	6	0.066
2102	Calibration	SEGWay	1E	A12/B1078	pproac	Jan-17	NPR/MCC	No	3170-3172	3170	3172	170	232	4.374	Yes	Yes	128.0067	190	4.936	Yes	Yes	30.11188	30	0.024	11.84811	12	0.039
2103	Calibration	SEGWay	1E	A12/B1078	Exit	Jan-17	NPR/MCC	No	3173-3171	3173	3171	380	380	0.002	Yes	Yes	334.4051	334	0.005	Yes	Yes	29.14053	29	0.020	16.78482	17	0.039
2106	Validation	SEGWay	2A	A12/A1094	pproac	Jan-17	MCC	No	6017-3179	6017	3179	640	650	0.413	Yes	Yes	444.5504	504	2.733	Yes	Yes	146.674	105	3.715	48.37976	41	1.104
2107	Validation	SEGWay	2A	A12/A1094	Exit	Jan-17	MCC	No	3179-6017	3179	6017	768	761	0.242	Yes	Yes	640.0335	594	1.858	Yes	Yes	101.0205	124	2.127	26.65824	44	2.854
2120	Calibration	Ipswich	1	Saw Hill North of Pigeons Lane	NB	Jan-17	ATC	No	0035-5003	50035	50034	431	171	14.961	No	No	391.4941	164	13.667	No	No	34.21314	6	6.416	5.046415	2	1.729
2121	Calibration	Ipswich	1	Saw Hill North of Pigeons Lane	SB	Jan-17	ATC	No	0034-5003	50034	50035	197	140	4.393	Yes	Yes	165.9079	57	10.267	No	No	30.86737	22	1.645	0.329114	60	10.889
2122	Calibration	Ipswich	3	Burstall Lane West of B1113	EB	Jan-17	ATC	No	5841-30135	5841	30135	281	230	3.139	Yes	Yes	266.4013	205	3.985	Yes	Yes	12.73549	23	2.347	1.426161	3	0.812
2123	Calibration	Ipswich	3	Burstall Lane West of B1113	WB	Jan-17	ATC	No	30135-5841	30135	5841	93	199	8.797	No	No	87.69733	150	5.697	No	Yes	3.993332	47	8.552	1.206751	2	0.834
2124	Calibration	Ipswich	6	Somersham Road East of The Beeches	EB	Jan-17	ATC	No	5643-50029	5643	50029	186	742	25.779	No	No	175.4769	654	23.484	No	No	10.19919	78	10.198	0.617089	10	4.085
2125	Calibration	Ipswich	6	Somersham Road East of The Beeches	WB	Jan-17	ATC	No	50029-5643	50029	5643	110	746	30.759	No	No	99.59838	643	28.191	No	No	9.349253	94	11.796	0.863924	9	3.710
2126	Calibration	Ipswich	11	Henley Road	NB	Jan-17	ATC	No	0083-5008	50083	50084	318	286	1.824	Yes	Yes	300.037	254	2.780	Yes	Yes	16.62089	18	0.234	1.316456	15	4.769
2127	Calibration	Ipswich	11	Henley Road	SB	Jan-17	ATC	No	0084-5008	50084	50083	401	239	9.049	No	No	379.517	214	9.610	No	No	19.21116	22	0.714	2.084389	3	0.288
2128	Calibration	Ipswich	12	Westerfield Road	NB	Jan-17	ATC	No	0536-5008	50536	50082	148	127	1.824	Yes	Yes	134.0708	110	2.135	Yes	Yes	12.51963	16	0.796	1.864979	1	0.644
2129	Calibration	Ipswich	12	Westerfield Road	SB	Jan-17	ATC	No	0082-3053	50082	30536	196	269	4.779	Yes	Yes	184.5678	238	3.657	Yes	Yes	9.71351	26	3.881	1.535865	5	1.830
2130	Calibration	Ipswich	13	Clopton Road	NB	Jan-17	ATC	No	0077-5008	50077	50080	38	32	1.046	Yes	Yes	34.17922	24	1.920	Yes	Yes	3.56162	3	0.225	0.219409	5	2.888
2131	Calibration	Ipswich	13	Clopton Road	SB	Jan-17	ATC	No	0080-5007	50080	50077	93	21	9.608	No	No	89.96853	18	9.862	No	Yes	1.942702	1	0.354	1.097047	1	0.343
2132	Calibration	Ipswich	14	hed Road[30M]Btwn Holly Lane And Grundisburgh R	NB	Jan-17	ATC	No	0065-5006	50065	50063	147	244	6.920	No	Yes	140.4105	211	5.296	No	Yes	6.192362	28	5.213	0.617089	6	2.896
2133	Calibration	Ipswich	14	hed Road[30M]Btwn Holly Lane And Grundisburgh R	SB	Jan-17	ATC	No	0063-5006	50063	50065	301	416	6.121	No	No	286.0305	400	6.142	No	No	11.65621	14	0.731	2.838608	2	0.299
2134	Calibration	Ipswich	15	Ipswich Road[60M]North Of Culpho	NB	Jan-17	ATC	No	0074-5007	50074	50073	74	110	3.749	Yes	Yes	67.36614	102	3.767	Yes	Yes	5.396394	8	0.868	0.987342	0	1.405
2135	Calibration	Ipswich	15	Ipswich Road[60M]North Of Culpho	SB	Jan-17	ATC	No	0073-5007	50073	50074	108	291	12.970	No	No	104.6325	285	12.922	No	No	2.590269	2	0.140	0.438819	3	2.112

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
2136	Calibration	Ipswich	16	Lodge Road[30M]East Of Manor House Road	NB	Jan-17	ATC	No	0313-5005	30313	50059	50	2	9.397	No	Yes	48.29193	2	9.258	No	Yes	1.403062	0	1.375	0.438819	0	0.882
2137	Calibration	Ipswich	16	Lodge Road[30M]East Of Manor House Road	SB	Jan-17	ATC	No	0059-3031	50059	30313	49	1	9.527	No	Yes	45.20471	1	9.126	No	Yes	3.885404	0	2.682	0.219409	0	0.552
2138	Calibration	Ipswich	19	Sandy Lane[60M]East Of Top Street	EB	Jan-17	ATC	No	5447-5448	5447	5448	38	124	9.533	No	Yes	34.49621	113	9.166	No	Yes	3.575111	10	2.377	0.233122	1	1.186
2139	Calibration	Ipswich	19	Sandy Lane[60M]East Of Top Street	WB	Jan-17	ATC	No	5448-5447	5448	5447	49	172	11.698	No	No	46.25221	164	11.458	No	No	2.657724	8	2.347	0.123418	0	0.346
2140	Calibration	Ipswich	20	School Lane[60M]East Of Viking Heights	NB	Jan-17	ATC	No	0580-3030	30580	30309	70	97	2.997	Yes	Yes	63.25913	79	1.898	Yes	Yes	6.192362	14	2.538	0.370253	4	2.298
2141	Calibration	Ipswich	20	School Lane[60M]East Of Viking Heights	SB	Jan-17	ATC	No	0309-3058	30309	30580	78	252	13.532	No	No	71.56964	221	12.375	No	No	5.463849	30	5.791	1.234178	1	0.104
2142	Calibration	Ipswich	21	9-021 Suffolk. Newbourne Road East of A12. Eastb	EB	Jan-17	ATC	No	0611-3061	30611	30613	259	84	13.348	No	No	222.0271	70	12.536	No	No	27.31925	10	4.058	9.503168	4	2.209
2143	Calibration	Ipswich	21	9-021 Suffolk. Newbourne Road East of A12. Westb	WB	Jan-17	ATC	No	0613-3061	30613	30611	333	94	16.321	No	No	284.418	86	14.596	No	No	36.30424	6	6.554	11.97152	2	3.627
2144	Calibration	Ipswich	22	ffolk. Main Road East of Road Connects Seven Hill	EB	Jan-17	ATC	No	0356-3061	30356	30618	112	43	7.790	No	Yes	100.7185	38	7.597	No	Yes	9.349253	5	1.715	1.604431	1	0.738
2145	Calibration	Ipswich	22	ffolk. Main Road East of Road Connects Seven Hill	WB	Jan-17	ATC	No	0618-3035	30618	30356	86	62	2.745	Yes	Yes	80.74841	53	3.330	Yes	Yes	3.521147	8	1.809	1.234178	1	0.615
2146	Calibration	Ipswich	24	-024 Suffolk. Felixstowe Road East of A1156. Eastb	EB	Jan-17	ATC	No	0259-3034	30259	30349	152	10	15.735	No	No	140.7826	1	16.570	No	No	9.956347	1	4.066	1.234178	8	3.284
2147	Calibration	Ipswich	24	-024 Suffolk. Felixstowe Road East of A1156. Westb	WB	Jan-17	ATC	No	0349-3025	30349	30259	151	5	16.436	No	No	138.798	0	16.661	No	No	9.956347	0	4.462	1.974684	5	1.813
2148	Calibration	Ipswich	25	5 Suffolk. The Street South of Felixstowe Road. No	NB	Jan-17	ATC	No	0263-3025	30263	30258	95	56	4.555	Yes	Yes	90.54738	45	5.484	No	Yes	3.763985	10	2.433	0.740507	0	1.217
2149	Calibration	Ipswich	25	5 Suffolk. The Street South of Felixstowe Road. So	SB	Jan-17	ATC	No	0258-3026	30258	30263	134	138	0.308	Yes	Yes	127.0144	112	1.349	Yes	Yes	6.678038	26	4.740	0.740507	0	1.217
2150	Calibration	Ipswich	26	39-026 Suffolk. Nacton Road South of A14. Northbo	NB	Jan-17	ATC	No	0260-3008	30260	30080	129	82	4.550	Yes	Yes	124.3494	58	6.962	No	Yes	4.209187	15	3.447	0.109705	9	4.221
2151	Calibration	Ipswich	26	39-026 Suffolk. Nacton Road South of A14. Southbo	SB	Jan-17	ATC	No	0080-3026	30080	30260	78	100	2.374	Yes	Yes	72.48232	80	0.906	Yes	Yes	4.856755	13	2.759	0.219409	6	3.396
2152	Validation	Ipswich	32	14139-032 Suffolk. B1067 East of A14. Eastbound	EB	Jan-17	ATC	No	0744-3078	30744	30780	253	249	0.229	Yes	Yes	236.9657	228	0.587	Yes	Yes	14.03062	18	1.048	1.864979	3	0.715
2153	Validation	Ipswich	32	14139-032 Suffolk. B1067 East of A14. Westbound	WB	Jan-17	ATC	No	0780-3074	30780	30744	242	284	2.620	Yes	Yes	225.3422	250	1.610	Yes	Yes	14.89405	32	3.529	1.64557	2	0.420
2154	Validation	Ipswich	33	k. Sproughton Road East of A14 West of Farthing R	EB	Jan-17	ATC	No	0029-3073	30029	30739	762	588	6.694	No	No	678.7443	490	7.821	No	No	69.61349	99	3.154	13.82279	0	5.258
2155	Validation	Ipswich	33	k. Sproughton Road East of A14 West of Farthing R	WB	Jan-17	ATC	No	0739-3002	30739	30029	648	547	4.101	Yes	Yes	577.6993	425	6.823	No	No	57.52556	122	6.843	12.39663	0	4.979
2156	Validation	Ipswich	34	9-034 Suffolk. A1071 West of Hadleigh Road. Eastb	EB	Jan-17	ATC	No	0034-3015	50034	30150	942	654	10.185	No	No	870.6856	590	10.406	No	No	44.79007	47	0.296	26.54853	18	1.816
2157	Validation	Ipswich	34	9-034 Suffolk. A1071 West of Hadleigh Road. Westb	WB	Jan-17	ATC	No	0150-5003	30150	50034	623	626	0.119	Yes	Yes	554.6443	495	2.598	Yes	Yes	59.89998	116	5.955	8.008441	15	1.986
2158	Validation	Ipswich	36	9-036 Suffolk. Scrivener Drive East of A1214. Eastb	EB	Jan-17	ATC	No	5729-3015	5729	30159	500	539	1.674	Yes	Yes	471.6903	490	0.840	Yes	Yes	25.47098	36	1.868	3.181436	13	3.346
2159	Validation	Ipswich	36	9-036 Suffolk. Scrivener Drive East of A1214.Westb	WB	Jan-17	ATC	No	30159-5731	30159	5731	808	401	16.549	No	No	753.094	317	18.866	No	No	41.33638	72	4.027	13.60338	13	0.230
2160	Calibration	Ipswich	38	8 Suffolk. Bramford Lane East of Cromer Road. No	NB	Jan-17	ATC	No	0266-3082	20266	30829	111	220	8.443	No	No	106.6949	208	8.068	No	No	3.129909	12	3.147	1.206751	0	1.554
2161	Calibration	Ipswich	38	8 Suffolk. Bramford Lane East of Cromer Road. So	SB	Jan-17	ATC	No	0829-2026	30829	20266	404	169	13.929	No	No	389.0579	151	14.479	No	No	10.57693	17	1.829	4.607596	0	3.036
2162	Calibration	Ipswich	40	Dale Hale Lane South Of Larchcroft Road	NB	Jan-17	ATC	No	0828-3082	30828	30827	214	142	5.374	No	Yes	207.0023	97	8.951	No	No	6.678038	3	1.888	0.246836	43	9.184
2163	Calibration	Ipswich	40	Dale Hale Lane South Of Larchcroft Road [30M]	SB	Jan-17	ATC	No	0827-3082	30827	30828	317	257	3.496	Yes	Yes	306.6792	181	8.050	No	No	8.62074	3	2.489	1.234178	74	11.834
2164	Calibration	Ipswich	43	Hadleigh Road West Of Dunlop Road [30M]	EB	Jan-17	ATC	No	0146-3078	30146	30782	550	456	8.238	No	No	511.0008	433	7.795	No	No	33.13386	20	2.644	5.704643	4	0.951
2165	Calibration	Ipswich	43	Hadleigh Road West Of Dunlop Road [30M]	WB	Jan-17	ATC	No	0782-3014	30782	30146	293	141	10.379	No	No	224.6431	100	9.804	No	No	64.9591	39	3.640	3.825951	2	1.061
2166	Calibration	Ipswich	44	A1214 East Dickens Road	NB	Jan-17	ATC	No	0381-3014	30381	30148	598	610	0.516	Yes	Yes	537.6412	534	0.172	Yes	Yes	45.11386	46	0.111	14.81013	31	3.336
2167	Calibration	Ipswich	44	A1214 East Dickens Road	SB	Jan-17	ATC	No	0148-3038	30148	30381	702	582	4.719	Yes	No	638.5243	508	5.453	No	No	43.38701	49	0.816	19.63714	25	1.154
2168	Calibration	Ipswich	45	Ancaster Rd [30M]	NB	Jan-17	ATC	No	0171-3016	30171	30167	491	394	4.602	Yes	Yes	466.3103	378	4.319	Yes	Yes	19.18418	16	0.655	5.306964	0	3.258
2169	Calibration	Ipswich	45	Ancaster Rd [30M]	SB	Jan-17	ATC	No	0167-3017	30167	30171	249	311	3.716	Yes	Yes	225.0132	276	3.215	Yes	Yes	23.31242	35	2.204	0.617089	0	1.111
2170	Calibration	Ipswich	47	Maidenhead Approach [30M]	NB	Jan-17	ATC	No	0194-3020	30194	30206	271	436	8.764	No	No	257.0875	412	8.485	No	No	12.50614	23	2.535	1.234178	0	1.571
2171	Calibration	Ipswich	47	Maidenhead Approach [30M]	SB	Jan-17	ATC	No	0206-3019	30206	30194	174	312	8.890	No	No	161.7282	294	8.749	No	No	11.41337	19	1.855	0.617089	0	1.111
2172	Calibration	Ipswich	48	ushmere Road West Of Humber Douchy Lane [30M	NB	Jan-17	ATC	No	0446-3032	30446	30320	173	171	0.182	Yes	Yes	164.5656	159	0.454	Yes	Yes	7.770808	11	1.075	0.617089	1	0.118
2173	Calibration	Ipswich	48	ushmere Road West Of Humber Douchy Lane [30M	SB	Jan-17	ATC	No	0320-3044	30320	30446	253	258	0.346	Yes	Yes	242.9008	242	0.040	Yes	Yes	9.349253	15	1.627	0.493671	1	0.556
2174	Calibration	Ipswich	51	Foxhall Road W Of Chilton Road [30]	EB	Jan-17	ATC	No	0445-3044	30445	30442	553	513	1.720	Yes	Yes	526.7579	471	2.510	Yes	Yes	19.06276	43	4.252	7.281648	0	3.816
2175	Calibration	Ipswich	51	Foxhall Road W Of Chilton Road [30]	WB	Jan-17	ATC	No	0442-3044	30442	30445	469	361	5.317	No	No	446.3255	336	5.560	No	No	16.39155	24	1.769	6.294306	0	3.548
2176	Validation	Ipswich	54	Martlesham Road[30M]West Of A12	EB	Jan-17	ATC	No	0392-3031	30392	30310	226	260	2.163	Yes	Yes	217.2861	229	0.801	Yes	Yes	8.769141	29	4.591	0.329114	2	1.690
2177	Validation	Ipswich	54	Martlesham Road[30M]West Of A12	WB	Jan-17	ATC	No	0310-3039	30310	30392	93	118	2.426	Yes	Yes	88.87976	108	1.905	Yes	Yes	4.087769	8	1.474	0.342827	3	1.975
2178	Validation	Ipswich	56	Foxhall Road[60M]West Of A12	EB	Jan-17	ATC	No	0280-3060	30280	30609	568	518	2.159	Yes	Yes	536.8343	493	1.938	Yes	Yes	25.7408	22	0.828	5.306964	3	1.127
2179	Validation	Ipswich	56	Foxhall Road[60M]West Of A12	WB	Jan-17	ATC	No	0609-3028	30609	30280	427	146	16.618	No	No	403.1219	134	16.424	No	No	17.84857	11	1.916	6.04747	1	2.559
2180	Validation	Ipswich	60	Bucklesham Road West Of A12 [60M]	EB	Jan-17	ATC	No	0268-3035	30268	30355	101	8	12.620	No	No	91.78775	5	12.420	No	Yes	7.52797	2	2.313	1.974684	0	1.504
2181	Validation	Ipswich	60	Bucklesham Road West Of A12 [60M]	WB	Jan-17	ATC	No	0355-3026	30355	30268	46	18	4.921	Yes	Yes	41.18045	17	4.452	Yes	Yes	4.128242	1	2.198	0.740507	0	0.589
2182	Validation	Ipswich	62A	Crown Street [30m]	EB	Jan-17	ATC	No	0066-7030	10066	70307	363	374	0.540	Yes	Yes	334.0657	299	1.966	Yes	Yes	22.70533	62	6.091	6.541141	12	1.834
2183	Validation	Ipswich	62A	Crown Street [30m]	WB	Jan-17	ATC	No	0307-1006	70307	10066	606	625	0.741	Yes	Yes	549.3332	570	0.867	Yes	Yes	46.74626	45	0.195	10.36709	10	0.253
2184	Validation	Ipswich	62B	Fonnereau Road [30m]	NB	Jan-17	ATC	No	0028-2003	10028	20033	165	143	1.741	Yes	Yes	155.8543	130	2.197	Yes	Yes	7.845527	12	1.282	0.987342	2	0.549
2185	Validation	Ipswich	62B	Fonnereau Road [30m]	SB	Jan-17	ATC	No	0033-1002	20033	10028	200	175	1.855	Yes	Yes	189.9403	151	2.996	Yes	Yes	6.724737	23	4.142	3.341773	1	1.411
2186	Validation	Ipswich	63	Dogs Head St [20m]	EB	Jan-17	ATC	No	0064-1004	10064	10045	14	1	4.670	Yes	Yes	9.622275	0	4.126	Yes	Yes	0	0	0.316	4.443039	1	2.305
2187	Validation	Ipswich	63	Dogs Head St [20m]	WB	Jan-17	ATC	No	0045-1006	10045	10064						88.69764					55.73126			2.468355		
2188	Validation	Ipswich	64	Turret Lane [20m]	EB	Jan-17	ATC	No	0135-1013	10135	10132	13	37	4.906	Yes	Yes	12.58298	32	4.104	Yes	Yes	0.121419	4	2.832	0	1	1.345
2189	Validation	Ipswich	64	Turret Lane [20m]	WB	Jan-17	ATC	No	0132-1013	10132	10135	7	232	20.575	No	No	7.031693	212	19.574	No	No	0.121419	20	6.274	0	0	0.969
2190	Validation	Ipswich	65	A1022 [30m]	EB	Jan-17	ATC	No	0084-1004	10084	10042	1055	1269	6.277	No	No	937.8017	1135	6.125	No	No	72.7299	111	3.951	44.30698	23	3.623
2191	Validation	Ipswich	65	A1022 [30m]	WB	Jan-17	ATC	No	0042-1008	10042	10084						63.1616					0			0		
2192	Validation	Ipswich	66	College St East Of Foundary Lane [30m]	EB	Jan-17	ATC	No	0115-1001	10115	10011						134.3418					0			0.123418		
2193	Validation	Ipswich	66	College St East Of Foundary Lane [30m]	WB	Jan-17	ATC	No	0011-1011	10011	10115	1146	967	5.497	No	No	1009.969	839	5.626	No	No	82.07916	105	2.345	53.56331	23	4.882
2194	Calibration	Ipswich	67	Graham Road North of Anglesea road [30m]	NB	Jan-17	ATC	No	0029-2025	20029	20259	30	90	7.734	No	Yes	29.27803	87	7.588	No	Yes	0.863423	3	1.501	0	0	0.093
2195	Calibration	Ipswich	67	Graham Road North of Anglesea road [30m]	SB	Jan-17	ATC	No	0259-2002	20259	20029	83	137	5.151	No	Yes	80.59683	118	3.740	Yes	Yes	2.158558	19	5.141	0.109705	0	0.239
2200	Calibration	Ipswich	70	Henley Road [30m]	NB	Jan-17	ATC	No	0031-2004	20031	20041	328	79	17.500	No	No	316.0547	71	17.622	No	No	10.44202	4	2.554	1.851266	4	1.306
2201	Calibration	Ipswich	70	Henley Road [30m]	SB	Jan-17	ATC	No	0041-2003	20041	20031	826	511	12.176	No	No	800.8694	486	12.429	No	No	17.96999	21	0.721	7.528483	5	1.166
2202	Calibration	Ipswich	71	Bolton Road	NB	Jan-17	ATC	No	0320-2003	20320	20035	158	215	4.201	Yes	Yes	141.9902	185	3.360	Yes	Yes	15.05594	16	0.307	0.617089	14	4.907
2203	Calibration	Ipswich	71	Bolton Road	SB	Jan-17	ATC	No	0035-2032	20035	20320	409	299	5.841	No	No	393.6497	280	6.174	No	No	13.35608	11	0.763	1.974684	8	2.713
2204	Calibration	Ipswich	72 A	Cobbald St	WB	Jan-17	ATC	No	0086-1008	10086	10087	71	70	0.146	Yes	Yes	63.40833	63	0.046	Yes	Yes	7.163713	7	0.246	0.246836	0	0.565
2205	Validation	Ipswich	84	A137	NB	Jan-17	ATC	No	0061-3022	30061	30221	1006	1114	3.323	Yes	Yes	943.2703	998	1.754	Yes	Yes	49.75475	99	5.673	12.94515	18	1.201
2206	Validation	Ipswich	84	A137	SB	Jan-17	ATC	No	0221-3006	30221	30061	991	1104	3.496	Yes	Yes	897.7118	940	1.384	Yes	Yes	55.69079	130	7.709	37.6287	35	0.508
2207	Validation	Ipswich	85	The Strand	NB	Jan-17	ATC	No	0049-3022	50049	30222	690	498	7.860	No	No	646.3695	462	7.839	No	No	37.82718	26	2.057	5.604342	10	1.634
2208	Validation	Ipswich	85	The Strand	SB	Jan-17	ATC	No	0222-5004	30222	50049	408	275	7.223	No	No	369.1136	205	9.717	No	No	34.00191	61	3.886	4.856783	9	1.652
2209	Validation	Ipswich	86	Nacton Road	NB	Jan-17	ATC	No	0078-3077	30078	30778	1063	1246	5.375	No	No	993.8083	1051	1.790	Yes	Yes	47.48827	154	10.605	21.61182	41	3.399
2210	Validation	Ipswich	86	Nacton Road	SB	Jan-17	ATC	No	0778-3007	30778	30078	870	947	2.543	Yes	Yes	785.9014	710	2.791	Yes	Yes	58.71277	185	11.457	25.67089	52	4.241
2211	Validation	Ipswich	87 A	The Havens	NB	Jan-17	ATC	No	0079-3066	30079	30663	966	914	1.715	Yes	Yes	895.9955	812	2.884	Yes	Yes	54.28773	52	0.364	15.90718	50	5.973
2212	Validation	Ipswich	87 A	The Havens	SB	Jan-17	ATC	No	0663-3007	30663	30079	493	202	15.594	No	No	426.3408	89	21.029	No	No	57.95727	71	1.575	8.337555	43	6.789
2213	Validation	Ipswich	88	Felixstowe Road	EB	Jan-17	ATC	No	0257-3025	30257	30258	606	593	0.536	Yes	Yes	562.9649	504	2.538	Yes	Yes	39.93332	75	4.585	3.51055	14	3.619
2214	Validation	Ipswich	88	Felixstowe Road	WB	Jan-17	ATC	No	0258-3025	30258	30257	572	502	3.033	Yes	Yes	542.7881	427	5.241	No	No	23.2045	64	6.211	6.362871	10	1.401
2215	Calibration	Ipswich	90	Tuddenham Road	NB	Jan-17	ATC	No	0541-3079	30541	30790	216	270	3.434	Yes	Yes	205.892	244	2.554	Yes	Yes	8.377902	20	3.134	1.851266	5	1.787
2216	Calibration	Ipswich	90	Tuddenham Road	SB	Jan-17	ATC	No	0790-3054	30790	30541	548	680	5.354	No	No	531.9391	663	5.361	No	No	14.44885	10	1.307	1.234178	7	2.968
2217	Calibration	Ipswich	91	Sidegate Lane	EB	Jan-17	ATC	No	0327-3055	30327	30556	217	146	5.293	No	Yes	199.6005	135	4.979	Yes	Yes	13.11324	4	2.991	4.689875	7	0.797
2218	Calibration	Ipswich	91	Sidegate Lane	WB	Jan-17	ATC	No	0556-3032	30556	30327	244	110	10.121	No	No	237.3495	104	10.211	No	No	5.585268	6	0.092	1.234178	0	1.514
2219	Calibration	Ipswich	92	Renfrew road	NB	Jan-17	ATC	No	0770-3040	30770	30400	204	90	9.418	No	No	189.6082	87	8.768	No	No	13.35608	3	3.780	0.740507	0	0.425
2220	Calibration	Ipswich	92	Renfew Road	SB	Jan-17	ATC	No	0400-3077	30400	30770	139	202	4.835	Yes	Yes	124.1027	200	5.971	No	Yes	14.08459	2	4.443	0.493671	0	0.994
2221	Calibration	Ipswich	93	Humber Douchy Lane	NB	Jan-17	ATC	No	0300-3064	30300	30641	110	173	5.287	No	Yes	103.5011	165	5.338	No	Yes	5.828106	5	0.566	0.740507	3	1.665
2222	Calibration	Ipswich	93	Humber Douchy Lane	SB	Jan-17	ATC	No	0641-3030	30641	30300	80	113	3.275	Yes	Yes	75.25113	111	3.702	Yes	Yes	4.492498	1	2.212	0.617089	1	0.087
2223	Calibration	Ipswich	94	East of Humber Douchy Road	EB	Jan-17	ATC	No	0300-3056	30300	30562	189	264	4.962	Yes	Yes	177.7457	230	3.666	Yes	Yes	8.742159	31	4.943	2.838608	3	0.239
2224	Calibration	Ipswich	94	East of Humber Douchy Road	WB	Jan-17	ATC	No	0562-3030	30562	30300	127	229	7.617	No	No	123.1692	211	6.817	No	Yes	3.156891	11	2.921	0.863924	7	2.962
2225	Calibration	Ipswich	97	Bucklesham Road	EB	Jan-17	ATC	No	0440-3062	30440	30628	124	47	8.342	No	Yes	113.453	37	8.876	No	Yes	9.605582	7	1.033	0.658228	3	1.957
2226	Calibration	Ipswich	97	Bucklesham Road	WB	Jan-17	ATC	No	0628-3044	30628	30440	112	40	8.234	No	Yes	104.7428	35	8.376	No	Yes	5.720178	1	2.242	1.316456	4	1.547
2227	Calibration	Ipswich	99	Lindbergh Road North of Campbell Road	NB	Jan-17	ATC	No	0435-3025	30435	30254	164	142	1.756	Yes	Yes	154.724	139	1.297	Yes	Yes	7.986663	1	3.135	0.987342	2	0.637
2228	Calibration	Ipswich	99	Lindbergh Road North of Campbell Road	SB	Jan-17	ATC	No	0254-3043	30254	30435	116	92	2.307	Yes	Yes	108.6687	86	2.266	Yes	Yes	6.367745	2	1.954	0.987342	4	1.850
2229	Calibration	Ipswich	100	Nacton Road South of Landseer Road	NB	Jan-17	ATC	No	0671-3024	30671	30241	624	623	0.053	Yes	Yes	569.9896	552	0.747	Yes	Yes	37.88269	63	3.527	16.4557	8	2.487
2230	Calibration	Ipswich	100	Nacton Road South of Landseer Road	SB	Jan-17	ATC	No	0241-3067	30241	30671	557	648	3.739	Yes	Yes	511.1045	556	1.958	Yes	Yes	33.6735	74	5.448	11.84811	18	1.707
2231	Calibration	Ipswich	103	Cliff Lane East of Landseer Road	EB	Jan-17	ATC	No	0227-3068	30227	30686	115	88	2.641	Yes	Yes	105.1049	84	2.154	Yes	Yes	8.846232	4	2.079	0.881555	0	0.563
2232	Calibration	Ipswich	103	Cliff Lane East of Landseer Road	WB	Jan-17	ATC	No	0686-3022	30686	30227	198	140	4.434	Yes	Yes	187.9163	133	4.334	Yes	Yes	7.892227	6	0.908	2.362569	2	0.311

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
2233	Calibration	Ipswich	104	Holywell Road South of Patteson Road	NB	Jan-17	ATC	No	0114-30220	70114	30226	425	365	3.019	Yes	Yes	381.382	301	4.379	Yes	Yes	39.39368	39	0.020	3.949368	25	5.522
2234	Calibration	Ipswich	104	Holywell Road South of Patteson Road	SB	Jan-17	ATC	No	0226-70114	30226	70114	277	295	1.055	Yes	Yes	239.2684	242	0.174	Yes	Yes	31.94665	35	0.551	6.253167	18	3.420
2235	Calibration	Ipswich	105	Cliff Road South of Patterson Road	NB	Jan-17	ATC	No	0076-70094	70076	70094	102	62	4.321	Yes	Yes	78.84234	55	2.913	Yes	Yes	12.62756	6	2.340	10.09283	2	3.370
2236	Calibration	Ipswich	105	Cliff Road South of Patterson Road	SB	Jan-17	ATC	No	0094-70076	70094	70076	38	37	0.187	Yes	Yes	31.80011	30	0.275	Yes	Yes	3.345764	6	1.283	2.742617	0	1.941
2237	Calibration	Ipswich	108	Between Hadham Road and Yarmouth Road	EB	Jan-17	ATC	No	0148-20014	30148	20014	1141	696	14.684	No	No	1034.906	616	14.584	No	No	69.10468	38	4.268	36.60218	42	0.840
2238	Calibration	Ipswich	108	Between Hadham Road and Yarmouth Road	WB	Jan-17	ATC	No	0014-30148	20014	30148	940	693	8.668	No	No	837.1873	608	8.513	No	No	64.83768	56	1.126	38.40761	28	1.745
2239	Calibration	Ipswich	109	Between Beaconsfield Road and Yarmouth Road	EB	Jan-17	ATC	No	0819-20025	30819	20025	550	531	0.799	Yes	Yes	505.8411	494	0.551	Yes	Yes	35.40035	36	0.170	8.337555	1	3.365
2240	Calibration	Ipswich	109	Between Beaconsfield Road and Yarmouth Road	WB	Jan-17	ATC	No	0025-30819	20025	30819	401	394	0.317	Yes	Yes	368.9909	345	1.245	Yes	Yes	28.70882	41	2.150	2.962026	7	1.966
2241	Calibration	Ipswich	110	mford Lane Between All Saints and Brookshall Ro	NB	Jan-17	ATC	No	0145-30746	30145	30746	43	95	6.325	No	Yes	40.57256	90	6.075	No	Yes	1.322117	2	0.796	0.809072	3	1.708
2242	Calibration	Ipswich	110	mford Lane Between All Saints and Brookshall Ro	SB	Jan-17	ATC	No	0746-30145	30746	30145	311	95	15.169	No	No	301.7721	89	15.233	No	No	7.339096	5	1.076	1.535865	1	0.359
2243	Calibration	Ipswich	111	Norwich road Between Broom Hill and Westwood	NB	Jan-17	ATC	No	0027-20267	20027	20267	756	905	5.172	No	No	699.0405	840	5.075	No	No	40.87769	61	2.881	15.63292	3	4.035
2244	Calibration	Ipswich	111	Norwich road Between Broom Hill and Westwood	SB	Jan-17	ATC	No	0267-20027	20267	20027	907	1129	6.952	No	No	848.2954	1012	5.379	No	No	48.35169	77	3.609	10.31224	39	5.845
2245	Calibration	Ipswich	112	Dale Hall Lane North of Valley Road	NB	Jan-17	ATC	No	0043-20270	20043	20270	217	239	1.416	Yes	Yes	203.178	191	0.896	Yes	Yes	13.17395	5	2.777	0.802215	43	9.026
2246	Calibration	Ipswich	112	Dale Hall Lane North of Valley Road	SB	Jan-17	ATC	No	0270-20043	20270	20043	281	217	3.999	Yes	Yes	266.7714	178	5.937	No	Yes	11.13006	5	2.333	2.694621	35	7.400
2247	Calibration	Ipswich	113	Henley Road N of Valley Road	NB	Jan-17	ATC	No	0044-30334	20044	30334	463	168	16.626	No	No	443.8583	148	17.175	No	No	14.69168	4	3.548	4.813293	16	3.414
2248	Calibration	Ipswich	113	Henley Road N of Valley Road	SB	Jan-17	ATC	No	0334-20044	30334	20044	312	518	10.096	No	No	290.1486	495	10.343	No	No	11.77763	10	0.634	9.996839	13	0.807
2249	Validation	Ipswich	114	Pownall Road	NB	Jan-17	ATC	No	0268-30760	70268	30760	61	37	3.384	Yes	Yes	58.88503	35	3.524	Yes	Yes	1.376081	1	0.119	0.57595	1	0.608
2250	Validation	Ipswich	114	Pownall Road	SB	Jan-17	ATC	No	0760-70268	30760	70268	56	41	2.156	Yes	Yes	51.23656	38	1.991	Yes	Yes	3.669548	3	0.495	0.781646	0	1.250
2251	Validation	Ipswich	115	Scrivener Drive	NB	Jan-17	ATC	No	0162-30155	30162	30155	240	181	4.089	Yes	Yes	226.91	151	5.517	No	Yes	11.33243	27	3.542	2.084389	3	0.643
2252	Validation	Ipswich	115	Scrivener Drive	SB	Jan-17	ATC	No	0155-30162	30155	30162	223	45	15.415	No	No	203.3034	42	14.613	No	No	18.77945	1	5.467	1.097047	2	0.546
2253	Validation	Ipswich	116	Robin Drive	NB	Jan-17	ATC	No	0165-30158	30165	30158	276	205	4.550	Yes	Yes	258.4856	193	4.334	Yes	Yes	15.47416	10	1.512	1.741562	2	0.005
2254	Validation	Ipswich	116	Robin Drive	SB	Jan-17	ATC	No	0158-30165	30158	30165	185	199	1.003	Yes	Yes	163.4005	182	1.383	Yes	Yes	18.77945	6	3.713	2.907174	12	3.243
2255	Validation	Ipswich	117	Lovetofts Drive	NB	Jan-17	ATC	No	0128-30123	30128	30123	274	153	8.339	No	No	256.9465	109	10.895	No	No	13.47749	43	5.568	3.984631	0	2.823
2256	Validation	Ipswich	117	Lovetofts Drive	SB	Jan-17	ATC	No	0123-30128	30123	30128	250	361	6.379	No	No	226.0001	334	6.479	No	No	9.834928	27	3.913	13.69937	0	5.234
2257	Validation	Ipswich	118	Felixstowe Road West Of Derby Road	NB	Jan-17	ATC	No	0246-70167	30246	70167	289	471	9.315	No	No	268.6835	419	8.115	No	No	18.57709	50	5.415	1.727849	1	0.653
2258	Validation	Ipswich	118	Felixstowe Road West Of Derby Road	SB	Jan-17	ATC	No	0167-30246	70167	30246	264	509	12.485	No	No	244.8746	454	11.166	No	No	14.93452	49	5.989	4.072786	7	1.289
2259	Calibration	Ipswich	120	Landseer Road West Of Clapgate Lane	EB	Jan-17	ATC	No	0676-30235	30676	30235	342	504	7.906	No	No	303.088	409	5.614	No	No	29.14053	66	5.303	9.434602	30	4.561
2260	Calibration	Ipswich	120	Landseer Road West Of Clapgate Lane	WB	Jan-17	ATC	No	0235-30676	30235	30676	573	567	0.250	Yes	Yes	518.7804	505	0.601	Yes	Yes	37.5589	38	0.120	17.11393	24	1.516
2261	Validation	Ipswich	121	Nacton Road E Of Felixstowe Road Junction	NB	Jan-17	ATC	No	0146-30245	70146	30245	168	124	3.629	Yes	Yes	148.035	104	3.886	Yes	Yes	19.18418	19	0.051	0.370253	0	0.861
2262	Validation	Ipswich	121	Nacton Road E Of Felixstowe Road Junction	SB	Jan-17	ATC	No	0245-70146	30245	70146	161	155	0.486	Yes	Yes	139.6464	137	0.210	Yes	Yes	20.27695	18	0.637	0.863924	0	1.314
2263	Validation	Ipswich	122	Ashcroft Road E Of Norwich Road	EB	Jan-17	ATC	No	0136-30477	30136	30477	136	217	6.089	No	Yes	128.1736	188	4.728	Yes	Yes	7.770808	7	0.344	0.370253	23	6.599
2264	Validation	Ipswich	122	Ashcroft Road E Of Norwich Road	WB	Jan-17	ATC	No	0477-30136	30477	30136	266	321	3.222	Yes	Yes	252.3997	304	3.112	Yes	Yes	8.499321	13	1.433	4.93671	3	0.704
2265	Validation	Ipswich	123	Grimwade St North Of Star Lane	NB	Jan-17	ATC	No	0018-10104	10018	10104						108.9291					0			0		
2266	Validation	Ipswich	123	Grimwade St North Of Star Lane	SB	Jan-17	ATC	No	0104-10018	10104	10018	529	504	1.070	Yes	Yes	490.6127	442	2.229	Yes	Yes	19.91269	58	6.159	18.01899	3	4.510
2267	Validation	Ipswich	124	Duke St South Of Pownhall Road	NB	Jan-17	ATC	No	0093-30758	70093	30758	484	313	8.545	No	No	439.241	251	10.108	No	No	31.43014	36	0.812	13.18807	26	2.841
2268	Validation	Ipswich	124	Duke St South Of Pownhall Road	SB	Jan-17	ATC	No	0758-70093	30758	70093	233	368	7.821	No	No	114.7624	293	12.482	No	No	8.603394	52	7.836	109.4539	24	10.486
2269	Validation	Ipswich	125	Fore Hamlet East Of Pownhall Road	NB	Jan-17	ATC	No	0431-30760	30431	30760	532	564	1.383	Yes	Yes	496.8904	510	0.574	Yes	Yes	26.3344	54	4.399	8.419834	0	4.104
2270	Validation	Ipswich	125	Fore Hamlet East Of Pownhall Road	SB	Jan-17	ATC	No	0760-30431	30760	30431	356	398	2.200	Yes	Yes	337.3279	359	1.179	Yes	Yes	16.44551	39	4.275	1.782701	0	1.888
2271	Calibration	Ipswich	126	Bridge Street	NB	Jan-17	ATC	No	0214-70166	30214	70166	987	1432	12.795	No	No	883.0288	1308	12.827	No	No	39.09688	104	7.629	64.67091	21	6.733
2272	Calibration	Ipswich	126	Bridge Street	SB	Jan-17	ATC	No	0166-30214	70166	30214	754	1107	11.556	No	No	676.1499	989	10.851	No	No	45.28924	104	6.749	32.95254	14	3.878
2273	Validation	Ipswich	127	Grey Friars Road	NB	Jan-17	ATC	No	0007-70226	10007	70226	659	329	14.858	No	No	626.6815	290	15.724	No	No	26.83357	25	0.326	5.183546	13	2.691
2274	Validation	Ipswich	127	Grey Friars Road	SB	Jan-17	ATC	No	0226-10007	70226	10007	592	844	9.410	No	No	559.4489	752	7.525	No	No	16.63439	77	8.846	15.55064	14	0.311
2275	Validation	Ipswich	128	Grafton Way	EB	Jan-17	ATC	No	0001-10060	20001	10060	386	526	6.543	No	No	357.8746	458	4.942	Yes	Yes	23.31242	54	4.872	5.306964	15	3.066
2276	Validation	Ipswich	128	Grafton Way	WB	Jan-17	ATC	No	0060-20001	10060	20001	521	530	0.373	Yes	Yes	479.6334	448	1.447	Yes	Yes	35.81857	66	4.171	6.04747	16	3.016
2277	Validation	Ipswich	129	89-129 Suffolk. Bond St North of Star Lane. Northbo	NB	Jan-17	ATC	No	0054-70264	10054	70264	293	197	6.137	No	Yes	272.261	169	6.968	No	No	16.99864	28	2.306	3.455697	0	2.629
2278	Validation	Ipswich	130	130 Suffolk. Spring Road West of Goring Road. Eas	EB	Jan-17	ATC	No	0064-20090	20064	20090	249	197	3.436	Yes	Yes	233.5252	177	3.916	Yes	Yes	13.84175	14	0.172	1.357595	6	2.244
2279	Validation	Ipswich	130	30 Suffolk. Spring Road West of Goring Road. Wes	WB	Jan-17	ATC	No	0090-20064	20090	20064	270	238	2.019	Yes	Yes	256.9641	208	3.240	Yes	Yes	11.41337	28	3.649	1.604431	3	0.749
2280	Validation	Ipswich	131	31 Suffolk. Spring Road West of Railway Line. Eas	EB	Jan-17	ATC	No	0069-20067	20069	20067	127	188	4.804	Yes	Yes	120.0317	166	3.857	Yes	Yes	6.799457	21	3.896	0.493671	0	0.994
2281	Validation	Ipswich	131	31 Suffolk. Spring Road West of Railway Line. Wes	WB	Jan-17	ATC	No	0067-20069	20067	20069	220	407	10.570	No	No	206.3855	359	9.084	No	No	11.29195	48	6.709	2.098102	0	2.048
2282	Validation	Ipswich	132	14139-132 Suffolk. Wherestead Road. Northbound	NB	Jan-17	ATC	No	0785-30218	30785	30218	1049	1008	1.265	Yes	Yes	978.7581	944	1.110	Yes	Yes	41.03958	64	3.171	29.12659	0	7.632
2283	Validation	Ipswich	132	14139-132 Suffolk. Wherestead Road. Southbound	SB	Jan-17	ATC	No	0218-30785	30218	30785	760	779	0.703	Yes	Yes	719.5735	696	0.888	Yes	Yes	34.96863	83	6.270	5.060128	0	3.181
2284	Validation	Ipswich	133	133 Suffolk. Fore Street East of Grimwade St. East	EB	Jan-17	ATC	No	0062-20072	10062	20072	857	970	3.734	Yes	Yes	808.6941	830	0.760	Yes	Yes	27.89165	115	10.297	20.73418	25	0.863
2285	Validation	Ipswich	133	133 Suffolk. Fore Street East of Grimwade St. West	WB	Jan-17	ATC	No	0072-10062	20072	10062	1012	839	5.697	No	No	938.4009	725	7.387	No	No	55.22824	89	3.945	18.33635	25	1.360
2286	Validation	Ipswich	134	4 Suffolk. Fore Street North of Lower Orwell St. No	NB	Jan-17	ATC	No	0053-10051	10053	10051	123	214	7.057	No	Yes	106.4356	201	7.451	No	Yes	11.53479	12	0.175	2.836601	1	1.153
2287	Validation	Ipswich	134	4 Suffolk. Fore Street North of Lower Orwell St. So	SB	Jan-17	ATC	No	0051-10053	10051	10053	65	27	5.657	No	Yes	50.08518	22	4.752	Yes	Yes	13.59891	4	3.244	1.234178	1	0.187
2288	Validation	Ipswich	135	135 Suffolk. Foxhall Road Near Railway Line. East	EB	Jan-17	ATC	No	0076-20077	20076	20077	341	303	2.150	Yes	Yes	317.7818	265	3.079	Yes	Yes	17.24148	38	3.896	6.417724	0	3.583
2289	Validation	Ipswich	135	135 Suffolk. Foxhall Road Near Railway Line. West	WB	Jan-17	ATC	No	0077-20076	20077	20076	376	248	7.223	No	No	361.3288	228	7.792	No	No	10.68486	21	2.511	3.825951	0	2.766
2290	Validation	Ipswich	136	14112-136 Suffolk. Wherry Quay. Eastbound	EB	Jan-17	ATC	No	0004-70003	70004	70003	22	6	4.242	Yes	Yes	19.08007	5	3.947	Yes	Yes	2.118085	1	0.877	1.193038	0	1.545
2295	Calibration	Ipswich	72B	Christchurch Street	NB	Jan-17	ATC	No	0022-10086	10022	10086	57	104	5.209	No	Yes	54.77295	95	4.653	Yes	Yes	2.18554	9	2.957	0.493671	0	0.994
2296	Calibration	Ipswich	72B	Christchurch Street	SB	Jan-17	ATC	No	0086-10022	10086	10022	230	440	11.494	No	No	222.4226	411	10.605	No	No	6.556619	22	4.007	0.987342	8	3.198
2297	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm A - College Street	pproac	May-17	MCC	No	0115-10010	10115	10010	1474	951	15.010	No	No	1287	825	14.206	No	No	153	103	4.447	34	23	2.005
2298	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm A - Star Lane	Exit	May-17	MCC	No	0007-10041	10007	10041	1421	1484	1.647	Yes	Yes	1273	1342	1.916	Yes	Yes	127	120	0.626	21	21	0.097
2299	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm B - Marina Access	Exit	May-17	MCC	No	0166-70035	70166	70035	64	72	0.971	Yes	Yes	50	56	0.761	Yes	Yes	12	12	0.120	2	4	1.182
2300	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm B - Marina Access	pproac	May-17	MCC	No	0035-70166	70035	70166	21	19	0.306	Yes	Yes	14	14	0.052	Yes	Yes	7	5	0.657	0	0	0.309
2303	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm D - Grafton Way	pproac	May-17	MCC	No	0319-10008	70319	10008	361	365	0.176	Yes	Yes	305	306	0.066	Yes	Yes	45	46	0.259	12	12	0.131
2304	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm D - Grafton Way	Exit	May-17	MCC	No	0008-70319	10008	70319	606	530	3.181	Yes	Yes	522	448	3.341	Yes	Yes	67	66	0.186	17	16	0.174
2309	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm B - Dock St	Exit	May-17	MCC	No	0009-70010	70009	70010	46	47	0.084	Yes	Yes	39	40	0.020	Yes	Yes	7	7	0.133	0	0	0.437
2311	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm C - A137 Vernon St	pproac	May-17	MCC	No	0018-70009	70018	70009	829	824	0.186	Yes	Yes	751	737	0.509	Yes	Yes	60	69	1.065	18	18	0.003
2312	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm C - A137 Vernon St	Exit	May-17	MCC	No	0009-70018	70009	70018	562	562	0.009	Yes	Yes	487	499	0.565	Yes	Yes	55	54	0.177	20	9	2.922
2313	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm D - Burrell Rd	pproac	May-17	MCC	No	0213-30214	30213	30214	528	627	4.091	Yes	Yes	489	580	3.975	Yes	Yes	36	43	1.171	4	3	0.499
2314	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm D - Burrell Rd	Exit	May-17	MCC	No	0214-30213	30214	30213	412	511	4.619	Yes	Yes	359	456	4.780	Yes	Yes	46	50	0.623	7	5	0.639
2315	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm A - Burrell Rd W	pproac	May-17	MCC	No	0429-30213	30429	30213	242	279	2.262	Yes	Yes	215	256	2.672	Yes	Yes	23	23	0.113	4	0	2.810
2316	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm A - Burrell Rd W	Exit	May-17	MCC	No	0213-30429	30213	30429	247	221	1.746	Yes	Yes	215	190	1.743	Yes	Yes	26	25	0.163	6	5	0.456
2319	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm C - Stoke Street	pproac	May-17	MCC	No	0212-30213	30212	30213	289	354	3.643	Yes	Yes	272	329	3.257	Yes	Yes	17	22	1.320	0	3	2.460
2320	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm C - Stoke Street	Exit	May-17	MCC	No	0213-30212	30213	30212	168	298	8.471	No	No	146	271	8.646	No	No	21	26	1.022	1	0	0.583
2321	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm A - Hawes Stree	pproac	May-17	MCC	No	0051-30217	70051	30217	705	707	0.072	Yes	Yes	606	649	1.732	Yes	Yes	74	53	2.628	26	5	5.243
2322	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm A - Hawes Stree	Exit	May-17	MCC	No	0217-70051	30217	70051	896	919	0.743	Yes	Yes	820	851	1.061	Yes	Yes	59	60	0.074	17	8	2.520
2323	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm B - Virginia Stre	Exit	May-17	MCC	No	0217-70048	30217	70048	24	25	0.185	Yes	Yes	23	24	0.214	Yes	Yes	1	1	0.127	0	0	0.000
2324	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm B - Virginia Stre	pproac	May-17	MCC	No	0048-30217	70048	30217	19	23	0.925	Yes	Yes	18	18	0.058	Yes	Yes	1	2	0.976	0	3	2.344
2325	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm C - Rapier Stree	pproac	May-17	MCC	No	0786-30217	30786	30217	62	57	0.661	Yes	Yes	49	49	0.049	Yes	Yes	8	8	0.064	5	0	3.142
2326	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm C - Rapier Stree	Exit	May-17	MCC	No	0217-30786	30217	30786	77	76	0.124	Yes	Yes	66	67	0.076	Yes	Yes	9	9	0.093	2	0	1.987
2327	Calibration	Ipswich	4	tead Road/Hawes Street - Arm D - A137 Wherstead	pproac	May-17	MCC	No	0218-30217	30218	30217	1028	1008	0.625	Yes	Yes	948	944	0.132	Yes	Yes	64	64	0.011	16	0	5.621
2328	Calibration	Ipswich	4	tead Road/Hawes Street - Arm D - A137 Wherstead	Exit	May-17	MCC	No	0217-30218	30217	30218	833	779	1.884	Yes	Yes	720	696	0.920	Yes	Yes	85	83	0.148	28	0	7.436
2329	Calibration	Ipswich	4	erstead Road/Hawes Street - Arm E - Wherstead Rd	pproac	May-17	MCC	No	0047-30217	70047	30217	161	154	0.538	Yes	Yes	145	113	2.800	Yes	Yes	16	35	3.936	0	5	3.228
2330	Calibration	Ipswich	4	erstead Road/Hawes Street - Arm E - Wherstead Rd	Exit	May-17	MCC	No	0217-70047	30217	70047	146	151	0.443	Yes	Yes	137	137	0.016	Yes	Yes	9	9	0.007	0	5	3.233
2331	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Riversid	pproac	Jul-17	MCC	No	10259-4010	10259	4010	42	43	0.096	Yes	Yes	31	31	0.052	Yes	Yes	12	12	0.100	0	0	0.000
2332	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Riversid	Exit	Jul-17	MCC	No	4010-10259	4010	10259	248	249	0.046	Yes	Yes	234	234	0.019	Yes	Yes	15	15	0.112	0	0	0.000
2335	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Durban	pproac	Jul-17	MCC	No	6402-4010	6402	4010	54	52	0.341	Yes	Yes	48	48	0.076	Yes	Yes	7	3	1.464	0	0	0.780
2336	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Durban	Exit	Jul-17	MCC	No	4010-6402	4010	6402	24	23	0.091	Yes	Yes	20	20	0.079	Yes	Yes	3	3	0.113	1	0	1.405

Appendix I.2

LINK COUNT PERFORMANCE IP

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
3	Calibration		2	Glemsford Low St	NB	Jan-16	ATC	No	3725-3315	3725	3315	36	37	0.158	Yes	Yes	28.71937	29	0.137	Yes	Yes	5.770211	6	0.095	1.322917	1	0.016
4	Calibration		2	Glemsford Low St	SB	Jan-16	ATC	No	3315-3725	3315	3725	39	40	0.105	Yes	Yes	31.78127	32	0.107	Yes	Yes	6.385398	6	0.155	0.888889	1	0.415
5	Validation		3	Hadleigh A1071 Ipswich Road	EB	Jan-16	ATC	No	3129-3692	3129	3692	310	272	2.236	Yes	Yes	230.7785	222	0.577	Yes	Yes	46.36733	35	1.844	33.04167	15	3.609
6	Validation		3	Hadleigh A1071 Ipswich Road	WB	Jan-16	ATC	No	3692-3129	3692	3129	306	269	2.145	Yes	Yes	225.0017	220	0.327	Yes	Yes	45.20667	33	1.985	35.375	16	3.754
7	Calibration		4	Hadleigh B1070 Benton Street	NB	Jan-16	ATC	No	3685-1327	3685	1327	140	140	0.021	Yes	Yes	111.2923	110	0.078	Yes	Yes	22.36051	22	0.106	6.5	8	0.405
8	Calibration		4	Hadleigh B1070 Benton Street	SB	Jan-16	ATC	No	1327-3685	1327	3685	139	142	0.240	Yes	Yes	110.6793	111	0.054	Yes	Yes	22.23736	22	0.040	6	8	0.917
9	Calibration		5	Hadleigh A1141	NB	Jan-16	ATC	No	3130-5838	3130	5838	212	141	5.338	No	Yes	167.9272	102	5.694	No	Yes	33.73944	23	2.088	9.833333	16	1.769
10	Calibration		5	Hadleigh A1141	SB	Jan-16	ATC	No	5838-3130	5838	3130	210	160	3.687	Yes	Yes	166.7765	111	4.778	Yes	Yes	33.50824	23	2.051	10.11111	27	3.928
11	Calibration		6	Hadleigh A1071	NB	Jan-16	ATC	No	3701-3130	3701	3130	194	214	1.386	Yes	Yes	146.3581	171	1.938	Yes	Yes	29.40583	37	1.333	18.16667	6	3.550
12	Calibration		6	Hadleigh A1071	SB	Jan-16	ATC	No	3130-3701	3130	3701	205	196	0.611	Yes	Yes	154.0779	150	0.294	Yes	Yes	30.95686	30	0.101	20.03472	16	1.058
13	Calibration		7	East Bergholt B1068	EB	Jan-16	ATC	No	3127-3114	3127	3114	80	81	0.150	Yes	Yes	62.51588	54	1.071	Yes	Yes	12.56051	16	0.848	4.541667	11	2.283
14	Calibration		7	East Bergholt B1068	WB	Jan-16	ATC	No	3114-3127	3114	3127	75	148	6.886	No	Yes	58.87862	116	6.129	No	Yes	11.82972	23	2.719	4.722222	9	1.571
15	Calibration	Ipswich	8	Ipswich A137	NB	Jan-16	ATC	No	0347-30062	30347	30062	293	260	2.005	Yes	Yes	225.2098	202	1.596	Yes	Yes	45.24849	40	0.739	22.69444	18	1.151
16	Calibration	Ipswich	8	Ipswich A137	SB	Jan-16	ATC	No	0062-30347	30062	30347	281	267	0.844	Yes	Yes	215.8709	206	0.713	Yes	Yes	43.37214	42	0.188	21.55556	19	0.528
17	Calibration	Ipswich	9	Ipswich A1071	EB	Jan-16	ATC	No	5641-50034	5641	50034	380	348	1.689	Yes	Yes	281.6077	291	0.545	Yes	Yes	56.57978	40	2.362	42.20833	17	4.591
18	Calibration	Ipswich	9	Ipswich A1071	WB	Jan-16	ATC	No	50034-5641	50034	5641	387	325	3.325	Yes	Yes	285.8753	271	0.914	Yes	Yes	57.43721	37	3.040	43.97917	17	4.810
19	Calibration		10	Lavenham A1141 Bury Road	NB	Jan-16	ATC	No	3709-3707	3709	3707	73	73	0.015	Yes	Yes	56.73905	57	0.035	Yes	Yes	11.39984	11	0.132	5.354167	5	0.024
20	Calibration		10	Lavenham A1141 Bury Road	SB	Jan-16	ATC	No	3707-3709	3707	3709	75	80	0.568	Yes	Yes	58.52009	59	0.061	Yes	Yes	11.75768	12	0.073	4.944444	9	1.609
21	Calibration		11	Long Melford A1092 High Street	NB	Jan-16	ATC	No	2792-2793	2792	2793	115	35	9.256	No	Yes	88.07506	21	9.084	No	Yes	17.69578	5	3.942	9.652778	10	0.023
22	Calibration		11	Long Melford A1092 High Street	SB	Jan-16	ATC	No	2793-2792	2793	2792	119	46	8.046	No	Yes	91.34802	29	8.063	No	Yes	18.35337	8	2.898	9.111111	9	0.001
25	Calibration		13	Long Melford A1092 Windmill Hill	EB	Jan-16	ATC	No	2792-3314	2792	3314	307	302	0.296	Yes	Yes	243.6159	244	0.016	Yes	Yes	48.94659	49	0.002	14.54167	9	1.579
26	Calibration		13	Long Melford A1092 Windmill Hill	WB	Jan-16	ATC	No	3314-2792	3314	2792	295	290	0.312	Yes	Yes	233.0453	233	0.013	Yes	Yes	46.82277	47	0.038	14.96528	10	1.536
27	Validation		14	Brantham A137	NB	Jan-16	ATC	No	5853-3104	5853	3104	383	372	0.553	Yes	Yes	303.0439	284	1.090	Yes	Yes	60.88668	59	0.190	19.3125	29	1.918
28	Validation		14	Brantham A137	SB	Jan-16	ATC	No	3104-5853	3104	5853	376	354	1.165	Yes	Yes	298.0882	276	1.285	Yes	Yes	59.89099	58	0.246	17.90972	19	0.327
29	Calibration		15	Brantham Bergholt Road	EB	Jan-16	ATC	No	3675-3104	3675	3104	137	138	0.092	Yes	Yes	108.5629	109	0.038	Yes	Yes	21.81213	17	0.975	6.263889	11	1.689
30	Calibration		15	Brantham Bergholt Road	WB	Jan-16	ATC	No	3104-3675	3104	3675	127	135	0.700	Yes	Yes	100.9645	105	0.393	Yes	Yes	20.28549	18	0.629	5.493056	12	2.269
31	Calibration		16	Nayland A134 Horkesley Road	NB	Jan-16	ATC	No	5661-1305	5661	1305	288	336	2.663	Yes	Yes	220.2831	251	2.024	Yes	Yes	44.25862	61	2.317	23.9375	23	0.177
32	Calibration		16	Nayland A134 Horkesley Road	SB	Jan-16	ATC	No	1305-5661	1305	5661	283	352	3.864	Yes	Yes	215.6859	270	3.490	Yes	Yes	43.33496	62	2.527	23.70833	20	0.832
33	Calibration		17	Alpheton A134	NB	Jan-16	ATC	No	2793-5931	2793	5931	281	339	3.291	Yes	Yes	209.5447	260	3.276	Yes	Yes	42.1011	55	1.830	29.14583	24	0.971
34	Calibration		17	Alpheton A134	SB	Jan-16	ATC	No	5931-2793	5931	2793	282	351	3.913	Yes	Yes	212.7888	264	3.333	Yes	Yes	42.75289	61	2.511	26.27083	26	0.017
35	Calibration	Sudbury	18	Sudbury A134	NB	Jan-16	ATC	No	2789-5829	2789	5829	289	294	0.249	Yes	Yes	221.5147	230	0.549	Yes	Yes	44.50608	46	0.222	23.3125	18	1.210
36	Calibration	Sudbury	18	Sudbury A134	SB	Jan-16	ATC	No	5829-2789	5829	2789	258	285	1.660	Yes	Yes	195.7474	219	1.627	Yes	Yes	39.32899	44	0.715	22.60417	22	0.148
37	Calibration	Sudbury	19	Sudbury B1064	NB	Jan-16	ATC	No	2762-2790	2762	2790	445	386	2.900	Yes	Yes	358.0134	315	2.367	Yes	Yes	71.931	60	1.406	15.47222	11	1.174
38	Calibration	Sudbury	19	Sudbury B1064	SB	Jan-16	ATC	No	2790-2762	2790	2762	427	405	1.052	Yes	Yes	343.7709	323	1.142	Yes	Yes	69.06942	73	0.513	13.88889	9	1.458
39	Calibration	Sudbury	20	Sudbury Waldingfield Road	EB	Jan-16	ATC	No	3536-3545	3536	3545	234	193	2.856	Yes	Yes	188.5596	154	2.667	Yes	Yes	37.88484	33	0.861	7.868056	6	0.650
40	Calibration	Sudbury	20	Sudbury Waldingfield Road	WB	Jan-16	ATC	No	3545-3536	3545	3536	255	165	6.245	No	Yes	205.6762	131	5.763	No	Yes	41.32384	28	2.267	8.083333	6	0.899
41	Calibration	Sudbury	21	Sudbury A134	EB	Jan-16	ATC	No	2783-3503	2783	3503	410	504	4.384	Yes	Yes	314.8462	376	3.282	Yes	Yes	63.25796	97	3.736	31.79167	31	0.127
42	Calibration	Sudbury	21	Sudbury A134	WB	Jan-16	ATC	No	3503-2783	3503	2783	378	446	3.321	Yes	Yes	287.6795	322	1.969	Yes	Yes	57.7997	84	3.131	32.70833	39	1.106
43	Calibration	Sudbury	22	Sudbury B1508 Bures Road	NB	Jan-16	ATC	No	2786-2636	2786	2636	148	101	4.294	Yes	Yes	117.312	86	3.122	Yes	Yes	23.56997	12	2.880	7.604167	3	1.890
44	Calibration	Sudbury	22	Sudbury B1508 Bures Road	SB	Jan-16	ATC	No	2636-2786	2636	2786	152	75	7.227	No	Yes	121.0302	63	6.046	No	Yes	24.31703	8	4.119	6.506944	4	1.064
45	Calibration	Sudbury	23	Sudbury A131 Ballingdon Street	EB	Jan-16	ATC	No	3540-2785	3540	2785	511	560	2.113	Yes	Yes	400.0589	436	1.740	Yes	Yes	80.37864	90	1.091	30.20833	33	0.571
46	Calibration	Sudbury	23	Sudbury A131 Ballingdon Street	WB	Jan-16	ATC	No	2785-3540	2785	3540	488	518	1.323	Yes	Yes	385.8683	399	0.652	Yes	Yes	77.52751	95	1.872	24.95833	24	0.125
47	Calibration	Sudbury	24	Sudbury A134	EB	Jan-16	ATC	No	3531-3529	3531	3529	604	603	0.002	Yes	Yes	478.0606	478	0.006	Yes	Yes	96.05051	96	0.008	29.43056	30	0.030
48	Calibration	Sudbury	24	Sudbury A134	WB	Jan-16	ATC	No	3529-3531	3529	3531	615	611	0.166	Yes	Yes	489.4755	486	0.179	Yes	Yes	98.34396	98	0.033	27.34722	27	0.028
49	Validation	Sudbury	25	Sudbury A134 Northern Road	NB	Jan-16	ATC	No	2780-3526	2780	3526	527	628	4.180	Yes	No	416.4584	507	4.218	Yes	Yes	83.67358	93	0.974	27.01389	28	0.125
50	Validation	Sudbury	25	Sudbury A134 Northern Road	SB	Jan-16	ATC	No	3526-2780	3526	2780	566	539	1.129	Yes	Yes	443.7292	428	0.740	Yes	Yes	89.15275	83	0.671	32.64583	28	0.882
51	Validation	Sudbury	26	Sudbury B1115 Waldingfield Road	EB	Jan-16	ATC	No	2774-2773	2774	2773	268	428	8.568	No	No	220.0344	350	7.688	No	No	44.20866	61	2.301	3.652778	17	4.151
52	Validation	Sudbury	26	Sudbury B1115 Waldingfield Road	WB	Jan-16	ATC	No	2773-2774	2773	2774	283	269	0.832	Yes	Yes	232.3398	240	0.505	Yes	Yes	46.68102	24	3.770	4.291667	5	0.398
54	Calibration	Sudbury	27	Sudbury A131 Girling Street	SB	Jan-16	ATC	No	2731-2686	2731	2686	765	726	1.439	Yes	Yes	589.324	584	0.201	Yes	Yes	118.4052	102	1.586	57.27778	39	2.557
56	Calibration	Sudbury	28	Sudbury A131 Gainsborough Street	WB	Jan-16	ATC	No	2708-2707	2708	2707	729	674	2.075	Yes	Yes	562.296	562	0.016	Yes	Yes	112.9748	102	1.100	53.83333	11	7.608
57	Calibration	Sudbury	29	Sudbury A131	NB	Jan-16	ATC	No	2717-2718	2717	2718	753	753	0.003	Yes	Yes	595.8005	595	0.023	Yes	Yes	119.7065	120	0.052	37.88889	38	0.010
59	Calibration	Sudbury	30	Sudbury Newton Road	EB	Jan-16	ATC	No	2675-2672	2675	2672	327	325	0.079	Yes	Yes	258.9572	260	0.059	Yes	Yes	52.02891	52	0.015	15.84722	14	0.592
60	Calibration	Sudbury	30	Sudbury Newton Road	WB	Jan-16	ATC	No	2672-2675	2672	2675	366	362	0.213	Yes	Yes	287.8587	288	0.011	Yes	Yes	57.83572	57	0.081	20.03472	17	0.763
61	Calibration	Sudbury	31	Sudbury St.Cornard	NB	Jan-16	ATC	No	2673-2676	2673	2676	336	322	0.734	Yes	Yes	271.864	281	0.550	Yes	Yes	54.62211	34	3.034	9.215278	7	0.776
62	Calibration	Sudbury	31	Sudbury St.Cornard	SB	Jan-16	ATC	No	2676-2673	2676	2673	456	457	0.033	Yes	Yes	370.1076	367	1.862	Yes	Yes	74.35457	42	4.264	11.625	8	1.112
63	Validation	Sudbury	32	Sudbury A131 Melford Road	NB	Jan-16	ATC	No	2756-3537	2756	3537	458	395	3.076	Yes	Yes	362.2695	333	1.564	Yes	Yes	72.7861	49	3.062	23.08333	13	2.477
64	Validation	Sudbury	32	Sudbury A131 Melford Road	SB	Jan-16	ATC	No	3537-2756	3537	2756	444	463	0.890	Yes	Yes	356.1746	397	2.124	Yes	Yes	71.56154	55	2.136	16.40278	11	1.431
65	Calibration	Sudbury	33	Sudbury Friars Street	EB	Jan-16	ATC	No	2701-2700	2701	2700	181	185	0.274	Yes	Yes	146.6877	161	1.146	Yes	Yes	29.47205	18	2.249	4.8125	5	0.222
66	Calibration	Sudbury	33	Sudbury Friars Street	WB	Jan-16	ATC	No	2700-2701	2700	2701	242	237	0.320	Yes	Yes	197.6383	170	2.055	Yes	Yes	39.7089	43	0.481	4.5	24	5.219
67	Calibration		34	Mildenhall A11	EB	Jan-16	ATC	No	5790-3785	5790	3785	1240	1225	0.420	Yes	Yes	915.88	896	0.665	Yes	Yes	184.0159	184	0.018	140.2708	145	0.420
68	Calibration		34	Mildenhall A11	WB	Jan-16	ATC	No	3785-5790	3785	5790	1213	1210	0.098	Yes	Yes	892.5818	884	0.297	Yes	Yes	179.3349	179	0.036	141.3958	147	0.494
69	Calibration		35	Mildenhall A1101 Mildenhall Road	EB	Jan-16	ATC	No	3277-3278	3277	3278	111	111	0.025	Yes	Yes	84.58814	85	0.000	Yes	Yes	16.9952	17	0.004	9.604167	9	0.090
70	Calibration		35	Mildenhall A1101 Mildenhall Road	WB	Jan-16	ATC	No	3278-3277	3278	3277	121	121	0.018	Yes	Yes	93.07124	93	0.000	Yes	Yes	18.6996	19	0.065	8.75	9	0.029
71	Calibration		36	Mildenhall A11 London Road	EB	Jan-16	ATC	No	3277-5622	3277	5622	933	1052	3.771	Yes	Yes	689.0568	789	3.661	Yes	Yes	138.4432	130	0.701	105.625	133	2.510
72	Calibration		36	Mildenhall A11 London Road	WB	Jan-16	ATC	No	5622-3277	5622	3277	926	1047	3.844	Yes	Yes	677.1908	783	3.898	Yes	No	136.0592	126	0.890	113.0625	139	2.284
73	Calibration		37	Mildenhall A1065	NB	Jan-16	ATC	No	3277-3276	3277	3276	345	239	6.174	No	No	260.079	171	6.043	No	Yes	52.2543	61	1.195	32.70833	7	5.795
74	Calibration		37	Mildenhall A1065	SB	Jan-16	ATC	No	3276-3277	3276	3277	336	245	5.302	No	Yes	253.5736	168	5.883	No	Yes	50.94725	70	2.491	31.125	7	5.587
75	Calibration		38	Mildenhall A1101	NB	Jan-16	ATC	No	3277-3810	3277	3810	374	374	0.014	Yes	Yes	293.144	293	0.013	Yes	Yes	58.89763	59	0.013	22.1875	22	0.030
76	Calibration		38	Mildenhall A1101	SB	Jan-16	ATC	No	3810-3277	3810	3277	391	390	0.057	Yes	Yes	305.4957	304	0.063	Yes	Yes	61.37929	61	0.051	24.3125	25	0.077
77	Validation		39	Brandon A1065 Brandon Road	NB	Jan-16	ATC	No	3275-3959	3275	3959	342	155	11.815	No	No	255.3257	108	10.928	No	No	51.29928	42	1.394	35.10417	6	6.532
78	Validation		39	Brandon A1065 Brandon Road	SB	Jan-16	ATC	No	3959-3275	3959	3275	333	155	11.429	No	No	253.0705	103	11.240	No	No	50.84617	47	0.559	29.25	5	5.976
79	Calibration		40	Lakenheath Station Road	NB	Jan-16	ATC	No	3957-5862	3957	5862	162	155	0.595	Yes	Yes	124.3668	124	0.032	Yes	Yes	24.9874	25	0.003	13.0625	6	2.323
80	Calibration		40	Lakenheath Station Road	SB	Jan-16	ATC	No	5862-3957	5862	3957	163	157	0.469	Yes	Yes	126.5699	127	0.037	Yes	Yes	25.43006	25	0.086	10.63194	5	2.137
81	Calibration	Newmarket	41	Newmarket A142 Fordham Road	NB	Jan-16	ATC	No	2501-2518	2501	2518	589	593	0.173	Yes	Yes	423.2529	421	0.120	Yes	Yes	85.03872	91	0.633	80.4375	81	0.080
82	Calibration	Newmarket	41	Newmarket A142 Fordham Road	SB	Jan-16	ATC	No	2518-2501	2518	2501	575	573	0.088	Yes	Yes	413.5555	411	0.103	Yes	Yes	83.09034	83	0.010	78.8125	79	0.009
83	Calibration	Newmarket	42	Newmarket A142 Fordham Road	NB	Jan-16	ATC	No	2490-2506	2490	2506	651	778	4.783	Yes	No	514.9017	612	4.077	Yes	Yes	103.4525	110	0.602	32.20833	57	3.720
84	Calibration	Newmarket	42	Newmarket A142 Fordham Road	SB	Jan-16	ATC	No	2506-2490	2506	2490	549	742	7.604	No	No	429.4114	572	6.391	No	No	86.27607	109	2.263	32.91667	61	4.057
85	Calibration	Newmarket	43	Newmarket A1304 Bury Road	NB	Jan-16	ATC	No	2447-2534	2447	2534	385	430	2.246	Yes	Yes	305.4321	314	0.504	Yes	Yes	61.36651	107	4.986	18.02778	9	2.543
86	Calibration	Newmarket	43	Newmarket A1304 Bury Road	SB	Jan-16	ATC	No	2534-2447	2534	2447	410	369	2.042	Yes	Yes	325.5903	266	3.476	Yes	Yes	65.41664	97	3.455	18.5	7	3.257
87	Calibration	Newmarket	44	Newmarket Fred Archer Way	NB	Jan-16	ATC	No	2451-2450	2451	2450	377	323	2.880	Yes	Yes	304.8423	305	0.002	Yes	Yes	61.248	14	7.765	10.93056	5	2.262
88	Calibration	Newmarket	44	Newmarket Fred Archer Way	SB	Jan-16	ATC	No	2450-2451	2450	2451	435	437	0.093	Yes	Yes	351.9359	355	0.140	Yes	Yes	70.70992	70	0.050	12.25	12	0.077
89	Calibration	Newmarket	45	Newmarket Old Station Road	EB	Jan-16	ATC	No	2446-2478	2446	2478	277	232	2.813	Yes	Yes	225.3746	200	1.731	Yes	Yes	45.2816	26	3.308	5.96875	6	0.038
90	Calibration	Newmarket	45	Newmarket Old Station Road	WB	Jan-16	ATC	No	2478-2446	2478	2446	291	222	4.261	Yes	Yes	236.1506	189	3.267	Yes	Yes	47.44667	30	2.716	6.979167	3	1.625
91	Calibration	Newmarket	46	Newmarket A1304 Barbara Stradbroke Avenue	EB	Jan-16	ATC	No	2437-2438	2437	2438	427	397	1.487	Yes	Yes	334.4261	316	1.003	Yes	Yes	67.19191	62	0.673	25.70139	19	1.414
92	Calibration	Newmarket	46	Newmarket A1304 Barbara Stradbroke Avenue	WB	Jan-16	ATC	No	2438-2437	2438	2437	352	325	1.503	Yes	Yes	274.7062	254	1.277	Yes	Yes	55.19314	56	0.166	22.35069	14	1.900
93	Calibration	Newmarket	47	Newmarket Exning Road	NB	Jan-16	ATC	No	2485-2514	2485	2514	307	243	3.819	Yes	Yes	246.3453	228	1.160	Yes	Yes	49.49497	11	6.918	10.98611	4	2.703
94	Calibration	Newmarket	47	Newmarket Exning Road	SB	Jan-16	ATC	No	2514-2485	2514	2485	253	243	0.658	Yes	Yes	202.461	227	1.704	Yes	Yes	40.67787	11	5.811	9.888889	4	2.177
95	Calibration	Newmarket	48	Newmarket Ashley Road	EB	Jan-16	ATC	No	2478-2479	2478	2479	178	93	7.338	No	Yes	142.8769	74	6.568	No	Yes	28.70641	13	3.520	6.722222	6	0.387
96	Calibration	Newmarket	48	Newmarket Ashley Road	WB	Jan-16	ATC	No	2479-2478	2479	2478	180	69	9.955	No	No	143.2875	55	8.886	No	Yes	28.7889	10	4.314	7.513889	4	1.460
97	Calibration		49	Moulton Kennett Road or Moulton Road	NB	Jan-16	ATC	No	3777-3311	3777	3311	71	73	0.226	Yes	Yes	55.19509	56	0.132	Yes	Yes	11.08963	11	0.033	4.5	6	0.462
98	Calibration		49	Moulton Kennett Road or Moulton Road	SB	Jan-16	ATC	No	3311-3777	3311	3777	62	78	1.899	Yes	Yes	48.34847	56	1.050	Yes	Yes	9.714031	18	2.214	4.25	4	0.047
99	Calibration		50	RAF Mildenhall A1101 Mildenhall Drove	NB	Jan-16	ATC	No	1304-5863	1304	5863	95	96	0.073	Yes	Yes	72.73377	73	0.030	Yes	Yes	14.61345	15	0.098	8.131944	8	0.030

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
100	Calibration		50	RAF Mildenhall A1101 Mildenhall Drove	SB	Jan-16	ATC	No	5863-1304	5863	1304	89	95	0.613	Yes	Yes	66.54059	67	0.060	Yes	Yes	13.36914	16	0.781	9.243056	12	0.738
101	Calibration		51	Debenham B1077 Aspall Road	NB	Jan-16	ATC	No	3923-5913	3923	5913	66	84	2.091	Yes	Yes	50.15265	65	1.933	Yes	Yes	10.07652	14	1.157	5.347222	5	0.277
102	Calibration		51	Debenham B1077 Aspall Road	SB	Jan-16	ATC	No	5913-3923	5913	3923	62	92	3.497	Yes	Yes	46.41129	71	3.168	Yes	Yes	9.324819	15	1.541	6.013889	7	0.440
103	Calibration		52	Earl Stonham A1120	EB	Jan-16	ATC	No	2381-3203	2381	3203	110	102	0.791	Yes	Yes	69.61	70	0.100	Yes	Yes	13.98583	14	0.006	26.13333	17	1.935
104	Calibration		52	Earl Stonham A1120	WB	Jan-16	ATC	No	3203-2381	3203	2381	130	130	0.003	Yes	Yes	98.15763	98	0.028	Yes	Yes	19.72154	20	0.062	12.08333	12	0.010
105	Calibration		53	Eye B1077	EB	Jan-16	ATC	No	3929-3207	3929	3207	170	170	0.005	Yes	Yes	134.6193	135	0.029	Yes	Yes	27.04732	27	0.053	8.611111	9	0.001
106	Calibration		53	Eye B1077	WB	Jan-16	ATC	No	3207-3929	3207	3929	166	166	0.040	Yes	Yes	129.3687	129	0.027	Yes	Yes	25.99238	26	0.009	10.92361	11	0.076
107	Calibration		54	Eye Yaxley Road	EB	Jan-16	ATC	No	3204-3205	3204	3205	56	54	0.264	Yes	Yes	41.15716	41	0.028	Yes	Yes	8.269175	8	0.094	6.081845	5	0.651
108	Calibration		54	Eye Yaxley Road	WB	Jan-16	ATC	No	3205-3204	3205	3204	61	61	0.045	Yes	Yes	45.16948	45	0.024	Yes	Yes	9.075317	9	0.025	6.671875	7	0.045
109	Calibration		55	Eye B1117 Hoxne Road	EB	Jan-16	ATC	No	3206-1007	3206	1007	68	70	0.183	Yes	Yes	52.64495	53	0.047	Yes	Yes	10.57727	11	0.129	4.895833	6	0.328
110	Calibration		55	Eye B1117 Hoxne Road	WB	Jan-16	ATC	No	1007-3206	1007	3206	63	71	0.919	Yes	Yes	48.35425	54	0.733	Yes	Yes	9.715192	10	0.210	5.173611	7	0.663
111	Calibration		56	Eye Cranley Green Road	NB	Jan-16	ATC	No	3926-3206	3926	3206	114	115	0.035	Yes	Yes	88.84993	89	0.016	Yes	Yes	17.85146	18	0.030	7.708333	8	0.034
112	Calibration		56	Eye Cranley Green Road	SB	Jan-16	ATC	No	3206-3926	3206	3926	119	119	0.052	Yes	Yes	92.04193	92	0.001	Yes	Yes	18.49279	18	0.106	8.708333	9	0.041
113	Calibration		57	Helmingham B1077	NB	Jan-16	ATC	No	3326-3920	3326	3920	84	84	0.002	Yes	Yes	64.16104	64	0.019	Yes	Yes	12.89104	13	0.028	7.392361	7	0.012
114	Calibration		57	Helmingham B1077	SB	Jan-16	ATC	No	3920-3326	3920	3326	83	83	0.023	Yes	Yes	64.42126	64	0.046	Yes	Yes	12.94333	13	0.021	5.527778	6	0.036
115	Calibration		58	Harleston B1116 Harleston Road	NB	Jan-16	ATC	No	3244-4629	3244	4629	178	177	0.106	Yes	Yes	136.0303	136	0.003	Yes	Yes	27.3308	25	0.370	14.625	15	0.118
116	Calibration		58	Harleston B1116 Harleston Road	SB	Jan-16	ATC	No	4629-3244	4629	3244	179	172	0.493	Yes	Yes	136.7184	131	0.451	Yes	Yes	27.46906	23	0.988	14.77778	18	0.891
117	Calibration		59	Claydon Bramford Road	NB	Jan-16	ATC	No	0027-5002	50027	50025	271	413	7.684	No	No	210.8516	321	6.746	No	No	42.36368	66	3.241	17.59028	26	1.758
118	Calibration		59	Claydon Bramford Road	SB	Jan-16	ATC	No	0026-5002	50026	50027	216	398	10.353	No	No	165.3077	323	10.073	No	No	33.21313	59	3.788	17.89583	16	0.386
119	Calibration		60	Claydon Bramford Road	EB	Jan-16	ATC	No	0025-5001	50025	50016	538	378	7.485	No	No	361.8589	277	4.770	Yes	Yes	72.70361	57	1.950	103.8194	45	6.885
120	Calibration		60	Claydon Bramford Road	WB	Jan-16	ATC	No	0017-5002	50017	50026	496	406	4.220	Yes	Yes	322.6296	323	0.001	Yes	Yes	64.82178	59	0.750	108.375	25	10.266
121	Calibration		61	Stanton Street A1088	NB	Jan-16	ATC	No	5917-3914	5917	3914	188	188	0.022	Yes	Yes	146.1528	146	0.002	Yes	Yes	29.36458	29	0.108	12.66667	13	0.071
122	Calibration		61	Stanton Street A1088	SB	Jan-16	ATC	No	3914-5917	3914	5917	191	191	0.008	Yes	Yes	149.871	150	0.006	Yes	Yes	30.11164	30	0.022	11.16667	11	0.023
123	Calibration		62	Brockford Street A140 The Street	NB	Jan-16	ATC	No	3905-1302	3905	1302	432	415	0.851	Yes	Yes	302.9514	291	0.695	Yes	Yes	60.86809	54	0.895	68.45833	70	0.150
124	Calibration		62	Brockford Street A140 The Street	SB	Jan-16	ATC	No	1302-3905	1302	3905	441	416	1.231	Yes	Yes	304.877	284	1.197	Yes	Yes	61.25497	54	0.924	74.91667	77	0.241
125	Calibration		63	Earl Stonham A140	NB	Jan-16	ATC	No	3145-3203	3145	3203	502	503	0.037	Yes	Yes	342.9844	343	0.005	Yes	Yes	68.91141	69	0.021	90.52083	91	0.095
126	Calibration		63	Earl Stonham A140	SB	Jan-16	ATC	No	3203-3146	3203	3146	497	497	0.013	Yes	Yes	336.3402	337	0.020	Yes	Yes	67.57647	68	0.032	93.08333	93	0.035
127	Calibration		64	Coddenham B1078 High Street	EB	Jan-16	ATC	No	3146-3147	3146	3147	85	97	1.213	Yes	Yes	66.5348	76	1.128	Yes	Yes	13.36797	13	0.104	5.555556	8	0.936
128	Calibration		64	Coddenham B1078 High Street	WB	Jan-16	ATC	No	3147-3146	3147	3146	89	91	0.242	Yes	Yes	67.84746	68	0.023	Yes	Yes	13.63171	14	0.099	7.097222	9	0.613
129	Calibration		65	Needham Market Barking Road	EB	Jan-16	ATC	No	3138-3720	3138	3720	158	188	2.270	Yes	Yes	122.4354	162	3.347	Yes	Yes	24.59935	25	0.162	11.11806	0	4.573
130	Calibration		65	Needham Market Barking Road	WB	Jan-16	ATC	No	3720-3138	3720	3138	153	161	0.617	Yes	Yes	120.4254	133	1.132	Yes	Yes	24.2357	25	0.100	8.618056	3	2.273
131	Calibration		66	Needham Market Lower Street	NB	Jan-16	ATC	No	3697-3139	3697	3139	208	194	1.000	Yes	Yes	156.7032	154	0.250	Yes	Yes	31.48433	27	0.887	20.14583	14	1.526
132	Calibration		66	Needham Market Lower Street	SB	Jan-16	ATC	No	3139-3697	3139	3697	205	162	3.105	Yes	Yes	154.7429	118	3.126	Yes	Yes	31.09047	25	1.178	18.66667	19	0.159
133	Calibration		67	Stuston A143 Old Bury Road	EB	Jan-16	ATC	No	3935-3248	3935	3248	208	242	2.281	Yes	Yes	139.4247	165	2.078	Yes	Yes	28.0128	36	1.365	40.8125	42	0.138
134	Calibration		67	Stuston A143 Old Bury Road	WB	Jan-16	ATC	No	3248-3935	3248	3935	209	236	1.801	Yes	Yes	139.2165	151	1.004	Yes	Yes	27.97097	43	2.496	41.875	42	0.013
135	Validation		68	East End A1120	EB	Jan-16	ATC	No	3903-3201	3903	3201	129	90	3.663	Yes	Yes	99.82534	66	3.694	Yes	Yes	20.05661	16	1.018	8.78125	8	0.124
136	Validation		68	East End A1120	WB	Jan-16	ATC	No	3201-3903	3201	3903	118	99	1.823	Yes	Yes	88.04036	75	1.500	Yes	Yes	17.68881	17	0.221	12.44792	8	1.430
137	Calibration		69	Redgrave B1113	NB	Jan-16	ATC	No	3261-5810	3261	5810	61	19	6.576	No	Yes	46.76403	15	5.818	No	Yes	9.39569	3	2.524	4.819444	2	1.746
138	Calibration		69	Redgrave B1113	SB	Jan-16	ATC	No	5810-3261	5810	3261	59	20	6.181	No	Yes	45.55546	14	5.709	No	Yes	9.152869	4	2.180	4.604167	2	1.208
139	Calibration	Stowmarket	70	Stowmarket Stowmarket Road	EB	Jan-16	ATC	No	2383-3716	2383	3716	329	315	0.770	Yes	Yes	262.4557	262	0.036	Yes	Yes	52.73182	53	0.037	13.50694	0	5.197
140	Calibration	Stowmarket	70	Stowmarket Stowmarket Road	WB	Jan-16	ATC	No	3716-2383	3716	2383	318	301	0.952	Yes	Yes	251.0928	251	0.013	Yes	Yes	50.44883	50	0.063	16.09028	0	5.673
141	Calibration	Stowmarket	71	Stowmarket A1120	NB	Jan-16	ATC	No	2414-2380	2414	2380	272	272	0.015	Yes	Yes	215.7206	216	0.003	Yes	Yes	43.34193	43	0.073	13.29167	14	0.077
142	Calibration	Stowmarket	71	Stowmarket A1120	SB	Jan-16	ATC	No	2380-2414	2380	2414	271	272	0.043	Yes	Yes	211.8693	212	0.025	Yes	Yes	42.56816	43	0.064	16.4375	16	0.021
143	Calibration	Stowmarket	72	Stowmarket B1115	EB	Jan-16	ATC	No	2379-2380	2379	2380	236	163	5.209	No	Yes	186.0384	126	4.786	Yes	Yes	37.37828	27	1.906	12.73611	10	0.886
144	Calibration	Stowmarket	72	Stowmarket B1115	WB	Jan-16	ATC	No	2380-2379	2380	2379	233	158	5.368	No	Yes	183.6964	125	4.731	Yes	Yes	36.90774	27	1.812	12.27778	6	1.986
145	Calibration	Stowmarket	73	Stowmarket Newton Road	NB	Jan-16	ATC	No	2375-2382	2375	2382	105	286	13.003	No	No	79.29126	232	12.245	No	No	15.93096	44	5.114	9.430556	11	0.344
146	Calibration	Stowmarket	73	Stowmarket Newton Road	SB	Jan-16	ATC	No	2382-2375	2382	2375	103	335	15.708	No	No	78.39495	266	14.310	No	No	15.75088	56	6.773	8.659722	13	1.210
147	Calibration	Stowmarket	74	Stowmarket B1115 Finborough Rd	EB	Jan-16	ATC	No	2350-2349	2350	2349	100	150	4.491	Yes	Yes	79.22765	118	3.901	Yes	Yes	15.91818	28	2.488	4.791667	5	0.046
148	Calibration	Stowmarket	74	Stowmarket B1115 Finborough Rd	WB	Jan-16	ATC	No	2349-2350	2349	2350	112	193	6.583	No	Yes	90.01801	145	5.032	No	Yes	18.08615	41	4.180	3.625	8	1.718
149	Calibration	Stowmarket	75	Stowmarket A1120	NB	Jan-16	ATC	No	2386-2391	2386	2391	475	467	0.370	Yes	Yes	362.7783	363	0.021	Yes	Yes	72.88834	65	0.965	39.75	39	0.068
150	Calibration	Stowmarket	75	Stowmarket A1120	SB	Jan-16	ATC	No	2391-2387	2391	2387	442	441	0.027	Yes	Yes	334.7615	335	0.014	Yes	Yes	67.25929	67	0.052	39.54167	39	0.062
151	Calibration	Stowmarket	76	Stowmarket A1308 Needham Rd	NB	Jan-16	ATC	No	2390-2318	2390	2318	523	421	4.716	Yes	No	412.3857	320	4.843	Yes	Yes	82.8553	68	1.707	27.99167	33	0.912
152	Calibration	Stowmarket	76	Stowmarket A1308 Needham Rd	SB	Jan-16	ATC	No	2318-2390	2318	2390	498	450	2.184	Yes	Yes	389.5189	348	2.159	Yes	Yes	78.26098	69	1.126	29.95417	34	0.633
153	Calibration	Stowmarket	78	Stowmarket A1038 Bury Road	NB	Jan-16	ATC	No	2340-3494	3494	2340	437	294	7.470	No	No	349.2297	244	6.127	No	No	70.16618	39	4.237	17.45833	11	1.581
154	Calibration	Stowmarket	78	Stowmarket A1038 Bury Road	SB	Jan-16	ATC	No	3494-2340	3494	2340	506	401	4.923	Yes	No	402.1406	326	3.963	Yes	Yes	80.76589	54	3.261	23.125	21	0.520
157	Calibration	Stowmarket	79	Stowmarket Stowupland Road	NB	Jan-16	ATC	No	5852-2377	5852	2377	149	149	0.004	Yes	Yes	118.3586	118	0.027	Yes	Yes	23.78026	24	0.039	6.388889	7	0.061
158	Calibration	Stowmarket	79	Stowmarket Stowupland Road	SB	Jan-16	ATC	No	2377-5852	2377	5852	138	137	0.043	Yes	Yes	111.2055	111	0.015	Yes	Yes	22.34308	22	0.081	4.3125	4	0.015
159	Calibration	Stowmarket	80	Stowmarket B1115 Finborough Road	EB	Jan-16	ATC	No	2346-2434	2346	2434	242	241	0.041	Yes	Yes	196.1464	196	0.015	Yes	Yes	39.40915	39	0.072	6.472222	6	0.009
160	Calibration	Stowmarket	80	Stowmarket B1115 Finborough Road	WB	Jan-16	ATC	No	2434-2346	2434	2346	311	311	0.002	Yes	Yes	252.232	252	0.015	Yes	Yes	50.67771	51	0.037	7.875	8	0.022
161	Calibration		81	Stradbroke B1117 Laxfield Rd	EB	Jan-16	ATC	No	3210-3317	3210	3317	62	62	0.071	Yes	Yes	46.19734	46	0.035	Yes	Yes	9.281831	9	0.093	6.916667	7	0.016
162	Calibration		81	Stradbroke B1117 Laxfield Rd	WB	Jan-16	ATC	No	3317-3210	3317	3210	66	66	0.062	Yes	Yes	47.96682	48	0.005	Yes	Yes	9.63735	10	0.116	8.0625	8	0.038
163	Calibration		82	Beyton Thurston Rd	NB	Jan-16	ATC	No	3879-3878	3879	3878	123	124	0.045	Yes	Yes	98.59075	99	0.052	Yes	Yes	19.80856	20	0.032	4.958333	5	0.074
164	Calibration		82	Beyton Thurston Rd	SB	Jan-16	ATC	No	3878-3879	3878	3879	111	111	0.011	Yes	Yes	88.27745	88	0.041	Yes	Yes	17.73644	18	0.060	5.208333	5	0.010
165	Calibration		83	Woolpit Unnamed Road	NB	Jan-16	ATC	No	3838-3837	3838	3837	184	184	0.018	Yes	Yes	145.057	145	0.016	Yes	Yes	29.14442	29	0.029	9.805556	10	0.033
166	Calibration		83	Woolpit Unnamed Road	SB	Jan-16	ATC	No	3837-3838	3837	3838	199	200	0.052	Yes	Yes	158.571	159	0.051	Yes	Yes	31.8596	32	0.020	8.347222	8	0.009
167	Calibration		84	Barningham B1111 Stanton Rd	NB	Jan-16	ATC	No	3263-3865	3263	3865	130	159	2.357	Yes	Yes	102.8323	125	2.057	Yes	Yes	20.66076	23	0.496	6.902778	11	1.363
168	Calibration		84	Barningham B1111 Stanton Rd	SB	Jan-16	ATC	No	3865-3263	3865	3263	125	191	5.308	No	Yes	99.51886	153	4.782	Yes	Yes	19.99503	26	1.314	5.236111	12	2.274
169	Calibration	ury St. Edmund	85	Bury St Edmunds A134 Sicklesmere Road	NB	Jan-16	ATC	No	2132-2111	2132	2111	459	566	4.713	Yes	No	355.7235	433	3.901	Yes	Yes	71.47091	89	1.946	32.19444	44	1.913
170	Calibration	ury St. Edmund	85	Bury St Edmunds A134 Sicklesmere Road	SB	Jan-16	ATC	No	2111-2132	2111	2132	436	723	11.913	No	No	332.3386	546	10.207	No	No	66.77249	122	5.712	36.79167	54	2.558
171	Calibration	ury St. Edmund	86	Bury St Edmunds A143 Horringer Road	NB	Jan-16	ATC	No	2144-2143	2144	2143	239	327	5.242	No	Yes	187.6749	264	5.098	No	Yes	37.70708	45	1.070	13.80556	19	1.178
172	Calibration	ury St. Edmund	86	Bury St Edmunds A143 Horringer Road	SB	Jan-16	ATC	No	2143-2144	2143	2144	255	280	1.533	Yes	Yes	200.7147	232	2.140	Yes	Yes	40.32699	37	0.599	14.33333	12	0.741
175	Calibration	ury St. Edmund	88	Bury St Edmunds A1302 Cullum Road	NB	Jan-16	ATC	No	2112-1320	2112	1320	460	406	2.622	Yes	Yes	368.8096	365	0.208	Yes	Yes	74.10013	36	5.151	17.5	5	3.682
176	Calibration	ury St. Edmund	88	Bury St Edmunds A1302 Cullum Road	SB	Jan-16	ATC	No	1320-2112	1320	2112	431	400	1.509	Yes	Yes	341.799	335	0.393	Yes	Yes	68.67324	49	2.569	20.76389	17	0.885
181	Validation	ury St. Edmund	91	Bury St Edmunds A1302 Newmarket Road	NB	Jan-16	ATC	No	2159-1308	2159	1308	468	274	10.093	No	No	369.7348	236	7.678	No	No	74.28602	32	5.878	24.1875	6	4.629
182	Validation	ury St. Edmund	91	Bury St Edmunds A1302 Newmarket Road	SB	Jan-16	ATC	No	1308-2159	1308	2159	439	431	0.394	Yes	Yes	347.1074	358	0.580	Yes	Yes	69.73979	60	1.256	21.88194	13	2.159
183	Calibration	ury St. Edmund	92	Bury St Edmunds Fornham Lane	NB	Jan-16	ATC	No	3849-2199	3849	2199	226	232	0.448	Yes	Yes	179.6255	180	0.047	Yes	Yes	36.09881	36	0.012	9.881944	16	1.727
184	Calibration	ury St. Edmund	92	Bury St Edmunds Fornham Lane	SB	Jan-16	ATC	No	2199-3849	2199	3849	224	224	0.039	Yes	Yes	178.0642	178	0.022	Yes	Yes	35.77612	36	0.036	9.958333	10	0.024
185	Calibration	ury St. Edmund	93	Bury St Edmunds Tut Hill	NB	Jan-16	ATC	No	2198-2232	2198	2232	302	176	8.124	No	No	240.1984	129	8.172	No	No	48.25995	21	4.661	13.04167	26	2.928
186	Calibration	ury St. Edmund	93	Bury St Edmunds Tut Hill	SB	Jan-16	ATC	No	2232-2198	2232	2198	300	318	1.026	Yes	Yes	237.735	228	0.649	Yes	Yes	47.76501	57	1.292	14.3125	33	3.824
187	Calibration	ury St. Edmund	94	Bury St Edmunds Westley Road	EB	Jan-16	ATC	No	2180-2155	2180	2155	170	95	6.512	No	Yes	139.8931	71	6.694	No	Yes	28.1069	17	2.370	1.854167	7	2.422
188	Calibration	ury St. Edmund	94	Bury St Edmunds Westley Road	WB	Jan-16	ATC	No	2155-2180	2155	2180	170	92	6.802	No	Yes	139.8931	76	6.154	No	Yes	28.1069	14	3.057	2.041667	2	0.058
189	Calibration	ury St. Edmund	95	Bury St Edmunds A1101	NB	Jan-16	ATC	No	3381-2217	3381	2217	601	603	0.048	Yes	Yes	480.709	482	0.037	Yes	Yes	96.58263	97	0.039	24.04167	24	0.008
190	Calibration	ury St. Edmund	95	Bury St Edmunds A1101	SB	Jan-16	ATC	No	2217-3381	2217	3381	585	586	0.046	Yes	Yes	465.1249	466	0.060	Yes	Yes	93.45151	93	0.047	26.75694	27	0.049
191	Calibration	ury St. Edmund	96	Bury St Edmunds B1106 Thetford Road	NEB	Jan-16	ATC	No	2220-2235	2220	2235	339	498	7.764	No	No	272.1127	403	7.112	No	No	54.67207	80	3.036	12.42361	16	0.892
192	Calibration	ury St. Edmund	96	Bury St Edmunds B1106 Thetford Road	SWB	Jan-16	ATC	No	2235-2220	2235	2220	297	419	6.448	No	No	236.5178	334	5.793	No	Yes	47.52044	65	2.330	12.88542	20	1.645
193	Calibration	ury St. Edmund	97	Bury St Edmunds Mildenhall Road	NB	Jan-16	ATC	No	2230-2232	2230	2232	280	173	7.107	No	No	220.9105	130	6.868	No	Yes	44.38467	32	2.027	15.01042	11	0.973
194	Calibration	ury St. Edmund	97	Bury St Edmunds Mildenhall Road	SB	Jan-16	ATC	No	2232-2230	2232	2230	310	129	12.189	No	No	245.4664	97	11.360	No	No	49.31837	18	5.299	15.00694	14	0.293
195	Calibration	ury St. Edmund	98	Bury St Edmunds A134	NB	Jan-16	ATC	No	2250-3815	2250	3815	406	406	0.006	Yes	Yes	296.3534	318	1.263	Yes	Yes	59.54244	50	1.234	49.91667	37	1.951
196	Calibration	ury St. Edmund	98	Bury St Edmunds A134	SB	Jan-16	ATC	No	3815-2250	3815	2250	374	414	1.995	Yes	Yes	269.0479	314	2.625	Yes	Yes	54.0563	58	0.489	50.85417	42	1.305
197	Validation	ury St. Edmund	99	Bury St Edmunds B1106 Barton Bottom	EB	Jan-16	ATC	No	2250-2259	2250	2259	117	155	3.215	Yes	Yes	93.40142	113	1.908	Yes	Yes	18.76594	18	0.193	5.0375	24	4.973
198	Validation	ury St. Edmund	99	Bury St Edmunds B1106 Barton Bottom	WB	Jan-16	ATC	No	2259-2250	2259	2250	113	189	6.224	No	Yes	90.54365	132	3.909	Yes	Yes	18.19176	33	2.891	4.097917	25	5.445
199	Calibration	ury St. Edmund	100	Bury St Edmunds A134 Compiegne Way	NB	Jan-16	ATC	No	2087-2234	2087	2234	756	779	0.818	Yes	Yes	526.5594	567	1.716	Yes	Yes	105.7948	97	0.883	123.7917	115	0.784

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
200	Calibration	ury St. Edmund	100	Bury St Edmunds A134 Compiegne Way	SB	Jan-16	ATC	No	2234-2087	2234	2087	712	885	6.152	No	No	491.7596	678	7.715	No	No	98.80288	112	1.262	121	95	2.475
201	Validation	ury St. Edmund	101	Bury St Edmunds A143	NB	Jan-16	ATC	No	5919-3852	5919	3852	476	593	5.064	No	No	354.4167	427	3.689	Yes	Yes	71.20834	118	4.808	50.14583	48	0.379
202	Validation	ury St. Edmund	101	Bury St Edmunds A143	SB	Jan-16	ATC	No	3852-5919	3852	5919	470	568	4.308	Yes	Yes	349.7674	426	3.870	Yes	Yes	70.27423	96	2.812	49.5625	46	0.541
203	Calibration	ury St. Edmund	102	Bury St Edmunds Mount Road	EB	Jan-16	ATC	No	2282-2284	2282	2284	221	149	5.293	No	Yes	176.8382	108	5.793	No	Yes	35.52981	36	0.080	8.208333	5	1.287
204	Calibration	ury St. Edmund	102	Bury St Edmunds Mount Road	WB	Jan-16	ATC	No	2284-2282	2284	2282	206	117	7.053	No	Yes	165.2441	74	8.324	No	Yes	33.20035	36	0.446	7.666667	7	0.421
205	Calibration	ury St. Edmund	103	Horninger Poulters Lane	NEB	Jan-16	ATC	No	5638-1011	5638	1011	241	154	6.171	No	Yes	187.2498	114	5.974	No	Yes	37.62168	27	1.960	16.22569	14	0.607
206	Calibration	ury St. Edmund	103	Horninger Poulters Lane	SWB	Jan-16	ATC	No	1011-5638	1011	5638	224	126	7.397	No	Yes	173.2935	92	7.067	No	Yes	34.81761	26	1.689	15.84722	9	2.056
207	Calibration	ury St. Edmund	104	Bury St Edmunds Unnamed Road	NB	Jan-16	ATC	No	2287-2284	2287	2284	134	134	0.042	Yes	Yes	104.644	105	0.051	Yes	Yes	21.02476	21	0.010	7.872917	8	0.000
208	Calibration	ury St. Edmund	104	Bury St Edmunds Unnamed Road	SB	Jan-16	ATC	No	2284-2287	2284	2287	108	108	0.003	Yes	Yes	84.77723	85	0.015	Yes	Yes	17.03319	17	0.006	6.158333	6	0.062
209	Calibration	ury St. Edmund	105	Bury St Edmunds Hardwick Lane	EB	Jan-16	ATC	No	1319-2137	1319	2137	414	428	0.679	Yes	Yes	341.0472	357	0.854	Yes	Yes	68.5222	66	0.255	4.680556	5	0.033
210	Calibration	ury St. Edmund	105	Bury St Edmunds Hardwick Lane	WB	Jan-16	ATC	No	2137-1319	2137	1319	376	379	0.138	Yes	Yes	302.6911	305	0.136	Yes	Yes	60.8158	61	0.024	12.95139	13	0.035
211	Calibration	ury St. Edmund	106	Bury St Edmunds Hospital Road	EB	Jan-16	ATC	No	2177-2178	2177	2178	248	255	0.443	Yes	Yes	201.5647	209	0.527	Yes	Yes	40.49778	40	0.067	6.208333	6	0.035
212	Calibration	ury St. Edmund	106	Bury St Edmunds Hospital Road	WB	Jan-16	ATC	No	2178-2177	2178	2177	226	224	0.074	Yes	Yes	183.2627	183	0.055	Yes	Yes	36.8206	37	0.035	5.479167	5	0.070
213	Validation	ury St. Edmund	107	Bury St Edmunds Flemyng Road	NB	Jan-16	ATC	No	2150-2151	2150	2151	138	91	4.386	Yes	Yes	109.9102	84	2.647	Yes	Yes	22.08283	6	4.156	6.298611	1	2.749
214	Validation	ury St. Edmund	107	Bury St Edmunds Flemyng Road	SB	Jan-16	ATC	No	2151-2150	2151	2150	149	110	3.387	Yes	Yes	121.1748	97	2.332	Yes	Yes	24.34607	11	3.229	3.201389	3	0.388
215	Calibration	ury St. Edmund	108	Bury St Edmunds A1302 Tayfen Road	EB	Jan-16	ATC	No	2076-2078	2076	2078	556	632	3.117	Yes	Yes	448.2685	525	3.460	Yes	Yes	90.06478	90	0.016	17.51389	17	0.046
216	Calibration	ury St. Edmund	108	Bury St Edmunds A1302 Tayfen Road	WB	Jan-16	ATC	No	2078-2076	2078	2076	624	641	0.650	Yes	Yes	506.6846	543	1.572	Yes	Yes	101.8016	83	1.983	15.68056	15	0.158
217	Calibration	ury St. Edmund	109	Bury St Edmunds Mustow Street	EB	Jan-16	ATC	No	2311-3399	2311	3399	411	410	0.062	Yes	Yes	332.8244	333	0.017	Yes	Yes	66.87008	66	0.136	11.49306	11	0.134
218	Calibration	ury St. Edmund	109	Bury St Edmunds Mustow Street	WB	Jan-16	ATC	No	3399-2311	3399	2311	341	349	0.404	Yes	Yes	276.0911	283	0.432	Yes	Yes	55.4714	56	0.017	9.868056	10	0.051
221	Calibration	ury St. Edmund	111	Bury St Edmunds Hollow Road	NB	Jan-16	ATC	No	1358-3427	1358	3427	214	65	12.593	No	No	160.5949	56	10.028	No	No	32.26624	7	5.643	21.34722	2	5.690
222	Calibration	ury St. Edmund	111	Bury St Edmunds Hollow Road	SB	Jan-16	ATC	No	3427-1358	3427	1358	186	86	8.580	No	No	135.984	57	8.049	No	Yes	27.32151	15	2.669	23.01389	14	2.043
223	Calibration	ury St. Edmund	112	Bury St Edmunds Ortewell Road	NB	Jan-16	ATC	No	2297-2271	2297	2271	482	498	0.694	Yes	Yes	389.1644	404	0.724	Yes	Yes	78.18976	79	0.093	15.125	15	0.035
224	Calibration	ury St. Edmund	112	Bury St Edmunds Ortewell Road	SB	Jan-16	ATC	No	2271-2297	2271	2297	461	459	0.113	Yes	Yes	371.4638	369	0.129	Yes	Yes	74.63341	75	0.032	15.36111	15	0.056
225	Calibration		113	Clare A1092 Cavendish Road	EB	Jan-16	ATC	No	3308-3731	3308	3731	172	171	0.107	Yes	Yes	132.8614	133	0.004	Yes	Yes	26.69412	27	0.063	12.38889	11	0.494
226	Calibration		113	Clare A1092 Cavendish Road	WB	Jan-16	ATC	No	3731-3308	3731	3308	164	161	0.226	Yes	Yes	125.0607	125	0.005	Yes	Yes	25.12682	25	0.029	13.36111	11	0.770
231	Validation		116	Thetford A1088	NB	Jan-16	ATC	No	5921-3265	5921	3265	150	108	3.668	Yes	Yes	113.2005	83	3.029	Yes	Yes	22.74391	17	1.207	14	8	1.899
232	Validation		116	Thetford A1088	SB	Jan-16	ATC	No	3265-5921	3265	5921	153	107	3.976	Yes	Yes	114.6924	79	3.583	Yes	Yes	23.04367	19	0.914	14.84722	9	1.692
235	Calibration		118	Great Bradley B1061	NB	Jan-16	ATC	No	3743-2481	3743	2481	89	95	0.712	Yes	Yes	69.4955	74	0.587	Yes	Yes	13.96283	9	1.306	5.1875	12	2.188
236	Calibration		118	Great Bradley B1061	SB	Jan-16	ATC	No	2481-3743	2481	3743	91	129	3.654	Yes	Yes	72.42729	99	2.877	Yes	Yes	14.55188	22	1.740	3.645833	8	1.754
237	Calibration		119	Kedington B1061 Haverhill Road	NB	Jan-16	ATC	No	3741-2625	3741	2625	132	131	0.063	Yes	Yes	105.368	105	0.040	Yes	Yes	21.17022	21	0.035	5.378472	5	0.066
238	Calibration		119	Kedington B1061 Haverhill Road	SB	Jan-16	ATC	No	2625-3740	2625	3740	136	136	0.060	Yes	Yes	108.6872	109	0.031	Yes	Yes	21.83711	22	0.033	5.003472	5	0.097
239	Calibration	Haverhill	120	Haverhill A143 Haverhill Rd	EB	Jan-16	ATC	No	2584-2625	2584	2625	285	252	2.050	Yes	Yes	225.9095	191	2.411	Yes	Yes	45.38907	44	0.137	13.97222	16	0.555
240	Calibration	Haverhill	120	Haverhill A143 Haverhill Rd	WB	Jan-16	ATC	No	2625-2584	2625	2584	285	242	2.642	Yes	Yes	226.4386	189	2.588	Yes	Yes	45.49538	41	0.610	12.71875	11	0.443
241	Calibration	Haverhill	121	Haverhill A143 Ehringshausen Way	NB	Jan-16	ATC	No	2573-2572	2573	2572	408	351	2.912	Yes	Yes	323.6676	288	2.062	Yes	Yes	65.03033	45	2.759	19.34375	19	0.062
242	Calibration	Haverhill	121	Haverhill A143 Ehringshausen Way	SB	Jan-16	ATC	No	2572-2573	2572	2573	348	329	1.005	Yes	Yes	274.9548	275	0.015	Yes	Yes	55.2431	37	2.693	17.37153	17	0.014
243	Validation	Haverhill	122	Haverhill A1017	EB	Jan-16	ATC	No	2541-2540	2541	2540	159	241	5.792	No	Yes	121.6836	157	3.021	Yes	Yes	24.44831	57	5.070	12.88889	27	3.124
244	Validation	Haverhill	122	Haverhill A1017	WB	Jan-16	ATC	No	2540-2541	2540	2541	148	240	6.659	No	Yes	112.3216	142	2.608	Yes	Yes	22.56732	65	6.468	12.73611	33	4.266
245	Calibration	Haverhill	123	Haverhill A1017	NB	Jan-16	ATC	No	2556-2612	2556	2612	271	272	0.071	Yes	Yes	198.2513	163	2.593	Yes	Yes	39.83206	71	4.160	32.79167	38	0.858
246	Calibration	Haverhill	123	Haverhill A1017	SB	Jan-16	ATC	No	2612-2556	2612	2556	318	318	0.010	Yes	Yes	236.9717	199	2.563	Yes	Yes	47.61165	82	4.223	33.47917	37	0.629
247	Calibration	Haverhill	124	Haverhill Queens Street	NB	Jan-16	ATC	No	2603-2628	2603	2628	77	40	4.891	Yes	Yes	61.5126	29	4.772	Yes	Yes	12.35893	4	2.823	3.225694	6	1.346
248	Calibration	Haverhill	124	Haverhill Queens Street	SB	Jan-16	ATC	No	2628-2603	2628	2603	84	45	4.827	Yes	Yes	67.02633	32	4.993	Yes	Yes	13.46673	10	1.171	3.368056	4	0.172
249	Calibration	Haverhill	125	Haverhill A1307 Withersfield	EB	Jan-16	ATC	No	2592-2591	2592	2591	428	428	0.010	Yes	Yes	343.5396	344	0.019	Yes	Yes	69.02295	69	0.012	15.70139	16	0.011
250	Calibration	Haverhill	125	Haverhill A1307 Withersfield	WB	Jan-16	ATC	No	2591-2592	2591	2592	445	414	1.487	Yes	Yes	357.2646	357	0.016	Yes	Yes	71.78054	42	4.004	16.09375	16	0.097
251	Calibration	Haverhill	126	Haverhill A1307	EB	Jan-16	ATC	No	2611-2605	2611	2605	388	319	3.653	Yes	Yes	310.0958	254	3.347	Yes	Yes	62.30352	52	1.350	15.23958	13	0.596
252	Calibration	Haverhill	126	Haverhill A1307	WB	Jan-16	ATC	No	2605-2611	2605	2611	310	298	0.686	Yes	Yes	246.0157	248	0.128	Yes	Yes	49.42874	38	1.703	14.18056	11	0.753
253	Calibration	Haverhill	127	Haverhill A143 Rowley Hill	EB	Jan-16	ATC	No	3621-2540	3621	2540	171	171	0.048	Yes	Yes	130.4183	130	0.035	Yes	Yes	26.20325	26	0.042	14.80903	15	0.005
254	Calibration	Haverhill	127	Haverhill A143 Rowley Hill	WB	Jan-16	ATC	No	2540-3621	2540	3621	169	169	0.000	Yes	Yes	128.377	128	0.036	Yes	Yes	25.79313	26	0.047	15.05208	15	0.045
255	Validation	Haverhill	128	Haverhill A1307	EB	Jan-16	ATC	No	2630-2612	2630	2612	458	670	8.913	No	No	349.4378	482	6.507	No	No	70.20801	138	6.634	38.58333	50	1.704
256	Validation	Haverhill	128	Haverhill A1307	WB	Jan-16	ATC	No	2612-2630	2612	2630	434	597	7.172	No	No	327.5622	436	5.527	No	No	65.81282	112	4.931	40.85417	49	1.246
257	Calibration	Haverhill	129	Wixoe A1092	NB	Jan-16	ATC	No	3307-3308	3307	3308	143	143	0.001	Yes	Yes	111.778	112	0.024	Yes	Yes	22.4581	22	0.095	8.972222	9	0.060
258	Calibration	Haverhill	129	Wixoe A1092	SB	Jan-16	ATC	No	3308-3307	3308	3307	135	135	0.002	Yes	Yes	104.038	104	0.006	Yes	Yes	20.903	21	0.019	9.572917	10	0.002
259	Calibration	Haverhill	130	Haverhill Bumpstead Road	NB	Jan-16	ATC	No	2543-2544	2543	2544	262	408	8.011	No	No	203.314	366	9.628	No	No	40.84924	27	2.349	17.50347	15	0.510
260	Calibration	Haverhill	130	Haverhill Bumpstead Road	SB	Jan-16	ATC	No	2544-2543	2544	2543	259	342	4.771	Yes	Yes	201.0067	304	6.508	No	No	40.38567	26	2.572	17.69097	12	1.562
261	Calibration	Haverhill	131	Haverhill Burton End	EB	Jan-16	ATC	No	2558-2559	2558	2559	164	164	0.012	Yes	Yes	130.9418	131	0.018	Yes	Yes	26.3084	26	0.060	6.576389	7	0.021
262	Calibration	Haverhill	131	Haverhill Burton End	WB	Jan-16	ATC	No	2559-2558	2559	2558	146	145	0.046	Yes	Yes	116.0398	116	0.001	Yes	Yes	23.31437	23	0.063	6.666667	6	0.092
263	Calibration		132	Hundon Folly Road	NB	Jan-16	ATC	No	3733-3735	3733	3735	41	42	0.130	Yes	Yes	32.61975	33	0.065	Yes	Yes	6.553863	7	0.171	1.513889	2	0.013
264	Calibration		132	Hundon Folly Road	SB	Jan-16	ATC	No	3735-3733	3735	3733	37	37	0.044	Yes	Yes	29.08079	29	0.048	Yes	Yes	5.842825	6	0.065	1.902778	2	0.121
265	Calibration		133	Ixworth A143	NB	Jan-16	ATC	No	3325-3264	3325	3264	543	543	0.004	Yes	Yes	405.6275	406	0.022	Yes	Yes	81.49748	81	0.083	55.625	56	0.026
266	Calibration		133	Ixworth A143	SB	Jan-16	ATC	No	3264-3325	3264	3325	553	553	0.001	Yes	Yes	413.7116	414	0.029	Yes	Yes	83.12171	83	0.036	56.29167	56	0.030
267	Calibration		134	Wickhambrook B1063	NB	Jan-16	ATC	No	3774-5938	3774	5938	49	72	2.965	Yes	Yes	37.87904	56	2.658	Yes	Yes	7.610544	11	1.235	3.440972	4	0.515
268	Calibration		134	Wickhambrook B1063	SB	Jan-16	ATC	No	5938-3774	5938	3774	49	98	5.721	No	Yes	38.00915	78	5.221	No	Yes	7.636685	14	2.040	3.381944	6	1.193
269	Validation		135	Stanton A143 Bury Rd	EB	Jan-16	ATC	No	3875-3867	3875	3867	303	235	4.133	Yes	Yes	212.5806	159	3.920	Yes	Yes	42.71106	39	0.533	47.48611	37	1.685
270	Validation		135	Stanton A143 Bury Rd	WB	Jan-16	ATC	No	3867-3875	3867	3875	300	227	4.512	Yes	Yes	213.5983	147	4.951	Yes	Yes	42.91554	42	0.065	43.59722	37	0.996
271	Calibration	SEGWay	136	Aldeburgh Aldeburgh Road	EB	Jan-16	ATC	No	3190-3189	3190	3189	199	197	0.158	Yes	Yes	160.0513	160	0.008	Yes	Yes	32.15703	32	0.031	7.145833	5	0.873
272	Calibration	SEGWay	136	Aldeburgh Aldeburgh Road	WB	Jan-16	ATC	No	3189-3190	3189	3190	193	189	0.249	Yes	Yes	153.9853	154	0.009	Yes	Yes	30.93828	31	0.004	7.597222	4	1.486
273	Calibration		137	Blythburgh A12 Station Rd	NB	Jan-16	ATC	No	3224-3328	3224	3328	389	388	0.052	Yes	Yes	298.3368	298	0.023	Yes	Yes	59.94095	60	0.051	31.19444	31	0.044
274	Calibration		137	Blythburgh A12 Station Rd	SB	Jan-16	ATC	No	3328-3224	3328	3224	367	368	0.058	Yes	Yes	277.3459	278	0.012	Yes	Yes	55.72352	56	0.005	33.8125	35	0.150
275	Calibration	SEGWay	138	Earl Soham A1120 Mill Hill	EB	Jan-16	ATC	No	3200-5845	3200	5845	106	103	0.299	Yes	Yes	81.2747	78	0.366	Yes	Yes	16.32947	19	0.541	8.868056	7	0.736
276	Calibration	SEGWay	138	Earl Soham A1120 Mill Hill	WB	Jan-16	ATC	No	5845-3200	5845	3200	115	109	0.627	Yes	Yes	87.14405	83	0.450	Yes	Yes	17.50872	19	0.347	10.82639	7	1.335
277	Calibration	Felixstowe	139	Felixstowe A154 Candlet Road	NB	Jan-16	ATC	No	2914-2913	2914	2913	598	689	3.591	Yes	Yes	488.7411	495	0.296	Yes	Yes	98.19641	113	1.477	11.375	81	10.220
278	Calibration	Felixstowe	139	Felixstowe A154 Candlet Road	SB	Jan-16	ATC	No	2913-2914	2913	2914	554	569	0.646	Yes	Yes	451.9289	483	1.419	Yes	Yes	90.80022	64	3.025	10.83333	22	2.774
279	Calibration	Felixstowe	140	Felixstowe A154 Walton Avenue	EB	Jan-16	ATC	No	3551-5859	3551	5859	272	285	0.800	Yes	Yes	218.5887	219	0.042	Yes	Yes	43.9182	44	0.011	9.222222	22	3.208
280	Calibration	Felixstowe	140	Felixstowe A154 Walton Avenue	WB	Jan-16	ATC	No	5859-3551	5859	3551	313	327	0.793	Yes	Yes	252.897	253	0.022	Yes	Yes	50.81132	51	0.008	8.916667	23	3.463
281	Calibration	Felixstowe	141	Felixstowe A1021 Beatrice Ave	NB	Jan-16	ATC	No	2911-2912	2911	2912	279	326	2.698	Yes	Yes	226.3143	289	3.891	Yes	Yes	45.4704	37	1.255	7.423611	0	3.853
282	Calibration	Felixstowe	141	Felixstowe A1021 Beatrice Ave	SB	Jan-16	ATC	No	2912-2911	2912	2911	330	421	4.687	Yes	Yes	268.0822	324	3.252	Yes	Yes	53.86227	97	4.950	8.104167	0	4.026
283	Calibration	Felixstowe	142	Felixstowe A154 Garrison Lane	NB	Jan-16	ATC	No	2921-2919	2921	2919	424	398	1.283	Yes	Yes	344.8117	345	0.000	Yes	Yes	69.27855	40	3.927	9.583333	13	0.918
284	Calibration	Felixstowe	142	Felixstowe A154 Garrison Lane	SB	Jan-16	ATC	No	2919-2921	2919	2921	399	350	2.544	Yes	Yes	324.4338	325	0.008	Yes	Yes	65.18427	16	7.763	9.131944	9	0.011
285	Validation	Felixstowe	143	Felixstowe A154 Trinity Avenue	NB	Jan-16	ATC	No	2899-2892	2899	2892	251	302	3.053	Yes	Yes	132.5607	153	1.679	Yes	Yes	26.63371	21	1.211	91.65278	128	3.488
286	Validation	Felixstowe	143	Felixstowe A154 Trinity Avenue	SB	Jan-16	ATC	No	2892-2899	2892	2899	479	401	3.744	Yes	Yes	298.678	201	6.196	No	Yes	60.0095	24	5.650	120.4583	176	4.588
287	Calibration	Felixstowe	144	Felixstowe A154 Walton Avenue	EB	Jan-16	ATC	No	2899-2870	2899	2870	237	155	5.820	No	Yes	156.9113	125	2.714	Yes	Yes	31.52616	21	1.996	48.51389	9	7.269
288	Calibration	Felixstowe	144	Felixstowe A154 Walton Avenue	WB	Jan-16	ATC	No	2870-2899	2870	2899	239	181	4.043	Yes	Yes	153.2741	146	0.594	Yes	Yes	30.79537	31	0.033	55.25	4	9.485
289	Calibration	Felixstowe	145	Felixstowe Langer Road	NB	Jan-16	ATC	No	2863-2865	2863	2865	231	232	0.071	Yes	Yes	184.7951	185	0.018	Yes	Yes	37.12849	37	0.033	9.145833	10	0.335
290	Calibration	Felixstowe	145	Felixstowe Langer Road	SB	Jan-16	ATC	No	2865-2863	2865	2863	227	229	0.107	Yes	Yes	181.7419	182	0.029	Yes	Yes	36.51504	37	0.078	8.944444	10	0.249
291	Calibration	Felixstowe	146	Felixstowe Maidstone Road	NB	Jan-16	ATC	No	2906-2907	2906	2907	156	142	1.125	Yes	Yes	127.1945	127	0.033	Yes	Yes	25.55553	12	3.120	3.4375	4	0.084
292	Calibration	Felixstowe	146	Felixstowe Maidstone Road	SB	Jan-16	ATC	No	2907-2906	2907	2906	168	161	0.547	Yes	Yes	137.4875	137	0.074	Yes	Yes	27.62358	22	1.229	2.645833	3	0.028
293	Calibration	Felixstowe	147	Felixstowe High Street	EB	Jan-16	ATC	No	2938-2909	2938	2909	329	299	1.693	Yes	Yes	268.2846	268	0.011	Yes	Yes	53.90294	26	4.335	7.097222	5	0.973
294	Calibration	Felixstowe	147	Felixstowe High Street	WB	Jan-16	ATC	No	2909-2938	2909	2938	339	327	0.650	Yes	Yes	273.94	275	0.071	Yes	Yes	55.0392	47	1.076	9.854167	5	1.993
295	Calibration	Felixstowe	148	Felixstowe High Road	NB	Jan-16	ATC	No	2939-3566	2939	3566	265	182	5.553	No	Yes	211.1812	145	4.981	Yes	Yes	42.4299	34	1.391	11.81944	4	2.887
296	Calibration	Felixstowe	148	Felixstowe High Road	SB	Jan-16	ATC	No	3566-2939	3566	2939	268	155	7.744	No	No	215.3216	129	6.586	No	Yes	43.26177	20	4.214	9.430556	7	0.927
297	Calibration	SEGWay	149	Framlingham B1120	NB	Jan-16	ATC	No	3196-3214	3196	3214	42	52	1.380	Yes	Yes	33.25584	43	1.643	Yes	Yes	6.681664	5	0.718	2.194444	3	0.610
298	Calibration	SEGWay	149	Framlingham B1120	SB	Jan-16	ATC	No	3214-3196	3214	3196	43	59	2.316	Yes	Yes	33.31945	52	2.801	Yes	Yes	6.694444	6	0.366	2.493056	2	0.581
299	Calibration	SEGWay	150	Framlingham B1116 Dennington Rd	NB	Jan-16	ATC	No	3198-3213	3198	3213	80	72	0.888	Yes	Yes	62.24988	53	1.267	Yes	Yes	12.50706	15	0.608	5.236111	5	0.173

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
300	Calibration	SEGWay	150	Framlingham B1116 Dennington Rd	SB	Jan-16	ATC	No	3213-3198	3213	3198	76	77	0.134	Yes	Yes	59.40484	57	0.368	Yes	Yes	11.93544	14	0.450	4.666667	7	0.981
301	Calibration	SEGWay	151	Framlingham B1119 Saxtead Rd	EB	Jan-16	ATC	No	3199-5976	3199	5976	127	68	6.001	No	Yes	99.06203	50	5.738	No	Yes	19.90325	16	0.991	8	2	2.432
302	Calibration	SEGWay	151	Framlingham B1119 Saxtead Rd	WB	Jan-16	ATC	No	5976-3199	5978	3199	136	66	6.910	No	Yes	105.6658	47	6.758	No	Yes	21.23005	15	1.431	8.902778	5	1.693
303	Calibration	SEGWay	152	Framlingham Saxmundham Rd	EB	Jan-16	ATC	No	5978-7315	5978	7315	74	117	4.416	Yes	Yes	59.43953	97	4.204	Yes	Yes	11.94241	18	1.547	2.576389	3	0.033
304	Calibration	SEGWay	152	Framlingham Saxmundham Rd	WB	Jan-16	ATC	No	7315-5978	7315	5978	72	119	4.867	Yes	Yes	56.022	97	4.712	Yes	Yes	11.25577	18	1.809	4.4375	4	0.316
305	Calibration	SEGWay	153	Framlingham Woodbridge Rd	NB	Jan-16	ATC	No	5438-5431	5438	5431	192	185	0.510	Yes	Yes	154.4537	146	0.691	Yes	Yes	31.03238	28	0.611	6.402778	11	1.612
306	Calibration	SEGWay	153	Framlingham Woodbridge Rd	SB	Jan-16	ATC	No	5431-5438	5431	5438	171	195	1.781	Yes	Yes	136.198	157	1.699	Yes	Yes	27.3645	27	0.033	7.666667	11	1.207
307	Calibration	Waveney	154	Halesworth B1123 Chediston St	EB	Jan-16	ATC	No	3981-4521	3981	4521	61	61	0.026	Yes	Yes	47.40012	47	0.058	Yes	Yes	9.523491	10	0.153	4.215278	4	0.060
308	Calibration	Waveney	154	Halesworth B1123 Chediston St	WB	Jan-16	ATC	No	4521-3981	4521	3981	64	64	0.061	Yes	Yes	49.57438	50	0.055	Yes	Yes	9.960338	10	0.013	4.291667	4	0.029
309	Validation	Ipswich	155	Kesgrave A12	NB	Jan-16	ATC	No	0105-3010	30105	30107	1189	1218	0.823	Yes	Yes	923.6344	939	0.491	Yes	Yes	185.5739	200	1.009	80.25	80	0.049
310	Validation	Ipswich	155	Kesgrave A12	SB	Jan-16	ATC	No	0107-3010	30107	30106	1198	1256	1.671	Yes	Yes	919.5404	966	1.529	Yes	Yes	184.7513	199	1.011	93.58333	91	0.251
311	Calibration	Ipswich	156	Ipswich A1156	EB	Jan-16	ATC	No	0259-3010	30259	30100	651	437	9.191	No	No	507.9105	378	6.182	No	No	102.0479	50	6.000	41.10417	9	6.378
312	Calibration	Ipswich	156	Ipswich A1156	WB	Jan-16	ATC	No	0100-3025	30100	30259	417	397	0.989	Yes	Yes	332.888	327	0.347	Yes	Yes	66.88286	53	1.762	17.35417	17	0.004
313	Validation	Ipswich	157	Kesgrave A1214 Main Rd	EB	Jan-16	ATC	No	0307-3057	30307	30577	694	588	4.180	Yes	No	550.0658	495	2.419	Yes	Yes	110.5176	77	3.444	33.08333	16	3.463
314	Validation	Ipswich	157	Kesgrave A1214 Main Rd	WB	Jan-16	ATC	No	0577-3030	30577	30307	738	697	1.501	Yes	Yes	591.2149	599	0.302	Yes	Yes	118.7851	78	4.073	27.54167	20	1.455
315	Calibration	Ipswich	158	Kesgrave A12	NB	Jan-16	ATC	No	0111-3011	30111	30112	1330	1331	0.025	Yes	Yes	1039.848	1041	0.045	Yes	Yes	208.9231	208	0.083	81.35417	82	0.073
316	Calibration	Ipswich	158	Kesgrave A12	SB	Jan-16	ATC	No	0112-3011	30112	30111	1411	1404	0.174	Yes	Yes	1092.464	1084	0.247	Yes	Yes	219.4946	220	0.002	98.70833	100	0.162
317	Calibration	SEGWay	159	Leiston B1122 Abbey Rd	NB	Jan-16	ATC	No	7331-7335	7331	7335	182	222	2.801	Yes	Yes	143.7993	172	2.278	Yes	Yes	28.89172	38	1.601	9.489583	11	0.591
318	Calibration	SEGWay	159	Leiston B1122 Abbey Rd	SB	Jan-16	ATC	No	7335-7331	7335	7331	178	236	4.027	Yes	Yes	141.8152	178	2.845	Yes	Yes	28.4931	39	1.785	8.129167	20	3.123
319	Calibration	SEGWay	160	Leiston B1119 Saxmundham Rd	EB	Jan-16	ATC	No	5519-5514	5519	5514	107	114	0.623	Yes	Yes	85.44396	94	0.952	Yes	Yes	17.16715	17	0.008	4.520833	2	1.393
320	Calibration	SEGWay	160	Leiston B1119 Saxmundham Rd	WB	Jan-16	ATC	No	5514-5519	5514	5519	115	116	0.061	Yes	Yes	92.14602	94	0.241	Yes	Yes	18.5137	17	0.292	4.583333	4	0.208
321	Calibration	SEGWay	161	Leiston Aldeburgh Road	NB	Jan-16	ATC	No	3185-5521	3185	5521	169	123	3.854	Yes	Yes	135.2901	104	2.875	Yes	Yes	27.18209	14	3.003	6.652778	5	0.635
322	Calibration	SEGWay	161	Leiston Aldeburgh Road	SB	Jan-16	ATC	No	5521-3185	5521	3185	169	119	4.164	Yes	Yes	134.7119	96	3.596	Yes	Yes	27.06591	12	3.360	7.104167	11	1.195
323	Calibration	SEGWay	162	Leiston B1069 Leiston Rd	NB	Jan-16	ATC	No	3186-5952	3186	5952	164	129	2.948	Yes	Yes	128.8483	102	2.531	Yes	Yes	25.88782	23	0.661	9.513889	4	2.000
324	Calibration	SEGWay	162	Leiston B1069 Leiston Rd	SB	Jan-16	ATC	No	5952-3186	5952	3186	159	138	1.736	Yes	Yes	126.0206	109	1.557	Yes	Yes	25.31968	25	0.030	7.902778	4	1.713
325	Calibration	SEGWay	163	Saxmundham B1121 Main Rd	NB	Jan-16	ATC	No	5974-3327	5974	3327	84	40	5.532	No	Yes	65.12963	36	4.125	Yes	Yes	13.08565	4	3.027	5.576389	0	3.149
326	Calibration	SEGWay	163	Saxmundham B1121 Main Rd	SB	Jan-16	ATC	No	3327-5974	3327	5974	75	39	4.839	Yes	Yes	59.36436	33	3.945	Yes	Yes	11.92731	5	2.583	4.104167	2	1.414
327	Calibration	SEGWay	164	Saxmundham A12	NB	Jan-16	ATC	No	3194-5543	3194	5543	351	344	0.391	Yes	Yes	267.3131	256	0.669	Yes	Yes	53.70775	57	0.407	30.25	31	0.095
328	Calibration	SEGWay	164	Saxmundham A12	SB	Jan-16	ATC	No	5543-3194	5543	3194	362	337	1.320	Yes	Yes	274.1308	251	1.448	Yes	Yes	55.07754	55	0.075	32.6875	32	0.117
329	Calibration	SEGWay	165	Saxmundham B1119 Rendham Rd	EB	Jan-16	ATC	No	7329-3194	7329	3194	73	149	7.255	No	Yes	57.23057	120	6.657	No	Yes	11.4986	26	3.430	3.993056	3	0.655
330	Calibration	SEGWay	165	Saxmundham B1119 Rendham Rd	WB	Jan-16	ATC	No	3194-7329	3194	7329	73	144	6.816	No	Yes	58.31192	113	5.900	No	Yes	11.71586	26	3.201	3.298611	6	1.260
331	Calibration	SEGWay	166	Saxmundham B1121 South Entrance	NB	Jan-16	ATC	No	3181-3182	3181	3182	194	186	0.635	Yes	Yes	155.9861	153	0.218	Yes	Yes	31.34027	24	1.424	6.951389	8	0.521
332	Calibration	SEGWay	166	Saxmundham B1121 South Entrance	SB	Jan-16	ATC	No	3182-3181	3182	3181	188	160	2.082	Yes	Yes	151.3138	130	1.760	Yes	Yes	30.40151	20	2.043	6.069444	10	1.312
333	Calibration	SEGWay	167	Friston B1121 Saxmundham Rd	NB	Jan-16	ATC	No	5501-7350	5501	7350	40	49	1.354	Yes	Yes	32.05074	44	1.912	Yes	Yes	6.439539	4	1.029	1.6625	1	0.305
334	Calibration	SEGWay	167	Friston B1121 Saxmundham Rd	SB	Jan-16	ATC	No	7350-5501	7350	5501	45	46	0.160	Yes	Yes	36.15408	42	0.861	Yes	Yes	7.263971	3	1.914	1.220833	1	0.028
335	Validation	SEGWay	168	Snape B1069 Bridge Rd	NB	Jan-16	ATC	No	7346-7363	7346	7363	176	169	0.576	Yes	Yes	139.8468	127	1.102	Yes	Yes	28.09761	36	1.427	8.159722	5	1.127
336	Validation	SEGWay	168	Snape B1069 Bridge Rd	SB	Jan-16	ATC	No	7363-7346	7363	7346	175	164	0.820	Yes	Yes	139.0315	125	1.184	Yes	Yes	27.93379	35	1.189	7.902778	4	1.511
337	Calibration	SEGWay	169	Sudbourne B1084	EB	Jan-16	ATC	No	3166-5506	3166	5506	74	42	4.211	Yes	Yes	58.86127	36	3.295	Yes	Yes	11.82623	4	2.590	3.381944	1	1.282
338	Calibration	SEGWay	169	Sudbourne B1084	WB	Jan-16	ATC	No	5506-3166	5506	3166	72	53	2.325	Yes	Yes	56.81422	46	1.456	Yes	Yes	11.41494	5	2.078	3.444444	2	1.200
339	Calibration	SEGWay	170	Wickham Market Ash Road	EB	Jan-16	ATC	No	3173-5485	3173	5485	126	58	7.023	No	Yes	101.6931	49	6.027	No	Yes	20.43188	7	3.530	3.611111	2	1.141
340	Calibration	SEGWay	170	Wickham Market Ash Road	WB	Jan-16	ATC	No	5485-3173	5485	3173	101	67	3.735	Yes	Yes	80.22226	58	2.702	Yes	Yes	16.11802	7	2.714	4.472222	2	1.412
343	Calibration	SEGWay	172	Wickham Market B1078	EB	Jan-16	ATC	No	3152-7308	3152	7308	79	65	1.602	Yes	Yes	60.55558	53	0.999	Yes	Yes	12.16665	11	0.461	6.090278	2	2.307
344	Calibration	SEGWay	172	Wickham Market B1078	WB	Jan-16	ATC	No	7308-3152	7308	3152	81	56	3.044	Yes	Yes	64.49932	43	2.981	Yes	Yes	12.95901	10	0.836	3.354167	3	0.275
345	Calibration	SEGWay	173	Wickham Market B1438	NB	Jan-16	ATC	No	5771-5466	5771	5466	159	119	3.362	Yes	Yes	129.5191	96	3.202	Yes	Yes	26.02259	19	1.569	3.604167	5	0.807
346	Calibration	SEGWay	173	Wickham Market B1438	SB	Jan-16	ATC	No	5466-5771	5466	5771	148	149	0.083	Yes	Yes	119.0178	125	0.517	Yes	Yes	23.91271	21	0.532	5.270833	3	1.061
347	Calibration	SEGWay	174	Woodbridge A12	NB	Jan-16	ATC	No	3158-2995	3158	2995	633	584	1.998	Yes	Yes	483.3459	444	1.843	Yes	Yes	97.11242	94	0.360	52.89583	47	0.867
348	Calibration	SEGWay	174	Woodbridge A12	SB	Jan-16	ATC	No	2995-3158	2995	3158	693	654	1.507	Yes	Yes	522.3786	504	0.819	Yes	Yes	104.9548	97	0.764	65.66667	53	1.674
349	Calibration	SEGWay	175	Woodbridge A1152 Orford Road	EB	Jan-16	ATC	No	3163-5474	3163	5474	300	280	1.130	Yes	Yes	235.5145	226	0.625	Yes	Yes	47.31887	43	0.649	16.70833	11	1.440
350	Calibration	SEGWay	175	Woodbridge A1152 Orford Road	WB	Jan-16	ATC	No	5474-3163	5474	3163	291	341	2.804	Yes	Yes	228.0722	285	3.558	Yes	Yes	45.8236	45	0.163	17.58333	12	1.578
351	Calibration	SEGWay	176	Woodbridge Yarmouth Road	NB	Jan-16	ATC	No	1334-7374	1334	7374	214	174	2.858	Yes	Yes	170.726	139	2.536	Yes	Yes	34.30176	26	1.608	8.618056	9	0.192
352	Calibration	SEGWay	176	Woodbridge Yarmouth Road	SB	Jan-16	ATC	No	7374-1334	7374	1334	188	168	1.464	Yes	Yes	151.4757	136	1.331	Yes	Yes	30.43404	27	0.679	5.708333	6	0.022
353	Validation	SEGWay	177	Woodbridge A1152 Woods Lane	EB	Jan-16	ATC	No	5449-1335	5449	1335	464	428	1.716	Yes	Yes	365.2533	346	1.022	Yes	Yes	73.3856	64	1.137	25.4375	18	1.618
354	Validation	SEGWay	177	Woodbridge A1152 Woods Lane	WB	Jan-16	ATC	No	1335-5449	1335	5449	475	470	0.232	Yes	Yes	372.8979	379	0.312	Yes	Yes	74.92154	68	0.849	27.3125	23	0.780
355	Validation	SEGWay	178	Woodbridge Burkitt Road	EB	Jan-16	ATC	No	5446-6012	5446	6012	116	234	8.872	No	No	94.52846	198	8.573	No	No	18.99238	32	2.645	2.736111	3	0.123
356	Validation	SEGWay	178	Woodbridge Burkitt Road	WB	Jan-16	ATC	No	6012-5446	6012	5446	89	210	9.916	No	No	71.97046	183	9.823	No	No	14.46009	27	2.668	2.604167	4	0.690
357	Calibration		179	Woodbridge Ipswich Road	EB	Jan-16	ATC	No	50107-6014	50107	6014	509	259	12.712	No	No	415.377	233	10.126	No	No	83.45632	25	7.947	9.722222	1	3.496
358	Calibration		179	Woodbridge Ipswich Road	WB	Jan-16	ATC	No	6014-50107	6014	50107	430	190	13.611	No	No	350.1202	170	11.147	No	No	70.3451	18	7.974	9.215278	2	2.891
359	Calibration	SEGWay	180	Woodbridge Grundisburgh Road	EB	Jan-16	ATC	No	0054-5005	50054	50053	207	180	1.995	Yes	Yes	165.7067	135	2.517	Yes	Yes	33.2933	25	1.606	8.284722	20	3.124
360	Calibration	SEGWay	180	Woodbridge Grundisburgh Road	WB	Jan-16	ATC	No	0053-5005	50053	50054	269	365	5.402	No	Yes	216.4029	302	5.342	No	Yes	43.47903	46	0.443	9.111111	16	2.014
361	Calibration	SEGWay	181	Woodbridge B1083	NB	Jan-16	ATC	No	5946-3163	5946	3163	227	265	2.476	Yes	Yes	178.654	188	0.714	Yes	Yes	35.89463	56	2.960	12.04861	21	2.236
362	Calibration	SEGWay	181	Woodbridge B1083	SB	Jan-16	ATC	No	3163-5946	3163	5946	220	229	0.593	Yes	Yes	175.0919	170	0.368	Yes	Yes	35.17894	47	1.833	10.17361	12	0.595
363	Validation	SEGWay	182	Woodbridge Melton Road	NB	Jan-16	ATC	No	5452-1337	5452	1337	381	296	4.600	Yes	Yes	308.5836	255	3.216	Yes	Yes	61.9997	38	3.445	10.25694	4	2.385
364	Validation	SEGWay	182	Woodbridge Melton Road	SB	Jan-16	ATC	No	1337-5452	1337	5452	335	298	2.038	Yes	Yes	272.0722	259	0.795	Yes	Yes	54.66393	34	3.115	7.833333	5	1.004
367	Calibration		184	Yoxford A1120 Yoxford Rd	EB	Jan-16	ATC	No	5910-5534	5910	5534	102	101	0.180	Yes	Yes	79.91	80	0.010	Yes	Yes	16.05528	16	0.024	6.381944	5	0.772
368	Calibration		184	Yoxford A1120 Yoxford Rd	WB	Jan-16	ATC	No	5534-5910	5534	5910	99	99	0.014	Yes	Yes	76.56765	77	0.054	Yes	Yes	15.38374	15	0.104	7.222222	7	0.026
369	Validation	SEGWay	185	Yoxford A12 Main Rd	NB	Jan-16	ATC	No	7306-7307	7306	7307	385	406	1.062	Yes	Yes	291.7909	312	1.157	Yes	Yes	58.62576	63	0.570	34.75	31	0.593
370	Validation	SEGWay	185	Yoxford A12 Main Rd	SB	Jan-16	ATC	No	7307-7306	7307	7306	389	400	0.568	Yes	Yes	293.942	305	0.632	Yes	Yes	59.05796	62	0.367	35.97917	33	0.424
371	Calibration	Beccles	186	Beccles A146 Norwich Road	EB	Jan-16	ATC	No	2851-2850	2851	2850	669	667	0.071	Yes	Yes	514.3812	513	0.059	Yes	Yes	103.3479	103	0.074	51.5625	52	0.035
372	Calibration	Beccles	186	Beccles A146 Norwich Road	WB	Jan-16	ATC	No	2850-2851	2850	2851	686	685	0.030	Yes	Yes	523.7838	523	0.013	Yes	Yes	105.2371	105	0.052	56.64583	57	0.006
373	Calibration	Beccles	187	Beccles A145 George Westwood Way	NB	Jan-16	ATC	No	2839-2845	2839	2845	543	508	1.507	Yes	Yes	436.1424	420	0.770	Yes	Yes	87.62843	60	3.188	18.86111	28	1.825
374	Calibration	Beccles	187	Beccles A145 George Westwood Way	SB	Jan-16	ATC	No	2845-2839	2845	2839	489	513	1.077	Yes	Yes	393.6055	419	1.265	Yes	Yes	79.08204	68	1.341	16.19444	26	2.187
375	Calibration	Beccles	188	Beccles B1062 Bungay Road	EB	Jan-16	ATC	No	2862-2827	2862	2827	192	228	2.421	Yes	Yes	151.4294	182	2.349	Yes	Yes	30.42475	33	0.412	10.58333	13	0.713
376	Calibration	Beccles	188	Beccles B1062 Bungay Road	WB	Jan-16	ATC	No	2827-2862	2827	2862	185	203	1.324	Yes	Yes	145.0454	163	1.422	Yes	Yes	29.14209	30	0.108	10.83333	11	0.066
377	Calibration	Beccles	189	Beccles A145 London Road	NB	Jan-16	ATC	No	2861-5652	2861	5652	206	168	2.804	Yes	Yes	157.3855	130	2.254	Yes	Yes	31.62143	29	0.389	17.125	8	2.583
378	Calibration	Beccles	189	Beccles A145 London Road	SB	Jan-16	ATC	No	5652-2861	5652	2861	190	193	0.256	Yes	Yes	144.9182	152	0.567	Yes	Yes	29.11653	31	0.333	15.51389	10	1.442
379	Validation	Beccles	190	Beccles Lowestoft Road	EB	Jan-16	ATC	No	2813-2814	2813	2814	228	198	2.068	Yes	Yes	178.2608	169	0.725	Yes	Yes	35.81562	21	2.773	13.72222	8	1.772
380	Validation	Beccles	190	Beccles Lowestoft Road	WB	Jan-16	ATC	No	2814-2813	2814	2813	201	169	2.346	Yes	Yes	156.8593	147	0.823	Yes	Yes	31.5157	17	3.010	12.36111	5	2.336
381	Calibration	Beccles	191	Beccles A146	EB	Jan-16	ATC	No	2814-2815	2814	2815	614	637	0.934	Yes	Yes	470.0401	504	1.527	Yes	Yes	94.43906	94	0.049	49.39583	40	1.479
382	Calibration	Beccles	191	Beccles A146	WB	Jan-16	ATC	No	2815-2814	2815	2814	613	627	0.553	Yes	Yes	465.3041	495	1.361	Yes	Yes	93.48752	93	0.091	54.66667	39	2.212
383	Validation	Beccles	192	Beccles A145	NB	Jan-16	ATC	No	2824-2829	2824	2829	226	196	2.048	Yes	Yes	175.8957	150	1.999	Yes	Yes	35.34044	39	0.547	14.77778	7	2.278
385	Calibration	Beccles	193	Beccles B1127 Benacre Road	EB	Jan-16	ATC	No	2816-3993	2816	3993	165	166	0.004	Yes	Yes	126.674	127	0.031	Yes	Yes	25.45097	25	0.086	13.33333	13	0.038
386	Calibration	Beccles	193	Beccles B1127 Benacre Road	WB	Jan-16	ATC	No	3993-2816	3993	2816	161	160	0.063	Yes	Yes	121.3135	121	0.027	Yes	Yes	24.37396	24	0.099	14.8125	15	0.007
387	Calibration	Beccles	194	Beccles Copland Way	NB	Jan-16	ATC	No	3617-2815	3617	2815	211	200	0.744	Yes	Yes	152.5397	153	0.040	Yes	Yes	30.64782	31	0.036	27.40278	16	2.438
388	Calibration	Beccles	194	Beccles Copland Way	SB	Jan-16	ATC	No	2815-3617	2815	3617	217	217	0.018	Yes	Yes	168.9739	169	0.000	Yes	Yes	33.94973	34	0.010	13.70833	14	0.057
389	Calibration	Beccles	195	Beccles Bridge Street	EB	Jan-16	ATC	No	2852-2847	2852	2847	163	135	2.272	Yes	Yes	127.8421	98	2.824	Yes	Yes	25.68566	37	2.063	9.305556	0	4.314
390	Calibration	Beccles	195	Beccles Bridge Street	WB	Jan-16	ATC	No	2847-2852	2847	2852	170	181	0.886	Yes	Yes	137.979	128	0.834	Yes	Yes	27.72234	53	3.996	4.041667	0	2.843
391	Calibration	Waveney	196	Bungay A144 Broad Street	NB	Jan-16	ATC	No	5686-3237	5686	3237	115	108	0.632	Yes	Yes	84.53031	85	0.051	Yes	Yes	16.98358	17	0.004	13.26389	6	2.299
392	Calibration	Waveney	196	Bungay A144 Broad Street	SB	Jan-16	ATC	No	3237-5686	3237	5686	304	304	0.012	Yes	Yes	239.649	240	0.032	Yes	Yes	48.14957	48	0.029	15.79167	16	0.021
393	Calibration	Waveney	197	Bungay Beccles Road	EB	Jan-16	ATC	No	4593-3234	4593	3234	102	103	0.015	Yes	Yes	80.9393	81	0.006	Yes	Yes	16.26208	16	0.068	5.152778	6	0.162
394	Calibration	Waveney	197	Bungay Beccles Road	WB	Jan-16	ATC	No	3234-4593	3234	4593	76	75	0.112	Yes	Yes	61.91449	62	0.011	Yes	Yes	12.43968	12	0.163	1.506944	1	0.432
395	Calibration	Waveney	198	Bungay Flixton Road	NB	Jan-16	ATC	No	3236-4601	3236	4601	69	69	0.030	Yes	Yes	55.33965	55	0.046	Yes	Yes	11.11868	11	0.042	2.826389	3	0.132
396	Calibration	Waveney	198	Bungay Flixton Road	SB	Jan-16	ATC	No	4601-3236	4601	3236	39	38	0.105	Yes	Yes	31.28396	31	0.049	Yes	Yes	6.285481	6	0.115	0.958333	1	0.093

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
397	Calibration	Waveney	199	Bungay A144 St John's Road	NB	Jan-16	ATC	No	3235-5698	3235	5698	267	180	5.829	No	Yes	209.9033	136	5.628	No	Yes	42.17314	29	2.228	15.13194	15	0.032
398	Calibration	Waveney	199	Bungay A144 St John's Road	SB	Jan-16	ATC	No	5698-3235	5698	3235	245	245	0.037	Yes	Yes	196.9271	197	0.007	Yes	Yes	39.566	40	0.069	8.229167	8	0.013
399	Calibration	Waveney	200	Bungay Flixton Road	EB	Jan-16	ATC	No	3242-3236	3242	3236	129	121	0.787	Yes	Yes	97.15377	97	0.019	Yes	Yes	19.51985	17	0.663	12.65278	7	1.854
400	Calibration	Waveney	200	Bungay Flixton Road	WB	Jan-16	ATC	No	3236-3242	3236	3242	120	120	0.000	Yes	Yes	91.52728	92	0.049	Yes	Yes	18.38939	18	0.094	10.46528	10	0.024
401	Calibration	Waveney	201	Bungay Watch House Hill	EB	Jan-16	ATC	No	4550-3995	4550	3995	185	184	0.032	Yes	Yes	145.9012	146	0.007	Yes	Yes	29.31404	29	0.060	9.340278	9	0.060
402	Calibration	Waveney	201	Bungay Watch House Hill	WB	Jan-16	ATC	No	3995-4550	3995	4550	170	170	0.017	Yes	Yes	133.0696	133	0.008	Yes	Yes	26.73595	27	0.057	9.965278	10	0.004
403	Validation	Waveney	202	Bungay A144	EB	Jan-16	ATC	No	3985-5784	3985	5784	167	247	5.543	No	Yes	124.3032	197	5.705	No	Yes	24.97462	41	2.813	18.0625	9	2.335
404	Validation	Waveney	202	Bungay A144	WB	Jan-16	ATC	No	5784-3985	5784	3985	181	191	0.759	Yes	Yes	136.5797	144	0.657	Yes	Yes	27.44118	31	0.660	16.53472	16	0.255
405	Calibration	Waveney	203	Halesworth A144	NB	Jan-16	ATC	No	4535-3983	4535	3983	194	160	2.560	Yes	Yes	142.9521	118	2.183	Yes	Yes	28.72151	28	0.171	22.13194	14	1.928
406	Calibration	Waveney	203	Halesworth A144	SB	Jan-16	ATC	No	3983-4535	3983	4535	179	190	0.810	Yes	Yes	135.2439	148	1.058	Yes	Yes	27.1728	33	1.144	17.04861	9	2.172
407	Calibration	Waveney	204	Halesworth B1123 Holton Road	EB	Jan-16	ATC	No	5580-3220	5580	3220	175	175	0.013	Yes	Yes	140.7027	141	0.026	Yes	Yes	28.26956	28	0.060	5.888889	6	0.077
408	Calibration	Waveney	204	Halesworth B1123 Holton Road	WB	Jan-16	ATC	No	3220-5580	3220	5580	176	176	0.008	Yes	Yes	140.7836	141	0.019	Yes	Yes	28.28583	28	0.061	7.201389	7	0.075
409	Calibration	Waveney	205	Halesworth Walpole Road	NB	Jan-16	ATC	No	5416-5576	5416	5576	81	81	0.027	Yes	Yes	63.85745	64	0.004	Yes	Yes	12.83005	13	0.045	3.868056	4	0.027
410	Calibration	Waveney	205	Halesworth Walpole Road	SB	Jan-16	ATC	No	5576-5416	5576	5416	78	78	0.069	Yes	Yes	61.23214	61	0.030	Yes	Yes	12.30258	12	0.090	4.868056	5	0.031
411	Validation	Waveney	206	Halesworth A144 Bramfield Road	NB	Jan-16	ATC	No	5858-5578	5858	5578	160	139	1.696	Yes	Yes	121.9207	103	1.767	Yes	Yes	24.49595	27	0.501	13.54861	9	1.352
412	Validation	Waveney	206	Halesworth A144 Bramfield Road	SB	Jan-16	ATC	No	5578-5858	5578	5858	149	150	0.070	Yes	Yes	112.2753	107	0.504	Yes	Yes	22.55802	28	1.122	14.02083	15	0.128
413	Calibration	Waveney	207	Kessingland B1437 London Road	NB	Jan-16	ATC	No	6316-4501	6316	4501	168	82	7.705	No	Yes	131.7165	81	4.926	Yes	Yes	26.46408	1	6.852	10.08333	0	4.427
414	Validation	Waveney	207	Kessingland B1437 London Road	SB	Jan-16	ATC	No	4501-6316	4501	6316	190	112	6.333	No	Yes	150.244	110	3.574	Yes	Yes	30.18657	2	6.905	9.291667	0	4.245
415	Calibration	Waveney	208	Southwold A1095 Mights Road	NB	Jan-16	ATC	No	4574-5657	4574	5657	368	353	0.797	Yes	Yes	296.1741	296	0.012	Yes	Yes	59.50643	45	2.041	12.36111	12	0.057
416	Calibration	Waveney	208	Southwold A1095 Mights Road	SB	Jan-16	ATC	No	5657-4574	5657	4574	352	342	0.552	Yes	Yes	283.1806	283	0.012	Yes	Yes	56.8958	47	1.408	12.13194	12	0.016
417	Calibration	Waveney	209	Southwold B1126 Wangford Road	EB	Jan-16	ATC	No	4569-5408	4569	5408	61	61	0.007	Yes	Yes	47.59095	48	0.059	Yes	Yes	9.561831	10	0.140	3.444444	3	0.521
418	Calibration	Waveney	209	Southwold B1126 Wangford Road	WB	Jan-16	ATC	No	5408-4569	5408	4569	67	66	0.174	Yes	Yes	53.27526	53	0.038	Yes	Yes	10.70391	11	0.090	3.284722	2	0.897
419	Calibration	Waveney	210	Southwold A1095 Halesworth Road	EB	Jan-16	ATC	No	4568-4572	4568	4572	182	86	8.277	No	Yes	145.3288	72	7.019	No	Yes	29.19902	11	4.120	7.541667	3	1.826
420	Calibration	Waveney	210	Southwold A1095 Halesworth Road	WB	Jan-16	ATC	No	4572-4568	4572	4568	195	81	9.714	No	No	154.3843	68	8.154	No	Yes	31.01844	10	4.531	10.06944	2	3.033
421	Calibration	Waveney	211	Southwold B1127 Lowestoft Road	NB	Jan-16	ATC	No	4610-3228	4610	3228	139	249	7.900	No	No	112.0151	197	6.870	No	Yes	22.50574	38	2.885	4.6875	13	2.898
422	Calibration	Waveney	211	Southwold B1127 Lowestoft Road	SB	Jan-16	ATC	No	3228-4610	3228	4610	136	244	7.885	No	No	107.7822	192	6.849	No	Yes	21.65528	40	3.322	6.166667	13	2.094
423	Calibration	Waveney	212	Wangford A12	NB	Jan-16	ATC	No	3223-3233	3223	3233	264	285	1.272	Yes	Yes	203.525	216	0.887	Yes	Yes	40.89164	46	0.743	19.6875	23	0.721
424	Calibration	Waveney	212	Wangford A12	SB	Jan-16	ATC	No	3233-3223	3233	3223	272	273	0.095	Yes	Yes	206.9079	203	0.295	Yes	Yes	41.57131	42	0.066	23.08333	28	1.054
427	Calibration		214	Stratford St Mary B1029	EB	Jan-16	ATC	No	3673-3120	3673	3120	61	62	0.075	Yes	Yes	48.79373	49	0.052	Yes	Yes	9.803491	10	0.081	2.645833	3	0.023
428	Calibration		214	Stratford St Mary B1029	WB	Jan-16	ATC	No	3120-3673	3120	3673	147	146	0.091	Yes	Yes	115.2765	114	0.077	Yes	Yes	23.14101	23	0.069	8.770833	9	0.017
429	Calibration		215	RAF Mildenhall A1101	EB	Jan-16	ATC	No	3802-1350	3802	1350	431	380	2.551	Yes	Yes	344.0773	312	1.748	Yes	Yes	69.131	51	2.331	17.98611	16	0.393
430	Calibration		215	RAF Mildenhall A1101	WB	Jan-16	ATC	No	1350-3802	1350	3802	231	222	0.620	Yes	Yes	182.4936	179	0.238	Yes	Yes	36.66608	31	0.887	12.22222	11	0.279
433	Calibration		217	Lackford A1101	NB	Jan-16	ATC	No	2231-5924	2231	5924	154	160	0.446	Yes	Yes	119.9546	120	0.004	Yes	Yes	24.10093	30	1.087	10.17361	10	0.000
434	Calibration		217	Lackford A1101	SB	Jan-16	ATC	No	5924-2231	5924	2231	141	165	1.952	Yes	Yes	105.8624	121	1.443	Yes	Yes	21.26956	30	1.695	13.71528	14	0.052
435	Calibration		218	Moulton B1506	EB	Jan-16	ATC	No	2534-3311	2534	3311	175	175	0.018	Yes	Yes	138.7794	139	0.015	Yes	Yes	27.88314	28	0.026	7.906944	8	0.030
436	Calibration		218	Moulton B1506	WB	Jan-16	ATC	No	3311-2534	3311	2534	191	186	0.393	Yes	Yes	153.4441	153	0.067	Yes	Yes	30.82953	27	0.809	7.018056	7	0.095
437	Validation	Newmarket	219	Newmarket B1061 Dullingham Road	NB	Jan-16	ATC	No	5850-2468	5850	2468	155	87	6.159	No	Yes	116.7337	67	5.165	No	Yes	23.45379	9	3.552	14.4375	11	1.078
438	Validation	Newmarket	219	Newmarket B1061 Dullingham Road	SB	Jan-16	ATC	No	2468-5850	2468	5850	157	126	2.556	Yes	Yes	125.8356	97	2.692	Yes	Yes	25.2825	21	0.832	5.652778	8	0.788
439	Calibration		220	Scole A140 Scole Bridge	NB	Jan-16	ATC	No	3245-3247	3245	3247	468	526	2.594	Yes	Yes	339.1852	379	2.101	Yes	Yes	68.14809	84	1.820	60.45833	63	0.270
440	Calibration		220	Scole A140 Scole Bridge	SB	Jan-16	ATC	No	3247-3245	3247	3245	443	510	3.072	Yes	Yes	315.9738	370	2.913	Yes	Yes	63.48452	76	1.454	63.5625	65	0.123
441	Validation	SEGWay	221	Wickham Market B1078	EB	Jan-16	ATC	No	5945-3169	5945	3169	34	38	0.665	Yes	Yes	26.17791	33	1.188	Yes	Yes	5.259588	4	0.415	2.1875	1	1.316
442	Validation	SEGWay	221	Wickham Market B1078	WB	Jan-16	ATC	No	3169-5945	3169	5945	35	46	1.835	Yes	Yes	26.82267	41	2.465	Yes	Yes	5.389132	4	0.582	2.427083	1	1.094
443	Calibration		222	Stutton Holbrook Road	EB	Jan-16	ATC	No	3105-3663	3105	3663	79	43	4.560	Yes	Yes	62.43493	31	4.526	Yes	Yes	12.54424	9	1.176	3.569444	3	0.395
444	Calibration		222	Stutton Holbrook Road	WB	Jan-16	ATC	No	3663-3105	3663	3105	81	40	5.255	No	Yes	63.98467	30	5.013	No	Yes	12.85561	9	1.170	3.993056	1	1.639
449	Calibration	Sudbury	05.05	Sudbury Cats Lane	NB	Jan-16	ATC	No	2665-2667	2665	2667	152	139	1.076	Yes	Yes	123.2912	123	0.026	Yes	Yes	24.7713	14	2.395	3.729167	2	1.292
450	Calibration	Sudbury	05.05	Sudbury Cats Lane	SB	Jan-16	ATC	No	2667-2665	2667	2665	111	79	3.270	Yes	Yes	89.9891	70	2.187	Yes	Yes	18.08034	6	3.536	2.625	3	0.007
453	Calibration	Sudbury	226	Sudbury Acton Lane	NB	Jan-16	ATC	No	3530-5830	3530	5830	64	10	8.746	No	Yes	51.62721	9	7.632	No	Yes	10.37279	1	4.160	1.680556	0	1.295
454	Calibration	Sudbury	226	Sudbury Acton Lane	SB	Jan-16	ATC	No	5830-3530	5830	3530	58	8	8.657	No	Yes	47.16303	7	7.665	No	Yes	9.475856	1	3.821	1.277778	0	1.338
455	Calibration	Sudbury	227	Sudbury Valley Road	NB	Jan-16	ATC	No	5834-3546	5834	3546	134	134	0.020	Yes	Yes	108.372	108	0.039	Yes	Yes	21.77379	22	0.074	4.104167	4	0.089
456	Calibration	Sudbury	227	Sudbury Valley Road	SB	Jan-16	ATC	No	3546-5834	3546	5834	115	116	0.032	Yes	Yes	92.65489	93	0.017	Yes	Yes	18.61594	19	0.084	4.125	4	0.090
457	Calibration	Sudbury	228	Sudbury Melford Road	NB	Jan-16	ATC	No	5830-5829	5830	5829	122	124	0.164	Yes	Yes	94.75398	95	0.029	Yes	Yes	19.03769	19	0.026	8.354167	10	0.472
458	Calibration	Sudbury	228	Sudbury Melford Road	SB	Jan-16	ATC	No	5829-5830	5829	5830	124	123	0.062	Yes	Yes	96.41937	96	0.042	Yes	Yes	19.37229	19	0.083	7.770833	8	0.031
459	Validation	Sudbury	229	Newton A134	EB	Jan-16	ATC	No	5834-2787	5834	2787	460	528	3.046	Yes	Yes	354.6422	389	1.794	Yes	Yes	71.25365	106	3.658	34.20833	33	0.224
460	Validation	Sudbury	229	Newton A134	WB	Jan-16	ATC	No	2787-5834	2787	5834	450	520	3.172	Yes	Yes	346.5407	381	1.798	Yes	Yes	69.62593	102	3.484	33.8125	37	0.555
462	Calibration	A14	0	MIDAS site at A14/1439A priority 1 on link 106033	EB	Jan-16	TRADS	No	2206-2085	2206	2085	1404	1403	0.029	Yes	Yes	899.2569	923	0.801	Yes	Yes	134.0972	115	1.685	370.5486	364	0.336
468	Calibration	A14	0	A14 TMU Site 6301/1 on link A14 J43 westbound exi	WB	Jan-16	TRADS	No	2090-2089	2090	2089	568	576	0.335	Yes	Yes	454.3472	454	0.024	Yes	Yes	85.48611	59	3.378	78.3125	64	1.738
469	Calibration	A14	0	A14 TMU Site 6302/1 on link A14 J43 eastbound exi	EB	Jan-16	TRADS	No	2085-2086	2085	2086	375	317	3.135	Yes	Yes	286.1528	193	5.999	No	Yes	21.35417	55	5.487	67.41667	68	0.075
470	Calibration	A14	0	A14 TMU Site 6302/2 on link A14 eastbound within J4	EB	Jan-16	TRADS	No	2092-2091	2092	2091	1033	1086	1.631	Yes	Yes	678.6458	730	1.940	Yes	Yes	59.65278	60	0.038	294.7778	296	0.076
471	Calibration	A14	0	MIDAS site at A14/1469L priority 1 on link 106035	WB	Jan-16	TRADS	No	2104-2101	2104	2101	376	357	1.016	Yes	Yes	320.5556	321	0.006	Yes	Yes	24.56944	25	0.078	30.82639	11	4.370
473	Calibration	A14	0	A14 TMU Site 6299/2 on link A14 westbound within J4	WB	Jan-16	TRADS	No	2104-2105	2104	2105	962	992	0.950	Yes	Yes	629.3646	652	0.895	Yes	Yes	76.53125	76	0.079	256.0938	264	0.479
474	Calibration	A14	0	A14 TMU Site 6300/1 on link A14 J44 eastbound exi	EB	Jan-16	TRADS	No	2096-2098	2096	2098	583	603	0.847	Yes	Yes	485.5069	483	0.134	Yes	Yes	37.21528	66	4.056	60.04861	54	0.743
475	Calibration	A14	0	A14 TMU Site 6300/2 on link A14 eastbound within J4	EB	Jan-16	TRADS	No	2096-2106	2096	2106	1059	1038	0.652	Yes	Yes	654.5486	652	0.090	Yes	Yes	75.34028	77	0.243	329.5208	309	1.172
476	Calibration	A14	0	A14 TMU Site 6303/1 on link A14 J42 westbound exi	WB	Jan-16	TRADS	No	2203-2196	2203	2196	272	205	4.355	Yes	Yes	239.7431	185	3.749	Yes	Yes	15.15972	15	0.119	17.27083	5	3.632
477	Calibration	A14	0	A14 TMU Site 6303/2 on link A14 westbound within J4	WB	Jan-16	TRADS	No	2203-2201	2203	2201	1075	1057	0.549	Yes	Yes	717.6667	688	1.102	Yes	Yes	77.66667	78	0.062	279.2361	290	0.638
478	Calibration	A14	0	A14 TMU Site 6304/1 on link A14 J42 eastbound exi	EB	Jan-16	TRADS	No	2192-2194	2192	2194	368	410	2.134	Yes	Yes	313.9514	315	0.053	Yes	Yes	22.61806	64	6.275	31.32639	31	0.023
479	Calibration	A14	0	A14 TMU Site 6304/2 on link A14 eastbound within J4	EB	Jan-16	TRADS	No	2192-2202	2192	2202	1158	1155	0.065	Yes	Yes	719.5625	720	0.007	Yes	Yes	85.15972	85	0.009	352.8681	351	0.124
480	Calibration	A14	0	MIDAS site at A14/1241A priority 1 on link 106026	EB	Jan-16	TRADS	No	2520-2525	2520	2525	2295	2283	0.254	Yes	Yes	1538.854	1534	0.128	Yes	Yes	206.8125	207	0.012	549.3333	542	0.312
481	Calibration	A14	0	MIDAS site at A14/1254A priority 1 on link 106031	EB	Jan-16	TRADS	No	2526-2536	2526	2536	1110	1137	0.799	Yes	Yes	693.8403	694	0.016	Yes	Yes	79.0625	94	1.650	337.1875	348	0.593
483	Calibration	A14	0	MIDAS site at A14/1254J priority 1 on link 106026	NB	Jan-15	TRADS	No	2526-2530	2526	2530	1077	1146	2.063	Yes	Yes	839.5318	840	0.002	Yes	Yes	45.71928	113	7.514	191.9534	194	0.137
484	Calibration	A14	0	MIDAS site at A14/1218L priority 1 on link 106027	WB	Jan-16	TRADS	No	2508-2506	2508	2506	324	343	1.037	Yes	Yes	231.4097	237	0.345	Yes	Yes	35.57639	47	1.821	56.96528	59	0.254
485	Calibration	A14	0	MIDAS site at A14/1255B priority 1 on link 106026	WB	Jan-16	TRADS	No	2527-2523	2527	2523	1009	1071	1.927	Yes	Yes	664.9931	690	0.974	Yes	Yes	77.97222	78	0.005	265.7431	302	2.180
486	Calibration	A14	0	MIDAS site at A14/1241B priority 1 on link 106027	WB	Jan-16	TRADS	No	2524-2521	2524	2521	2202	2153	1.053	Yes	Yes	1552.076	1505	1.201	Yes	Yes	176.8681	178	0.083	473.4722	470	0.151
487	Calibration	A14	0	A14 TMU Site 9942/1 on link A14 J49 eastbound exi	EB	Jan-15	TRADS	No	2363-2364	2363	2364	201	239	2.496	Yes	Yes	169.7176	182	0.901	Yes	Yes	13.201	36	4.620	18.5654	21	0.481
488	Calibration	A14	0	A14 TMU Site 9942/2 on link A14 eastbound within J4	EB	Jan-15	TRADS	No	2367-2370	2367	2370	1003	1004	0.043	Yes	Yes	626.5212	627	0.010	Yes	Yes	89.14958	89	0.019	286.9197	288	0.075
489	Calibration	A14	0	A14 TMU Site 6295/1 on link A14 J51 westbound exi	WB	Jan-16	TRADS	No	5752-5754	5752	5754	555	553	0.121	Yes	Yes	405.8194	407	0.039	Yes	Yes	48.54861	55	0.876	101.0764	91	1.015
490	Calibration	A14	0	A14 TMU Site 6296/1 on link A14 J51 eastbound exi	EB	Jan-15	TRADS	No	5761-5757	5761	5757	160	140	1.638	Yes	Yes	116.535	117	0.041	Yes	Yes	15.25829	15	0.069	28.18565	8	4.760
491	Calibration	A14	0	MIDAS site at A14/1800A priority 1 on link 106045	EB	Jan-16	TRADS	No	0087-5001	50087	50010	1664	1748	2.040	Yes	Yes	1126.715	1120	0.191	Yes	Yes	128.2708	204	5.863	408.5278	424	0.741
519	Calibration	A14	0	A14 TMU Site 6285/1 on link A14 J58 eastbound exi	EB	Jan-16	TRADS	No	0090-3077	30090	30771	795	750	1.588	Yes	Yes	645.1389	533	4.626	Yes	No	56.125	135	8.087	93.25694	82	1.171
523	Calibration	A14	0	MIDAS site at A14/2057A priority 1 on link 199136	EB	Jan-16	TRADS	No	2957-2954	2957	2954	1150	1191	1.174	Yes	Yes	725.9931	688	1.416	Yes	Yes	80.42361	151	6.537	344.0556	352	0.406
524	Calibration	A14	0	MIDAS site at A14/2068L priority 1 on link 199136	WB	Jan-16	TRADS	No	2943-2947	2943	2947	164	158	0.481	Yes	Yes	155.2986	152	0.240	Yes	Yes	6.361111	6	0.162	2.736111	0	2.339
525	Calibration	A14	0	MIDAS site at A14/2060L priority 1 on link 199136	EB	Jan-16	TRADS	No	2954-2951	2954	2951	137	121	1.427	Yes	Yes	116.2014	110	0.570	Yes	Yes	11.49306	11	0.141	9.694444	0	4.403
526	Calibration	A14	0	MIDAS site at A14/2070B priority 1 on link 199135	WB	Jan-16	TRADS	No	2946-2943	2946	2943	1073	1147	2.237	Yes	Yes	786.1736	800	0.503	Yes	Yes	55	101	5.194	231.6319	246	0.939
527	Calibration	A14	0	MIDAS site at A14/2087B priority 1 on link 106050	WB	Jan-16	TRADS	No	2895-2915	2895	2915	685	694	0.365	Yes	Yes	414.9444	421	0.315	Yes	Yes	48.20833	48	0.072	221.75	225	0.244
529	Calibration	A14	0	MIDAS site at A14/2098A priority 1 on link 106051	EB	Jan-16	TRADS	No	2889-2971	2889	2971	258	256	0.166	Yes	Yes	147.5347	142	0.426	Yes	Yes	16.81944	17	0.049	93.8125	96	0.232
530	Calibration	A14	0	MIDAS site at A14/2102B priority 1 on link 106051	WB	Jan-16	TRADS	No	2903-2970	2903	2970	305	319	0.792	Yes	Yes	196.25	199	0.196	Yes	Yes	17.41667	23	1.277	91.69444	97	0.565
531	Calibration	A14	0	MIDAS site at A14/1449B priority 1 on link 106033	WB	Jan-16	TRADS	No	2240-2090	2240	2090	1491	1474	0.432	Yes	Yes	1087.653	1061	0.821	Yes	Yes	102.3472	102	0.033	300.7292	311	0.605
532	Calibration	A11	0	6320/1 on link A11 northbound between A134 and	NB	Jan-16	TRADS	No	3271-3267	3271	3267	1120	1083	1.129	Yes	Yes	836.1528	836	0.022	Yes	Yes	84.73611	85	0.018	199.1319	162	2.754
533	Calibration	A11	0	6321/1 on link A11 southbound between A134/A10	SB	Jan-16	TRADS	No	3267-3271	3267	3271	1152	1057	2.856	Yes	Yes	848.7986	820	0.987	Yes	Yes	87.32639	87	0.040	215.5	149	4.886
534	Calibration	A11	0	Site 6360/1 on link A11 northbound between A1075	NB	Jan-16	TRADS	No	3266-1003	3266	1003	919	921	0.077	Yes	Yes	703.6597	703	0.016	Yes	Yes	73.0625	73	0.006	142.3333	145	0.236
535	Calibration	A11	0	Site 6499/1 on link A11 southbound between B111 a	SB	Jan-16	TRADS	No	1003-3266	1003	3266	947	926	0.687	Yes	Yes	724.2569	700	0.903	Yes	Yes	71.64583	72	0.037	151.2014	154	0.224
538	Calibration	A12	0	6276/3 on link A12 northbound access from	NB	Jan-16	TRADS	No	3110-3111	3110	3111	168	167	0.140	Yes	Yes	138.5625	140	0.096	Yes	Yes	15.72222	16	0.075	14.1875	11	0.914
542	Calibration	A12	0	Site 6338/1 on link A12 southbound between B1370	SB	Jan-16	TRADS	No	5981-6330	5981	6330	953	968	0.485	Yes	Yes	852.2708	830	0.779	Yes	Yes	55.125	110	6.021	45.83333	29	2.788

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
543	Calibration	A12	0	Site 6339/2 on link A12 northbound between B1375	NB	Jan-16	TRADS	No	6330-5981	6330	5981	968	977	0.296	Yes	Yes	860	842	0.632	Yes	Yes	59.75	108	5.233	48.3125	28	3.268
544	Calibration	Lowestoft	0	Site 6339/1 on link A12 southbound between B1375	SB	Jan-16	TRADS	No	10257-6230	10257	6230	467	533	2.962	Yes	Yes	416.5972	445	1.380	Yes	Yes	25.4375	71	6.543	25.07639	17	1.694
545	Calibration	Lowestoft	0	Site 6339/2 on link A12 northbound between A1117	NB	Jan-16	TRADS	No	6230-10257	6230	10257	447	493	2.117	Yes	Yes	399.6806	412	0.596	Yes	Yes	24.08333	69	6.592	22.90278	12	2.640
548	Calibration	Lowestoft	1	Mutfordwood Lane	EB	Jan-15	ATC	No	4567-5070	4567	5070	20	42	3.830	Yes	Yes	17.06219	38	3.947	Yes	Yes	2.662609	4	0.612	0.543158	0	0.823
549	Calibration	Lowestoft	1	Mutfordwood Lane	WB	Jan-15	ATC	No	5070-4567	5070	4567	18	49	5.459	No	Yes	14.7698	45	5.597	No	Yes	2.304875	3	0.664	0.470182	0	0.630
550	Calibration	Lowestoft	2	Rushmere Road	EB	Jan-15	ATC	No	4566-5000	4566	5000	50	0	10.037	No	Yes	42.40705	0	9.209	No	Yes	6.617755	0	3.638	1.349985	0	1.643
551	Calibration	Lowestoft	2	Rushmere Road	WB	Jan-15	ATC	No	5000-4566	5000	4566	52	0	10.183	No	Yes	43.64809	0	9.343	No	Yes	6.811423	0	3.691	1.389493	0	1.667
552	Calibration	Lowestoft	3	Gisleham Road	NB	Jan-15	ATC	No	9600-5010	9600	5010	20	59	6.298	No	Yes	16.65373	58	6.756	No	Yes	2.598868	1	1.174	0.530155	0	0.054
553	Calibration	Lowestoft	3	Gisleham Road	SB	Jan-15	ATC	No	5010-9600	5010	9600	23	33	1.909	Yes	Yes	18.97628	32	2.542	Yes	Yes	2.961309	0	1.933	0.604091	0	0.386
554	Calibration	Lowestoft	4	A146 Beccles Road	EB	Jan-15	ATC	No	4512-2000	4512	2000	591	695	4.123	Yes	No	497.3071	573	3.291	Yes	Yes	77.60635	96	1.963	15.83126	26	2.215
555	Calibration	Lowestoft	4	A146 Beccles Road	WB	Jan-15	ATC	No	2000-4512	2000	4512	590	706	4.573	Yes	No	496.3217	585	3.825	Yes	Yes	77.45259	97	2.056	15.7999	24	1.850
556	Validation	Lowestoft	5	A1145 Castleton Avenue	EB	Jan-15	ATC	No	5110-5060	5110	5060	307	343	2.003	Yes	Yes	258.7	270	0.681	Yes	Yes	40.37096	58	2.534	8.235453	16	2.111
557	Validation	Lowestoft	5	A1145 Castleton Avenue	WB	Jan-15	ATC	No	5060-5110	5060	5110	323	368	2.414	Yes	Yes	272.0812	283	0.680	Yes	Yes	42.45914	64	2.924	8.661429	21	3.185
558	Calibration	Lowestoft	6	A12 London Road	NB	Jan-15	ATC	No	5390-1000	5390	1000	645	543	4.171	Yes	No	542.6219	446	4.337	Yes	Yes	84.67787	74	1.184	17.27382	23	1.201
559	Calibration	Lowestoft	6	A12 London Road	SB	Jan-15	ATC	No	1000-5390	1000	5390	666	573	3.715	Yes	Yes	560.532	473	3.861	Yes	Yes	87.4728	75	1.364	17.84397	25	1.630
560	Calibration	Lowestoft	7	London Road South	NEB	Jan-15	ATC	No	9606-1040	9606	1040	386	341	2.361	Yes	Yes	325.3016	291	1.945	Yes	Yes	50.76434	45	0.793	10.35564	5	1.951
561	Calibration	Lowestoft	7	London Road South	SWB	Jan-15	ATC	No	1040-9606	1040	9606	409	449	1.933	Yes	Yes	344.5975	385	2.115	Yes	Yes	53.77553	57	0.472	10.96991	7	1.281
562	Calibration	Lowestoft	8	A12 Tom Crisp Way	NEB	Jan-15	ATC	No	3000-6314	3000	6314	491	552	2.651	Yes	Yes	413.4196	446	1.583	Yes	Yes	64.51545	83	2.173	13.16079	22	2.152
563	Calibration	Lowestoft	8	A12 Tom Crisp Way	SWB	Jan-15	ATC	No	6314-3000	6314	3000	493	539	2.001	Yes	Yes	415.2006	433	0.859	Yes	Yes	64.79338	77	1.480	13.21749	29	3.348
564	Calibration	Lowestoft	9	A1117 Elm Tree Road	NB	Jan-15	ATC	No	3030-3040	3030	3040	384	474	4.377	Yes	Yes	322.9321	389	3.505	Yes	Yes	50.39458	70	2.472	10.28022	16	1.491
565	Calibration	Lowestoft	9	A1117 Elm Tree Road	SB	Jan-15	ATC	No	3040-3030	3040	3030	406	446	1.924	Yes	Yes	341.7275	351	0.483	Yes	Yes	53.32767	79	3.167	10.87855	16	1.351
566	Calibration	Lowestoft	10	A146 Beccles Road	NEB	Jan-15	ATC	No	6406-6404	6406	6404	418	409	0.434	Yes	Yes	351.8603	355	0.184	Yes	Yes	54.90893	42	1.832	11.20112	12	0.139
567	Calibration	Lowestoft	10	A146 Beccles Road	SWB	Jan-15	ATC	No	6404-6406	6404	6406	400	361	2.037	Yes	Yes	337.0042	322	0.804	Yes	Yes	52.59058	33	2.940	10.72819	5	2.105
568	Calibration	Lowestoft	11	Kirkley Run	NWB	Jan-15	ATC	No	6398-5270	6398	5270	133	133	0.016	Yes	Yes	111.7765	112	0.037	Yes	Yes	17.44307	17	0.066	3.55829	4	0.033
569	Calibration	Lowestoft	11	Kirkley Run	SEB	Jan-15	ATC	No	5270-6398	5270	6398	110	109	0.085	Yes	Yes	92.40931	92	0.068	Yes	Yes	14.42077	14	0.122	2.941756	3	0.125
570	Calibration	Lowestoft	12	A146 Waveney Drive	EB	Jan-15	ATC	No	4613-4010	4613	4010	259	247	0.709	Yes	Yes	217.682	218	0.005	Yes	Yes	33.96997	23	2.159	6.929686	7	0.045
571	Calibration	Lowestoft	12	A146 Waveney Drive	WB	Jan-15	ATC	No	4010-4613	4010	4613	267	293	1.560	Yes	Yes	224.4924	259	2.216	Yes	Yes	35.03276	26	1.546	7.146488	7	0.078
574	Calibration	Lowestoft	15	Katwijk Way	NB	Jan-15	ATC	No	6040-6431	6040	6431	324	193	8.169	No	No	272.6163	167	7.155	No	No	42.54265	22	3.675	8.678464	4	1.731
575	Calibration	Lowestoft	15	Katwijk Way	SB	Jan-15	ATC	No	6431-6040	6431	6040	205	325	7.380	No	No	172.6663	263	6.150	No	Yes	26.94512	52	3.975	5.496656	10	1.587
576	Calibration	Lowestoft	16	A12 Battery Green Road	NB	Jan-15	ATC	No	6160-6150	6160	6150	467	388	3.788	Yes	Yes	392.7295	315	4.114	Yes	Yes	61.28669	61	0.006	12.50314	12	0.275
577	Calibration	Lowestoft	16	A12 Battery Green Road	SB	Jan-15	ATC	No	6150-6160	6150	6160	612	527	3.548	Yes	Yes	515.0209	443	3.286	Yes	Yes	80.37065	67	1.556	16.39517	17	0.149
578	Calibration	Lowestoft	17	A12 Old Nelson Street	NB	Jan-15	ATC	No	6140-6130	6140	6130	441	444	0.125	Yes	Yes	371.5082	374	0.113	Yes	Yes	57.97503	58	0.058	11.82659	12	0.001
579	Calibration	Lowestoft	17	A12 Old Nelson Street	SB	Jan-15	ATC	No	6130-6140	6130	6140	475	479	0.161	Yes	Yes	399.9594	404	0.203	Yes	Yes	62.41494	62	0.068	12.7323	13	0.004
580	Calibration	Lowestoft	18	St Peter's Street	EB	Jan-15	ATC	No	6070-6075	6070	6075	648	555	3.758	Yes	Yes	545.231	490	2.445	Yes	Yes	85.08503	54	3.741	17.35687	12	1.406
581	Calibration	Lowestoft	18	St Peter's Street	WB	Jan-15	ATC	No	6075-6070	6075	6070	447	444	0.167	Yes	Yes	376.3409	373	0.196	Yes	Yes	58.7292	59	0.009	11.98043	12	0.058
582	Calibration	Lowestoft	19	Denmark Road	EB	Jan-15	ATC	No	7200-10139	7200	10139	238	240	0.133	Yes	Yes	200.1029	202	0.146	Yes	Yes	31.22669	31	0.041	6.370071	7	0.085
583	Calibration	Lowestoft	19	Denmark Road	WB	Jan-15	ATC	No	10139-7200	10139	7200	339	341	0.086	Yes	Yes	285.6501	286	0.048	Yes	Yes	44.57661	45	0.038	9.09338	10	0.169
584	Calibration	Lowestoft	20	Rotterdam Road	NEB	Jan-15	ATC	No	7210-9130	7210	9130	146	125	1.836	Yes	Yes	123.1342	97	2.514	Yes	Yes	19.21549	22	0.562	3.919852	6	1.077
585	Calibration	Lowestoft	20	Rotterdam Road	SWB	Jan-15	ATC	No	9130-7210	9130	7210	141	113	2.443	Yes	Yes	118.2956	88	2.945	Yes	Yes	18.4604	20	0.409	3.765819	4	0.314
586	Calibration	Lowestoft	21	Peto Way	NB	Jan-15	ATC	No	10190-7060	10190	7060	447	528	3.689	Yes	Yes	376.0379	475	4.809	Yes	Yes	58.68191	43	2.150	11.97079	10	0.737
587	Calibration	Lowestoft	21	Peto Way	SB	Jan-15	ATC	No	7060-10190	7060	10190	551	412	6.334	No	No	464.1443	370	4.592	Yes	Yes	72.43119	32	5.528	14.77556	10	1.498
588	Calibration	Lowestoft	22	A1117 Normanston Drive	NEB	Jan-15	ATC	No	7050-7060	7050	7060	643	795	5.684	No	No	540.9991	662	4.922	Yes	No	84.42464	111	2.721	17.22216	22	1.077
589	Calibration	Lowestoft	22	A1117 Normanston Drive	SWB	Jan-15	ATC	No	7060-7050	7060	7050	652	775	4.593	Yes	No	549.0225	649	4.089	Yes	No	85.67671	106	2.113	17.47757	19	0.444
590	Calibration	Lowestoft	23	A1144 Normanston Drive	EB	Jan-15	ATC	No	9240-9130	9240	9130	282	283	0.069	Yes	Yes	237.6625	239	0.096	Yes	Yes	37.08799	37	0.024	7.565743	7	0.064
591	Calibration	Lowestoft	23	A1144 Normanston Drive	WB	Jan-15	ATC	No	9130-9240	9130	9240	276	271	0.279	Yes	Yes	232.3136	228	0.256	Yes	Yes	36.25327	36	0.071	7.395467	7	0.116
592	Calibration	Lowestoft	24	Oulton Road	EB	Jan-15	ATC	No	9270-6309	9270	6309	326	323	0.140	Yes	Yes	274.3052	272	0.151	Yes	Yes	42.8062	43	0.002	8.732227	9	0.015
593	Calibration	Lowestoft	24	Oulton Road	WB	Jan-15	ATC	No	6309-9270	6309	9270	271	271	0.026	Yes	Yes	228.1318	227	0.079	Yes	Yes	35.60069	37	0.188	7.262344	7	0.135
594	Calibration	Lowestoft	25	B1375 Gorleston Road	NB	Jan-15	ATC	No	8030-8040	8030	8040	447	452	0.250	Yes	Yes	376.0197	374	0.114	Yes	Yes	58.67907	65	0.826	11.97021	13	0.285
595	Calibration	Lowestoft	25	B1375 Gorleston Road	SB	Jan-15	ATC	No	8040-8030	8040	8030	474	476	0.065	Yes	Yes	399.1246	399	0.023	Yes	Yes	62.28466	66	0.479	12.70572	11	0.576
596	Calibration	Lowestoft	26	A1117 Millennium Way	NB	Jan-15	ATC	No	7070-7080	7070	7080	440	430	0.488	Yes	Yes	370.2452	362	0.408	Yes	Yes	57.77795	55	0.307	11.78638	12	0.018
597	Calibration	Lowestoft	26	A1117 Millennium Way	SB	Jan-15	ATC	No	7080-7070	7080	7070	393	389	0.185	Yes	Yes	330.9633	327	0.227	Yes	Yes	51.64787	52	0.046	10.53588	11	0.042
598	Calibration	Lowestoft	27	A12 Yarmouth Road	NWB	Jan-15	ATC	No	0242-10248	10242	10248	510	503	0.283	Yes	Yes	428.9913	424	0.241	Yes	Yes	66.94545	67	0.001	13.6565	12	0.384
599	Calibration	Lowestoft	27	A12 Yarmouth Road	SEB	Jan-15	ATC	No	0248-10242	10248	10242	512	501	0.473	Yes	Yes	430.8368	421	0.481	Yes	Yes	67.23345	67	0.086	13.71525	14	0.002
600	Validation	Lowestoft	28	B1385 Corton Road	NB	Jan-15	ATC	No	9460-9480	9460	9480	88	66	2.544	Yes	Yes	74.05765	55	2.419	Yes	Yes	11.55693	10	0.465	2.35755	1	1.052
601	Validation	Lowestoft	28	B1385 Corton Road	SB	Jan-15	ATC	No	9480-9460	9480	9460	99	69	3.283	Yes	Yes	83.10266	59	2.837	Yes	Yes	12.99846	9	1.186	2.661614	0	1.742
604	Validation	Lowestoft	30	B1375 Parkhill	NB	Jan-15	ATC	No	6300-8070	6300	8070	264	278	0.833	Yes	Yes	222.527	229	0.415	Yes	Yes	34.72605	40	0.803	7.083922	10	0.898
605	Validation	Lowestoft	30	B1375 Parkhill	SB	Jan-15	ATC	No	8070-6300	8070	6300	194	250	3.757	Yes	Yes	163.2735	205	3.059	Yes	Yes	25.47935	38	2.283	5.197647	7	0.646
606	Calibration	Lowestoft	31	B1074 Bluderston Road	NB	Jan-15	ATC	No	6324-9440	6324	9440	117	186	5.649	No	Yes	98.25087	155	5.025	No	Yes	15.33236	26	2.432	3.127717	5	0.934
607	Calibration	Lowestoft	31	B1074 Bluderston Road	SB	Jan-15	ATC	No	9440-6324	9440	6324	102	160	5.124	No	Yes	85.45925	133	4.517	Yes	Yes	13.33619	23	2.288	2.720509	4	0.888
608	Calibration	Lowestoft	32	Fixton Road	NB	Jan-15	ATC	No	4563-5656	4563	5656	49	16	5.769	No	Yes	41.44728	13	5.399	No	Yes	6.46798	3	1.588	1.319432	0	1.624
609	Calibration	Lowestoft	32	Fixton Road	SB	Jan-15	ATC	No	5656-4563	5656	4563	71	18	8.086	No	Yes	60.15168	16	7.130	No	Yes	9.386861	1	3.625	1.914868	0	1.518
610	Calibration	Lowestoft	33	Coast Road	NB	Jan-15	ATC	No	9510-6326	9510	6326	63	1	10.897	No	Yes	52.76143	1	10.116	No	Yes	8.2373	0	3.942	1.680364	0	1.217
611	Calibration	Lowestoft	33	Coast Road	SB	Jan-15	ATC	No	6326-9510	6326	9510	60	0	10.855	No	Yes	50.54545	0	9.942	No	Yes	7.891333	0	3.973	1.609788	0	1.794
620	Calibration	Lowestoft	29	Asda Car Park	Entry	Jan-15	ANPR	No	4000-6381	4000	6381	355	354	0.039	Yes	Yes	298.6939	298	0.055	Yes	Yes	46.61213	47	0.027	9.508617	10	0.010
621	Calibration	Lowestoft	29	Asda Car Park	Exit	Jan-15	ANPR	No	6381-4000	6381	4000	357	358	0.015	Yes	Yes	300.8053	300	0.045	Yes	Yes	46.94163	47	0.002	9.575832	11	0.341
626	Validation	Ipswich	3	Hawthorn Drive	EB	Jan-15	ATC	No	0174-30173	30174	30173	219	89	10.453	No	No	165.942	79	7.876	No	Yes	32.83105	8	5.603	20.44303	3	5.123
627	Validation	Ipswich	3	Hawthorn Drive	WB	Jan-15	ATC	No	0173-30174	30173	30174	194	116	6.248	No	Yes	164.0535	107	4.875	Yes	Yes	13.71532	8	1.828	16.3924	1	5.068
628	Validation	Ipswich	4	Anglesea Road	EB	Jan-15	ATC	No	0085-20030	20085	20030	157	142	1.291	Yes	Yes	143.3003	130	1.140	Yes	Yes	10.41507	10	0.064	3.734176	1	1.404
629	Validation	Ipswich	4	Anglesea Road	WB	Jan-15	ATC	No	0030-20085	20030	20085	156	141	1.189	Yes	Yes	145.0643	124	1.793	Yes	Yes	8.229192	9	0.355	2.63713	8	2.290
637	Calibration	Ipswich	9	Belvedere Road	NB	Jan-15	ATC	No	0055-20337	20055	20337	83	42	5.105	No	Yes	72.84347	41	4.275	Yes	Yes	7.371985	2	2.756	2.320674	0	2.118
638	Calibration	Ipswich	9	Belvedere Road	SB	Jan-15	ATC	No	0337-20055	20337	20055	42	6	7.362	No	Yes	35.13504	5	6.578	No	Yes	5.593279	1	2.838	1.603375	0	1.769
639	Calibration	Ipswich	10	Brunswick Road	NB	Jan-15	ATC	No	0056-20052	20056	20052	52	89	4.410	Yes	Yes	45.5116	82	4.605	Yes	Yes	5.400407	7	0.631	1.392405	0	1.446
640	Calibration	Ipswich	10	Brunswick Road	SB	Jan-15	ATC	No	0052-20056	20052	20056	55	100	5.119	No	Yes	32.37488	95	7.839	No	Yes	20.50869	5	4.255	2.405063	0	1.795
643	Calibration	Ipswich	12	Sidegate Lane	NB	Jan-15	ATC	No	0057-20053	20057	20053	173	177	0.351	Yes	Yes	150.6054	159	0.646	Yes	Yes	15.02256	15	0.120	7.046411	3	1.706
644	Calibration	Ipswich	12	Sidegate Lane	SB	Jan-15	ATC	No	0053-20057	20053	20057	168	152	1.258	Yes	Yes	138.2366	131	0.648	Yes	Yes	22.716	19	0.798	6.666665	2	2.282
651	Calibration	Ipswich	16	Adelaide Road	NB	Jan-15	ATC	No	0644-30644	30644	30645	42	41	0.107	Yes	Yes	37.37638	37	0.068	Yes	Yes	3.107377	3	0.061	1.033755	1	0.168
652	Calibration	Ipswich	16	Adelaide Road	SB	Jan-15	ATC	No	0645-30644	30645	30644	39	40	0.106	Yes	Yes	35.5501	36	0.065	Yes	Yes	2.807355	3	0.107	0.78059	1	0.103
653	Calibration	Ipswich	17	Gleneagles Drive	EB	Jan-15	ATC	No	0646-30647	30646	30647	57	57	0.041	Yes	Yes	53.4808	53	0.080	Yes	Yes	2.550192	3	0.276	1.054852	1	0.189
654	Calibration	Ipswich	17	Gleneagles Drive	WB	Jan-15	ATC	No	0647-30646	30647	30646	48	47	0.096	Yes	Yes	43.49855	43	0.088	Yes	Yes	3.214528	3	0.133	1.160337	1	0.134
655	Calibration	Ipswich	18	Penshurst Road	EB	Jan-15	ATC	No	0274-30648	30274	30648	59	56	0.400	Yes	Yes	52.7752	53	0.024	Yes	Yes	3.085947	3	0.044	3.481017	0	2.269
656	Calibration	Ipswich	18	Penshurst Road	WB	Jan-15	ATC	No	0648-30274	30648	30274	36	35	0.131	Yes	Yes	31.37873	31	0.079	Yes	Yes	3.578841	4	0.206	1.244725	0	0.803
657	Calibration	Ipswich	19	Ashdown Way	EB	Jan-15	ATC	No	0273-30655	30273	30655	145	145	0.054	Yes	Yes	131.4503	131	0.051	Yes	Yes	10.11505	10	0.024	3.902952	4	0.001
658	Calibration	Ipswich	19	Ashdown Way	WB	Jan-15	ATC	No	0655-30273	30655	30273	176	175	0.005	Yes	Yes	150.3979	150	0.029	Yes	Yes	18.66569	19	0.056	6.476791	7	0.021
659	Calibration	Ipswich	21	Grove Hill	NB	Jan-15	ATC	No	0223-30203	30223	30203	59	26	5.166	No	Yes	52.0625	23	4.728	Yes	Yes	5.65757	2	2.004	1.751054	1	0.761
660	Calibration	Ipswich	21	Grove Hill	SB	Jan-15	ATC	No	0203-30223	30203	30223	47	7	7.715	No	Yes	40.79618	6	7.179	No	Yes	4.58606	1	2.562	1.160337	0	1.200
661	Calibration	Ipswich	22	Crane Hill	NB	Jan-15	ATC	No	0158-30381	30158	30381	429	432	0.155	Yes	Yes	357.099	366	0.442	Yes	Yes	44.46764	40	0.651	27.34176	26	0.183
662	Calibration	Ipswich	22	Crane Hill	SB	Jan-15	ATC	No	0381-30158	30381	30158	460	473	0.563	Yes	Yes	390.4285	402	0.564	Yes	Yes	38.63863	39	0.114	31.3291	32	0.041
663	Calibration	Ipswich	23	Birkfield Drive	NB	Jan-15	ATC	No	0709-70297	30709	70297	104	103	0.134	Yes	Yes	94.73802	94	0.064	Yes	Yes	7.093392	7	0.031	2.552742	2	0.447
664	Calibration	Ipswich	23	Birkfield Drive	SB	Jan-15	ATC	No	0297-30709	70297	30709	115	120	0.486	Yes	Yes	103.6204	109	0.498	Yes	Yes	8.614936	9	0.130	2.784809	3	0.148
667	Calibration	Ipswich	25	Norwich Road	NB	Jan-15	ATC	No	0138-30137	30138	30137	657	716	2.232	Yes	Yes	577.3934	660	3.313	Yes	Yes	46.54637	56	1.283	33.10126	0	8.136
668	Calibration	Ipswich	25	Norwich Road	SB	Jan-15	ATC	No	0137-30138	30137	30138	616	695	3.082	Yes	Yes	544.313	643	4.059	Yes	Yes	44.9391	52	1.016	27.0675	0	7.358
669	Calibration	Ipswich	26	Bramford Road	EB	Jan-15	ATC	No	0142-30449	30142	30449	449	356	4.649	Yes	Yes	389.4947	326	3.341	Yes	Yes	36.40989	30	1.152	23.45991	0	6.850

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
670	Calibration	Ipswich	26	Bramford Road	WB	Jan-15	ATC	No	0449-30140	30449	30142	432	344	4.478	Yes	Yes	364.8399	310	3.012	Yes	Yes	47.55359	34	2.041	19.83122	0	6.298
671	Calibration	Ipswich	27	A1214 Yarmouth Road	NB	Jan-15	ATC	No	0080-20024	20080	20024	646	647	0.029	Yes	Yes	570.1921	575	0.209	Yes	Yes	50.76812	50	0.053	24.83122	21	0.813
672	Calibration	Ipswich	27	A1214 Yarmouth Road	SB	Jan-15	ATC	No	0024-20080	20024	20080	606	613	0.263	Yes	Yes	533.4383	540	0.264	Yes	Yes	49.61089	50	0.090	22.97468	23	0.052
673	Calibration	Ipswich	28	A1071 Handford Road	EB	Jan-15	ATC	No	0312-20010	20312	20016	376	255	6.805	No	No	329.9954	224	6.397	No	No	31.93098	24	1.480	13.96624	7	2.024
674	Calibration	Ipswich	28	A1071 Handford Road	WB	Jan-15	ATC	No	0016-20312	20016	20312	395	241	8.680	No	No	352.1598	205	8.791	No	No	30.30229	31	0.180	12.99578	4	3.095
675	Calibration	Ipswich	29	B1067 Bramford Road	NWB	Jan-15	ATC	No	0427-20025	30427	20025	249	244	0.321	Yes	Yes	220.8963	216	0.327	Yes	Yes	17.037	17	0.026	11.32911	11	0.032
676	Calibration	Ipswich	29	B1067 Bramford Road	SEB	Jan-15	ATC	No	0025-30427	20025	30427	215	215	0.011	Yes	Yes	185.7612	186	0.015	Yes	Yes	18.02279	18	0.005	10.82278	11	0.004
677	Calibration	Ipswich	30	A1156 Norwich Road	NB	Jan-15	ATC	No	0028-20026	20028	20026	444	440	0.170	Yes	Yes	391.3832	388	0.179	Yes	Yes	30.60231	34	0.676	21.94092	18	0.870
678	Calibration	Ipswich	30	A1156 Norwich Road	SB	Jan-15	ATC	No	0026-20028	20026	20028	415	474	2.819	Yes	Yes	366.77	422	2.773	Yes	Yes	33.19536	37	0.696	14.64135	15	0.061
679	Calibration	Ipswich	31	Valley Road	EB	Jan-15	ATC	No	0027-70320	20027	70320	494	499	0.244	Yes	Yes	431.7065	433	0.049	Yes	Yes	41.40312	41	0.103	20.63291	26	1.056
680	Calibration	Ipswich	31	Valley Road	WB	Jan-15	ATC	No	0320-20027	70320	20027	552	559	0.309	Yes	Yes	476.4502	481	0.229	Yes	Yes	48.8394	50	0.234	26.49788	27	0.119
681	Calibration	Ipswich	32	Henley Road	NB	Jan-15	ATC	No	0334-30370	30334	30370	299	171	8.303	No	No	268.2134	158	7.589	No	No	21.21589	9	3.227	9.135018	5	1.527
682	Calibration	Ipswich	32	Henley Road	SB	Jan-15	ATC	No	0370-30334	30370	30334	280	185	6.241	No	Yes	249.1828	165	5.828	No	Yes	21.92308	10	3.008	9.029533	10	0.240
683	Validation	Ipswich	33	Valley Road	EB	Jan-15	ATC	No	0264-20047	20264	20047	692	787	3.507	Yes	Yes	602.4425	711	4.220	Yes	No	62.08326	56	0.729	27.25738	20	1.469
684	Validation	Ipswich	33	Valley Road	WB	Jan-15	ATC	No	0047-20264	20047	20264	748	892	5.021	No	No	667.3997	807	5.152	No	No	54.0898	67	1.669	26.75105	18	1.930
685	Calibration	Ipswich	34	Westerfield Road	NB	Jan-15	ATC	No	0045-20046	20045	20046	233	82	12.078	No	No	75.37535	75	0.047	Yes	Yes	6.129034	6	0.044	151.9198	1	17.292
686	Calibration	Ipswich	34	Westerfield Road	SB	Jan-15	ATC	No	0046-20045	20046	20045	227	152	5.424	No	Yes	129.0014	127	0.204	Yes	Yes	89.62105	25	8.495	8.523204	0	3.786
687	Calibration	Ipswich	35	B1077 Westerfield Road	NB	Jan-15	ATC	No	0807-30333	30807	30333	114	129	1.327	Yes	Yes	96.19383	102	0.631	Yes	Yes	12.02234	17	1.355	5.991559	9	1.150
688	Calibration	Ipswich	35	B1077 Westerfield Road	SB	Jan-15	ATC	No	0333-30807	30333	30807	130	171	3.352	Yes	Yes	107.1856	137	2.699	Yes	Yes	15.66547	28	2.695	7.046411	6	0.530
689	Calibration	Ipswich	36	Colchester Road	EB	Jan-15	ATC	No	0252-20277	20252	20277	653	652	0.048	Yes	Yes	576.4388	575	0.051	Yes	Yes	56.0828	56	0.008	20.50632	20	0.017
690	Calibration	Ipswich	36	Colchester Road	WB	Jan-15	ATC	No	0277-20252	20277	20252	677	681	0.154	Yes	Yes	593.3941	597	0.161	Yes	Yes	59.21161	59	0.016	24.78902	25	0.040
691	Calibration	Ipswich	37	A1214 Woodbridge Road	EB	Jan-15	ATC	No	0298-30301	30298	30301	641	617	0.938	Yes	Yes	564.6903	558	0.296	Yes	Yes	48.53938	51	0.345	27.34176	8	4.482
692	Calibration	Ipswich	37	A1214 Woodbridge Road	WB	Jan-15	ATC	No	0301-30298	30301	30298	683	674	0.342	Yes	Yes	605.7375	599	0.275	Yes	Yes	46.39636	64	2.359	30.42193	11	4.338
693	Calibration	Ipswich	38	A1189 Heath Road	NB	Jan-15	ATC	No	0646-30293	30646	30293	784	779	0.184	Yes	Yes	705.793	706	0.014	Yes	Yes	52.43967	52	0.044	26.24472	21	1.072
694	Calibration	Ipswich	38	A1189 Heath Road	SB	Jan-15	ATC	No	0293-30646	30293	30646	753	736	0.607	Yes	Yes	663.2491	663	0.010	Yes	Yes	60.36884	60	0.049	29.07172	13	3.464
695	Calibration	Ipswich	39	Foxhall Road	EB	Jan-15	ATC	No	0372-30394	30372	30394	377	232	8.265	No	No	335.719	217	7.127	No	No	28.41643	12	3.583	12.46835	3	3.448
696	Calibration	Ipswich	39	Foxhall Road	WB	Jan-15	ATC	No	0394-30372	30394	30372	380	192	11.080	No	No	339.6193	180	9.883	No	No	27.85924	7	4.968	12.38396	5	2.480
697	Calibration	Ipswich	Jn 1	1 Ransomes Way - Nacton Road from Ransomes W		Jan-15	MCC	No	0238-30237	30238	30237	720	718	0.077	Yes	Yes	619.7298	617	0.117	Yes	Yes	73.54841	73	0.015	26.32911	27	0.189
698	Calibration	Ipswich	Jn 1	1 Ransomes Way - Nacton Road from Bluestem Ro		Jan-15	MCC	No	0777-30237	30777	30237	223	223	0.021	Yes	Yes	140.0836	140	0.032	Yes	Yes	61.71894	62	0.022	21.26582	22	0.110
700	Calibration	Ipswich	Jn 1	Ransomes Way - Nacton Road from Ravenwood Ave		Jan-15	MCC	No	0664-30237	30664	30237	424	425	0.007	Yes	Yes	385.7591	385	0.025	Yes	Yes	33.55967	34	0.066	5.06329	5	0.119
701	Calibration	Ipswich	Jn 1	1 Ransomes Way - Nacton Road from Nacton Roa		Jan-15	MCC	No	0434-30237	30434	30237	717	660	2.165	Yes	Yes	557.2214	557	0.005	Yes	Yes	106.7223	102	0.417	52.65821	0	10.262
702	Calibration	Ipswich	Jn 2	nsomes Way N - Ransomes Way S from Ransomes		Jan-15	MCC	No	0256-30238	30256	30238	762	764	0.072	Yes	Yes	669.2883	671	0.063	Yes	Yes	69.94813	70	0.024	22.7848	23	0.030
704	Calibration	Ipswich	Jn 2	ansomes Way N - Ransomes Way S from Central A		Jan-15	MCC	No	0665-30238	30665	30238	233	233	0.004	Yes	Yes	193.2531	193	0.029	Yes	Yes	26.87346	27	0.034	12.53164	13	0.083
705	Calibration	Ipswich	Jn 2	nsomes Way N - Ransomes Way S from Ransomes		Jan-15	MCC	No	0237-30238	30237	30238	688	712	0.925	Yes	Yes	586.9814	606	0.792	Yes	Yes	73.67699	79	0.600	27.34176	27	0.022
707	Calibration	Ipswich	Jn 3	3 Felixstowe Road - Ransomes Way from Murrils Rd		Jan-15	MCC	No	0492-30256	30492	30256	470	464	0.260	Yes	Yes	441.7574	441	0.042	Yes	Yes	26.10197	22	0.943	1.898734	2	0.095
708	Calibration	Ipswich	Jn 3	elixstowe Road - Ransomes Way from Felixstowe R		Jan-15	MCC	No	0496-30256	30496	30256	382	386	0.209	Yes	Yes	330.6298	329	0.065	Yes	Yes	44.48907	47	0.403	7.088605	10	0.883
711	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road from Rands Way		Jan-15	MCC	No	0249-30241	30249	30241	173	200	1.985	Yes	Yes	146.9321	153	0.503	Yes	Yes	23.78751	27	0.664	2.151898	20	5.318
713	Calibration	Ipswich	Jn 4	n 4 Rands Way - Nacton Road from Landseer Road		Jan-15	MCC	No	0432-30241	30432	30241	380	360	1.050	Yes	Yes	293.4907	294	0.043	Yes	Yes	56.31853	46	1.404	30.6329	20	2.168
714	Calibration	Ipswich	Jn 4	n 4 Rands Way - Nacton Road from Nacton Road W		Jan-15	MCC	No	0436-30241	30436	30241	367	371	0.205	Yes	Yes	318.6435	322	0.192	Yes	Yes	44.74623	45	0.097	4.050632	4	0.076
715	Calibration	Ipswich	Jn 5	n 5 Bixley Road - Felixstowe Road from Bixley Roa		Jan-15	MCC	No	0309-30253	70309	30253	1010	1011	0.023	Yes	Yes	909.3604	906	0.107	Yes	Yes	90.26395	90	0.024	10.75949	15	1.053
716	Calibration	Ipswich	Jn 5	Bixley Road - Felixstowe Road from Bucklesham R		Jan-15	MCC	No	0657-30253	30657	30253	115	115	0.047	Yes	Yes	97.37366	97	0.080	Yes	Yes	15.6869	16	0.066	2.151898	2	0.009
718	Calibration	Ipswich	Jn 5	Bixley Road - Felixstowe Road from Felixstowe Roa		Jan-15	MCC	No	0251-30253	30251	30253	581	656	3.009	Yes	Yes	504.3009	592	3.766	Yes	Yes	67.50509	41	3.615	9.367086	23	3.314
719	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road from Heath Road		Jan-15	MCC	No	0311-30275	70311	30275	773	751	0.816	Yes	Yes	700.2935	676	0.914	Yes	Yes	63.00475	62	0.174	9.746832	13	0.849
720	Validation	Ipswich	Jn 6	n 6 Heath Road - Bixley Road from Foxhall Road E		Jan-15	MCC	No	0443-30275	30443	30275	398	152	14.818	No	No	346.7847	141	13.203	No	No	45.77488	4	8.300	5.443036	7	0.732
721	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road from Bixley Road		Jan-15	MCC	No	0310-30275	70310	30275	840	677	5.928	No	No	742.3808	610	5.074	No	No	86.14936	55	3.763	11.77215	12	0.071
722	Validation	Ipswich	Jn 6	n 6 Heath Road - Bixley Road from Foxhall Road W		Jan-15	MCC	No	0652-30275	30652	30275	380	241	7.854	No	No	340.8078	223	7.020	No	No	35.48839	17	3.506	3.544303	1	1.670
723	Calibration	Ipswich	Jn 7	oodbridge Road - Heath Road from Woodbridge Rd		Jan-15	MCC	No	0254-30296	20254	30296	762	760	0.060	Yes	Yes	677.2575	678	0.019	Yes	Yes	74.31989	71	0.337	9.999997	11	0.230
724	Calibration	Ipswich	Jn 7	7 Woodbridge Road - Heath Road from Heath Roa		Jan-15	MCC	No	0815-30296	30815	30296	861	870	0.290	Yes	Yes	771.1446	771	0.017	Yes	Yes	81.13469	81	0.001	9.113921	18	2.438
728	Calibration	Ipswich	Jn 8	odbridge Road - Colchester Road from Woodbridge		Jan-15	MCC	No	0278-30294	20278	30294	499	443	2.561	Yes	Yes	442.1661	390	2.546	Yes	Yes	45.26056	38	1.116	11.26582	15	0.989
729	Calibration	Ipswich	Jn 8	oodbridge Road - Colchester Road from Colchester		Jan-15	MCC	No	0253-30295	20253	30295	768	759	0.326	Yes	Yes	700.0444	688	0.442	Yes	Yes	62.74759	49	1.868	4.810125	21	4.581
731	Calibration	Ipswich	Jn 9	auldwell Hall Road - St John's Road from Freehold		Jan-15	MCC	No	0340-20280	20340	20280	86	85	0.091	Yes	Yes	77.20163	77	0.033	Yes	Yes	6.8148	7	0.067	2.151898	1	0.546
733	Calibration	Ipswich	Jn 9	ldwell Hall Road - St John's Road from Marlboroug		Jan-15	MCC	No	0281-20280	20281	20280	12	12	0.034	Yes	Yes	10.21054	10	0.082	Yes	Yes	1.800136	2	0.145	0.253164	0	0.310
735	Calibration	Ipswich	Jn 10	uldwell Hall Road - Foxhall Road from Cauldwell H		Jan-15	MCC	No	0280-20077	20280	20077	220	219	0.083	Yes	Yes	188.1478	187	0.079	Yes	Yes	30.08798	30	0.022	1.772151	2	0.025
736	Calibration	Ipswich	Jn 10	Cauldwell Hall Road - Foxhall Road from Foxhall R		Jan-15	MCC	No	0441-20077	30441	20077	293	297	0.203	Yes	Yes	255.637	255	0.022	Yes	Yes	33.43109	37	0.670	4.050632	4	0.069
737	Calibration	Ipswich	Jn 10	Cauldwell Hall Road - Foxhall Road from Derby R		Jan-15	MCC	No	0197-20077	70197	20077	232	213	1.337	Yes	Yes	195.619	182	1.007	Yes	Yes	33.30251	27	1.113	3.544303	4	0.002
739	Calibration	Ipswich	Jn 11	11 Felixstowe Road - Bishops Hill from Rosehill Ro		Jan-15	MCC	No	0144-30245	70144	30245	16	15	0.187	Yes	Yes	13.69706	13	0.105	Yes	Yes	2.31446	2	0.300	0	0	0.406
740	Calibration	Ipswich	Jn 11	1 Felixstowe Road - Bishops Hill from Felixstowe R		Jan-15	MCC	No	0438-30245	30438	30245	259	258	0.031	Yes	Yes	222.8886	230	0.503	Yes	Yes	31.50238	27	0.758	4.177214	0	2.671
742	Calibration	Ipswich	Jn 11	11 Felixstowe Road - Bishops Hill from Bishops Hi		Jan-15	MCC	No	0001-30245	60001	30245	478	480	0.083	Yes	Yes	414.5229	417	0.138	Yes	Yes	57.09002	57	0.041	6.582276	6	0.275
743	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road from Duke Street		Jan-15	MCC	No	0093-30226	70093	30226	346	345	0.077	Yes	Yes	266.9682	266	0.060	Yes	Yes	51.17529	52	0.109	28.35442	27	0.234
744	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road from Myrtle Road		Jan-15	MCC	No	0135-30226	70135	30226	44	15	5.299	No	Yes	25.02827	12	3.163	Yes	Yes	12.85811	1	4.731	5.696201	3	1.393
746	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road from Cliff Road		Jan-15	MCC	No	0094-30226	70094	30226	57	40	2.411	Yes	Yes	33.12199	32	0.145	Yes	Yes	7.200543	7	0.098	16.45569	1	5.343
748	Calibration	Ipswich	Jn 13	n 13 Back Hamlet - Fore Hamlet from Fore Hamlet E		Jan-15	MCC	No	0760-20072	30760	20072	375	476	4.883	Yes	No	324.8694	431	5.463	No	No	44.48907	45	0.054	5.822783	0	3.413
749	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet from Duke Street		Jan-15	MCC	No	0001-20072	70001	20072	375	368	0.327	Yes	Yes	296.2301	276	1.226	Yes	Yes	57.34718	59	0.217	21.13923	34	2.433
755	Calibration	Ipswich	Jn 15	n 15 Hawes Street - Vernon Street from Felaw Stree		Jan-15	MCC	No	0063-30215	70063	30215	29	30	0.110	Yes	Yes	25.65086	26	0.061	Yes	Yes	3.214528	3	0.122	0.379747	1	0.633
756	Calibration	Ipswich	Jn 15	n 15 Hawes Street - Vernon Street from Mather Way		Jan-15	MCC	No	0068-30215	70068	30215	15	16	0.215	Yes	Yes	14.31966	14	0.088	Yes	Yes	0.514325	1	0.558	0	1	1.168
758	Calibration	Ipswich	Jn 15	15 Hawes Street - Vernon Street from Vernon Stree		Jan-15	MCC	No	0019-30215	70019	30215	463	457	0.299	Yes	Yes	379.6577	385	0.253	Yes	Yes	55.1613	57	0.206	28.22784	15	2.763
759	Validation	Ipswich	Jn 16	16 Hawes Street - Station Street from Hawes Street		Jan-15	MCC	No	0215-30216	30215	30216	456	449	0.348	Yes	Yes	378.288	378	0.010	Yes	Yes	58.37583	57	0.151	19.49366	13	1.599
760	Validation	Ipswich	Jn 16	n 16 Hawes Street - Station Street from Bath Street		Jan-15	MCC	No	0052-30216	70052	30216	75	63	1.408	Yes	Yes	62.38389	52	1.350	Yes	Yes	11.44372	8	1.087	0.759493	3	1.471
761	Validation	Ipswich	Jn 16	16 Hawes Street - Station Street from Hawes Street		Jan-15	MCC	No	0315-30216	70315	30216	541	490	2.254	Yes	Yes	453.1237	414	1.880	Yes	Yes	67.11935	67	0.009	20.50632	8	3.182
762	Validation	Ipswich	Jn 16	16 Hawes Street - Station Street from Station Stree		Jan-15	MCC	No	0043-30216	70043	30216	213	118	7.389	No	Yes	185.5329	103	6.887	No	Yes	25.33048	9	3.858	2.151898	6	1.845
768	Calibration	Ipswich	Jn 18	18 Belstead Road - Luther Road from Belstead Road		Jan-15	MCC	No	0211-30193	30211	30193	333	316	0.913	Yes	Yes	293.3662	281	0.734	Yes	Yes	36.38846	33	0.628	3.164556	3	0.183
769	Calibration	Ipswich	Jn 18	n 18 Belstead Road - Luther Road from Luther Road		Jan-15	MCC	No	0022-30193	70022	30193	185	182	0.252	Yes	Yes	160.8782	160	0.102	Yes	Yes	23.40177	22	0.296	0.886076	0	0.978
771	Calibration	Ipswich	Jn 19	9 Belstead Road - Ancaster Road from Belstead Roa		Jan-15	MCC	No	0193-30703	30193	30703	344	346	0.078	Yes	Yes	299.4676	307	0.426	Yes	Yes	41.40312	36	0.922	3.291138	3	0.139
772	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road from Oak Hill La		Jan-15	MCC	No	0704-30703	30704	30703	5	39	7.092	No	Yes	4.109119	37	7.214	No	Yes	1.028649	2	0.475	0.253164	0	0.297
773	Calibration	Ipswich	Jn 19	9 Belstead Road - Ancaster Road from Belstead Roa		Jan-15	MCC	No	0192-30703	30192	30703	361	359	0.113	Yes	Yes	321.5074	320	0.103	Yes	Yes	35.61697	36	0.024	3.670885	3	0.235
775	Calibration	Ipswich	Jn 20	Birkfield Drive - Stone Lodge Lane from Birkfield Dr		Jan-15	MCC	No	0173-30175	30173	30175	196	184	0.855	Yes	Yes	171.0888	169	0.140	Yes	Yes	23.27318	15	1.985	1.518987	0	1.416
776	Calibration	Ipswich	Jn 20	rkfield Drive - Stone Lodge Lane from Stone Lodge		Jan-15	MCC	No	0190-30175	30190	30175	126	134	0.668	Yes	Yes	110.1991	117	0.621	Yes	Yes	15.81548	16	0.019	0.379747	1	1.018
778	Calibration	Ipswich	Jn 20	rkfield Drive - Stone Lodge Lane from Stone Lodge		Jan-15	MCC	No	0296-70296	70296	70297	85	89	0.432	Yes	Yes	76.95259	79	0.225	Yes	Yes	7.329124	7	0.089	0.379747	3	1.846
779	Calibration	Ipswich	Jn 21	21 Princes Street - Burrell Road from Princes Stree		Jan-15	MCC	No	0318-30168	20318	30168	267	270	0.193	Yes	Yes	240.3212	257	1.056	Yes	Yes	25.2019	13	2.694	1.645569	0	1.814
780	Calibration	Ipswich	Jn 21	n 21 Princes Street - Burrell Road from Burrell Road		Jan-15	MCC	No	0170-30168	30170	30168	268	259	0.579	Yes	Yes	229.3635	223	0.424	Yes	Yes	34.97407	36	0.112	3.670885	0	2.710
781	Calibration	Ipswich	Jn 21	n 21 Princes Street - Burrell Road from Station Yard		Jan-15	MCC	No	0384-30168	30384	30168	84	43	5.154	No	Yes	80.81267	42	4.919	Yes	Yes	3.214528	1	1.605	0.253164	0	0.712
782	Calibration	Ipswich	Jn 21	21 Princes Street - Burrell Road from Ranelagh Roa		Jan-15	MCC	No	0167-30168	30167	30168	435	450	0.728	Yes	Yes	379.7822	401	1.090	Yes	Yes	51.30387	49	0.307	4.050632	0	2.846
783	Calibration	Ipswich	Jn 22	22 Princes Street - Civic Drive from Princes Street		Jan-15	MCC	No	0036-10004	10036	10004	206	208	0.075	Yes	Yes	179.9296	181	0.063	Yes	Yes	22.5017	23	0.073	4.050632	4	0.056
784	Calibration	Ipswich	Jn 22	22 Princes Street - Civic Drive from Franciscan Wa		Jan-15	MCC	No	0005-10004	10005	10004	442	431	0.515	Yes	Yes	378.4125	366	0.644	Yes	Yes	58.76158	61	0.237	4.556961	4	0.072
785	Calibration	Ipswich	Jn 22	22 Princes Street - Civic Drive from Princes Street		Jan-15	MCC	No	0755-10004	30755	10004	223	213	0.692	Yes	Yes	196.7396	186	0.787	Yes	Yes	23.27318	24	0.080	3.41772	4	0.145
786	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive from Civic Drive		Jan-15	MCC	No	0003-10004	10003	10004	537	467	3.157	Yes	Yes	468.5641	402	3.199	Yes	Yes	60.94746	58	0.433	7.848099	7	0.241
787	Calibration	Ipswich	Jn 23	n 23 Civic Drive - Handford Road from Civic Drive N		Jan-15	MCC	No	0001-10002	10001	10002	768	782	0.505	Yes	Yes	668.1676	681	0.501	Yes	Yes	87.82091	89	0.096	11.89873	12	0.043
788	Calibration	Ipswich	Jn 23	23 Civic Drive - Handford Road from Car Park Entra		Jan-15	MCC	No	0080-10002	10080	10002	43	44	0.236	Yes	Yes	40.34408	40	0.064	Yes	Yes	2.31446	4	0.997	0.253164	0	0.310
789	Calibration	Ipswich	Jn 23	n 23 Civic Drive - Handford Road from Civic Drive S		Jan-15	MCC	No	0003-10002	10003	10002	655	630	0.975	Yes	Yes	568.4281	545	1.011	Yes	Yes	69.56239	78	0.956	16.70886	8	2.602
790	Calibration	Ipswich	Jn 23	23 Civic Drive - Handford Road from Handford Roa		Jan-15	MCC	No	0016-10002	20016	10002	524	321	9.883	No	No	455.4896	284	8.935	No	No	56.44712	29	4.157	12.40506	8	1.315
791	Calibration	Ipswich	Jn 24	Berner's Street - St Matthews Street from Berner's S		Jan-15	MCC	No	0306-10001	20306	10001	251	226	1.566	Yes	Yes	228.3674	203	1.696	Yes	Yes	20.83014	22	0.180	1.392405	1	0.072
792	Calibration	Ipswich	Jn 24	her's Street - St Matthews Street from St Matthews S		Jan-15	MCC	No	0031-10001	10031	10001	539	430	4.978	Yes	No	456.8593	369	4.318	Yes	Yes	72.00543	50	2.805	10.37974	10	0.028

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
793	Calibration	Ipswich	Jn 24	4 Berner's Street - St Matthews Street from Civic Dr	0	Jan-15	MCC	No	0002-1000	10002	10001	843	826	0.605	Yes	Yes	745.3692	726	0.711	Yes	Yes	89.36389	88	0.167	8.48101	12	1.060
794	Calibration	Ipswich	Jn 24	ner's Street - St Matthews Street from St Matthews S	0	Jan-15	MCC	No	0022-1000	20022	10001	514	504	0.424	Yes	Yes	431.582	435	0.177	Yes	Yes	72.13401	59	1.614	10.25316	10	0.060
796	Calibration	Ipswich	Jn 25	Fonnereau Road - Crown Street from St Margarets S	0	Jan-15	MCC	No	0313-1002	70313	10027	567	577	0.421	Yes	Yes	494.0904	502	0.370	Yes	Yes	64.54773	66	0.201	8.101263	8	0.065
797	Calibration	Ipswich	Jn 25	5 Fonnereau Road - Crown Street from Northgate St	0	Jan-15	MCC	No	0067-1002	10067	10027	82	77	0.574	Yes	Yes	65.99494	63	0.340	Yes	Yes	13.37244	11	0.650	2.27848	2	0.067
798	Calibration	Ipswich	Jn 25	25 Fonnereau Road - Crown Street from Crown Stre	0	Jan-15	MCC	No	0307-1002	70307	10028	486	471	0.696	Yes	Yes	410.2893	394	0.814	Yes	Yes	67.63367	69	0.157	7.848099	8	0.070
799	Calibration	Ipswich	Jn 26	6 Grimwade Street - Fore Street from Grimwade Str	0	Jan-15	MCC	No	0111-1001	10111	10017	1302	1234	1.917	Yes	Yes	1088.294	1019	2.143	Yes	Yes	181.9423	184	0.149	31.51898	31	0.126
808	Calibration	Ipswich	Jn 28	n 28 Waterworks Street - Star Lane from Star Lane W	0	Jan-15	MCC	No	0068-1005	10068	10054	1029	982	1.495	Yes	Yes	868.3938	825	1.496	Yes	Yes	137.1961	134	0.311	23.79746	24	0.053
810	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street from Fore Street E	0	Jan-15	MCC	No	0106-1005	10106	10055	5	39	7.282	No	Yes	3.860081	37	7.303	No	Yes	0.900068	2	1.025	0.253164	0	0.143
811	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street from Star Lane S	0	Jan-15	MCC	No	0165-1005	70165	10055	1014	1003	0.367	Yes	Yes	856.5645	846	0.375	Yes	Yes	133.853	132	0.165	23.79746	25	0.243
812	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street from Fore Street W	0	Jan-15	MCC	No	0053-1006	10053	10068	84	38	5.949	No	Yes	74.71125	32	5.841	No	Yes	9.12926	5	1.354	0.632911	0	0.291
816	Calibration	Ipswich	Jn 32	Lower Orwell Street - Key Street from Lower Orwell	0	Jan-15	MCC	No	0057-1001	10057	10013	104	10	12.438	No	Yes	90.52513	8	11.746	No	Yes	12.34379	1	4.212	0.632911	0	0.220
817	Calibration	Ipswich	Jn 32	32 Lower Orwell Street - Key Street from Key Stree	0	Jan-15	MCC	No	0119-1001	70119	10013	994	1016	0.693	Yes	Yes	832.9059	841	0.297	Yes	Yes	131.4099	140	0.728	30.12657	35	0.862
819	Calibration	Ipswich	Jn 33	Foundation Street - Star Lane from Foundation Stre	0	Jan-15	MCC	No	0043-1004	10043	10042	98	93	0.593	Yes	Yes	86.78957	81	0.623	Yes	Yes	11.31514	11	0.085	0.253164	0	0.335
824	Calibration	Ipswich	Jn 34	Upper Brook Street - Dogs Head Street from Tachet	0	Jan-15	MCC	No	0076-1004	10076	10045	61	79	2.210	Yes	Yes	49.18491	70	2.686	Yes	Yes	10.67223	9	0.573	0.886076	0	0.543
825	Calibration	Ipswich	Jn 34	per Brook Street - Dogs Head Street from Lower Bro	0	Jan-15	MCC	No	0132-1004	10132	10045	35	23	2.121	Yes	Yes	28.01672	23	0.995	Yes	Yes	6.300475	0	3.499	0.632911	0	0.271
827	Calibration	Ipswich	Jn 35	5 Warwick Road - St Helen's Street from Warwick R	0	Jan-15	MCC	No	0324-2006	20324	20069	62	73	1.240	Yes	Yes	54.29018	65	1.402	Yes	Yes	6.557638	7	0.189	1.645569	1	1.080
829	Calibration	Ipswich	Jn 35	35 Warwick Road - St Helen's Street from Grove La	0	Jan-15	MCC	No	0073-2006	20073	20069	267	99	12.360	No	No	225.7525	89	10.909	No	No	37.80285	10	5.737	3.164556	1	1.732
830	Calibration	Ipswich	Jn 35	Warwick Road - St Helen's Street from St Helen's S	0	Jan-15	MCC	No	0454-2006	30454	20069	267	189	5.162	No	Yes	234.0953	171	4.439	Yes	Yes	30.47373	18	2.509	2.405063	0	2.193
832	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street from Rope Walk	0	Jan-15	MCC	No	0102-1005	10102	10050	33	35	0.257	Yes	Yes	30.00902	32	0.272	Yes	Yes	3.085947	3	0.009	0	0	0.000
833	Calibration	Ipswich	Jn 36	36 Bond Street - Eagle Street from Waterworks Stre	0	Jan-15	MCC	No	0264-1005	70264	10050	313	202	6.922	No	No	269.8321	187	5.507	No	Yes	40.37447	15	4.755	2.784809	0	2.360
834	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street from Eagle Street	0	Jan-15	MCC	No	0051-1005	10051	10050	31	0	7.669	No	Yes	27.26961	0	7.216	No	Yes	2.957366	0	2.395	0.506329	0	1.006
835	Validation	Ipswich	Jn 37	Grimwalde Street - Rope Walk from Grimwade Stre	0	Jan-15	MCC	No	0020-1001	10020	10019	589	455	5.859	No	No	503.9274	386	5.569	No	No	65.06205	58	0.961	20.25316	11	2.233
839	Calibration	Ipswich	Jn 38	n 38 Foxhall Road - Grove Lane from Foxhall Road	0	Jan-15	MCC	No	0282-2007	20282	20074	290	298	0.431	Yes	Yes	252.026	255	0.190	Yes	Yes	34.97407	39	0.702	3.41772	4	0.049
840	Calibration	Ipswich	Jn 38	n 38 Foxhall Road - Grove Lane from Back Hamlet	0	Jan-15	MCC	No	0762-2007	30762	20074	192	180	0.876	Yes	Yes	166.6061	155	0.903	Yes	Yes	23.65893	24	0.161	1.392405	0	1.453
841	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane from Grove Lane	0	Jan-15	MCC	No	0073-2007	20073	20074	189	189	0.010	Yes	Yes	166.8551	168	0.076	Yes	Yes	21.21589	21	0.132	1.012658	0	0.601
842	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road from Britannia Ro	0	Jan-15	MCC	No	0349-2007	20349	20078	65	64	0.068	Yes	Yes	59.39544	59	0.036	Yes	Yes	5.014664	5	0.047	0.379747	0	0.871
843	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road from Foxhall Road	0	Jan-15	MCC	No	0445-2007	30445	20078	357	359	0.095	Yes	Yes	314.5344	316	0.070	Yes	Yes	38.1886	43	0.723	4.050632	0	2.846
844	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road from Dover Roa	0	Jan-15	MCC	No	0659-2007	30659	20078	25	24	0.164	Yes	Yes	22.16434	22	0.031	Yes	Yes	2.443041	2	0.276	0.253164	0	0.712
845	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road from Foxhall Road	0	Jan-15	MCC	No	0441-2007	30441	20078	306	303	0.188	Yes	Yes	272.447	271	0.076	Yes	Yes	31.11663	32	0.092	2.531645	0	2.250
846	Calibration	Ipswich	Jn 40	Clapgate Lane - Landseer Road from Clapgate Lan	0	Jan-15	MCC	No	0088-3023	70088	30235	142	144	0.139	Yes	Yes	127.8808	131	0.285	Yes	Yes	13.37244	12	0.490	0.759493	1	0.177
848	Calibration	Ipswich	Jn 40	Clapgate Lane - Landseer Road from Clapgate Lan	0	Jan-15	MCC	No	0376-3023	30376	30235	131	45	9.133	No	Yes	118.5419	41	8.675	No	Yes	11.82946	3	3.050	0.759493	1	0.131
850	Calibration	Ipswich	Jn 41	Holywells Road - Landseer Road from Holywells R	0	Jan-15	MCC	No	0115-3022	70115	30227	328	316	0.668	Yes	Yes	245.8	240	0.372	Yes	Yes	49.24657	48	0.248	33.29113	29	0.803
852	Calibration	Ipswich	Jn 41	1 Holywells Road - Landseer Road from Landseer R	0	Jan-15	MCC	No	0228-3022	30228	30227	314	328	0.779	Yes	Yes	235.963	242	0.411	Yes	Yes	44.10333	48	0.525	33.92404	38	0.674
854	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Levington Ro	0	Jan-15	MCC	No	0083-3024	70083	30244	26	178	14.966	No	No	22.03982	159	14.425	No	No	4.114596	17	3.981	0.253164	1	0.955
855	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Nacton Road	0	Jan-15	MCC	No	0242-3024	30242	30244	220	219	0.047	Yes	Yes	187.2762	204	1.166	Yes	Yes	29.83082	15	3.044	2.531645	0	2.250
856	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Clapgate La	0	Jan-15	MCC	No	0243-3024	30243	30244	144	265	8.431	No	No	121.2813	239	8.766	No	No	20.95872	25	0.789	1.898734	1	0.713
857	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Nacton Road	0	Jan-15	MCC	No	0437-3024	30437	30244	250	287	2.264	Yes	Yes	217.1607	252	2.243	Yes	Yes	31.50238	36	0.763	1.645569	0	1.814
860	Calibration	Ipswich	Jn 43	Jn 43 A14 - Nacton Road from Nacton Road SE	0	Jan-15	MCC	No	0080-3007	30080	30079	331	324	0.368	Yes	Yes	239.6986	235	0.283	Yes	Yes	49.7609	48	0.276	41.51897	41	0.056
863	Calibration	Ipswich	Jn 44	Jn 44 A14 - Nacton Road from Nacton Road N	0	Jan-15	MCC	No	0079-3008	30079	30080	764	652	4.202	Yes	Yes	574.405	459	5.097	No	No	134.753	138	0.262	54.81011	56	0.131
868	Calibration	Ipswich	Jn 45	5 Brunswick Road - Albion Hill from Woodbridge Ro	0	Jan-15	MCC	No	0057-2005	20057	20056	311	305	0.340	Yes	Yes	272.5715	269	0.228	Yes	Yes	35.61697	36	0.137	3.037974	0	2.465
870	Calibration	Ipswich	Jn 45	Jn 45 Brunswick Road - Albion Hill from Albion Hill	0	Jan-15	MCC	No	0055-2005	20055	20056	415	411	0.221	Yes	Yes	360.3573	359	0.093	Yes	Yes	51.04671	52	0.112	3.670885	0	2.568
871	Calibration	Ipswich	Jn 46	Rushmere Road - Woodbridge Road from Rushmere	0	Jan-15	MCC	No	0059-2005	20059	20058	162	161	0.047	Yes	Yes	144.0682	145	0.103	Yes	Yes	16.84413	16	0.203	1.012658	0	1.423
872	Calibration	Ipswich	Jn 46	shmere Road - Woodbridge Road from Woodbridge	0	Jan-15	MCC	No	0084-2005	20084	20058	258	255	0.197	Yes	Yes	225.5035	225	0.042	Yes	Yes	29.83082	30	0.049	2.784809	0	2.360
873	Calibration	Ipswich	Jn 46	shmere Road - Woodbridge Road from Cauldwell H	0	Jan-15	MCC	No	0065-2005	20065	20058	207	205	0.142	Yes	Yes	176.9411	175	0.149	Yes	Yes	27.13062	27	0.019	3.037974	3	0.028
874	Calibration	Ipswich	Jn 46	shmere Road - Woodbridge Road from Woodbridge	0	Jan-15	MCC	No	0057-2005	20057	20058	505	501	0.180	Yes	Yes	441.668	441	0.053	Yes	Yes	58.11867	59	0.070	5.189872	2	1.860
875	Calibration	Ipswich	Jn 47	Jn 47 A137 - A14 from A137 N	0	Jan-15	MCC	No	0061-3006	30061	30062	448	467	0.873	Yes	Yes	346.7363	363	0.850	Yes	Yes	66.60503	69	0.240	34.9367	36	0.115
881	Calibration	Ipswich	Jn 48	Jn 48 A137 - A14 from A137 S	0	Jan-15	MCC	No	0062-3006	30062	30061	555	512	1.876	Yes	Yes	460.5657	415	2.190	Yes	Yes	74.70564	77	0.271	19.87341	20	0.026
883	Calibration	Ipswich	Jn 49	Jn 49 Wherstead Road - A137 from Wherstead Road	0	Jan-15	MCC	No	0219-3022	30219	30220	607	532	3.133	Yes	Yes	486.4304	446	1.857	Yes	Yes	87.82091	72	1.779	32.7848	14	3.883
884	Calibration	Ipswich	Jn 49	Jn 49 Wherstead Road - A137 from The Strand	0	Jan-15	MCC	No	0691-3022	30691	30220	374	387	0.662	Yes	Yes	314.2493	313	0.064	Yes	Yes	53.61833	54	0.037	6.075947	20	3.823
887	Calibration	Ipswich	Jn 50	Wherstead Road - Bostock Road from Industrial ES	0	Jan-15	MCC	No	0783-3021	30783	30219	27	32	0.915	Yes	Yes	9.587944	13	1.133	Yes	Yes	4.114596	4	0.057	13.41772	15	0.334
888	Calibration	Ipswich	Jn 50	Wherstead Road - Bostock Road from Wherstead R	0	Jan-15	MCC	No	0220-3021	30220	30219	617	547	2.902	Yes	Yes	498.5731	449	2.285	Yes	Yes	88.72098	81	0.794	29.62024	17	2.695
891	Calibration	Ipswich	Jn 1	1 Ransomes Way - Nacton Road to Bluestem Roa	0	Jan-15	MCC	No	0237-3077	30237	30777	200	200	0.024	Yes	Yes	118.2928	118	0.024	Yes	Yes	61.46178	61	0.001	20.63291	21	0.019
893	Calibration	Ipswich	Jn 1	Ransomes Way - Nacton Road to Ravenwood Ave	0	Jan-15	MCC	No	0237-3066	30237	30664	443	444	0.044	Yes	Yes	403.1917	403	0.026	Yes	Yes	35.35981	35	0.015	4.683543	6	0.655
894	Calibration	Ipswich	Jn 1	Jn 1 Ransomes Way - Nacton Road to Nacton Road	0	Jan-15	MCC	No	0237-3043	30237	30434	740	614	4.836	Yes	No	573.7824	535	1.626	Yes	Yes	104.5365	79	2.680	61.89872	0	11.126
895	Calibration	Ipswich	Jn 2	ansomes Way N - Ransomes Way S to Ransomes W	0	Jan-15	MCC	No	0238-3025	30238	30256	796	795	1.043	Yes	Yes	669.1638	692	0.891	Yes	Yes	76.63435	82	0.557	20.25316	21	0.204
897	Calibration	Ipswich	Jn 2	Ransomes Way N - Ransomes Way S to Central Ave	0	Jan-15	MCC	No	0238-3066	30238	30665	229	227	0.092	Yes	Yes	191.1363	189	0.119	Yes	Yes	21.73021	22	0.070	15.82278	16	0.019
900	Calibration	Ipswich	Jn 3	3 Felixstowe Road - Ransomes Way to Murrils Roa	0	Jan-15	MCC	No	0256-3049	30256	30492	544	482	2.715	Yes	Yes	512.2134	455	2.605	Yes	Yes	29.70224	26	0.788	1.772151	2	0.055
901	Calibration	Ipswich	Jn 3	Felixstowe Road - Ransomes Way to Felixstowe Ro	0	Jan-15	MCC	No	0256-3049	30256	30496	309	300	0.519	Yes	Yes	271.5619	262	0.568	Yes	Yes	30.73089	31	0.063	6.962023	7	0.050
904	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road to Rands Way	0	Jan-15	MCC	No	0241-3024	30241	30249	135	140	0.379	Yes	Yes	115.5534	117	0.102	Yes	Yes	18.51568	17	0.268	1.392405	6	2.353
906	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road to Landseer Road	0	Jan-15	MCC	No	0241-3043	30241	30432	399	378	1.056	Yes	Yes	302.0825	299	0.165	Yes	Yes	61.46178	45	2.267	35.44303	34	0.242
907	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road to Nacton Road W	0	Jan-15	MCC	No	0241-3043	30241	30436	337	291	2.588	Yes	Yes	290.1287	260	1.799	Yes	Yes	42.68894	29	2.319	3.797467	2	1.284
908	Calibration	Ipswich	Jn 5	Jn 5 Bixley Road - Felixstowe Road to Bixley Road	0	Jan-15	MCC	No	0253-7030	30253	70309	1004	1009	0.157	Yes	Yes	890.9317	891	0.003	Yes	Yes	101.5791	107	0.490	11.89873	12	0.036
909	Calibration	Ipswich	Jn 5	5 Bixley Road - Felixstowe Road to Bucklesham Ro	0	Jan-15	MCC	No	0253-3065	30253	30657	103	101	0.145	Yes	Yes	87.6612	87	0.105	Yes	Yes	12.98669	13	0.029	2.025316	1	0.449
911	Calibration	Ipswich	Jn 5	5 Bixley Road - Felixstowe Road to Felixstowe Road	0	Jan-15	MCC	No	0253-3025	30253	30251	575	770	7.550	No	No	503.8029	692	7.699	No	No	63.64766	51	1.647	7.215188	27	4.823
912	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Heath Road	0	Jan-15	MCC	No	0275-7031	30275	70311	785	803	0.665	Yes	Yes	697.9276	729	1.181	Yes	Yes	76.89152	54	2.858	9.746832	20	2.662
913	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Foxhall Road E	0	Jan-15	MCC	No	0275-3044	30275	30443	398	140	15.736	No	No	351.0184	126	14.587	No	No	41.5317	12	5.659	5.316454	2	1.824
914	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Bixley Road	0	Jan-15	MCC	No	0275-7031	30275	70310	859	703	5.588	No	No	774.3821	633	5.318	No	No	73.93415	59	1.792	10.75949	10	0.135
915	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Foxhall Road W	0	Jan-15	MCC	No	0275-3065	30275	30652	334	175	9.941	No	No	293.6152	162	8.737	No	No	35.74555	13	4.703	4.303796	1	2.267
916	Calibration	Ipswich	Jn 7	Woodbridge Road - Heath Road to Woodbridge Roa	0	Jan-15	MCC	No	0296-2025	30296	20254	809	807	0.064	Yes	Yes	730.0534	728	0.087	Yes	Yes	70.8482	71	0.065	8.354428	8	0.008
917	Calibration	Ipswich	Jn 7	Jn 7 Woodbridge Road - Heath Road to Heath Road	0	Jan-15	MCC	No	0296-3081	30296	30815	838	839	0.036	Yes	Yes	758.3192	759	0.023	Yes	Yes	69.69097	70	0.070	9.746832	10	0.053
921	Calibration	Ipswich	Jn 8	odbridge Road - Colchester Road to Woodbridge R	0	Jan-15	MCC	No	0294-2027	30294	20278	515	484	1.395	Yes	Yes	460.2213	423	1.785	Yes	Yes	43.33184	41	0.423	11.77215	21	2.247
922	Calibration	Ipswich	Jn 8	Woodbridge Road - Colchester Road to Colchester R	0	Jan-15	MCC	No	0295-2025	30295	20253	752	701	1.903	Yes	Yes	661.5681	618	1.738	Yes	Yes	67.76226	57	1.351	23.03797	26	0.670
924	Calibration	Ipswich	Jn 9	Cauldwell Hall Road - St John's Road to Freehold R	0	Jan-15	MCC	No	0280-2034	30280	20340	74	74	0.107	Yes	Yes	65.49686	64	0.175	Yes	Yes	7.714868	8	0.158	1.265822	1	0.038
926	Calibration	Ipswich	Jn 9	auldwell Hall Road - St John's Road to Marlborough	0	Jan-15	MCC	No	0280-2028	20280	20281	45	48	0.379	Yes	Yes	39.59696	40	0.035	Yes	Yes	4.371758	4	0.192	1.13924	4	1.735
928	Calibration	Ipswich	Jn 10	auldwell Hall Road - Foxhall Road to Cauldwell Ha	0	Jan-15	MCC	No	0077-2028	20077	20280	211	210	0.068	Yes	Yes	180.4277	179	0.125	Yes	Yes	27.77352	28	0.060	3.164556	4	0.205
929	Calibration	Ipswich	Jn 10	Cauldwell Hall Road - Foxhall Road to Foxhall Ro	0	Jan-15	MCC	No	0077-3044	20077	30441	296	296	0.014	Yes	Yes	259.8706	259	0.046	Yes	Yes	34.074	35	0.100	2.27848	2	0.058
930	Calibration	Ipswich	Jn 10	0 Cauldwell Hall Road - Foxhall Road to Derby Ro	0	Jan-15	MCC	No	0077-7019	20077	70197	280	272	0.464	Yes	Yes	237.5818	238	0.021	Yes	Yes	38.70292	31	1.393	3.291138	3	0.095
932	Calibration	Ipswich	Jn 11	11 Felixstowe Road - Bishops Hill to Rosehill Roa	0	Jan-15	MCC	No	0245-7014	30245	70144	12	18	1.733	Yes	Yes	9.214388	15	1.663	Yes	Yes	2.185879	2	0.180	0.126582	1	0.940
933	Calibration	Ipswich	Jn 11	11 Felixstowe Road - Bishops Hill to Felixstowe Ro	0	Jan-15	MCC	No	0245-3043	30245	30438	300	283	1.022	Yes	Yes	260.7423	250	0.697	Yes	Yes	34.20258	28	1.135	5.443036	5	0.002
935	Calibration	Ipswich	Jn 11	n 11 Felixstowe Road - Bishops Hill to Bishops Hill	0	Jan-15	MCC	No	0245-6001	30245	60001	384	366	0.906	Yes	Yes	333.4612	326	0.435	Yes	Yes	44.23191	41	0.529	6.20253	9	3.522
936	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road to Duke Street	0	Jan-15	MCC	No	0226-7009	30226	70093	337	267	4.036	Yes	Yes	262.7346	180	5.547	No	Yes	46.54637	52	0.784	27.46835	34	1.248
937	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road to Myrtle Road	0	Jan-15	MCC	No	0226-7013	30226	70135	80	185	9.055	No	No	54.04114	160	10.268	No	No	19.80149	18	0.469	6.582276	7	0.008
939	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road to Cliff Road	0	Jan-15	MCC	No	0226-7009	30226	70094	45	34	1.824	Yes	Yes	26.89605	26	0.159	Yes	Yes	7.200543	7	0.004	11.01265	0	4.448
940	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet to Back Hamlet	0	Jan-15	MCC	No	0072-3083	20072	30834	147	139	0.672	Yes	Yes	128.0053	120	0.737	Yes	Yes	17.87278	18	0.028	1.265822	1	0.042
941	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet to Fore Hamlet E	0	Jan-15	MCC	No	0072-3076	20072	30760	426	423	0.163	Yes	Yes	365.2135	368	0.149	Yes	Yes	54.77556	55	0.034	6.455694	0	3.593
942	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet to Duke Street	0	Jan-15	MCC	No	0072-7000	20072	70001	332	340	0.451	Yes	Yes	254.7654	254	0.034	Yes	Yes	58.50441	59	0.065	18.73417	27	1.735
948	Calibration	Ipswich	Jn 15	Jn 15 Hawes Street - Vernon Street to Felaw Street	0	Jan-15	MCC	No	0215-7006	30215	70063	35	35	0.097	Yes	Yes	28.88835	29	0.008	Yes	Yes	5.271826	5	0.075	0.632911	1	0.708
949	Calibration	Ipswich	Jn 15	Jn 15 Hawes Street - Vernon Street to Mather Way	0	Jan-15	MCC	No	0215-7006	30215	70068	12	12	0.185	Yes	Yes	11.45573	11	0.037	Yes	Yes	0.385743	0	0.554	0	1	1.448
951	Calibration	Ipswich	Jn 15	Jn 15 Hawes Street - Vernon Street to Vernon Street	0	Jan-15	MCC	No	0215-7001	30215	70019	539	509	1.313	Yes	Yes	454.867	428	1.302	Yes	Yes	64.67631	63	0.157	19.87341	18	0.335
952	Validation	Ipswich	Jn 16	n 16 Hawes Street - Station Street to Hawes Street N	0	Jan-15	MCC	No	0216-3021	30216	30215	535	504	1.368	Yes	Yes	450.5088	422	1.372	Yes	Yes	64.41915	65	0.093	20.12658	17	0.764
953	Validation	Ipswich	Jn 16	Jn 16 Hawes Street - Station Street to Bath Street	0	Jan-15	MCC	No	0216-7005	30216	70052	56	27	4.545	Yes	Yes	49.30943	24	4.235	Yes	Yes	5.786151	3	1.374	0.759493	0	1.180
954	Validation	Ipswich	Jn 16	n 16 Hawes Street - Station Street to Hawes Street S	0	Jan-15	MCC	No	0216-7031	30216	70315	538	496	1.805	Yes	Yes	446.5242	419	1.308	Yes	Yes	71.10536	64	0.861	19.87341	13	1.660

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
955	Validation	Ipswich	Jn 16	Jn 16 Hawes Street - Station Street to Station Street	0	Jan-15	MCC	No	0216-7004	30216	70043	152	92	5.463	No	Yes	130.2466	82	4.636	Yes	Yes	20.18724	10	2.762	2.025316	0	1.905
961	Calibration	Ipswich	Jn 18	J 18 Belstead Road - Luther Road to Belstead Road	0	Jan-15	MCC	No	0193-3021	30193	30211	341	344	0.137	Yes	Yes	304.8219	307	0.123	Yes	Yes	32.53103	33	0.122	3.670885	3	0.170
962	Calibration	Ipswich	Jn 18	Jn 18 Belstead Road - Luther Road to Luther Road	0	Jan-15	MCC	No	0193-7002	30193	70022	193	191	0.122	Yes	Yes	170.4662	170	0.012	Yes	Yes	21.47372	21	0.096	1.13924	0	1.408
964	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road to Belstead Road	0	Jan-15	MCC	No	0703-3019	30703	30193	362	382	1.061	Yes	Yes	322.0055	344	1.191	Yes	Yes	36.00272	35	0.123	3.924049	3	0.271
965	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road to Oak Hill Lan	0	Jan-15	MCC	No	0703-3079	30703	30704	5	27	5.493	No	Yes	4.233638	24	5.306	No	Yes	0.642906	3	1.509	0.126582	0	0.080
966	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road to Belstead Road	0	Jan-15	MCC	No	0703-3019	30703	30192	344	334	0.549	Yes	Yes	298.9695	295	0.216	Yes	Yes	41.5317	35	1.026	3.164556	3	0.014
968	Calibration	Ipswich	Jn 20	Birkfield Drive - Stone Lodge Lane to Birkfield Driv	0	Jan-15	MCC	No	0175-3017	30175	30173	169	162	0.615	Yes	Yes	149.7961	149	0.053	Yes	Yes	18.25852	12	1.720	1.392405	1	0.599
969	Calibration	Ipswich	Jn 20	Birkfield Drive - Stone Lodge Lane to Stone Lodge L	0	Jan-15	MCC	No	0175-3019	30175	30190	147	149	0.190	Yes	Yes	132.488	134	0.102	Yes	Yes	13.6296	14	0.137	0.632911	1	0.638
971	Calibration	Ipswich	Jn 20	Birkfield Drive - Stone Lodge Lane to Stone Lodge L	0	Jan-15	MCC	No	0297-7029	70297	70296	80	79	0.143	Yes	Yes	69.97954	68	0.288	Yes	Yes	9.515004	10	0.136	0.759493	1	0.655
972	Calibration	Ipswich	Jn 21	Jn 21 Princes Street - Burrell Road to Princes Street	0	Jan-15	MCC	No	0168-2031	30168	20318	245	226	1.244	Yes	Yes	220.3982	205	1.045	Yes	Yes	22.75886	21	0.472	1.645569	0	1.814
973	Calibration	Ipswich	Jn 21	Jn 21 Princes Street - Burrell Road to Burrell Road	0	Jan-15	MCC	No	0168-3017	30168	30170	399	396	0.161	Yes	Yes	349.2751	356	0.337	Yes	Yes	46.03204	40	0.934	3.41772	0	2.614
975	Calibration	Ipswich	Jn 21	Jn 21 Princes Street - Burrell Road to Ranelagh Roa	0	Jan-15	MCC	No	0168-3016	30168	30167	411	402	0.473	Yes	Yes	360.6063	363	0.119	Yes	Yes	45.90346	39	1.114	4.556961	0	3.019
976	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Princes Street N	0	Jan-15	MCC	No	0004-1003	10004	10036	150	49	10.161	No	No	133.7331	37	10.504	No	Yes	13.37244	11	0.635	3.164556	1	1.519
977	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Franciscan Way	0	Jan-15	MCC	No	0004-1000	10004	10005	378	394	0.806	Yes	Yes	322.7526	337	0.809	Yes	Yes	48.86083	50	0.148	6.582276	7	0.042
978	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Princes Street S	0	Jan-15	MCC	No	0004-3075	10004	30755	226	246	1.313	Yes	Yes	200.5997	216	1.085	Yes	Yes	22.75886	26	0.684	2.784809	4	0.617
979	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Civic Drive	0	Jan-15	MCC	No	0004-1000	10004	10003	654	630	0.934	Yes	Yes	565.8132	545	0.901	Yes	Yes	80.49179	78	0.306	7.34177	8	0.106
981	Calibration	Ipswich	Jn 23	23 Civic Drive - Handford Road to Car Park Entranc	0	Jan-15	MCC	No	0002-1008	10002	10080	56	102	5.193	No	Yes	53.04499	93	4.644	Yes	Yes	2.571623	7	2.049	0.126582	2	1.859
982	Calibration	Ipswich	Jn 23	Jn 23 Civic Drive - Handford Road to Civic Drive S	0	Jan-15	MCC	No	0002-1000	10002	10003	605	614	0.349	Yes	Yes	520.2393	527	0.293	Yes	Yes	75.73429	77	0.096	9.367086	10	0.337
983	Calibration	Ipswich	Jn 23	Jn 23 Civic Drive - Handford Road to Handford Road	0	Jan-15	MCC	No	0002-2001	10002	20016	386	236	8.509	No	No	333.4612	204	7.932	No	No	41.66029	28	2.257	10.75949	4	2.471
984	Calibration	Ipswich	Jn 24	4 Berner's Street - St Matthews Street to Berner's St	0	Jan-15	MCC	No	0001-2030	10001	20306	294	165	8.526	No	No	265.5985	150	7.996	No	No	26.74488	13	3.099	1.898734	2	0.066
985	Calibration	Ipswich	Jn 24	rner's Street - St Matthews Street to St Matthews St	0	Jan-15	MCC	No	0001-1003	10001	10031	557	533	1.015	Yes	Yes	477.5294	472	0.264	Yes	Yes	69.81955	52	2.307	9.493668	10	0.016
987	Calibration	Ipswich	Jn 24	rner's Street - St Matthews Street to St Matthews S	0	Jan-15	MCC	No	0001-2002	10001	20022	514	507	0.303	Yes	Yes	439.8002	431	0.408	Yes	Yes	65.4478	65	0.031	8.354428	10	0.630
989	Calibration	Ipswich	Jn 25	5 Fonnereau Road - Crown Street to St Margarets St	0	Jan-15	MCC	No	0027-7031	10027	70313	621	619	0.085	Yes	Yes	527.835	528	0.024	Yes	Yes	83.96348	81	0.276	8.860757	9	0.050
991	Calibration	Ipswich	Jn 25	25 Fonnereau Road - Crown Street to Crown Stree	0	Jan-15	MCC	No	0028-7030	10028	70307	507	518	0.476	Yes	Yes	432.4536	442	0.469	Yes	Yes	64.80489	66	0.110	9.999997	10	0.026
995	Calibration	Ipswich	Jn 26	n 26 Grimwade Street - Fore Street to Fore Street W	0	Jan-15	MCC	No	0061-1010	10061	10108	1143	1175	0.950	Yes	Yes	956.1795	983	0.868	Yes	Yes	154.9403	156	0.070	31.89872	36	0.762
1005	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street to Fore Street W	0	Jan-15	MCC	No	0068-1005	10068	10053	76	98	2.369	Yes	Yes	67.61368	90	2.486	Yes	Yes	7.329124	6	0.503	0.886076	2	1.071
1006	Calibration	Ipswich	Jn 31	Jn 31 Slade Street - Key Street to Slade Street	0	Jan-15	MCC	No	0014-1005	10014	10056	140	246	7.648	No	No	120.5342	227	8.068	No	No	16.45838	17	0.200	3.037974	2	0.524
1008	Calibration	Ipswich	Jn 31	Jn 31 Slade Street - Key Street to Key Street W	0	Jan-15	MCC	No	0014-7000	10014	70008	1022	1018	0.123	Yes	Yes	859.6775	843	0.576	Yes	Yes	131.6671	140	0.707	30.37974	35	0.816
1011	Calibration	Ipswich	Jn 32	32 Lower Orwell Street - Key Street to Key Street W	0	Jan-15	MCC	No	0013-1001	10013	10012	1098	1026	2.199	Yes	Yes	923.4311	850	2.482	Yes	Yes	143.7537	141	0.212	30.75948	36	0.827
1012	Calibration	Ipswich	Jn 33	3 Foundation Street - Star Lane to Foundation Stree	0	Jan-15	MCC	No	0042-1004	10042	10043	118	173	4.574	Yes	Yes	102.6031	155	4.633	Yes	Yes	14.91541	17	0.529	0.379747	1	0.588
1013	Calibration	Ipswich	Jn 33	Jn 33 Foundation Street - Star Lane to Star Lane E	0	Jan-15	MCC	No	0042-1009	10042	10094	1028	853	5.700	No	No	865.1563	707	5.629	No	No	139.1248	122	1.506	23.5443	24	0.048
1014	Calibration	Ipswich	Jn 33	3 Foundation Street - Star Lane to Foundation Stree	0	Jan-15	MCC	No	0042-7011	10042	70118	0	0	0.256	Yes	Yes	0.124519	0	0.442	Yes	Yes	0	0	0.000	0	0	0.280
1016	Calibration	Ipswich	Jn 34	pper Brook Street - Dogs Head Street to Upper Broo	0	Jan-15	MCC	No	0045-1011	10045	10118	80	0	12.649	No	Yes	59.769	0	10.933	No	Yes	15.94406	0	5.647	4.303796	0	2.929
1017	Calibration	Ipswich	Jn 34	Upper Brook Street - Dogs Head Street to Tachet St	0	Jan-15	MCC	No	0045-1007	10045	10076	53	25	4.584	Yes	Yes	42.46089	23	3.316	Yes	Yes	9.643585	0	4.351	1.392405	1	0.061
1018	Calibration	Ipswich	Jn 34	pper Brook Street - Dogs Head Street to Lower Broo	0	Jan-15	MCC	No	0045-1013	10045	10132	36	79	5.628	No	Yes	30.13354	70	5.624	No	Yes	6.171894	9	0.987	0.126582	0	0.594
1020	Calibration	Ipswich	Jn 35	35 Warwick Road - St Helen's Street to Warwick Ro	0	Jan-15	MCC	No	0069-2032	20069	20324	37	39	0.311	Yes	Yes	32.12584	33	0.226	Yes	Yes	5.014664	5	0.002	0.126582	1	0.940
1022	Calibration	Ipswich	Jn 35	n 35 Warwick Road - St Helen's Street to Grove Lan	0	Jan-15	MCC	No	0069-2007	20069	20073	191	142	3.756	Yes	Yes	165.9835	131	2.869	Yes	Yes	23.53035	11	3.101	1.13924	0	0.741
1023	Calibration	Ipswich	Jn 35	5 Warwick Road - St Helen's Street to St Helen's St	0	Jan-15	MCC	No	0069-3045	20069	30454	500	320	8.864	No	No	434.695	283	8.009	No	No	57.86151	37	2.973	7.34177	0	3.791
1024	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street to Bond Street	0	Jan-15	MCC	No	0050-7012	10050	70125	360	221	8.162	No	No	312.6666	204	6.729	No	No	43.97475	16	5.023	3.291138	0	2.566
1025	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street to Rope Walk	0	Jan-15	MCC	No	0050-1010	10050	10102	17	16	0.199	Yes	Yes	14.44418	14	0.099	Yes	Yes	2.443041	2	0.290	0	0	0.000
1029	Validation	Ipswich	Jn 37	n 37 Grimwalde Street - Rope Walk to Rope Walk E	0	Jan-15	MCC	No	0019-7020	10019	70201	12	0	4.829	Yes	Yes	8.840831	0	4.205	Yes	Yes	2.185879	0	2.091	0.632911	0	1.125
1030	Validation	Ipswich	Jn 37	7 Grimwalde Street - Rope Walk to Grimwade Stree	0	Jan-15	MCC	No	0019-1010	10019	10104	557	447	4.910	Yes	No	476.4087	378	4.752	Yes	Yes	60.81887	57	0.474	19.49366	11	2.067
1031	Validation	Ipswich	Jn 37	n 37 Grimwalde Street - Rope Walk to Rope Walk W	0	Jan-15	MCC	No	0019-1010	10019	10102	21	9	3.243	Yes	Yes	18.92685	8	2.896	Yes	Yes	2.057298	0	1.544	0.126582	0	0.503
1032	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane to Foxhall Road	0	Jan-15	MCC	No	0074-2028	20074	20282	315	314	0.064	Yes	Yes	277.8013	278	0.034	Yes	Yes	35.35981	35	0.051	1.772151	0	1.361
1033	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane to Back Hamlet	0	Jan-15	MCC	No	0074-3076	20074	30762	61	60	0.065	Yes	Yes	53.04499	53	0.002	Yes	Yes	7.329124	7	0.123	0.632911	0	0.265
1034	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane to Grove Lane	0	Jan-15	MCC	No	0074-2007	20074	20073	295	292	0.177	Yes	Yes	254.6408	247	0.507	Yes	Yes	37.15995	42	0.809	3.41772	3	0.055
1035	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road to Britannia Roa	0	Jan-15	MCC	No	0078-2034	20078	20349	58	58	0.005	Yes	Yes	50.92817	51	0.024	Yes	Yes	6.557638	7	0.177	0.253164	0	0.712
1036	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road to Foxhall Road	0	Jan-15	MCC	No	0078-3044	20078	30445	329	326	0.165	Yes	Yes	294.9849	295	0.018	Yes	Yes	31.11663	31	0.028	2.531645	0	2.250
1037	Calibration	Ipswich	Jn 39	Jn 39 Britannia Road - Foxhall Road to Dover Road	0	Jan-15	MCC	No	0078-3065	20078	30659	26	26	0.043	Yes	Yes	22.91145	23	0.025	Yes	Yes	3.085947	3	0.049	0.253164	0	0.712
1038	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road to Foxhall Road	0	Jan-15	MCC	No	0078-3044	20078	30441	340	340	0.028	Yes	Yes	299.7166	300	0.002	Yes	Yes	35.87414	41	0.764	4.177214	0	2.890
1039	Calibration	Ipswich	Jn 40	40 Clapgate Lane - Landseer Road to Clapgate Lane	0	Jan-15	MCC	No	0235-7008	30235	70088	116	112	0.395	Yes	Yes	102.3544	101	0.116	Yes	Yes	12.85811	10	0.918	1.265822	1	0.034
1041	Calibration	Ipswich	Jn 40	40 Clapgate Lane - Landseer Road to Clapgate Lane	0	Jan-15	MCC	No	0235-3037	30235	30376	124	67	5.883	No	No	111.0707	60	5.491	No	Yes	12.85811	4	2.926	0.506329	2	1.544
1043	Calibration	Ipswich	Jn 41	41 Holywells Road - Landseer Road to Holywells Rd	0	Jan-15	MCC	No	0227-7011	30227	70115	360	368	0.393	Yes	Yes	273.6922	276	0.131	Yes	Yes	52.07536	54	0.241	34.55695	38	0.591
1045	Calibration	Ipswich	Jn 41	41 Holywells Road - Landseer Road to Landseer Rd	0	Jan-15	MCC	No	0227-3022	30227	30228	287	286	0.036	Yes	Yes	212.5535	214	0.122	Yes	Yes	42.81752	43	0.022	31.26581	29	0.464
1047	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Levington Roa	0	Jan-15	MCC	No	0244-7008	30244	70083	25	161	14.070	No	No	20.54559	147	13.842	No	No	4.757502	13	2.702	0	1	1.436
1048	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Nacton Road	0	Jan-15	MCC	No	0244-3024	30244	30242	273	313	2.305	Yes	Yes	236.0876	275	2.408	Yes	Yes	34.58832	38	0.579	2.531645	0	2.250
1049	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Clapgate Lan	0	Jan-15	MCC	No	0244-3024	30244	30243	155	317	10.524	No	No	130.6202	289	10.954	No	No	23.78751	26	0.535	0.759493	1	0.269
1050	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Nacton Road	0	Jan-15	MCC	No	0244-3043	30244	30437	187	158	2.195	Yes	Yes	160.5047	142	1.495	Yes	Yes	23.1446	16	1.672	3.037974	0	2.465
1061	Calibration	Ipswich	Jn 45	45 Brunswick Road - Albion Hill to Woodbridge Roa	0	Jan-15	MCC	No	0056-2005	20056	20057	428	430	0.064	Yes	Yes	373.9298	379	0.263	Yes	Yes	50.53238	51	0.022	3.924049	0	2.801
1063	Calibration	Ipswich	Jn 45	Jn 45 Brunswick Road - Albion Hill to Albion Hill	0	Jan-15	MCC	No	0056-2005	20056	20055	304	297	0.404	Yes	Yes	265.2249	261	0.265	Yes	Yes	35.87414	36	0.003	3.037974	0	2.105
1064	Calibration	Ipswich	Jn 46	Rushmere Road - Woodbridge Road to Rushmere R	0	Jan-15	MCC	No	0058-2005	20058	20059	126	144	1.606	Yes	Yes	107.3352	126	1.690	Yes	Yes	17.10129	19	0.369	1.13924	0	1.509
1065	Calibration	Ipswich	Jn 46	ushmere Road - Woodbridge Road to Woodbridge R	0	Jan-15	MCC	No	0058-2008	20058	20084	383	380	0.144	Yes	Yes	340.6833	342	0.071	Yes	Yes	37.93143	38	0.031	3.924049	0	2.801
1066	Calibration	Ipswich	Jn 46	ushmere Road - Woodbridge Road to Cauldwell Ha	0	Jan-15	MCC	No	0058-2006	20058	20065	200	189	0.820	Yes	Yes	171.2133	160	0.861	Yes	Yes	27.38778	27	0.086	1.645569	2	0.069
1067	Calibration	Ipswich	Jn 46	ushmere Road - Woodbridge Road to Woodbridge R	0	Jan-15	MCC	No	0058-2005	20058	20057	422	410	0.599	Yes	Yes	367.2058	358	0.483	Yes	Yes	49.37515	48	0.129	5.189872	3	1.031
1077	Calibration	Ipswich	Jn 49	Jn 49 Wherstead Road - A137 to The Strand	0	Jan-15	MCC	No	0220-3069	30220	30691	354	367	0.672	Yes	Yes	298.7555	308	0.543	Yes	Yes	49.37515	50	0.107	5.822783	8	0.953
1080	Calibration	Ipswich	Jn 50	50 Wherstead Road - Bostock Road to Industrial Est	0	Jan-15	MCC	No	0219-3078	30219	30783	25	40	2.649	Yes	Yes	5.354306	18	3.724	Yes	Yes	3.471691	5	0.778	15.94936	17	0.171
1093	Calibration	Ipswich	Jn G1	Gyr01-1 From Woodbridge Rd (A)	0	Jan-15	MCC	No	0321-1002	70321	10021	200	195	0.334	Yes	Yes	172.334	168	0.345	Yes	Yes	25.54478	27	0.301	1.735985	0	1.863
1094	Calibration	Ipswich	Jn G1	Gyr01-1 To Woodbridge Rd (A)	0	Jan-15	MCC	No	0021-7032	10021	70321	433	433	0.010	Yes	Yes	374.8845	378	0.173	Yes	Yes	54.5184	55	0.066	4.050632	0	2.846
1095	Calibration	Ipswich	Jn G1	Gyr01-2 From Argyle Street	0	Jan-15	MCC	No	0021-1002	10021	10020	705	714	0.327	Yes	Yes	597.0259	605	0.331	Yes	Yes	97.20733	98	0.038	11.13924	11	0.066
1096	Calibration	Ipswich	Jn G1	Gyr01-2 From St Helens Street E	0	Jan-15	MCC	No	0202-1002	70202	10020	556	564	0.309	Yes	Yes	481.3065	490	0.380	Yes	Yes	66.5193	74	0.880	8.438816	0	4.108
1097	Calibration	Ipswich	Jn G1	Gyr01-2 To St Helens Street E	0	Jan-15	MCC	No	0020-7020	10020	70202	241	243	0.116	Yes	Yes	204.2108	214	0.695	Yes	Yes	28.80217	29	0.035	8.438816	0	4.108
1099	Calibration	Ipswich	Jn G1	Gyr01-2 To St Helens Street W	0	Jan-15	MCC	No	0020-1010	10020	10100	567	579	0.516	Yes	Yes	474.9975	494	0.867	Yes	Yes	79.7203	85	0.577	11.98312	0	4.896
1100	Calibration	Ipswich	Jn G1	Gyr01-3 From Orchard Street	0	Jan-15	MCC	No	0101-1010	10101	10100	122	123	0.106	Yes	Yes	108.0823	110	0.170	Yes	Yes	13.02955	13	0.072	0.867992	0	1.318
1102	Calibration	Ipswich	Jn G1	Gyr 01-5 From St Helens Street E	0	Jan-15	MCC	No	0049-1004	10049	10048	1469	923	15.779	No	No	797.5841	808	0.381	Yes	Yes	661.4213	115	27.760	9.62025	0	4.386
1103	Calibration	Ipswich	Jn G1	Gyr 01-5 From Upper Orwell Street	0	Jan-15	MCC	No	0126-1004	10126	10048	137	158	1.733	Yes	Yes	122.0284	137	1.351	Yes	Yes	13.71532	16	0.657	1.012658	4	1.935
1104	Calibration	Ipswich	Jn G1	Gyr 01-5 To Upper Orwell Street	0	Jan-15	MCC	No	0048-1012	10048	10126	125	127	0.192	Yes	Yes	111.2368	111	0.022	Yes	Yes	12.17235	16	0.955	1.181434	0	1.537
1105	Calibration	Ipswich	Jn G1	Gyr 01-5 To Old Foundry Road	0	Jan-15	MCC	No	0048-1006	10048	10063	79	79	0.015	Yes	Yes	68.23628	68	0.004	Yes	Yes	9.600724	10	0.121	0.843882	0	0.726
1106	Calibration	Ipswich	Jn G1	Gyr 01-5 To St Helens Street W	0	Jan-15	MCC	No	0048-1004	10048	10047	851	875	0.835	Yes	Yes	740.1395	767	0.960	Yes	Yes	102.1791	105	0.290	8.607592	4	1.920
1109	Calibration	Ipswich	Jn G1	Gyr01-9 From Woodbridge Road W	0	Jan-15	MCC	No	0022-1011	10022	10113	1124	1050	2.223	Yes	Yes	973.5706	904	2.286	Yes	Yes	135.7817	136	0.023	14.34599	11	0.836
1126	Calibration	Ipswich	Jn G3	Gyr03-3 From Commercial Road E	0	Jan-15	MCC	No	0001-2003	20001	20005	707	715	0.306	Yes	Yes	588.3926	597	0.338	Yes	Yes	94.80715	92	0.260	24.13501	27	0.488
1129	Calibration	Ipswich	Jn G3	Gyr03-3 To Commercial Road W	0	Jan-15	MCC	No	0005-2000	20005	20006	680	672	0.296	Yes	Yes	557.512	545	0.513	Yes	Yes	97.72166	100	0.158	24.30379	27	0.475
1130	Calibration	Ipswich	Jn G3	Gyr 03-4 To West End Road	0	Jan-15	MCC	No	0006-2000	20006	20009	364	372	0.385	Yes	Yes	289.2156	296	0.386	Yes	Yes	55.88993	56	0.012	19.07172	20	0.159
1131	Calibration	Ipswich	Jn G3	Gyr 03-4 From West End Road	0	Jan-15	MCC	No	0009-2000	20009	20008	290	296	0.352	Yes	Yes	222.3075	225	0.203	Yes	Yes	50.57524	53	0.379	16.70886	17	0.060
1132	Calibration	Ipswich	Jn G3	Gyr 03-5 To Russell Road	0	Jan-15	MCC	No	0007-2001	20007	20011	89	86	0.297	Yes	Yes	77.53368	76	0.212	Yes	Yes	10.45793	9	0.385	1.181434	1	0.243
1133	Calibration	Ipswich	Jn G3	Gyr 03-5 From Russell Road	0	Jan-15	MCC	No	0011-2000	20011	20007	58	54	0.514	Yes	Yes	45.49085	42	0.540	Yes	Yes	10.45793	10	0.105	1.687763	2	0.052
1134	Calibration	Ipswich	Jn G3	Gyr 03-6 From Princes St N	0	Jan-15	MCC	No	0003-2000	20003	20004	242	243	0.057	Yes	Yes	217.3267	218	0.063	Yes	Yes	21.43019	21	0.024	3.037974	3	0.038
1135	Calibration	Ipswich	Jn G3	Gyr 03-6 To Princes St N	0	Jan-15	MCC	No	0004-2002	20004	20003	171	163	0.656	Yes	Yes	144.2757	135	0.777	Yes	Yes	23.48749	24	0.154	3.20675	3	0.018
1136	Calibration	Ipswich	Jn G3	Gyr 03-6 To Chancery Road E	0	Jan-15	MCC	No	0004-2002	20004	20002	663	660	0.098	Yes	Yes	545.7242	539	0.286	Yes	Yes	94.63571	98	0.329	22.27847	23	0.191
1137	Calibration	Ipswich	Jn G3	Gyr 03-6 From Chancery Road W	0	Jan-15	MCC	No	0343-2000	20343	20004	591	580	0.469	Yes	Yes	472.1751	456	0.749	Yes	Yes	96.86445	101	0.373	22.1097	23	0.225
1150	Calibration	ury St. Edmund	1	JTC 1_A-In	0	Jan-16	MCC	No	2304-2107	2304	2107	914	838	2.566	Yes	Yes	768	704	2.362	Yes	Yes	122	110	1.099	24	24	0.007
1151	Calibration	ury St. Edmund	1	JTC 1_A-Out	0	Jan-16	MCC	No	2107-2304	2107	2304	925	924	0.029	Yes	Yes	781	780	0.028	Yes	Yes	121	121	0.006	23	23	0.002
1153	Calibration	ury St. Edmund	1	JTC 1_B-Out	0	Jan-16	MCC	No	2102-2103	2102	2103	396	396	0.014	Yes	Yes	315	315	0.019	Yes	Yes	59	59	0.001	22	22	0.014

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1154	Calibration	ury St. Edmund	1	JTC 1_C-In	0	Jan-16	MCC	No	2110-2100	2110	2100	1069	1064	0.153	Yes	Yes	869	863	0.202	Yes	Yes	144	144	0.036	56	57	0.067
1155	Calibration	ury St. Edmund	1	JTC 1_C-Out	0	Jan-16	MCC	No	2100-2110	2100	2110	1070	1059	0.330	Yes	Yes	877	866	0.377	Yes	Yes	140	140	0.016	52.83333	53	0.077
1157	Calibration	ury St. Edmund	1	JTC 1_D-Out	0	Jan-16	MCC	No	2099-2097	2099	2097	551	482	2.992	Yes	Yes	418	409	0.449	Yes	Yes	85	26	7.891	47.5	47	0.008
1161	Calibration	ury St. Edmund	2	JTC 2_B-Out	0	Jan-16	MCC	No	2088-2091	2088	2091	557	555	0.043	Yes	Yes	406.1667	405	0.076	Yes	Yes	84.16667	84	0.029	66.16667	67	0.096
1164	Calibration	ury St. Edmund	2	JTC 2_D-In	0	Jan-16	MCC	No	5819-5820	5819	5820	375	375	0.001	Yes	Yes	332	332	0.005	Yes	Yes	39	39	0.002	4	4	0.035
1165	Calibration	ury St. Edmund	2	JTC 2_D-Out	0	Jan-16	MCC	No	5820-5819	5820	5819	226	227	0.038	Yes	Yes	191.6667	192	0.007	Yes	Yes	30.66667	31	0.060	3.833333	4	0.067
1167	Calibration	ury St. Edmund	2	JTC 2_E-Out	0	Jan-16	MCC	No	2083-2084	2083	2084	370	364	0.350	Yes	Yes	260.3333	267	0.387	Yes	Yes	62.5	50	1.732	47.5	47	0.004
1171	Calibration	ury St. Edmund	3	JTC 3_B-Out	0	Jan-16	MCC	No	2197-2204	2197	2204	261	247	0.840	Yes	Yes	203.8333	204	0.011	Yes	Yes	43.33333	30	2.168	13.66667	14	0.022
1173	Calibration	ury St. Edmund	3	JTC 3_C-Out	0	Jan-16	MCC	No	2200-2205	2200	2205	441	431	0.502	Yes	Yes	359.1667	358	0.062	Yes	Yes	66.5	60	0.864	15.33333	13	0.652
1177	Calibration	ury St. Edmund	3	JTC 3_E-Out	0	Jan-16	MCC	No	2195-2193	2195	2193	352	361	0.445	Yes	Yes	277.5	275	0.149	Yes	Yes	56.83333	57	0.038	17.83333	29	2.305
1178	Validation	ury St. Edmund	4	JTC 4_A-In	0	Jan-16	MCC	No	2094-2080	2094	2080	438	543	4.762	Yes	No	367.3333	462	4.641	Yes	Yes	59.16667	62	0.412	11.16667	19	1.998
1179	Validation	ury St. Edmund	4	JTC 4_A-Out	0	Jan-16	MCC	No	2080-2094	2080	2094	403	542	6.409	No	No	333.1667	464	6.566	No	No	56.66667	62	0.699	12.66667	15	0.740
1180	Validation	ury St. Edmund	4	JTC 4_B-In	0	Jan-16	MCC	No	2081-2080	2081	2080	674	686	0.483	Yes	Yes	562.5	549	0.590	Yes	Yes	87.83333	110	2.212	23.33333	28	0.892
1181	Validation	ury St. Edmund	4	JTC 4_B-Out	0	Jan-16	MCC	No	2080-2081	2080	2081	714	754	1.483	Yes	Yes	602	601	0.031	Yes	Yes	86.33333	122	3.527	25.66667	31	0.925
1182	Validation	ury St. Edmund	4	JTC 4_C-In	0	Jan-16	MCC	No	2249-2080	2249	2080	473	515	1.894	Yes	Yes	420.3333	416	0.222	Yes	Yes	49.66667	82	4.026	3	17	4.410
1183	Validation	ury St. Edmund	4	JTC 4_C-Out	0	Jan-16	MCC	No	2080-2249	2080	2249	481	519	1.721	Yes	Yes	411.1667	409	0.088	Yes	Yes	63.5	88	2.820	6	22	4.219
1184	Validation	ury St. Edmund	4	JTC 4_D-In	0	Jan-16	MCC	No	2079-2080	2079	2080	555	770	8.378	No	No	467.6667	673	8.603	No	No	68	84	1.831	19.16667	13	1.427
1185	Validation	ury St. Edmund	4	JTC 4_D-Out	0	Jan-16	MCC	No	2080-2079	2080	2079	542	700	6.335	No	No	471.5	624	6.524	No	No	58.16667	66	1.027	12.33333	9	0.890
1186	Calibration	ury St. Edmund	5	JTC 5_A-In	0	Jan-16	MCC	No	2076-2077	2076	2077	611	605	0.220	Yes	Yes	549	534	0.635	Yes	Yes	49.66667	59	1.201	12	13	0.145
1187	Calibration	ury St. Edmund	5	JTC 5_A-Out	0	Jan-16	MCC	No	2077-2076	2077	2076	589	593	0.200	Yes	Yes	515.6667	508	0.357	Yes	Yes	56.5	69	1.614	16.33333	16	0.031
1188	Calibration	ury St. Edmund	5	JTC 5_B-In	0	Jan-16	MCC	No	2128-2077	2128	2077	148	147	0.037	Yes	Yes	131.3333	132	0.089	Yes	Yes	15.33333	14	0.407	1.166667	1	0.070
1189	Calibration	ury St. Edmund	5	JTC 5_B-Out	0	Jan-16	MCC	No	2077-2128	2077	2128	153	147	0.468	Yes	Yes	129	127	0.153	Yes	Yes	20.33333	17	0.861	3.333333	3	0.167
1190	Calibration	ury St. Edmund	5	JTC 5_C-In	0	Jan-16	MCC	No	2075-2077	2075	2077	776	777	0.037	Yes	Yes	693.6667	695	0.041	Yes	Yes	64.66667	65	0.031	17.16667	17	0.074
1191	Calibration	ury St. Edmund	5	JTC 5_C-Out	0	Jan-16	MCC	No	2077-2075	2077	2075	795	783	0.398	Yes	Yes	730.3333	720	0.369	Yes	Yes	53.5	52	0.212	10.83333	11	0.092
1192	Calibration	ury St. Edmund	5	JTC 5_D-In	0	Jan-16	MCC	No	2095-2077	2095	2077	541	534	0.288	Yes	Yes	474.1667	467	0.323	Yes	Yes	57.5	58	0.055	8.833333	9	0.035
1193	Calibration	ury St. Edmund	5	JTC 5_D-Out	0	Jan-16	MCC	No	2077-2095	2077	2095	539	539	0.023	Yes	Yes	473.1667	473	0.003	Yes	Yes	56.83333	57	0.054	8.666667	9	0.016
1194	Calibration	ury St. Edmund	6	JTC 6_A-In	0	Jan-16	MCC	No	2073-2071	2073	2071	666	660	0.232	Yes	Yes	604.8333	600	0.185	Yes	Yes	49.83333	48	0.269	11.33333	12	0.131
1195	Calibration	ury St. Edmund	6	JTC 6_A-Out	0	Jan-16	MCC	No	2071-2073	2071	2073	666	664	0.066	Yes	Yes	595.5	594	0.076	Yes	Yes	53.83333	54	0.010	16.83333	17	0.017
1196	Calibration	ury St. Edmund	6	JTC 6_B-In	0	Jan-16	MCC	No	2072-2251	2072	2251	280	290	0.628	Yes	Yes	241.8333	244	0.117	Yes	Yes	32.66667	38	0.855	5.333333	9	1.384
1197	Calibration	ury St. Edmund	6	JTC 6_B-Out	0	Jan-16	MCC	No	2251-2072	2251	2072	272	259	0.789	Yes	Yes	241	232	0.583	Yes	Yes	23	23	1.279	2.333333	5	1.346
1198	Calibration	ury St. Edmund	6	JTC 6_C-In	0	Jan-16	MCC	No	2113-2251	2113	2251	445	434	0.478	Yes	Yes	390.3333	386	0.220	Yes	Yes	42.33333	40	0.440	11.83333	9	0.889
1199	Calibration	ury St. Edmund	6	JTC 6_C-Out	0	Jan-16	MCC	No	2251-2113	2251	2113	448	447	0.025	Yes	Yes	387.8333	380	0.392	Yes	Yes	46.16667	53	0.984	13.83333	14	0.056
1200	Calibration	ury St. Edmund	6	JTC 6_D-In	0	Jan-16	MCC	No	5822-2071	5822	2071	453	443	0.504	Yes	Yes	384.8333	374	0.551	Yes	Yes	49.5	49	0.004	19	19	0.024
1201	Calibration	ury St. Edmund	6	JTC 6_D-Out	0	Jan-16	MCC	No	2071-5822	2071	5822	457	456	0.044	Yes	Yes	397.5	398	0.036	Yes	Yes	45.33333	45	0.030	14.5	13	0.391
1206	Validation	Felixstowe	7	JTC 7_C-In	0	Jan-16	MCC	No	2918-2914	2918	2914	1073	1215	4.205	Yes	Yes	631.1667	719	3.380	Yes	Yes	108.5	144	3.175	333	352	1.009
1207	Validation	Felixstowe	7	JTC 7_C-Out	0	Jan-16	MCC	No	2914-2917	2914	2917	1042	1147	3.179	Yes	Yes	676	800	4.577	Yes	No	132.6667	101	2.944	233.5	246	0.816
1208	Calibration	Felixstowe	8	JTC 8_A-In	0	Jan-16	MCC	No	5821-2870	5821	2870	87	94	0.731	Yes	Yes	73	74	0.075	Yes	Yes	13.33333	13	0.095	0.333333	7	3.474
1209	Calibration	Felixstowe	8	JTC 8_A-Out	0	Jan-16	MCC	No	2870-5821	2870	5821	83	68	1.683	Yes	Yes	70.5	50	2.605	Yes	Yes	12.16667	12	0.048	0.333333	6	3.215
1212	Calibration	Felixstowe	8	JTC 8_C-In	0	Jan-16	MCC	No	2864-2870	2864	2870	186	175	0.838	Yes	Yes	74	79	0.580	Yes	Yes	23.66667	24	0.066	88.66667	72	1.858
1213	Calibration	Felixstowe	8	JTC 8_C-Out	0	Jan-16	MCC	No	2870-2864	2870	2864	179	153	2.006	Yes	Yes	58.66667	59	0.015	Yes	Yes	15.66667	16	0.084	104.3333	78	2.725
1230	Calibration	Ipswich	10	JTC 10_B-In	0	Jan-16	MCC	No	0064-3006	30064	30062	337	340	0.149	Yes	Yes	259.6667	264	0.297	Yes	Yes	57	59	0.216	20.5	17	0.858
1236	Calibration	Ipswich	11	JTC 11_A-In	0	Jan-16	MCC	No	0048-3079	30048	30799	1041	1038	0.096	Yes	Yes	804.3333	802	0.066	Yes	Yes	143.5	145	0.130	93.33333	91	0.290
1237	Calibration	Ipswich	11	JTC 11_A-Out	0	Jan-16	MCC	No	0796-3004	30796	30048	996	932	2.045	Yes	Yes	762.8333	760	0.102	Yes	Yes	148.6667	85	5.911	84.33333	88	0.346
1240	Calibration	Ipswich	11	JTC 11_C-In	0	Jan-16	MCC	No	0040-3079	50040	30797	1458	1374	2.225	Yes	Yes	910.3333	811	3.399	Yes	Yes	274	290	0.956	273.1667	273	0.004
1241	Calibration	Ipswich	11	JTC 11_C-Out	0	Jan-16	MCC	No	0798-5004	30798	50041	1481	1550	1.792	Yes	Yes	987.5	1075	2.733	Yes	Yes	277	249	1.750	216	226	0.697
1245	Calibration	Ipswich	12	JTC 12_A-Out	0	Jan-16	MCC	No	0026-3002	30026	30025	194	181	0.968	Yes	Yes	131.1667	135	0.303	Yes	Yes	45	45	0.025	17.83333	1	5.520
1250	Calibration	Ipswich	12	JTC 12_D-In	0	Jan-16	MCC	No	0134-3002	30134	30026	202	205	0.267	Yes	Yes	159.8333	160	0.015	Yes	Yes	39.16667	39	0.015	2.5	7	1.919
1251	Calibration	Ipswich	12	JTC 12_D-Out	0	Jan-16	MCC	No	0026-3013	30026	30134	218	221	0.212	Yes	Yes	171.8333	173	0.068	Yes	Yes	43.66667	44	0.059	2.5	4	1.001
1253	Calibration	Ipswich	13	JTC 13_A-Out	0	Jan-16	MCC	No	0016-5001	50016	50013	155	160	0.387	Yes	Yes	92	97	0.495	Yes	Yes	33.16667	33	0.027	29.83333	30	0.036
1254	Calibration	Ipswich	13	JTC 13_B-In	0	Jan-16	MCC	No	0006-5001	50006	50015	426	438	0.575	Yes	Yes	338.8333	338	0.024	Yes	Yes	76.83333	77	0.002	10.16667	23	3.065
1255	Calibration	Ipswich	13	JTC 13_B-Out	0	Jan-16	MCC	No	0014-5000	50014	50006	379	378	0.012	Yes	Yes	298.3333	299	0.013	Yes	Yes	70.33333	70	0.055	10	10	0.000
1257	Calibration	Ipswich	13	JTC 13_C-Out	0	Jan-16	MCC	No	0015-5001	50015	50019	540	514	1.116	Yes	Yes	381.1667	377	0.203	Yes	Yes	93.5	94	0.045	65	43	3.011
1258	Calibration	Ipswich	13	JTC 13_D-In	0	Jan-16	MCC	No	0505-5001	30505	50018	79	22	7.969	No	Yes	61	12	8.033	No	Yes	12.66667	3	3.482	5.166667	7	0.707
1259	Calibration	Ipswich	13	JTC 13_D-Out	0	Jan-16	MCC	No	0018-3050	50018	30505	73	25	6.780	No	Yes	54.16667	19	5.736	No	Yes	13	2	3.810	5.666667	4	0.996
1265	Calibration	Ipswich	14	JTC 14_C-In	0	Jan-16	MCC	No	0511-3001	30011	30510	385	386	0.053	Yes	Yes	346.8333	347	0.026	Yes	Yes	37.66667	38	0.043	0.166667	0	0.507
1266	Calibration	Ipswich	14	JTC 14_C-Out	0	Jan-16	MCC	No	0010-3051	30010	30511	486	450	1.626	Yes	Yes	440.8333	406	1.692	Yes	Yes	44.5	44	0.072	0.333333	0	0.170
1267	Calibration	Ipswich	14	JTC 14_D-Out	0	Jan-16	MCC	No	0010-3001	30010	30013	343	340	0.168	Yes	Yes	262.5	260	0.148	Yes	Yes	68.33333	68	0.085	12.33333	12	0.002
1268	Calibration	Ipswich	14	JTC 14_E-In	0	Jan-16	MCC	No	0008-3001	30008	30010	292	291	0.054	Yes	Yes	213.5	216	0.176	Yes	Yes	64	61	0.442	14.5	14	0.005
1270	Calibration	Newmarket	15	JTC 15_A-In	0	Jan-16	MCC	No	2502-2503	2502	2503	671	669	0.090	Yes	Yes	465.6667	462	0.154	Yes	Yes	121.5	122	0.047	83.83333	84	0.053
1271	Calibration	Newmarket	15	JTC 15_A-Out	0	Jan-16	MCC	No	2503-2502	2503	2502	753	752	0.019	Yes	Yes	530.8333	530	0.054	Yes	Yes	137	137	0.010	85	86	0.065
1273	Calibration	Newmarket	15	JTC 15_B-Out	0	Jan-16	MCC	No	2504-2507	2504	2507	344	332	0.620	Yes	Yes	222	222	0.006	Yes	Yes	72	60	1.514	49.5	50	0.138
1279	Calibration	Newmarket	15	JTC 15_E-Out	0	Jan-16	MCC	No	2505-2496	2505	2496	334	312	1.226	Yes	Yes	215.1667	207	0.542	Yes	Yes	69.83333	56	1.807	49	49	0.021
1280	Calibration	Newmarket	15	JTC 15_F-In	0	Jan-16	MCC	No	2495-2503	2495	2503	360	348	0.621	Yes	Yes	221.5	221	0.064	Yes	Yes	82.5	82	0.055	55.83333	46	1.436
1282	Calibration	Newmarket	16	JTC 16_A-In	0	Jan-16	MCC	No	2448-2447	2448	2447	779	777	0.072	Yes	Yes	669.8333	668	0.052	Yes	Yes	96.5	96	0.076	12.5	13	0.026
1283	Calibration	Newmarket	16	JTC 16_A-Out	0	Jan-16	MCC	No	2447-2448	2447	2448	766	733	1.182	Yes	Yes	662.3333	625	1.482	Yes	Yes	92.66667	95	0.229	10.5	14	0.877
1286	Calibration	Newmarket	16	JTC 16_C-In	0	Jan-16	MCC	No	3436-2447	3436	2447	456	455	0.061	Yes	Yes	387.8333	386	0.080	Yes	Yes	60.83333	61	0.019	7.333333	7	0.050
1287	Calibration	Newmarket	16	JTC 16_C-Out	0	Jan-16	MCC	No	2447-3436	2447	3436	457	485	1.330	Yes	Yes	388.5	416	1.358	Yes	Yes	61.33333	61	0.043	6.666667	9	0.707
1288	Calibration	Newmarket	16	JTC 16_D-In	0	Jan-16	MCC	No	2972-2447	2972	2447	514	519	0.223	Yes	Yes	423.3333	426	0.106	Yes	Yes	73	76	0.312	17.66667	18	0.046
1289	Calibration	Newmarket	16	JTC 16_D-Out	0	Jan-16	MCC	No	2447-2972	2447	2972	532	471	2.696	Yes	Yes	451.1667	391	2.918	Yes	Yes	66.33333	66	0.050	14	14	0.017
1291	Calibration	Newmarket	16	JTC 16_E-Out	0	Jan-16	MCC	No	2972-2449	2972	2449	48	88	4.775	Yes	Yes	42.16667	84	5.232	No	Yes	5.166667	3	0.989	1	1	0.107
1294	Validation	Stowmarket	17	JTC 17_B-In	0	Jan-16	MCC	No	2402-2404	2402	2404	335	363	1.497	Yes	Yes	236.8333	232	0.347	Yes	Yes	65.5	88	2.602	32.66667	43	1.700
1295	Validation	Stowmarket	17	JTC 17_B-Out	0	Jan-16	MCC	No	2411-2403	2411	2403	311	468	7.947	No	No	224.5	342	6.969	No	No	54.5	74	2.486	32.16667	52	3.030
1296	Validation	Stowmarket	17	JTC 17_C-In	0	Jan-16	MCC	No	2394-2405	2394	2405	498	541	1.912	Yes	Yes	376.6667	431	2.721	Yes	Yes	74.16667	67	0.906	46.83333	43	0.522
1297	Validation	Stowmarket	17	JTC 17_C-Out	0	Jan-16	MCC	No	2405-2394	2405	2394	488	460	1.277	Yes	Yes	362.8333	330	1.771	Yes	Yes	78.33333	87	0.924	47	44	0.481
1298	Validation	Stowmarket	17	JTC 17_D-In	0	Jan-16	MCC	No	2415-2406	2415	2406	47	41	0.787	Yes	Yes	38.66667	16	4.260	Yes	Yes	6.166667	13	2.300	1.666667	12	3.858
1299	Validation	Stowmarket	17	JTC 17_D-Out	0	Jan-16	MCC	No	2406-2415	2406	2415	240	242	0.127	Yes	Yes	173.3333	190	1.245	Yes	Yes	43	36	1.135	24	16	1.710
1300	Validation	Stowmarket	17	JTC 17_E-In	0	Jan-16	MCC	No	2408-2409	2408	2409	164	226	4.452	Yes	No	117	186	5.616	No	Yes	28.5	29	0.026	18.16667	11	1.873
1302	Calibration	Stowmarket	18	JTC 18_A-In	0	Jan-16	MCC	No	3895-2364	3895	2364	278	278	0.007	Yes	Yes	217.8333	217	0.025	Yes	Yes	47.16667	47	0.033	13.33333	14	0.127
1303	Calibration	Stowmarket	18	JTC 18_A-Out	0	Jan-16	MCC	No	2364-3895	2364	3895	246	247	0.029	Yes	Yes	199.1667	199	0.007	Yes	Yes	39	39	0.005	8.166667	8	0.112
1304	Calibration	Stowmarket	18	JTC 18_B-In	0	Jan-16	MCC	No	2361-2364	2361	2364	375	374	0.051	Yes	Yes	304.1667	303	0.047	Yes	Yes	53.16667	53	0.031	17.33333	17	0.018
1305	Calibration	Stowmarket	18	JTC 18_B-Out	0	Jan-16	MCC	No	2364-2361	2364	2361	398	399	0.049	Yes	Yes	312.6667	313	0.026	Yes	Yes	62.66667	63	0.041	22.83333	23	0.039
1306	Calibration	Stowmarket	18	JTC 18_C-In	0	Jan-16	MCC	No	2369-2365	2369	2365	110	110	0.019	Yes	Yes	81	81	0.028	Yes	Yes	22.5	22	0.115	6.666667	7	0.033
1307	Calibration	Stowmarket	18	JTC 18_C-Out	0	Jan-16	MCC	No	2364-2370	2364	2370	118	116	0.177	Yes	Yes	82.83333	83	0.018	Yes	Yes	23	23	0.004	11.66667	10	0.524
1309	Calibration	Stowmarket	18	JTC 18_D-Out	0	Jan-16	MCC	No	2365-2362	2365	2362	209	239	1.981	Yes	Yes	162.8333	189	1.945	Yes	Yes	33	33	0.000	13.33333	17	0.991
1310	Validation	Stowmarket	19	JTC 19_A-In	0	Jan-16	MCC	No	2337-2336	2337	2336	388	278	6.014	No	No	332.3333	219	6.858	No	No	41.5	42	0.005	13.83333	18	1.020
1311	Validation	Stowmarket	19	JTC 19_A-Out	0	Jan-16	MCC	No	2336-2337	2336	2337	498	263	12.028	No	No	430.5	222	11.574	No	No	56	32	3.608	11.5	10	0.540
1313	Validation	Stowmarket	19	JTC 19_B-Out	0	Jan-16	MCC	No	2336-5877	2336	5877	139	130	0.823	Yes	Yes	113.8333	106	0.724	Yes	Yes	21.5	18	0.708	4	5	0.563
1314	Validation	Stowmarket	19	JTC 19_C-In	0	Jan-16	MCC	No	2400-2336	2400	2336	569	243	16.171	No	No	502.1667	202	15.993	No	No	55.33333	33	3.320	11.33333	8	1.170
1315	Validation	Stowmarket	19	JTC 19_C-Out	0	Jan-16	MCC	No	2336-2400	2336	2400	674	546	5.181	No	No	589	436	6.737	No	No	67.5	84	1.853	17	26	1.850
1316	Validation	Stowmarket	19	JTC 19_D-In	0	Jan-16	MCC	No	2335-2336	2335	2336	438	460	1.030	Yes	Yes	386.8333	384	0.156	Yes	Yes	44.5	62	2.401	6.833333	14	2.269
1317	Validation	Stowmarket	19	JTC 19_D-Out	0	Jan-16	MCC	No	2336-2335	2336	2335	266	135	9.255	No	No	240.6667	113	9.572	No	No	21.16667	19	0.523	3.833333	3	0.706
1318	Calibration	Sudbury	20	JTC 20_A-In	0	Jan-16	MCC	No	2678-2676	2678	2676	540	540	0.006	Yes	Yes	485.5	486	0.012	Yes	Yes	48.5	48	0.071	6	6	0.039

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1321	Calibration	Sudbury	20	JTC 20_C-In	0	Jan-16	MCC	No	2693-2676	2693	2676	516	509	0.301	Yes	Yes	462.8333	464	0.049	Yes	Yes	50	41	1.372	2.833333	4	0.737
1322	Calibration	Sudbury	20	JTC 20_C-Out	0	Jan-16	MCC	No	2676-2693	2676	2693	461	461	0.013	Yes	Yes	423	423	0.004	Yes	Yes	35.5	36	0.087	2.333333	2	0.103
1323	Calibration	Sudbury	20	JTC 20_D-Out	0	Jan-16	MCC	No	2676-2677	2676	2677	452	453	0.044	Yes	Yes	400.8333	401	0.008	Yes	Yes	44.66667	45	0.091	6.833333	7	0.065
1334	Validation	ury St. Edmund	22	JTC 22_A-In	0	Jan-16	MCC	No	2166-2165	2166	2165	522	501	0.915	Yes	Yes	461.8333	438	1.121	Yes	Yes	50.83333	55	0.530	9	8	0.259
1335	Validation	ury St. Edmund	22	JTC 22_A-Out	0	Jan-16	MCC	No	2165-2166	2165	2166	494	500	0.297	Yes	Yes	431.8333	435	0.141	Yes	Yes	53.5	57	0.411	8.166667	9	0.219
1336	Validation	ury St. Edmund	22	JTC 22_B-In	0	Jan-16	MCC	No	2171-2165	2171	2165	351	298	2.916	Yes	Yes	309.3333	256	3.175	Yes	Yes	35.33333	36	0.036	6	7	0.256
1337	Validation	ury St. Edmund	22	JTC 22_B-Out	0	Jan-16	MCC	No	2165-2171	2165	2171	342	372	1.611	Yes	Yes	304.3333	322	1.002	Yes	Yes	32.83333	45	1.912	4.333333	5	0.365
1338	Validation	ury St. Edmund	22	JTC 22_C-In	0	Jan-16	MCC	No	3359-2165	3359	2165	557	601	1.827	Yes	Yes	489.6667	529	1.725	Yes	Yes	59.66667	63	0.447	7.666667	9	0.528
1339	Validation	ury St. Edmund	22	JTC 22_C-Out	0	Jan-16	MCC	No	2165-3359	2165	3359	594	528	2.796	Yes	Yes	524.6667	466	2.644	Yes	Yes	59.5	52	0.989	10.16667	10	0.003
1340	Calibration	ury St. Edmund	23	JTC 23_A-In	0	Jan-16	MCC	No	5823-5822	5823	5822	269	279	0.601	Yes	Yes	239.8333	247	0.470	Yes	Yes	26.5	26	0.084	2.666667	6	1.483
1341	Calibration	ury St. Edmund	23	JTC 23_A-Out	0	Jan-16	MCC	No	5822-5823	5822	5823	289	287	0.094	Yes	Yes	255.3333	254	0.077	Yes	Yes	29.16667	29	0.102	4.166667	4	0.084
1344	Calibration	ury St. Edmund	23	JTC 23_C-In	0	Jan-16	MCC	No	2142-2141	2142	2141	306	308	0.110	Yes	Yes	278.8333	280	0.072	Yes	Yes	24	25	0.108	3.333333	4	0.104
1345	Calibration	ury St. Edmund	23	JTC 23_C-Out	0	Jan-16	MCC	No	2141-2142	2141	2142	364	381	0.885	Yes	Yes	331.6667	349	0.930	Yes	Yes	30.16667	28	0.485	2.333333	5	1.336
1346	Calibration	ury St. Edmund	23	JTC 23_D-In	0	Jan-16	MCC	No	3349-2141	3349	2141	386	386	0.020	Yes	Yes	325.8333	326	0.009	Yes	Yes	41.66667	42	0.048	18.33333	18	0.017
1347	Calibration	ury St. Edmund	23	JTC 23_D-Out	0	Jan-16	MCC	No	2141-3349	2141	3349	318	319	0.037	Yes	Yes	273.6667	274	0.043	Yes	Yes	32	32	0.009	12.33333	12	0.031
1348	Calibration	Sudbury	24	JTC 24_A-In	0	Jan-16	MCC	No	2627-2626	2627	2626	104	103	0.005	Yes	Yes	81.5	82	0.052	Yes	Yes	18.33333	18	0.078	3.666667	3	0.097
1349	Calibration	Sudbury	24	JTC 24_A-Out	0	Jan-16	MCC	No	2626-2627	2626	2627	99	99	0.057	Yes	Yes	79.83333	80	0.022	Yes	Yes	15.16667	15	0.040	3.5	4	0.271
1350	Calibration	Sudbury	24	JTC 24_B-In	0	Jan-16	MCC	No	5935-2626	5935	2626	205	205	0.009	Yes	Yes	166.3333	166	0.020	Yes	Yes	31.66667	32	0.057	7.333333	7	0.023
1351	Calibration	Sudbury	24	JTC 24_B-Out	0	Jan-16	MCC	No	2626-5935	2626	5935	211	215	0.289	Yes	Yes	165.8333	166	0.007	Yes	Yes	37	37	0.000	7.666667	12	1.325
1358	Validation	Haverhill	25	JTC 25_B-In	0	Jan-16	MCC	No	2611-2612	2611	2612	280	325	2.590	Yes	Yes	234.6667	272	2.355	Yes	Yes	34.83333	42	1.090	10.5	11	0.249
1359	Validation	Haverhill	25	JTC 25_B-Out	0	Jan-16	MCC	No	2612-2611	2612	2611	301	352	2.823	Yes	Yes	257.1667	283	1.571	Yes	Yes	35.83333	56	3.018	8	13	1.461
1362	Validation	Haverhill	26	JTC 26_A-In	0	Jan-16	MCC	No	2623-2540	2623	2540	248	405	8.733	No	No	193.1667	266	4.781	Yes	Yes	41.33333	92	6.157	13.16667	48	6.351
1363	Validation	Haverhill	26	JTC 26_A-Out	0	Jan-16	MCC	No	2540-2623	2540	2623	265	408	7.806	No	No	212.1667	283	4.518	Yes	Yes	42	83	5.159	10.33333	42	6.135
1368	Validation	A14	27	JTC 27_A-In	0	Jan-16	MCC	No	3146-5756	3146	5756	649	583	2.662	Yes	Yes	416.3333	401	0.746	Yes	Yes	134.8333	80	5.288	97.5	101	0.386
1369	Validation	A14	27	JTC 27_A-Out	0	Jan-16	MCC	No	5757-3145	5757	3145	676	595	3.237	Yes	Yes	435.5	416	0.963	Yes	Yes	138.1667	80	5.579	102.6667	99	0.345
1371	Validation	A14	27	JTC 27_B-Out	0	Jan-16	MCC	No	5756-5753	5756	5753	589	526	2.659	Yes	Yes	375	372	0.146	Yes	Yes	122	61	6.372	91.66667	93	0.104
1372	Validation	A14	27	JTC 27_C-In	0	Jan-16	MCC	No	5760-5755	5760	5755	189	175	1.029	Yes	Yes	152.6667	147	0.482	Yes	Yes	33.16667	28	0.930	2.833333	0	2.380
1373	Validation	A14	27	JTC 27_C-Out	0	Jan-16	MCC	No	5755-5760	5755	5760	343	329	0.743	Yes	Yes	249.5	284	2.094	Yes	Yes	67.16667	37	4.199	26.16667	9	4.202
1377	Calibration	A12	28	JTC 28_A-Out	0	Jan-16	MCC	No	3111-3110	3111	3110	163	222	4.221	Yes	Yes	126	179	4.301	Yes	Yes	32.16667	32	0.100	5.166667	11	2.108
1378	Calibration	A12	28	JTC 28_B-In	0	Jan-16	MCC	No	5690-3113	5690	3113	1504	1528	0.626	Yes	Yes	1008.167	1018	0.315	Yes	Yes	282.5	285	0.150	213.1667	225	0.822
1379	Calibration	A12	28	JTC 28_B-Out	0	Jan-16	MCC	No	3111-5688	3111	5688	1485	1487	0.053	Yes	Yes	928.8333	921	0.243	Yes	Yes	281.3333	285	0.215	274.3333	280	0.349
1380	Calibration	A12	28	JTC 28_C-In	0	Jan-16	MCC	No	3112-3113	3112	3113	123	123	0.021	Yes	Yes	93.33333	93	0.008	Yes	Yes	26.16667	26	0.015	3.5	3	0.044
1381	Calibration	A12	28	JTC 28_C-Out	0	Jan-16	MCC	No	3113-3112	3113	3112	82	82	0.001	Yes	Yes	68.33333	69	0.035	Yes	Yes	10.33333	10	0.101	3.666667	4	0.022
1382	Calibration	A12	28	JTC 28_D-In	0	Jan-16	MCC	No	3114-1341	3114	1341	1538	1542	0.097	Yes	Yes	963	961	0.069	Yes	Yes	299.1667	301	0.079	275.8333	280	0.274
1383	Calibration	A12	28	JTC 28_D-Out	0	Jan-16	MCC	No	1342-3115	1342	3115	1545	1569	0.611	Yes	Yes	1033.167	1043	0.299	Yes	Yes	298.3333	301	0.140	213	225	0.816
1385	Calibration	A12	29	JTC 29_A-Out	0	Jan-16	MCC	No	3116-3114	3116	3114	1669	1609	1.488	Yes	Yes	1063.333	1023	1.257	Yes	Yes	315.3333	308	0.416	290.6667	278	0.731
1389	Calibration	A12	29	JTC 29_C-Out	0	Jan-16	MCC	No	3117-3119	3117	3119	1479	1484	0.148	Yes	Yes	971.6667	977	0.186	Yes	Yes	286.8333	288	0.068	220	219	0.085
1400	Calibration	A11	31	JTC 31_A-In	0	Jan-16	MCC	No	3277-3785	3277	3785	1264	1252	0.319	Yes	Yes	885.5	907	0.703	Yes	Yes	225.6667	193	2.268	152.3333	153	0.037
1401	Calibration	A11	31	JTC 31_A-Out	0	Jan-16	MCC	No	3785-3277	3785	3277	1256	1225	0.863	Yes	Yes	878.5	896	0.583	Yes	Yes	231.5	184	3.276	145.8333	145	0.045
1402	Calibration	A11	31	JTC 31_B-In	0	Jan-16	MCC	No	3786-3785	3786	3785	89	84	0.556	Yes	Yes	66.5	65	0.202	Yes	Yes	16.16667	13	0.954	6	6	0.039
1403	Calibration	A11	31	JTC 31_B-Out	0	Jan-16	MCC	No	3785-3786	3785	3786	126	126	0.029	Yes	Yes	88.33333	88	0.068	Yes	Yes	24.66667	27	0.374	12.5	12	0.271
1406	Calibration	A11	32	JTC 32_A-In	0	Jan-16	MCC	No	3794-5672	3794	5672	153	158	0.391	Yes	Yes	126.5	124	0.255	Yes	Yes	21.83333	21	0.206	4.666667	13	2.893
1407	Calibration	A11	32	JTC 32_A-Out	0	Jan-16	MCC	No	5672-3794	5672	3794	131	136	0.385	Yes	Yes	105	105	0.020	Yes	Yes	21.66667	22	0.067	4.666667	9	1.524
1408	Calibration	A11	32	JTC 32_B-In	0	Jan-16	MCC	No	5674-3790	5674	3790	124	109	1.385	Yes	Yes	86.5	86	0.071	Yes	Yes	23.33333	23	0.065	14.33333	0	5.162
1409	Calibration	A11	32	JTC 32_B-Out	0	Jan-16	MCC	No	5672-5673	5672	5673	139	122	1.442	Yes	Yes	96.16667	96	0.008	Yes	Yes	26.33333	26	0.071	16.33333	0	5.645
1410	Calibration	A11	32	JTC 32_C-In	0	Jan-16	MCC	No	3789-3790	3789	3790	187	186	0.072	Yes	Yes	158.3333	157	0.089	Yes	Yes	23.83333	24	0.036	4.833333	5	0.019
1411	Calibration	A11	32	JTC 32_C-Out	0	Jan-16	MCC	No	3790-3789	3790	3789	172	181	0.653	Yes	Yes	144.5	144	0.041	Yes	Yes	23.16667	23	0.043	4.333333	14	3.119
1412	Calibration	A11	32	JTC 32_D-In	0	Jan-16	MCC	No	5659-3790	5659	3790	101	118	1.576	Yes	Yes	64.83333	81	1.900	Yes	Yes	19.66667	20	0.073	16.66667	17	0.015
1413	Calibration	A11	32	JTC 32_D-Out	0	Jan-16	MCC	No	3790-5659	3790	5659	90	95	0.534	Yes	Yes	57	57	0.004	Yes	Yes	18.5	18	0.119	14.33333	20	1.369
1415	Calibration	A11	32	JTC 32_E-Out	0	Jan-16	MCC	No	3790-5671	3790	5671	125	130	0.447	Yes	Yes	104.8333	116	1.082	Yes	Yes	14	14	0.000	6.333333	0	3.548
1416	Calibration	A11	32	JTC 32_F-In	0	Jan-16	MCC	No	5824-5672	5824	5672	131	132	0.132	Yes	Yes	96.16667	96	0.030	Yes	Yes	26.16667	26	0.033	8.5	10	0.642
1417	Calibration	A11	32	JTC 32_F-Out	0	Jan-16	MCC	No	5672-5824	5672	5824	39	39	0.021	Yes	Yes	24.83333	25	0.033	Yes	Yes	11.16667	11	0.050	3	3	0.075
1420	Calibration	Sudbury	33	JTC 33_B-In	0	Jan-16	MCC	No	2763-2762	2763	2762	528	489	1.722	Yes	Yes	437.3333	409	1.359	Yes	Yes	69.33333	62	0.934	20.83333	18	0.751
1421	Calibration	Sudbury	33	JTC 33_B-Out	0	Jan-16	MCC	No	2762-2763	2762	2763	500	501	0.039	Yes	Yes	402.1667	406	0.173	Yes	Yes	75.5	74	0.210	22.16667	21	0.172
1422	Calibration	Sudbury	33	JTC 33_C-In	0	Jan-16	MCC	No	2761-2762	2761	2762	440	443	0.155	Yes	Yes	374	378	0.183	Yes	Yes	54.16667	54	0.023	11.83333	12	0.035
1423	Calibration	Sudbury	33	JTC 33_C-Out	0	Jan-16	MCC	No	2762-2761	2762	2761	439	442	0.112	Yes	Yes	378.8333	379	0.009	Yes	Yes	52.83333	53	0.013	7.666667	10	0.704
1426	Calibration	Sudbury	34	JTC 34_A-In	0	Jan-16	MCC	No	2781-2783	2781	2783	742	733	0.311	Yes	Yes	597.1667	596	0.050	Yes	Yes	113.1667	106	0.692	31.33333	31	0.001
1427	Calibration	Sudbury	34	JTC 34_A-Out	0	Jan-16	MCC	No	2783-2781	2783	2781	642	631	0.428	Yes	Yes	511.5	505	0.295	Yes	Yes	98.33333	94	0.449	32	32	0.047
1430	Calibration	Sudbury	34	JTC 34_C-In	0	Jan-16	MCC	No	2658-2783	2658	2783	371	370	0.039	Yes	Yes	320.3333	320	0.024	Yes	Yes	46.33333	46	0.049	4.333333	4	0.005
1431	Calibration	Sudbury	34	JTC 34_C-Out	0	Jan-16	MCC	No	2783-2658	2783	2658	347	348	0.062	Yes	Yes	300.8333	301	0.009	Yes	Yes	42.33333	42	0.051	3.666667	5	0.642
1432	Calibration	Sudbury	34	JTC 34_D-In	0	Jan-16	MCC	No	2782-2783	2782	2783	489	374	5.536	No	No	411	301	5.807	No	No	65	59	0.698	12.5	13	0.044
1433	Calibration	Sudbury	34	JTC 34_D-Out	0	Jan-16	MCC	No	2783-2782	2783	2782	435	440	0.255	Yes	Yes	358	358	0.017	Yes	Yes	63.33333	63	0.044	13.33333	19	1.486
1434	Calibration	Lowestoft	1	JTC 1_A-In	0	Jan-15	MCC	No	6345-1020	6345	1020	355	357	0.128	Yes	Yes	306.5572	305	0.075	Yes	Yes	46.11777	46	0.031	2.194092	6	1.926
1435	Calibration	Lowestoft	1	JTC 1_A-Out	0	Jan-15	MCC	No	1020-6345	1020	6345	330	324	0.338	Yes	Yes	276.2512	276	0.042	Yes	Yes	49.37515	44	0.811	4.219408	4	0.058
1436	Calibration	Lowestoft	1	JTC 1_B-In	0	Jan-15	MCC	No	5370-1020	5370	1020	84	84	0.018	Yes	Yes	70.9361	71	0.003	Yes	Yes	13.201	13	0.067	0.337553	0	0.163
1437	Calibration	Lowestoft	1	JTC 1_B-Out	0	Jan-15	MCC	No	1020-5370	1020	5370	87	86	0.026	Yes	Yes	73.9334	74	0.004	Yes	Yes	12.34379	12	0.107	0.337553	0	0.156
1438	Calibration	Lowestoft	1	JTC 1_C-In	0	Jan-15	MCC	No	1010-1020	1010	1020	454	453	0.027	Yes	Yes	370.1666	370	0.008	Yes	Yes	64.97633	64	0.094	18.73417	19	0.074
1439	Calibration	Lowestoft	1	JTC 1_C-Out	0	Jan-15	MCC	No	1020-1010	1020	1010	510	510	0.004	Yes	Yes	417.4573	418	0.008	Yes	Yes	70.46246	70	0.089	21.77215	22	0.140
1440	Calibration	Lowestoft	1	JTC 1_D-In	0	Jan-15	MCC	No	5340-1020	5340	1020	578	577	0.047	Yes	Yes	451.4267	450	0.050	Yes	Yes	105.7794	106	0.005	20.59071	21	0.007
1441	Calibration	Lowestoft	1	JTC 1_D-Out	0	Jan-15	MCC	No	1020-5340	1020	5340	513	512	0.061	Yes	Yes	398.4744	398	0.034	Yes	Yes	93.43562	93	0.057	21.43459	21	0.033
1442	Validation	Lowestoft	1	JTC 1_E-In	0	Jan-15	MCC	No	10258-1020	10258	1020	770	803	1.169	Yes	Yes	608.7849	634	1.006	Yes	Yes	122.0664	131	0.790	38.98733	38	0.193
1443	Validation	Lowestoft	1	JTC 1_E-Out	0	Jan-15	MCC	No	1020-10258	1020	10258	801	842	1.429	Yes	Yes	641.7552	665	0.926	Yes	Yes	126.5238	141	1.284	33.08016	36	0.415
1446	Calibration	Lowestoft	2	JTC 2_B-In	0	Jan-15	MCC	No	6341-3000	6341	3000	237	233	0.235	Yes	Yes	209.1449	206	0.204	Yes	Yes	23.48749	23	0.170	4.219408	4	0.079
1447	Calibration	Lowestoft	2	JTC 2_B-Out	0	Jan-15	MCC	No	3000-6341	3000	6341	234	234	0.037	Yes	Yes	205.3151	205	0.051	Yes	Yes	26.91632	27	0.035	2.194092	2	0.011
1450	Calibration	Lowestoft	2	JTC 2_D-In	0	Jan-15	MCC	No	6340-3000	6340	3000	179	178	0.085	Yes	Yes	161.1881	161	0.035	Yes	Yes	16.45838	16	0.124	1.518987	1	0.162
1451	Calibration	Lowestoft	2	JTC 2_D-Out	0	Jan-15	MCC	No	3000-6340	3000	6340	188	188	0.028	Yes	Yes	170.6796	171	0.014	Yes	Yes	15.42974	15	0.118	1.85654	2	0.081
1452	Calibration	Lowestoft	2	JTC 2_E-In	0	Jan-15	MCC	No	6337-3000	6337	3000	433	433	0.001	Yes	Yes	351.1837	351	0.024	Yes	Yes	65.6621	66	0.043	16.03375	16	0.019
1453	Calibration	Lowestoft	2	JTC 2_E-Out	0	Jan-15	MCC	No	3000-6337	3000	6337	446	447	0.039	Yes	Yes	354.514	355	0.049	Yes	Yes	69.43381	69	0.039	21.94092	22	0.046
1454	Calibration	Lowestoft	2	JTC 2_F-In	0	Jan-15	MCC	No	3010-3000	3010	3000	661	660	0.058	Yes	Yes	556.4987	555	0.069	Yes	Yes	88.63526	89	0.010	15.86497	16	0.059
1455	Calibration	Lowestoft	2	JTC 2_F-Out	0	Jan-15	MCC	No	3000-3010	3000	3010	668	662	0.238	Yes	Yes	565.6571	560	0.241	Yes	Yes	87.60561	86	0.127	15.02109	16	0.197
1456	Calibration	Lowestoft	3	JTC 3_A-In	0	Jan-15	MCC	No	6306-8050	6306	8050	275	267	0.520	Yes	Yes	228.6274	220	0.573	Yes	Yes	41.3174	40	0.180	5.232066	6	0.486
1457	Calibration	Lowestoft	3	JTC 3_A-Out	0	Jan-15	MCC	No	8050-6306	8050	6306	315	309	0.310	Yes	Yes	260.2656	255	0.347	Yes	Yes	44.91767	45	0.008	9.62025	10	0.013
1458	Calibration	Lowestoft	3	JTC 3_B-In	0	Jan-15	MCC	No	10222-8050	10222	8050	257	256	0.080	Yes	Yes	228.6274	229	0.004	Yes	Yes	25.03046	25	0.107	3.713079	3	0.372
1459	Calibration	Lowestoft	3	JTC 3_B-Out	0	Jan-15	MCC	No	8050-10222	8050	10222	227	218	0.544	Yes	Yes	196.1666	192	0.327	Yes	Yes	26.91632	23	0.701	3.544303	3	0.031
1460	Calibration	Lowestoft	3	JTC 3_C-In	0	Jan-15	MCC	No	10216-8050	10216	8050	426	420	0.329	Yes	Yes	354.181	348	0.332	Yes	Yes	58.633	59	0.019	13.50211	13	0.192
1461	Calibration	Lowestoft	3	JTC 3_C-Out	0	Jan-15	MCC	No	8050-10216	8050	10216	433	428	0.248	Yes	Yes	367.0027	363	0.226	Yes	Yes	57.09002	56	0.085	9.282698	9	0.062
1462	Calibration	Lowestoft	3	JTC 3_D-In	0	Jan-15	MCC	No	9420-8050	9420	8050	137	135	0.184	Yes	Yes	112.8983	113	0.006	Yes	Yes	22.45884	20	0.454	1.85654	2	0.084
1463	Calibration	Lowestoft	3	JTC 3_D-Out	0	Jan-15	MCC	No	8050-9420	8050	9420	121	121	0.001	Yes	Yes	100.9091	101	0.034	Yes	Yes	18.51568	19	0.103	1.85654	2	0.088
1464	Calibration	Lowestoft	4	JTC 4_A-In	0	Jan-15	MCC	No	6280-6270	6280	6270	804	825	0.765	Yes	Yes	662.4033	679	0.657	Yes	Yes	115.723	119	0.301	25.48522	27	0.305
1465	Calibration	Lowestoft	4	JTC 4_A-Out	0	Jan-15	MCC	No	6270-6280	6270	6280	814	832	0.633	Yes	Yes	675.0586	692	0.650	Yes	Yes	114.6944	115	0.029	23.96624	25	0.177
1466	Calibration	Lowestoft	4	JTC 4_B-In	0	Jan-15	MCC	No	6260-6270	6260	6270	586	592	0.231	Yes	Yes	490.7246	497	0.290	Yes	Yes	79.89174	79	0.094	15.6962	16	0.001
1467	Calibration	Lowestoft	4	JTC 4_B-Out	0	Jan-15	MCC	No	6270-6260	6270	6260	610	617	0.273	Yes	Yes	507.2098	512	0.197	Yes	Yes	82.97769	85	0.214	20.08438	20	0.076

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1468	Calibration	Lowestoft	4	JTC 4_C-In	0	Jan-15	MCC	No	8070-6270	8070	6270	241	240	0.053	Yes	Yes	196.1566	195	0.095	Yes	Yes	36.17416	36	0.034	8.438816	9	0.241
1469	Calibration	Lowestoft	4	JTC 4_C-Out	0	Jan-15	MCC	No	6270-8070	6270	8070	207	208	0.120	Yes	Yes	167.0162	168	0.058	Yes	Yes	34.11686	34	0.013	5.569619	7	0.424
1472	Calibration	Lowestoft	5	JTC 5_B-In	0	Jan-15	MCC	No	9470-6230	9470	6230	376	378	0.087	Yes	Yes	352.0162	354	0.102	Yes	Yes	22.2874	22	0.090	2.025316	2	0.100
1473	Calibration	Lowestoft	5	JTC 5_B-Out	0	Jan-15	MCC	No	6230-9470	6230	9470	383	382	0.060	Yes	Yes	356.0126	355	0.067	Yes	Yes	24.68758	25	0.014	2.025316	2	0.114
1474	Calibration	Lowestoft	5	JTC 5_C-In	0	Jan-15	MCC	No	10234-6230	10234	6230	571	585	0.567	Yes	Yes	485.8956	494	0.382	Yes	Yes	75.43426	78	0.327	9.789027	12	0.697
1475	Calibration	Lowestoft	5	JTC 5_C-Out	0	Jan-15	MCC	No	6230-10234	6230	10234	587	592	0.230	Yes	Yes	496.5527	499	0.097	Yes	Yes	74.7485	77	0.297	15.35865	16	0.206
1476	Calibration	Lowestoft	5	JTC 5_D-In	0	Jan-15	MCC	No	10220-6230	10220	6230	181	180	0.103	Yes	Yes	159.3565	158	0.085	Yes	Yes	20.40154	20	0.103	1.181434	1	0.125
1477	Calibration	Lowestoft	5	JTC 5_D-Out	0	Jan-15	MCC	No	6230-10220	6230	10220	207	209	0.142	Yes	Yes	184.8335	187	0.129	Yes	Yes	19.88721	20	0.050	2.531645	3	0.048
1478	Calibration	Lowestoft	6	JTC 6_A-In	0	Jan-15	MCC	No	9991-6200	9991	6200	123	123	0.024	Yes	Yes	107.5698	108	0.044	Yes	Yes	14.22965	14	0.058	0.843882	1	0.023
1479	Calibration	Lowestoft	6	JTC 6_A-Out	0	Jan-15	MCC	No	6200-9991	6200	9991	119	123	0.312	Yes	Yes	105.4051	108	0.249	Yes	Yes	12.85811	14	0.182	1.181434	1	0.174
1480	Calibration	Lowestoft	6	JTC 6_B-In	0	Jan-15	MCC	No	6190-6200	6190	6200	611	591	0.830	Yes	Yes	525.1936	506	0.852	Yes	Yes	75.94859	75	0.130	9.789027	10	0.048
1481	Calibration	Lowestoft	6	JTC 6_B-Out	0	Jan-15	MCC	No	6200-6190	6200	6190	625	600	1.038	Yes	Yes	527.1918	503	1.076	Yes	Yes	82.29192	81	0.106	15.86497	16	0.076
1482	Calibration	Lowestoft	6	JTC 6_C-In	0	Jan-15	MCC	No	6210-6200	6210	6200	541	544	0.145	Yes	Yes	452.4258	454	0.091	Yes	Yes	73.20552	75	0.181	15.35865	15	0.029
1483	Calibration	Lowestoft	6	JTC 6_C-Out	0	Jan-15	MCC	No	6200-6210	6200	6210	530	535	0.243	Yes	Yes	452.5923	458	0.231	Yes	Yes	68.23372	69	0.062	8.945145	9	0.054
1488	Calibration	Lowestoft	7	JTC 7_C-In	0	Jan-15	MCC	No	7060-7070	7060	7070	419	419	0.024	Yes	Yes	366.1702	364	0.124	Yes	Yes	43.71758	47	0.429	9.113921	9	0.007
1489	Calibration	Lowestoft	7	JTC 7_C-Out	0	Jan-15	MCC	No	7070-7060	7070	7060	342	344	0.080	Yes	Yes	292.7363	294	0.063	Yes	Yes	40.11731	41	0.065	9.282698	9	0.000
1490	Calibration	Lowestoft	7	JTC 7_D-In	0	Jan-15	MCC	No	6305-7070	6305	7070	103	103	0.000	Yes	Yes	92.41675	92	0.025	Yes	Yes	10.45793	10	0.143	0	1	1.180
1491	Calibration	Lowestoft	7	JTC 7_D-Out	0	Jan-15	MCC	No	7070-6305	7070	6305	131	131	0.031	Yes	Yes	119.559	120	0.006	Yes	Yes	11.48658	11	0.154	0.337553	0	0.150
1500	Validation	Lowestoft	9	JTC 9_A-In	0	Jan-15	MCC	No	6260-6250	6260	6250	612	617	0.204	Yes	Yes	507.2098	512	0.197	Yes	Yes	84.34922	85	0.064	20.42193	20	0.001
1501	Validation	Lowestoft	9	JTC 9_A-Out	0	Jan-15	MCC	No	6250-6260	6250	6260	588	592	0.155	Yes	Yes	492.5563	497	0.207	Yes	Yes	80.23463	79	0.133	15.35865	16	0.087
1502	Calibration	Lowestoft	9	JTC 9_B-In	0	Jan-15	MCC	No	9990-6250	9990	6250	151	143	0.686	Yes	Yes	132.8803	133	0.053	Yes	Yes	15.60118	9	2.046	2.362868	1	1.509
1503	Calibration	Lowestoft	9	JTC 9_B-Out	0	Jan-15	MCC	No	6250-9990	6250	9990	141	133	0.736	Yes	Yes	123.0558	121	0.203	Yes	Yes	16.28694	10	1.709	2.025316	2	0.118
1504	Calibration	Lowestoft	9	JTC 9_C-In	0	Jan-15	MCC	No	10257-6250	10257	6250	489	493	0.146	Yes	Yes	411.9622	412	0.014	Yes	Yes	68.23372	69	0.090	9.113921	12	0.857
1505	Calibration	Lowestoft	9	JTC 9_C-Out	0	Jan-15	MCC	No	6250-10257	6250	10257	534	533	0.012	Yes	Yes	445.7651	445	0.025	Yes	Yes	71.14823	71	0.038	16.70886	17	0.139
1506	Calibration	Lowestoft	9	JTC 9_D-In	0	Jan-15	MCC	No	7090-6250	7090	6250	226	220	0.423	Yes	Yes	193.1593	189	0.305	Yes	Yes	26.40199	24	0.397	6.582276	6	0.041
1507	Calibration	Lowestoft	9	JTC 9_D-Out	0	Jan-15	MCC	No	6250-7090	6250	7090	217	216	0.107	Yes	Yes	184.8335	184	0.054	Yes	Yes	27.43064	27	0.177	5.06329	5	0.034
1615	Calibration	Lowestoft	C103	Oulton Road	EB	Jan-16	ATC	No	7070-9310	7070	9310	235	208	1.820	Yes	Yes	183.6932	184	0.042	Yes	Yes	36.02311	21	2.727	15.117	2	4.445
1616	Calibration	Lowestoft	C103	Oulton Road	WB	Jan-16	ATC	No	9310-7070	9310	7070	235	200	2.349	Yes	Yes	183.6606	177	0.476	Yes	Yes	36.01672	20	3.065	15.11432	3	3.996
1617	Calibration	Lowestoft	C105	Long Road	SB	Jan-16	ATC	No	5180-3010	5180	3010	164	81	7.481	No	Yes	128.6113	79	4.911	Yes	Yes	25.22102	3	6.039	10.58404	0	4.489
1618	Calibration	Lowestoft	C105	Long Road	NB	Jan-16	ATC	No	3010-5180	3010	5180	147	52	9.572	No	Yes	114.8897	49	7.341	No	Yes	22.53043	3	5.509	9.45483	3	4.268
1619	Calibration	Lowestoft	C106	Victoria Road	EB	Jan-16	ATC	No	9617-4020	9617	4020	309	291	1.024	Yes	Yes	241.7737	241	0.052	Yes	Yes	47.41296	42	0.879	19.89672	9	2.925
1620	Calibration	Lowestoft	C106	Victoria Road	WB	Jan-16	ATC	No	4020-9617	4020	9617	326	322	0.200	Yes	Yes	254.713	261	0.361	Yes	Yes	49.95043	50	0.054	20.96156	11	2.434
1623	Calibration	Lowestoft	C108	Crestview Drive	SB	Jan-16	ATC	No	10228-9300	10228	9300	115	108	0.692	Yes	Yes	90.0866	89	0.078	Yes	Yes	17.66641	17	0.223	7.413659	2	2.634
1624	Calibration	Lowestoft	C108	Crestview Drive	NB	Jan-16	ATC	No	9300-10228	9300	10228	119	114	0.464	Yes	Yes	93.31329	93	0.004	Yes	Yes	18.29918	18	0.068	7.679199	3	2.066
1625	Calibration	Lowestoft	C109	Millenium Way	SB	Jan-16	ATC	No	7090-7080	7090	7080	490	431	2.742	Yes	Yes	383.031	371	0.618	Yes	Yes	75.1142	51	3.015	31.52146	9	5.104
1626	Calibration	Lowestoft	C109	Millenium Way	NB	Jan-16	ATC	No	7080-7090	7080	7090	466	428	1.776	Yes	Yes	364.2249	360	0.240	Yes	Yes	71.42624	56	1.981	29.97382	13	3.717
1627	Calibration	Lowestoft	C110	St.Peters Street	EB	Jan-16	ATC	No	10171-9170	10171	9170	306	298	0.413	Yes	Yes	239.0684	240	0.047	Yes	Yes	46.88246	47	0.005	19.67409	12	2.005
1628	Calibration	Lowestoft	C110	St.Peters Street	WB	Jan-16	ATC	No	9170-10171	9170	10171	274	264	0.626	Yes	Yes	214.2979	211	0.197	Yes	Yes	42.02484	42	0.004	17.6356	10	1.989
1629	Calibration	Lowestoft	C111	Cotmer Road Oulton Broad	SB	Jan-16	ATC	No	2030-3040	2030	3040	552	535	0.748	Yes	Yes	431.8551	431	0.050	Yes	Yes	84.68883	85	0.010	35.53943	19	3.153
1630	Calibration	Lowestoft	C111	Cotmer Road Oulton Broad	NB	Jan-16	ATC	No	3040-2030	3040	2030	423	389	1.684	Yes	Yes	330.9477	304	1.516	Yes	Yes	64.90041	69	0.460	27.23527	17	2.285
1631	Calibration	Lowestoft	C112	Ashburnham Way Carlton Colville	EB	Jan-16	ATC	No	5105-6355	5105	6355	236	193	2.946	Yes	Yes	184.3777	184	0.025	Yes	Yes	36.15734	9	5.839	15.17333	0	5.509
1632	Calibration	Lowestoft	C112	Ashburnham Way Carlton Colville	WB	Jan-16	ATC	No	6355-5105	6355	5105	254	183	4.847	Yes	Yes	199.077	168	2.269	Yes	Yes	39.03995	14	4.745	16.38301	0	5.724
1633	Validation	Lowestoft	C113	Lowestoft Road Carlton Colville	EB	Jan-16	ATC	No	6335-9604	6335	9604	205	114	7.240	No	Yes	160.4545	105	4.839	Yes	Yes	31.4659	8	5.204	13.20457	1	4.733
1634	Validation	Lowestoft	C113	Lowestoft Road Carlton Colville	WB	Jan-16	ATC	No	9604-6335	9604	6335	197	102	7.736	No	Yes	154.2293	95	5.303	No	Yes	30.2451	6	5.689	12.69227	1	4.240
1635	Calibration	Lowestoft	C116	Tom Crisp Way	SB	Jan-16	ATC	No	6315-6413	6315	6413	588	575	0.542	Yes	Yes	459.7871	467	0.358	Yes	Yes	90.16644	80	1.154	37.83809	28	1.770
1636	Calibration	Lowestoft	C116	Tom Crisp Way	NB	Jan-16	ATC	No	6413-6315	6413	6315	544	531	0.575	Yes	Yes	425.7276	424	0.106	Yes	Yes	83.48721	84	0.031	35.03517	24	2.110
1637	Calibration	ury St. Edmund	C200	Compiegne Way	SB	Jan-16	ATC	No	2082-2081	2082	2081	685	686	0.059	Yes	Yes	547.4158	549	0.051	Yes	Yes	109.9852	110	0.016	27.3074	28	0.102
1638	Calibration	ury St. Edmund	C200	Compiegne Way	NB	Jan-16	ATC	No	2081-2082	2081	2082	756	754	0.060	Yes	Yes	604.2793	601	0.123	Yes	Yes	121.41	122	0.086	30.14399	31	0.077
1643	Calibration	Ipswich	C303	Woodbridge Road	EB	Jan-16	ATC	No	20062-20278	20062	20278	451	442	0.410	Yes	Yes	391.2262	390	0.051	Yes	Yes	37.88193	38	0.029	21.64183	14	1.857
1644	Calibration	Ipswich	C303	Woodbridge Road	WB	Jan-16	ATC	No	20278-20062	20278	20062	487	484	0.149	Yes	Yes	422.5084	423	0.009	Yes	Yes	40.91094	41	0.050	23.37229	20	0.674
1649	Validation	Ipswich	C306	Felixstowe Road	EB	Jan-16	ATC	No	30248-30250	30248	30250	397	446	2.371	Yes	Yes	344.5019	423	3.989	Yes	Yes	33.35767	23	1.961	19.05713	0	6.174
1650	Validation	Ipswich	C306	Felixstowe Road	WB	Jan-16	ATC	No	30250-30248	30250	30248	420	443	1.115	Yes	Yes	364.1753	421	2.860	Yes	Yes	35.26262	22	2.497	20.14542	0	6.348
1651	Calibration	Ipswich	C307	Sproughton Road	EB	Jan-16	ATC	No	30142-30144	30142	30144	445	339	5.359	No	No	386.4164	297	4.846	Yes	Yes	37.41619	21	3.099	21.37575	22	0.032
1652	Calibration	Ipswich	C307	Sproughton Road	WB	Jan-16	ATC	No	30144-30142	30144	30142	332	330	0.074	Yes	Yes	287.9046	286	0.115	Yes	Yes	27.87743	28	0.040	15.92629	16	0.095
1653	Calibration	Ipswich	C308	Nacton Road	EB	Jan-16	ATC	No	30239-30433	30239	30433	596	660	2.580	Yes	Yes	516.8613	569	2.245	Yes	Yes	50.04701	89	4.624	29.5917	2	6.644
1654	Calibration	Ipswich	C308	Nacton Road	WB	Jan-16	ATC	No	30433-30239	30433	30239	765	626	5.306	No	No	664.3758	553	4.494	Yes	No	64.33064	66	0.267	36.75189	6	6.779
1657	Calibration	Stowmarket	C600	Gipping Way	SB	Jan-16	ATC	No	2331-2416	2331	2416	345	337	0.412	Yes	Yes	272.037	272	0.011	Yes	Yes	54.65687	55	0.046	18.22275	10	2.051
1658	Calibration	Stowmarket	C600	Gipping Way	NB	Jan-16	ATC	No	2416-2331	2416	2331	309	310	0.051	Yes	Yes	243.7094	244	0.019	Yes	Yes	48.96538	49	0.004	16.32519	17	0.142
1659	Calibration		M002	A12 Woodbridge	SB	Jan-16	ATC	No	50051-50050	50051	50050	1143	1152	0.292	Yes	Yes	902.5875	902	0.016	Yes	Yes	181.3452	172	0.689	58.56735	78	2.360
1660	Calibration		M002	A12 Woodbridge	NB	Jan-16	ATC	No	50050-50051	50050	50051	1084	1064	0.619	Yes	Yes	856.3389	825	1.087	Yes	Yes	172.0531	177	0.385	55.56636	62	0.806
1661	Calibration	Ipswich	M006	Freston Hill	SB	Jan-16	ATC	No	50049-3106	50049	3106	307	289	1.043	Yes	Yes	238.8761	251	0.780	Yes	Yes	47.99428	35	2.093	20.29626	4	4.859
1662	Calibration	Ipswich	M006	Freston Hill	NB	Jan-16	ATC	No	3106-50049	3106	50049	292	274	1.086	Yes	Yes	226.9518	240	0.882	Yes	Yes	45.59847	29	2.692	19.2831	4	4.478
1663	Calibration		M008	Long Melford Bypass	SB	Jan-16	ATC	No	2789-2762	2789	2762	281	285	0.269	Yes	Yes	219.2663	219	0.006	Yes	Yes	44.05433	44	0.017	17.1794	22	1.069
1664	Calibration		M008	Long Melford Bypass	NB	Jan-16	ATC	No	2762-2789	2762	2789	294	294	0.040	Yes	Yes	230.0363	230	0.018	Yes	Yes	46.21822	46	0.032	18.02323	18	0.047
1667	Calibration	Ipswich	M012	Tattingstone	SB	Jan-16	ATC	No	3107-3665	3107	3665	263	270	0.443	Yes	Yes	204.464	211	0.419	Yes	Yes	41.08029	42	0.120	17.37241	18	0.100
1668	Calibration	Ipswich	M012	Tattingstone	NB	Jan-16	ATC	No	3665-3107	3665	3107	268	265	0.172	Yes	Yes	208.1579	205	0.227	Yes	Yes	41.82247	42	0.015	17.68627	18	0.086
1669	Calibration		M014	Rickinghall/Botesdale Bypass	EB	Jan-16	ATC	No	3943-3261	3943	3261	240	247	0.458	Yes	Yes	179.0822	170	0.699	Yes	Yes	35.98066	39	0.431	24.68713	38	2.446
1670	Calibration		M014	Rickinghall/Botesdale Bypass	WB	Jan-16	ATC	No	3261-3943	3261	3943	235	237	0.122	Yes	Yes	175.9077	151	1.953	Yes	Yes	35.34284	48	1.906	24.2495	39	2.594
1671	Validation		M024	South of Norton	SB	Jan-16	ATC	No	3883-3887	3883	3887	229	190	2.694	Yes	Yes	170.4249	151	1.552	Yes	Yes	34.24126	28	1.164	24.00051	11	3.057
1672	Validation		M024	South of Norton	NB	Jan-16	ATC	No	3887-3883	3887	3883	191	187	0.294	Yes	Yes	142.2278	139	0.300	Yes	Yes	28.57598	36	1.272	20.02958	12	1.913
1673	Calibration		M026	Brightwell	SB	Jan-16	ATC	No	30109-30107	30109	30107	1338	1327	0.314	Yes	Yes	1047.099	1031	0.492	Yes	Yes	210.38	207	0.262	80.89583	89	0.891
1674	Calibration		M026	Brightwell	NB	Jan-16	ATC	No	30107-30109	30107	30108	1313	1326	0.361	Yes	Yes	1026.888	1036	0.299	Yes	Yes	206.3193	209	0.193	79.33438	80	0.082
1675	Calibration		M036	Otley East of C306	EB	Jan-16	ATC	No	3149-3153	3149	3153	149	150	0.053	Yes	Yes	117.8433	118	0.012	Yes	Yes	23.67672	24	0.068	7.646648	8	0.068
1676	Calibration		M036	Otley East of C306	WB	Jan-16	ATC	No	3153-3149	3153	3149	158	158	0.026	Yes	Yes	125.118	125	0.031	Yes	Yes	25.13833	25	0.026	8.11869	8	0.054
1677	Calibration		M038	North of Finningham	SB	Jan-16	ATC	No	3947-3912	3947	3912	76	131	5.412	No	Yes	56.51846	103	5.213	No	Yes	11.35552	21	2.438	7.959351	7	0.514
1678	Calibration		M038	North of Finningham	NB	Jan-16	ATC	No	3912-3947	3912	3947	59	132	7.416	No	Yes	44.09682	107	7.196	No	Yes	8.859802	19	2.821	6.210043	6	0.268
1679	Calibration	Lowestoft	M043	Kessingland Bypass	SB	Jan-16	ATC	No	4501-4502	4501	4502	464	461	0.122	Yes	Yes	361.7409	363	0.079	Yes	Yes	72.6799	73	0.018	29.6209	25	0.819
1680	Calibration	Lowestoft	M043	Kessingland Bypass	NB	Jan-16	ATC	No	4502-4501	4502	4501	469	461	0.384	Yes	Yes	365.736	365	0.025	Yes	Yes	73.4826	73	0.046	29.94804	23	1.445
1681	Calibration	Beccles	M048	Blyburgate	SB	Jan-16	ATC	No	2825-2823	2825	2823	348	336	0.660	Yes	Yes	273.5877	273	0.040	Yes	Yes	54.96843	45	1.400	19.81887	18	0.379
1682	Calibration	Beccles	M048	Blyburgate	NB	Jan-16	ATC	No	2823-2825	2823	2825	426	386	1.995	Yes	Yes	334.5159	335	0.017	Yes	Yes	67.20993	33	4.765	24.23254	18	1.467
1685	Calibration		M055	North of C366 Swilland	SB	Jan-16	ATC	No	3149-5633	3149	5633	87	88	0.089	Yes	Yes	67.80506	68	0.048	Yes	Yes	13.62319	14	0.128	5.238421	5	0.017
1686	Calibration		M055	North of C366 Swilland	NB	Jan-16	ATC	No	5633-3149	5633	3149	82	82	0.055	Yes	Yes	64.31701	64	0.047	Yes	Yes	12.92238	13	0.019	4.968945	5	0.086
1687	Validation	Ipswich	M061	Chantry Park	EB	Jan-16	ATC	No	30149-30733	30149	30733	270	182	5.866	No	Yes	234.2005	146	6.362	No	Yes	22.67733	25	0.498	12.95549	10	0.822
1688	Validation	Ipswich	M061	Chantry Park	WB	Jan-16	ATC	No	30733-30149	30733	30149	251	275	1.513	Yes	Yes	217.6011	230	0.810	Yes	Yes	21.07003	37	2.971	12.03724	8	1.129
1693	Calibration		M076	South Elveden	SB	Jan-16	ATC	No	3964-5926	3964	5926	154	167	1.051	Yes	Yes	119.7128	117	0.244	Yes	Yes	24.05234	24	0.002	10.23487	26	3.740
1694	Calibration		M076	South Elveden	NB	Jan-16	ATC	No	5926-3964	5926	3964	146	115	2.763	Yes	Yes	113.5263	76	3.836	Yes	Yes	22.80937	17	1.197	9.705953	21	2.862
1695	Calibration		M077	Between A11 and A1101 Icklingham	SB	Jan-16	ATC	No	3276-3278	3276	3278	58	81	2.823	Yes	Yes	44.08612	59	2.045	Yes	Yes	8.857651	18	2.411	4.7229	5	0.037
1696	Calibration		M077	Between A11 and A1101 Icklingham	NB	Jan-16	ATC	No	3278-3276	3278	3276	60	52	1.071	Yes	Yes	45.55141	37	1.311	Yes	Yes	9.152053	13	1.057	4.879875	2	1.662
1697	Validation	Ipswich	M079	Outside Asda Superstore	SB	Jan-16	ATC	No	30010-30119	30010	30119	888	881	0.245	Yes	Yes	771.0969	703	2.497	Yes	Yes	74.6643	132	5.656	42.65548	46	0.448
1698	Validation	Ipswich	M079	Outside Asda Superstore	NB	Jan-16	ATC	No	30119-30010	30119	30010	1038	920	3.759	Yes	Yes	900.9993	749	5.297	No	No	87.24259	135	4.512	49.84142	37	1.980
1699	Calibration		M090	South of Elmswell	EB	Jan-16	ATC	No	3887-3886	3887	3886	217	111	8.286	No	No	161.5124	87	6.635	No	Yes	32.45059	17	3.096	22.74538	6	4.362
1700	Calibration		M090	South of Elmswell	WB	Jan-16	ATC	No	3886-3887	3886	3887	227	105	9.502	No	No	169.2759	95	6.442	No	Yes	34.01041	5	6.603	23.83869	5	5.090

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1701	Calibration	Ipswich	P004	Warren Heath	EB	Jan-16	ATC	No	0255-3025	30255	30256	883	1096	6.772	No	No	691.0248	991	10.332	No	No	138.8386	78	5.822	53.38657	27	4.071
1702	Calibration	Ipswich	P004	Warren Heath	WB	Jan-16	ATC	No	0256-3025	30256	30255	963	1196	7.077	No	No	753.4511	1065	10.338	No	No	151.3811	102	4.416	58.20944	29	4.487
1703	Calibration		P006	South of U4519 Great Finborough	SB	Jan-16	ATC	No	2417-3711	2417	3711	84	84	0.008	Yes	Yes	65.95507	66	0.006	Yes	Yes	13.2515	13	0.069	5.126763	5	0.059
1704	Calibration		P006	South of U4519 Great Finborough	NB	Jan-16	ATC	No	3711-2417	3711	2417	95	95	0.015	Yes	Yes	74.55791	75	0.030	Yes	Yes	14.97995	15	0.003	5.795471	6	0.054
1705	Calibration		Y006	South West of Hopton	EB	Jan-16	ATC	No	3863-3868	3863	3868	81	80	0.100	Yes	Yes	61.42678	61	0.057	Yes	Yes	12.34168	12	0.098	7.064873	7	0.039
1706	Calibration		Y006	South West of Hopton	WB	Jan-16	ATC	No	3868-3863	3868	3863	133	133	0.014	Yes	Yes	100.6893	101	0.021	Yes	Yes	20.23018	20	0.051	11.58057	12	0.052
1707	Calibration		Y056	North of B1077 Stuston	SB	Jan-16	ATC	No	3247-3208	3247	3208	531	500	1.354	Yes	Yes	396.3836	363	1.730	Yes	Yes	79.64021	80	0.031	54.6429	57	0.359
1708	Calibration		Y056	North of B1077 Stuston	NB	Jan-16	ATC	No	3208-3247	3208	3247	469	468	0.043	Yes	Yes	350.1969	348	0.096	Yes	Yes	70.36052	70	0.023	48.2759	49	0.150
1709	Calibration		Y080	South of A12 East Bergholt	EB	Jan-16	ATC	No	3112-3675	3112	3675	217	213	0.225	Yes	Yes	168.464	168	0.030	Yes	Yes	33.8473	31	0.552	14.31366	15	0.057
1710	Calibration		Y080	South of A12 East Bergholt	WB	Jan-16	ATC	No	3675-3112	3675	3112	189	190	0.071	Yes	Yes	146.8511	147	0.003	Yes	Yes	29.50489	30	0.107	12.4773	13	0.099
1711	Calibration	SEGWay	Y115	East of B1069 Snape	EB	Jan-16	ATC	No	7352-3191	7352	3191	279	297	1.037	Yes	Yes	219.5494	235	1.030	Yes	Yes	44.11122	54	1.390	15.79767	8	2.214
1712	Calibration	SEGWay	Y115	East of B1069 Snape	WB	Jan-16	ATC	No	3191-7352	3191	7352	293	302	0.511	Yes	Yes	230.3518	241	0.676	Yes	Yes	46.2816	55	1.190	16.57496	7	2.947
1713	Validation	SEGWay	Y141	A12 Farnham	SB	Jan-16	ATC	No	7304-1300	7304	1300	571	575	0.147	Yes	Yes	448.6246	441	0.357	Yes	Yes	90.13632	89	0.141	32.28077	45	1.998
1714	Validation	SEGWay	Y141	A12 Farnham	NB	Jan-16	ATC	No	1300-7304	1300	7304	572	573	0.041	Yes	Yes	449.6393	444	0.281	Yes	Yes	90.3402	88	0.223	32.35378	41	1.487
1715	Calibration	SEGWay	Y142	A12 Benhall (South of B1121)	SB	Jan-16	ATC	No	3180-3179	3180	3179	492	544	2.281	Yes	Yes	386.3311	416	1.468	Yes	Yes	77.62049	87	1.049	27.79844	41	2.217
1716	Calibration	SEGWay	Y142	A12 Benhall (South of B1121)	NB	Jan-16	ATC	No	3179-3180	3179	3180	467	546	3.537	Yes	Yes	366.5595	420	2.686	Yes	Yes	73.64805	88	1.604	26.37578	38	2.095
1717	Calibration	Waveney	Y149	A146 Beccles Bypass	EB	Jan-16	ATC	No	5650-2854	5650	2854	561	559	0.062	Yes	Yes	440.3384	439	0.041	Yes	Yes	88.47149	88	0.054	31.8984	32	0.017
1718	Calibration	Waveney	Y149	A146 Beccles Bypass	WB	Jan-16	ATC	No	2854-5650	2854	5650	577	578	0.022	Yes	Yes	453.4926	453	0.033	Yes	Yes	91.11439	91	0.021	32.8513	34	0.246
1719	Validation	Ipswich	Y151	London Road	SB	Jan-16	ATC	No	30153-5729	30153	5729	714	434	11.670	No	No	555.0338	329	10.758	No	No	111.5157	59	5.693	47.15881	46	0.126
1720	Validation	Ipswich	Y151	London Road	NB	Jan-16	ATC	No	5728-30153	5728	30153	619	324	13.553	No	No	481.187	243	12.496	No	No	96.67866	43	6.436	40.88436	38	0.433
1721	Calibration		Y154	Loraine Way Bramford	SB	Jan-15	ATC	No	0033-3013	50033	30135	221	220	0.084	Yes	Yes	171.8802	170	0.145	Yes	Yes	35.51235	36	0.121	13.5255	13	0.024
1722	Calibration		Y154	Loraine Way Bramford	NB	Jan-15	ATC	No	0135-5003	30135	50033	264	267	0.140	Yes	Yes	205.6499	209	0.205	Yes	Yes	42.48956	42	0.095	16.18289	16	0.012
1723	Validation	Lowestoft	Y159	London Road Pakefield	SB	Jan-16	ATC	No	1025-6345	1025	6345	372	322	2.688	Yes	Yes	290.6955	269	1.271	Yes	Yes	57.00677	46	1.526	23.92273	6	4.597
1724	Validation	Lowestoft	Y159	London Road Pakefield	NB	Jan-16	ATC	No	6345-1025	6345	1025	351	287	3.573	Yes	Yes	274.7576	242	2.066	Yes	Yes	53.88127	42	1.773	22.61112	4	5.027
1725	Calibration		Y176	East of Blacktiles Lane Martlesham	SB	Jan-16	ATC	No	0308-3058	30308	30583	95	94	0.104	Yes	Yes	74.12918	73	0.112	Yes	Yes	14.89381	15	0.027	5.727005	6	0.023
1726	Calibration		Y176	East of Blacktiles Lane Martlesham	NB	Jan-16	ATC	No	0583-3030	30583	30308	134	76	5.669	No	Yes	105.163	68	3.946	Yes	Yes	21.12904	7	3.635	8.12459	0	3.714
1727	Calibration	Ipswich	Y177	Norwich Road	SB	Jan-16	ATC	No	0127-3013	30127	30136	543	544	0.041	Yes	Yes	471.041	478	0.315	Yes	Yes	45.61029	46	0.028	26.05701	20	1.270
1728	Calibration	Ipswich	Y177	Norwich Road	NB	Jan-16	ATC	No	0136-3012	30136	30127	535	525	0.429	Yes	Yes	464.6761	465	0.032	Yes	Yes	44.99398	45	0.020	25.70492	15	2.306
1731	Validation	Ipswich	Y190	Park Road	EB	Jan-16	ATC	No	0042-2026	20042	20263	270	80	14.317	No	No	233.9112	71	13.228	No	No	22.64932	3	5.502	12.93948	7	2.043
1732	Validation	Ipswich	Y190	Park Road	WB	Jan-16	ATC	No	0263-2004	20263	20042	211	40	15.202	No	No	182.7386	36	14.045	No	No	17.69434	4	4.071	10.10872	0	4.376
1733	Calibration	Ipswich	Y191	Fonnereau Road	EB	Jan-16	ATC	No	0309-2003	20309	20033	168	163	0.415	Yes	Yes	146.2126	145	0.116	Yes	Yes	14.15757	14	0.096	8.088177	5	1.428
1734	Calibration	Ipswich	Y191	Fonnereau Road	WB	Jan-16	ATC	No	0033-2030	20033	20309	131	137	0.564	Yes	Yes	113.5923	120	0.599	Yes	Yes	10.999	11	0.111	6.283691	6	0.129
1735	Calibration	Ipswich	Y192	Crown Street	EB	Jan-16	ATC	No	0030-1002	10030	10029	604	556	1.995	Yes	Yes	524.0218	495	1.307	Yes	Yes	50.74035	50	0.035	28.9878	11	4.103
1736	Calibration	Ipswich	Y192	Crown Street	WB	Jan-16	ATC	No	0029-1003	10029	10030	463	486	1.037	Yes	Yes	401.8947	412	0.512	Yes	Yes	38.91494	55	2.390	22.23198	18	0.921
1738	Calibration	Stowmarket	Y218	B1115 Stowupland	SB	Jan-16	ATC	No	2379-3478	2379	3478	170	168	0.177	Yes	Yes	134.2768	134	0.001	Yes	Yes	26.9785	27	0.008	8.994703	7	0.831
1739	Calibration	Stowmarket	Y218	B1115 Stowupland	NB	Jan-16	ATC	No	3478-2379	3478	2379	170	170	0.023	Yes	Yes	134.3425	134	0.056	Yes	Yes	26.9917	27	0.002	8.999106	9	0.122
1742	Calibration	Sudbury	Y220	Waldingfield Road	EB	Jan-16	ATC	No	2770-2768	2770	2768	364	359	0.249	Yes	Yes	290.917	286	0.261	Yes	Yes	58.45019	58	0.058	14.63277	15	0.039
1743	Calibration	Sudbury	Y220	Waldingfield Road	WB	Jan-16	ATC	No	2768-2770	2768	2770	361	361	0.011	Yes	Yes	288.697	289	0.021	Yes	Yes	58.00414	58	0.001	14.52111	14	0.040
1744	Calibration	A11	0	te 6308/1 on link A11 southbound between A14 and	SB	Jan-15	TRADS	No	3074-3076	3074	3076	917	920	0.080	Yes	Yes	696.3781	681	0.599	Yes	Yes	70.59104	91	2.293	150.1828	148	0.206
1745	Calibration	A14	0	TMU Site 6308/2 on A14 westbound within J36	WB	Jan-15	TRADS	No	3074-3075	3074	3075	1229	1203	0.766	Yes	Yes	807.6582	795	0.446	Yes	Yes	94.72143	95	0.027	327.1166	313	0.802
1747	Calibration	A11	0	IDAS site at A11/0904A priority 1 on link 10602530	NB	Jan-16	TRADS	No	2977-2978	2977	2978						725.0556					100.625			178.0833		
1748	Calibration	A14	0	MIDAS site at A14/1124A priority 1 on link	EB	Jan-16	TRADS	No	2988-2989	2988	2989	1277	1137	4.034	Yes	Yes	545.4306	542	0.148	Yes	Yes	328.4722	186	8.880	402.8056	409	0.285
1749	Calibration	A14	0	TMU Site 6313/2 on link A14 westbound within J35	WB	Jan-16	TRADS	No	2981-3073	2981	3073	1374	1375	0.018	Yes	Yes	963.3056	952	0.380	Yes	Yes	96.94444	104	0.695	313.9444	319	0.307
1750	Calibration	A11	0	306/1 on link link road from A11 southbound to A14	WB	Jan-16	TRADS	No	2535-2523	2535	2523	1077	1082	0.170	Yes	Yes	815.0972	815	0.008	Yes	Yes	78.56944	100	2.266	183.2222	168	1.177
1752	Calibration	A14	0	10B; MIDAS site at A14/2010B priority 1 on link 106	WB	Jan-16	TRADS	No	0353-3010	30353	30104	1099	1156	1.693	Yes	Yes	752.4444	778	0.923	Yes	Yes	112.2778	130	1.567	234.2407	248	0.907
1754	Calibration	A14	0	TMU Site 6279/1 on link A14 J55 eastbound exit	EB	Jan-16	TRADS	No	0039-3079	30039	30796	921	923	0.048	Yes	Yes	714.3148	711	0.114	Yes	Yes	66.42593	67	0.093	140.463	144	0.315
1757	Calibration	Lowestoft	9	JTC 9_E-In	EB	Jan-15	MCC	No	8070-6250	8070	6250	75	75	0.002	Yes	Yes	62.27723	61	0.100	Yes	Yes	11.31514	11	0.201	1.181434	3	1.039
1758	Calibration	Lowestoft	9	JTC 9_E-Out	WB	Jan-15	MCC	No	6250-8070	6250	8070	73	73	0.035	Yes	Yes	61.27813	60	0.177	Yes	Yes	10.80081	11	0.063	0.506329	2	1.318
1759	Calibration	A14	Jn 58	A14 / A12 Junc. - A12 Entrance	SB	13/10/2016	MCC	No	0106-3009	30106	30096	1223	1256	0.944	Yes	Yes	935.6667	966	0.999	Yes	Yes	199	199	0.018	88.5	91	0.282
1760	Calibration	A14	Jn 58	A14 / A12 Junc. - A12 Exit	NB	13/10/2016	MCC	No	0772-3010	30772	30105	1256	1218	1.089	Yes	Yes	982.8333	939	1.426	Yes	Yes	199.3333	200	0.017	74.16667	80	0.643
1761	Calibration	A14	Jn 58	A14 / A12 Junc. - Unknown Road Ent.	SB	13/10/2016	MCC	No	0356-3009	30356	30097	22	27	1.151	Yes	Yes	15.66667	22	1.404	Yes	Yes	5.333333	5	0.156	0.5	0	0.063
1762	Calibration	A14	Jn 58	A14 / A12 Junc. - Unknown Road Exit	NB	13/10/2016	MCC	No	0096-3035	30096	30356	22	23	0.115	Yes	Yes	16.5	15	0.293	Yes	Yes	5.166667	5	0.069	0.333333	2	1.661
1764	Calibration	A14	Jn 58	A14 / A12 Junc. - A14 EB Exit	EB	13/10/2016	MCC	No	0097-3010	30097	30101	381	427	2.303	Yes	Yes	318.6667	362	2.338	Yes	Yes	47.16667	47	0.016	14.83333	18	0.800
1765	Calibration	A14	Jn 58	A14 / A12 Junc. - A1156 Entrance	NB	13/10/2016	MCC	No	0100-3009	30100	30098	427	437	0.484	Yes	Yes	376.8333	378	0.050	Yes	Yes	40.66667	50	1.354	9.166667	9	0.009
1765	Calibration	A14	Jn 58	A14 / A12 Junc. - A1156 Exit	SB	13/10/2016	MCC	No	0099-3010	30099	30100	458	397	2.950	Yes	Yes	398.3333	327	3.768	Yes	Yes	50.33333	53	0.403	9.5	17	2.140
1768	Calibration	A14	Jn 58	A14 / A12 Junc. - A14 WB Exit	WB	13/10/2016	MCC	No	0098-3009	30098	30092	894	859	1.181	Yes	Yes	659	625	1.344	Yes	Yes	158.3333	154	0.333	76.66667	80	0.367
1769	Validation	Lowestoft	1	0	NB	Jan-16	MCC	No	2070-7000	2070	7000	947	1187	7.352	No	No	810.5	1000	6.293	No	No	99.83333	155	4.891	36.5	32	0.755
1770	Validation	Lowestoft	1	0	SB	Jan-16	MCC	No	7000-2070	7000	2070	964	1063	3.120	Yes	Yes	824.3333	892	2.321	Yes	Yes	99.16667	145	4.119	40.16667	26	2.458
1771	Calibration	Lowestoft	3	0	NB	Jan-16	MCC	No	9220-4612	9220	4612	73	75	0.331	Yes	Yes	50.83333	51	0.005	Yes	Yes	17	17	0.065	4.666667	7	1.043
1772	Calibration	Lowestoft	3	0	SB	Jan-16	MCC	No	4612-9220	4612	9220	79	79	0.042	Yes	Yes	58.33333	58	0.025	Yes	Yes	16.33333	16	0.151	4.333333	6	0.528
1773	Calibration	Lowestoft	3	0	NE	Jan-16	MCC	No	9220-9230	9220	9230	356	356	0.007	Yes	Yes	339.5	339	0.025	Yes	Yes	15.16667	15	0.016	1.666667	2	0.200
1774	Calibration	Lowestoft	3	0	SW	Jan-16	MCC	No	9230-9220	9230	9220	356	357	0.066	Yes	Yes	338.8333	340	0.056	Yes	Yes	15	15	0.067	2	2	0.311
1777	Calibration	Lowestoft	3	0	SB	Jan-16	MCC	No	9220-4603	9220	4603	93	94	0.120	Yes	Yes	77.66667	78	0.013	Yes	Yes	12.66667	13	0.148	2.5	3	0.312
1778	Calibration	Lowestoft	3	0	NB	Jan-16	MCC	No	4603-9220	4603	9220	94	94	0.044	Yes	Yes	80.66667	81	0.059	Yes	Yes	11.33333	11	0.157	1.833333	2	0.293
1779	Calibration	Lowestoft	3	0	WB	Jan-16	MCC	No	9220-10190	9220	10190	532	528	0.154	Yes	Yes	477.6667	475	0.111	Yes	Yes	44.33333	43	0.152	9.666667	10	0.037
1780	Calibration	Lowestoft	3	0	EB	Jan-16	MCC	No	10190-9220	10190	9220	413	412	0.034	Yes	Yes	370	370	0.018	Yes	Yes	33.16667	32	0.132	9.833333	10	0.090
1781	Calibration	Lowestoft	4	0	NB	Jan-16	MCC	No	9120-10185	9120	10185	148	146	0.168	Yes	Yes	118.6667	120	0.078	Yes	Yes	18.5	18	0.108	10.16667	8	0.788
1782	Calibration	Lowestoft	4	0	SB	Jan-16	MCC	No	10185-9120	10185	9120	158	157	0.085	Yes	Yes	133.1667	133	0.034	Yes	Yes	20.66667	20	0.155	4.333333	4	0.009
1783	Calibration	Lowestoft	4	0	EB	Jan-16	MCC	No	9120-7200	9120	7200	234	236	0.144	Yes	Yes	207	209	0.142	Yes	Yes	22	22	0.017	5.166667	5	0.032
1784	Calibration	Lowestoft	4	0	WB	Jan-16	MCC	No	7200-9120	7200	9120	337	336	0.073	Yes	Yes	290	289	0.031	Yes	Yes	34.83333	35	0.089	12.33333	11	0.392
1787	Validation	Lowestoft	5	0	NB	Jan-16	MCC	No	1260-6322	1260	6322	911	849	2.077	Yes	Yes	781.8333	724	2.105	Yes	Yes	97.5	104	0.647	31.16667	21	2.023
1788	Validation	Lowestoft	5	0	SB	Jan-16	MCC	No	6322-1260	6322	1260	1049	1125	2.284	Yes	Yes	903.8333	939	1.160	Yes	Yes	108.5	150	3.612	37	36	0.158
1791	Calibration	Lowestoft	6	0	EB	Jan-16	MCC	No	6315-4000	6315	4000	749	774	0.919	Yes	Yes	645.6667	652	0.243	Yes	Yes	76.33333	95	2.005	26.5	27	0.123
1792	Calibration	Lowestoft	6	0	WB	Jan-16	MCC	No	4000-6315	4000	6315	829	848	0.653	Yes	Yes	716	723	0.249	Yes	Yes	80.33333	92	1.219	32.66667	34	0.158
1793	Calibration	Lowestoft	6	0	SE	Jan-16	MCC	No	6315-6382	6315	6382	20	23	0.658	Yes	Yes	17.33333	21	0.779	Yes	Yes	2.5	2	0.333	0.5	1	0.237
1794	Calibration	Lowestoft	6	0	NW	Jan-16	MCC	No	6382-6315	6382	6315	23	23	0.005	Yes	Yes	18.33333	18	0.097	Yes	Yes	3.666667	4	0.170	0.833333	1	0.062
1797	Calibration	Lowestoft	6	0	WB	Jan-16	MCC	No	6315-4010	6315	4010	359	365	0.318	Yes	Yes	320.1667	325	0.285	Yes	Yes	29.66667	30	0.081	9	9	0.160
1798	Calibration	Lowestoft	6	0	EB	Jan-16	MCC	No	4010-6315	4010	6315	333	335	0.142	Yes	Yes	298	301	0.181	Yes	Yes	26.66667	27	0.099	8	7	0.387
1801	Calibration	Lowestoft	7	0	SB	Jan-16	MCC	No	4613-4614	4613	4614	14	14	0.027	Yes	Yes	12.5	12	0.126	Yes	Yes	1.166667	1	0.248	0.166667	0	0.125
1802	Calibration	Lowestoft	7	0	NB	Jan-16	MCC	No	4614-4613	4614	4613	10	13	0.832	Yes	Yes	8.833333	9	0.052	Yes	Yes	1.166667	2	0.960	0	1	1.650
1803	Calibration	Lowestoft	7	0	WB	Jan-16	MCC	No	4613-6384	4613	6384	287	288	0.054	Yes	Yes	254.6667	256	0.070	Yes	Yes	25.33333	25	0.040	7.166667	7	0.002
1804	Calibration	Lowestoft	7	0	EB	Jan-16	MCC	No	6384-4613	6384	4613	244	244	0.040	Yes	Yes	218.3333	218	0.046	Yes	Yes	20.16667	20	0.001	5.666667	6	0.021
1805	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 East	EB	Jan-16	MCC - 7 day	No	0303-3041	30303	30417	765	762	0.104	Yes	Yes	683.0833	680	0.128	Yes	Yes	70.70833	71	0.087	11.04167	11	0.078
1806	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 East	WB	Jan-16	MCC - 7 day	No	0417-3030	30417	30303	766	765	0.045	Yes	Yes	674.4167	674	0.030	Yes	Yes	80.29167	80	0.048	11.16667	11	0.015
1807	Calibration	Ipswich	0	A1214 / Bell Ln - Bell Ln	NB	Jan-16	MCC - 7 day	No	0448-3030	30448	30303	231	227	0.306	Yes	Yes	208.7917	209	0.012	Yes	Yes	21.08333	17	1.006	1.375	1	0.405
1808	Calibration	Ipswich	0	A1214 / Bell Ln - Bell Ln	SB	Jan-16	MCC - 7 day	No	0303-3044	30303	30448	216	212	0.338	Yes	Yes	191.9167	192	0.006	Yes	Yes	23.04167	18	1.062	1.5	1	0.173
1809	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 West	EB	Jan-16	MCC - 7 day	No	0302-3030	30302	30303	638	635	0.095	Yes	Yes	562.75	560	0.108	Yes	Yes	63.79167	64	0.032	10.95833	11	0.026
1810	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 West	WB	Jan-16	MCC - 7 day	No	0303-3030	30303	30302	653	653	0.008	Yes	Yes	570.9583	571	0.004	Yes	Yes	71.41667	71	0.053	10.70833	11	0.044
1811	Calibration	A14		A14 MIDAS site at A14/1804J priority 1 on link 106045	EB	Jan-16	TRADS	No	0011-5001	50011	50014	153	216	4.622	Yes	Yes	85.7973	156	6.418	No	Yes	33.09853	33	0.051	34.04167	26	1.495
1812	Calibration	A14		A14 TMU Site 6294/1 on link A14 J53 eastbound exi	EB	Jan-16	TRADS	No	0004-3001	30004	30010	659	667	0.289	Yes	Yes	516.5391	524	0.341	Yes	Yes	112.0025	112	0.043	30.91667	31	0.021
1813	Calibration	A14		A14 TMU Site 6294/2 on link A14 eastbound within J5	EB	Jan-16	TRADS	No	0004-3001	30004	30013	1391	1379	0.309	Yes	Yes	829.4388	817	0.439	Yes	Yes	152.7765	153	0.006	408.5694	410	0.051
1814	Calibration	A14		A14 MIDAS site at A14/1844A priority 1 on link 106046	EB	Jan-16	TRADS	No	0015-3001	30015	30017	1734	1720	0.346	Yes	Yes	1091.939	1077	0.446	Yes	Yes	221.1098	221	0.034	420.9028	422	0.040

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1815	Calibration	A14		A14 MIDAS site at A14/1852J priority 1 on link 1210340	EB	Jan-16	TRADS	No	0028-3002	30028	30029	230	212	1.269	Yes	Yes	145.7963	146	0.019	Yes	Yes	64.42594	63	0.156	20.16667	2	5.322
1816	Calibration	Ipswich		JTC 12_B-Out	0	Jan-16	MCC	No	0029-3002	30029	30028	294	273	1.240	Yes	Yes	200.5757	197	0.259	Yes	Yes	71.73367	71	0.101	22.05404	6	4.405
1817	Calibration	A14		MIDAS site at A14/1866A priority 1 on link 10604880	EB	Jan-16	TRADS	No	0033-3003	30033	30034	1798	1782	0.384	Yes	Yes	1146.718	1128	0.546	Yes	Yes	228.4175	228	0.001	422.7902	425	0.106
1819	Calibration	A14		TMU Site 6279/2 on link A14 eastbound within J55	EB	Jan-16	TRADS	No	0039-3004	30039	30042	877	859	0.601	Yes	Yes	432.4034	417	0.745	Yes	Yes	161.9916	161	0.062	282.3272	281	0.094
1820	Calibration	Ipswich		JTC 11_B-Out	0	Jan-16	MCC	No	0799-3004	30799	30049	1015	990	0.765	Yes	Yes	663.0114	640	0.910	Yes	Yes	162.7916	163	0.018	188.8034	188	0.090
1821	Calibration	A14		A14 MIDAS site at A14/1908A priority 1 on link 106048	EB	Jan-16	TRADS	No	0053-3005	30053	30055	1891	1849	0.969	Yes	Yes	1095.415	1057	1.172	Yes	Yes	324.7532	324	0.031	471.1306	468	0.133
1822	Calibration	A14		A14 TMU Site 6281/1 on link A14 J56 eastbound exi	EB	Jan-16	TRADS	No	0058-3006	30058	30061	320	313	0.383	Yes	Yes	230.6259	230	0.034	Yes	Yes	55.38388	55	0.015	34.00469	28	1.111
1823	Calibration	A14		A14 TMU Site 6281/2 on link A14 eastbound within J5	EB	Jan-16	TRADS	No	0058-3006	30058	30063	1571	1536	0.890	Yes	Yes	864.789	827	1.305	Yes	Yes	269.3693	269	0.027	437.1259	440	0.158
1824	Calibration	Ipswich		JTC 10_B-Out	0	Jan-16	MCC	No	0061-3006	30061	30063	371	364	0.370	Yes	Yes	289.9878	286	0.234	Yes	Yes	58.28659	58	0.052	23.12195	20	0.586
1825	Calibration	A14		A14 MIDAS site at A14/1963A priority 1 on link 106048	EB	Jan-16	TRADS	No	0071-3007	30071	30073	1943	1901	0.945	Yes	Yes	1154.777	1114	1.206	Yes	Yes	327.6559	327	0.043	460.2479	460	0.002
1826	Calibration	A14		MIDAS site at A14/1965J priority 1 on link 10605350	EB	Jan-16	TRADS	No	0074-3007	30074	30077	749	741	0.312	Yes	Yes	535.4971	528	0.345	Yes	Yes	133.4685	133	0.041	80.44181	80	0.010
1827	Calibration	A14		A14 TMU Site 6283/2 on link A14 eastbound within J5	EB	Jan-16	TRADS	No	0074-3008	30074	30081	1193	1160	0.959	Yes	Yes	619.2797	587	1.329	Yes	Yes	194.1874	194	0.021	379.8061	380	0.002
1828	Calibration	Ipswich		Jn 43 A14 - Nacton Road to A14 EB Merge J57	0	Jan-16	MCC	No	0079-3008	30079	30081	323	354	1.699	Yes	Yes	242.1955	274	1.953	Yes	Yes	44.85542	45	0.019	35.84859	36	0.035
1829	Calibration	A14		A14 MIDAS site at A14/1977A priority 1 on link 106053	EB	Jan-16	TRADS	No	0082-3008	30082	30085	1516	1514	0.045	Yes	Yes	861.4752	860	0.054	Yes	Yes	239.0428	239	0.010	415.6546	416	0.001
1831	Calibration	A14		A14 / A12 Junc. - A14 WB Ent.	WB	Jan-16	MCC	No	0103-3009	30103	30099	434	453	0.928	Yes	Yes	363.245	369	0.278	Yes	Yes	56.32952	70	1.758	14.00191	14	0.059
1832	Calibration	A14		A14 TMU Site 6286/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0103-3009	30103	30094	665	703	1.427	Yes	Yes	389.1995	409	1.011	Yes	Yes	55.94825	59	0.427	220.2388	234	0.920
1834	Calibration	A14		A14 MIDAS site at A14/1973B priority 1 on link 106053	WB	Jan-16	TRADS	No	0086-3008	30086	30084	1559	1562	0.060	Yes	Yes	1048.199	1034	0.428	Yes	Yes	214.2816	213	0.062	296.9055	314	0.979
1835	Calibration	A14		A14 TMU Site 6284/1 on link A14 J57 westbound exi	WB	Jan-16	TRADS	No	0083-3008	30083	30080	278	303	1.481	Yes	Yes	187.0965	216	2.022	Yes	Yes	50.4058	47	0.530	40.25463	40	0.035
1836	Calibration	A14		A14 TMU Site 6284/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0083-3007	30083	30076	1282	1259	0.641	Yes	Yes	818.5328	819	0.002	Yes	Yes	199.4899	167	2.426	263.6069	274	0.606
1837	Calibration	Ipswich		Jn 44 A14 - Nacton Road to A14 WB Merge J57	0	Jan-16	MCC	No	0080-3007	30080	30076	478	523	1.976	Yes	Yes	359.6728	367	0.384	Yes	Yes	83.73218	120	3.562	34.98623	36	0.164
1838	Calibration	A14		A14 MIDAS site at A14/1957B priority 1 on link 106047	WB	Jan-16	TRADS	No	0072-3007	30072	30070	1760	1781	0.509	Yes	Yes	1178.206	1186	0.216	Yes	Yes	283.2221	286	0.185	298.5931	309	0.623
1839	Calibration	Ipswich		JTC 10_D-Out	0	Jan-16	MC	No	0062-3006	30062	30060	297	288	0.518	Yes	Yes	209.5745	209	0.015	Yes	Yes	47.47505	48	0.115	40.06153	31	1.589
1840	Calibration	A14		A14 MIDAS site at A14/1913B priority 1 on link 106049	WB	Jan-16	TRADS	No	0059-3005	30059	30056	1720	1730	0.253	Yes	Yes	1128.113	1131	0.099	Yes	Yes	273.6971	276	0.147	318.1546	323	0.264
1841	Calibration	A14		A14 TMU Site 6280/1 on link A14 J55 westbound exi	WB	Jan-16	TRADS	No	0051-3079	30051	30798	925	926	0.047	Yes	Yes	644.186	645	0.016	Yes	Yes	154.0678	155	0.088	126.6899	127	0.005
1842	Calibration	A14		A14 TMU Site 6280/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0051-3004	30051	30043	795	804	0.321	Yes	Yes	483.9275	487	0.134	Yes	Yes	119.6293	121	0.123	191.4647	196	0.343
1843	Calibration	Ipswich		JTC 11_D-Out	0	Jan-16	MCC	No	0795-3004	30795	30041	791	788	0.085	Yes	Yes	492.8995	495	0.075	Yes	Yes	161.6121	161	0.050	136.1959	133	0.294
1844	Calibration	A14		A14 MIDAS site at A14/1861B priority 1 on link 106047	WB	Jan-16	TRADS	No	0035-3003	30035	30031	1586	1592	0.166	Yes	Yes	976.827	981	0.145	Yes	Yes	281.2415	282	0.038	327.6607	329	0.079
1845	Calibration	A14		A14 MIDAS site at A14/1855L priority 1 on link 1210339	WB	Jan-16	TRADS	No	0025-3002	30025	30026	202	186	1.135	Yes	Yes	126.7099	128	0.088	Yes	Yes	55.83211	56	0.050	19.21495	2	5.269
1846	Calibration	A14		A14 TMU Site 6293/1 on link A14 J53 westbound exi	WB	Jan-16	TRADS	No	0005-3000	30005	30006	258	268	0.598	Yes	Yes	188.5947	196	0.537	Yes	Yes	56.53425	57	0.080	12.80854	14	0.446
1847	Calibration	A14		A14 TMU Site 6293/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0005-3000	30005	30002	1321	1319	0.042	Yes	Yes	793.1891	797	0.133	Yes	Yes	214.3751	214	0.026	313.4705	314	0.003
1848	Calibration	Ipswich		JTC 14_E-Out	0	Jan-16	MCC	No	0010-3000	30010	30008	592	592	0.019	Yes	Yes	466.7873	467	0.013	Yes	Yes	100.7509	101	0.014	24.39233	24	0.010
1849	Calibration	A14		A14 MIDAS site at A14/1813B priority 1 on link 106063	WB	Jan-16	TRADS	No	0024-5002	50024	50022	1913	1910	0.063	Yes	Yes	1259.976	1259	0.025	Yes	Yes	315.126	313	0.100	337.8628	338	0.006
1850	Calibration	A14		A14 MIDAS site at A14/1811L priority 1 on link 106046	WB	Jan-16	TRADS	No	0021-5001	50021	50018	507	430	3.533	Yes	Yes	342.4722	331	0.633	Yes	Yes	88.22057	88	0.022	75.86969	11	9.793
1853	Calibration	SEGWay	2	Main Road Near School Lane	EB	Jan-17	ATC	No	5496-3181	5496	3181	120	133	1.190	Yes	Yes	95.9795	105	0.905	Yes	Yes	17.57163	20	0.554	6.156601	8	0.717
1854	Calibration	SEGWay	2	Main Road Near School Lane	WB	Jan-17	ATC	No	3181-5496	3181	5496	125	118	0.671	Yes	Yes	100.2793	92	0.897	Yes	Yes	18.35883	18	0.127	6.432412	8	0.708
1855	Calibration	SEGWay	3	Mitford Road	EB	Jan-17	ATC	No	7328-7327	7328	7327	6	20	3.774	Yes	Yes	5.08862	19	3.934	Yes	Yes	0.931609	1	0.296	0.326409	0	0.295
1856	Calibration	SEGWay	3	Mitford Road	WB	Jan-17	ATC	No	7327-7328	7327	7328	7	21	3.818	Yes	Yes	5.467385	20	4.099	Yes	Yes	1.000952	1	0.083	0.350705	0	0.748
1859	Validation	SEGWay	5	Park Road South of Harrow Lane	NB	Jan-17	ATC	No	6017-7328	6017	7328	14	3	3.760	Yes	Yes	13.94197	3	3.897	Yes	Yes	0.505912	1	0.074	4.11E-02	0	0.109
1860	Validation	SEGWay	5	Park Road South of Harrow Lane	SB	Jan-17	ATC	No	7328-6017	7328	6017	13	5	2.557	Yes	Yes	11.862	4	2.634	Yes	Yes	0.586858	1	0.022	0.123418	0	0.190
1861	Calibration	SEGWay	6	Farnham Road	NB	Jan-17	ATC	No	7348-3179	7348	3179	265	237	1.779	Yes	Yes	212.4211	195	1.198	Yes	Yes	38.8894	37	0.248	13.62574	4	3.203
1862	Calibration	SEGWay	6	Farnham Road	SB	Jan-17	ATC	No	3179-7348	3179	7348	263	235	1.737	Yes	Yes	210.7743	196	1.011	Yes	Yes	38.5879	36	0.464	13.52011	3	3.501
1865	Calibration	SEGWay	8	Langham Road Connecting A12	NB	Jan-17	ATC	No	7365-7304	7365	7304	6	15	2.583	Yes	Yes	5.121556	13	2.667	Yes	Yes	0.937639	1	0.469	0.328522	0	0.360
1866	Calibration	SEGWay	8	Langham Road Connecting A12	SB	Jan-17	ATC	No	7304-7365	7304	7365	6	14	2.679	Yes	Yes	4.495771	12	2.688	Yes	Yes	0.823072	2	0.683	0.288381	0	0.312
1871	Calibration	SEGWay	11	Church Road	EB	Jan-17	ATC	No	7342-7366	7342	7366	8	15	2.122	Yes	Yes	6.504871	13	2.091	Yes	Yes	1.190892	2	0.563	0.417255	0	0.059
1872	Calibration	SEGWay	11	Church Road	WB	Jan-17	ATC	No	7366-7342	7366	7342	8	11	0.990	Yes	Yes	6.570743	9	0.982	Yes	Yes	1.202951	2	0.343	0.42148	0	0.141
1875	Calibration	SEGWay	13	A12 Near Park Cottage	EB	Jan-17	ATC	No	7351-7303	7351	7303	555	556	0.065	Yes	Yes	427.6976	428	0.019	Yes	Yes	87.37174	87	0.039	39.72879	41	0.237
1876	Calibration	SEGWay	13	A12 Near Park Cottage	WB	Jan-17	ATC	No	7303-7351	7303	7351	561	564	0.157	Yes	Yes	432.2568	432	0.018	Yes	Yes	88.30311	88	0.030	40.1523	45	0.673
1877	Calibration	SEGWay	14	Buttons Road	NB	Jan-17	ATC	No	7351-7321	7351	7321	24	16	1.832	Yes	Yes	19.39934	14	1.279	Yes	Yes	3.55157	1	1.591	1.24437	1	0.547
1878	Calibration	SEGWay	14	Buttons Road	SB	Jan-17	ATC	No	7321-7351	7321	7351	24	17	1.660	Yes	Yes	19.33346	15	1.064	Yes	Yes	3.539511	1	1.331	1.240144	0	1.144
1879	Calibration	SEGWay	15	Bell Lane	NB	Jan-17	ATC	No	5849-7317	5849	7317	25	38	2.249	Yes	Yes	20.07452	30	1.987	Yes	Yes	3.675182	5	0.827	1.28768	2	0.668
1880	Calibration	SEGWay	15	Bell Lane	SB	Jan-17	ATC	No	7317-5849	7317	5849	25	34	1.602	Yes	Yes	20.1898	25	1.087	Yes	Yes	3.696286	6	1.110	1.295074	2	0.780
1885	Validation	SEGWay	18	A12 Near Whin Belt	EB	Jan-17	ATC	No	5957-7300	5957	7300	571	580	0.384	Yes	Yes	440.1517	445	0.209	Yes	Yes	89.91591	92	0.237	40.88565	43	0.395
1886	Validation	SEGWay	18	A12 Near Whin Belt	WB	Jan-17	ATC	No	7300-5957	7300	5957	574	581	0.291	Yes	Yes	442.6212	441	0.085	Yes	Yes	90.42041	94	0.369	41.11505	46	0.791
1889	Calibration	SEGWay	20	The Street Near The Lodge	NB	Jan-17	ATC	No	3177-7310	3177	7310	201	218	1.111	Yes	Yes	161.5513	171	0.696	Yes	Yes	29.57632	34	0.757	10.3627	13	0.831
1890	Calibration	SEGWay	20	The Street Near The Lodge	SB	Jan-17	ATC	No	7310-3177	7310	3177	210	247	2.451	Yes	Yes	168.155	196	2.076	Yes	Yes	30.7853	36	0.899	10.7863	15	1.069
1891	Calibration	SEGWay	21	Main Road Near School Lane	EB	Jan-17	ATC	No	3154-3177	3154	3177	169	115	4.574	Yes	Yes	135.8283	88	4.570	Yes	Yes	24.86702	21	0.821	8.7127	6	0.840
1892	Calibration	SEGWay	21	Main Road Near School Lane	WB	Jan-17	ATC	No	3177-3154	3177	3154	155	123	2.709	Yes	Yes	124.3995	95	2.763	Yes	Yes	22.77467	22	0.172	7.979599	6	0.830
1895	Validation	SEGWay	23	Hall Road Near Silverlace Green	EB	Jan-17	ATC	No	7314-7322	7314	7322	26	22	0.760	Yes	Yes	20.76518	20	0.150	Yes	Yes	3.801808	2	1.217	1.332046	0	1.124
1896	Validation	SEGWay	23	Hall Road Near Silverlace Green	WB	Jan-17	ATC	No	7322-7314	7322	7314	27	22	1.030	Yes	Yes	21.50724	20	0.443	Yes	Yes	3.93748	1	1.486	1.379581	1	0.603
1897	Validation	SEGWay	24	Lane Connecting B1119	NB	Jan-17	ATC	No	7353-7315	7353	7315	14	20	1.460	Yes	Yes	11.51115	17	1.487	Yes	Yes	2.107426	3	0.278	0.738382	1	0.046
1898	Validation	SEGWay	24	Lane Connecting B1119	SB	Jan-17	ATC	No	7315-7353	7315	7353	15	22	1.689	Yes	Yes	12.00519	19	1.697	Yes	Yes	2.197873	3	0.290	0.770073	1	0.205
1899	Calibration	SEGWay	25	The Street Near Tyw Cottage	NB	Jan-17	ATC	No	5481-7369	5481	7369	217	240	1.550	Yes	Yes	173.6553	192	1.348	Yes	Yes	31.79228	39	1.167	11.13911	9	0.538
1900	Calibration	SEGWay	25	The Street Near Tyw Cottage	SB	Jan-17	ATC	No	7369-5481	7369	5481	207	236	1.988	Yes	Yes	165.6519	188	1.714	Yes	Yes	30.32704	39	1.462	10.62573	9	0.586
1901	Validation	SEGWay	26	Woodbridge Road	NB	Jan-17	ATC	No	5483-3169	5483	3169	110	141	2.789	Yes	Yes	87.87339	107	1.915	Yes	Yes	16.08759	28	2.574	5.636635	6	0.081
1902	Validation	SEGWay	26	Woodbridge Road	SB	Jan-17	ATC	No	3169-5483	3169	5483	110	120	0.943	Yes	Yes	88.16323	88	0.008	Yes	Yes	16.14065	28	2.445	5.655227	4	0.624
1903	Validation	SEGWay	27	Orford Road	EB	Jan-17	ATC	No	3168-3166	3168	3166	34	69	4.900	Yes	Yes	27.34424	57	4.509	Yes	Yes	5.0061	11	2.235	1.753995	1	0.293
1904	Validation	SEGWay	27	Orford Road	WB	Jan-17	ATC	No	3166-3168	3166	3168	33	71	5.340	No	Yes	26.34884	58	4.903	Yes	Yes	4.823865	12	2.515	1.690145	1	0.557
1905	Calibration	SEGWay	28	A22 Near Middleton Road	NB	Jan-17	ATC	No	3216-5891	3216	5891	462	459	0.131	Yes	Yes	356.3901	354	0.138	Yes	Yes	72.80478	69	0.455	33.10505	37	0.612
1906	Calibration	SEGWay	28	A22 Near Middleton Road	SB	Jan-17	ATC	No	5891-3216	5891	3216	460	454	0.310	Yes	Yes	354.9654	340	0.804	Yes	Yes	72.51373	72	0.119	32.97271	42	1.528
1907	Calibration	SEGWay	29	Middleton Road Connecting A12	EB	Jan-17	ATC	No	3216-5856	3216	5856	98	113	1.497	Yes	Yes	78.53602	84	0.562	Yes	Yes	14.37813	19	1.206	5.03769	10	1.931
1908	Calibration	SEGWay	29	Middleton Road Connecting A12	WB	Jan-17	ATC	No	5856-3216	5856	3216	103	111	0.783	Yes	Yes	82.57069	87	0.491	Yes	Yes	15.11679	15	0.051	5.296493	9	1.409
1909	Calibration	SEGWay	30	Mill Lane East of Stratford St Andrew	EB	Jan-17	ATC	No	7376-1300	7376	1300	23	26	0.691	Yes	Yes	18.37539	24	1.185	Yes	Yes	3.36411	2	0.745	1.178689	0	0.876
1910	Calibration	SEGWay	30	Mill Lane East of Stratford St Andrew	WB	Jan-17	ATC	No	1300-7376	1300	7376	23	20	0.679	Yes	Yes	18.14118	17	0.173	Yes	Yes	3.321231	2	1.023	1.163665	0	0.864
1911	Calibration	SEGWay	31	A12 South Of B1078	NB	Jan-17	ATC	No	5772-3170	5772	3170	608	617	0.374	Yes	Yes	468.6782	474	0.224	Yes	Yes	95.74344	95	0.030	43.53549	48	0.693
1912	Calibration	SEGWay	31	A12 South Of B1078	SB	Jan-17	ATC	No	3171-5774	3171	5774	647	647	0.005	Yes	Yes	498.9145	496	0.129	Yes	Yes	101.9202	98	0.396	46.34413	53	0.987
1915	Validation	SEGWay	33	Abbey Lane	NB	Jan-17	ATC	No	5519-5520	5519	5520	24	44	3.335	Yes	Yes	19.56402	33	2.588	Yes	Yes	3.58172	6	1.188	1.254933	5	2.066
1916	Validation	SEGWay	33	Abbey Lane	SB	Jan-17	ATC	No	5520-5519	5520	5519	24	38	2.571	Yes	Yes	19.20172	25	1.229	Yes	Yes	3.515391	7	1.398	1.231693	7	2.726
1917	Calibration	SEGWay	34	King Georges Avenue	EB	Jan-17	ATC	No	6023-7333	6023	7333	77	109	3.245	Yes	Yes	62.00212	87	2.863	Yes	Yes	11.35116	18	1.763	3.977123	4	0.085
1918	Calibration	SEGWay	34	King Georges Avenue	WB	Jan-17	ATC	No	7333-6023	7333	6023	85	112	2.704	Yes	Yes	68.52346	89	2.353	Yes	Yes	12.54506	20	1.837	4.395434	3	0.738
1919	Validation	SEGWay	35	Lovers Lane	EB	Jan-17	ATC	No	7332-7333	7332	7333	66	58	1.031	Yes	Yes	52.76356	37	2.321	Yes	Yes	9.659789	12	0.771	3.384516	8	2.032
1920	Validation	SEGWay	35	Lovers Lane	WB	Jan-17	ATC	No	7333-7332	7333	7332	74	60	1.702	Yes	Yes	58.95554	39	2.806	Yes	Yes	10.7934	12	0.270	3.7817	9	1.953
1921	Calibration	SEGWay	36	Easton Road	NB	Jan-17	ATC	No	7309-5971	7309	5971	61	58	0.400	Yes	Yes	48.85828	47	0.298	Yes	Yes	8.944824	9	0.015	3.134012	2	0.663
1922	Calibration	SEGWay	36	Easton Road	SB	Jan-17	ATC	No	5971-7309	5971	7309	62	83	2.458	Yes	Yes	49.86519	70	2.601	Yes	Yes	9.129164	11	0.614	3.1986	2	0.699
2096	Calibration	SEGWay	1B	A12/B1078	Exit	Jan-17	ANPR/MCC	No	3177-3178	3177	3178	104	104	0.010	Yes	Yes	79.57425	80	0.047	Yes	Yes	19.42702	19	0.097	5.101267	5	0.051
2097	Calibration	SEGWay	1B	A12/B1078	pproac	Jan-17	ANPR/MCC	No	3174-3176	3174	3176	98	96	0.210	Yes	Yes	72.49	72	0.056	Yes	Yes	18.61756	19	0.088	6.746838	5	0.822
2102	Calibration	SEGWay	1E	A12/B1078	pproac	Jan-17	ANPR/MCC	No	3170-3172	3170	3172	138	141	0.243	Yes	Yes	109.394	109	0.039	Yes	Yes	18.77945	22	0.768	10.20253	10	0.064
2103	Calibration	SEGWay	1E	A12/B1078	Exit	Jan-17	ANPR/MCC	No	3173-3171	3173	3171	162	162	0.007	Yes	Yes	127.187	127	0.000	Yes	Yes	22.98864	23	0.002	11.84811	12	0.032
2106	Validation	SEGWay	2A	A12/A1094	pproac	Jan-17	MCC	No	6017-3179	6017	3179	571	576	0.231	Yes	Yes	446.6373	447	0.014	Yes	Yes	86.61213	88	0.131	37.35444	41	0.637
2107	Validation	SEGWay	2A	A12/A1094	Exit	Jan-17	MCC	No	3179-6017	3179	6017	572	575	0.135	Yes	Yes	437.576	442	0.200	Yes	Yes	93.0878	89	0.479	40.9747	45	0.552
2120	Calibration	Ipswich	1	Saw Hill North of Pigeons Lane	NB	Jan-17	ATC	No	0035-5003	50035	50034	187	72	10.074	No	No	163.7894	64	9.315	No	Yes	20.97399	5	4.368	2.084389	3	0.401
2121	Calibration	Ipswich	1	Saw Hill North of Pigeons Lane	SB	Jan-17	ATC	No	0034-5003	50034	50035	157	65	8.798	No	Yes	141.0607	48	9.566	No	Yes	15.59558	15	0.075	0.694796	1	0.617
2122	Calibration	Ipswich	3	Burstall Lane West of B1113	EB	Jan-17	ATC	No	5841-3013	5841	30135	57	108	5.651	No	Yes	51.51957	88	4.320	Yes	Yes	4.892731	20	4.249	0.31083	1	0.471

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
2123	Calibration	Ipswich	3	Burstall Lane West of B1113	WB	Jan-17	ATC	No	30135-5841	30135	5841	53	120	7.224	No	Yes	48.461	93	5.327	No	Yes	4.173212	25	5.370	0.347398	2	1.744
2124	Calibration	Ipswich	6	Somersham Road East of The Beeches	EB	Jan-17	ATC	No	5643-50029	5643	50029	87	514	24.626	No	No	78.69705	429	21.970	No	No	7.75282	70	10.021	0.804501	15	5.120
2125	Calibration	Ipswich	6	Somersham Road East of The Beeches	WB	Jan-17	ATC	No	50029-5643	50029	5643	86	478	23.358	No	No	77.65216	386	20.268	No	No	7.231168	83	11.266	0.767933	8	3.580
2126	Calibration	Ipswich	11	Henley Road	NB	Jan-17	ATC	No	50083-50084	50083	50084	138	92	4.279	Yes	Yes	126.0473	75	5.038	No	Yes	10.79279	11	0.020	1.535865	6	2.325
2127	Calibration	Ipswich	11	Henley Road	SB	Jan-17	ATC	No	50084-50083	50084	50083	137	130	0.581	Yes	Yes	124.1591	112	1.101	Yes	Yes	11.54828	12	0.114	1.353024	6	2.500
2128	Calibration	Ipswich	12	Westerfield Road	NB	Jan-17	ATC	No	50536-50082	50536	50082	104	88	1.647	Yes	Yes	94.80447	72	2.456	Yes	Yes	7.860748	12	1.342	1.371308	3	1.338
2129	Calibration	Ipswich	12	Westerfield Road	SB	Jan-17	ATC	No	50082-50536	50082	50536	120	96	2.343	Yes	Yes	109.632	77	3.390	Yes	Yes	9.101918	15	1.759	1.663854	4	1.337
2130	Calibration	Ipswich	13	Clopton Road	NB	Jan-17	ATC	No	50077-50080	50077	50080	26	15	2.644	Yes	Yes	23.17483	11	2.960	Yes	Yes	2.788137	2	0.623	0.511955	2	1.142
2131	Calibration	Ipswich	13	Clopton Road	SB	Jan-17	ATC	No	50080-50077	50080	50077	29	13	3.587	Yes	Yes	26.30508	11	3.510	Yes	Yes	2.518317	1	0.993	0.31083	0	0.203
2132	Calibration	Ipswich	14	ned Road[30M]Btwn Holly Lane And Grundisburgh R	NB	Jan-17	ATC	No	50065-50063	50065	50063	77	189	9.694	No	No	71.15369	165	8.625	No	Yes	5.558286	18	3.601	0.383966	6	3.195
2133	Calibration	Ipswich	14	ned Road[30M]Btwn Holly Lane And Grundisburgh R	SB	Jan-17	ATC	No	50063-50065	50063	50065	78	190	9.694	No	No	71.22692	170	8.968	No	Yes	5.97201	18	3.402	0.603376	3	1.611
2134	Calibration	Ipswich	15	Ipswich Road[60M]North Of Culpho	NB	Jan-17	ATC	No	50074-50073	50074	50073	48	83	4.337	Yes	Yes	44.40928	79	4.402	Yes	Yes	3.38174	4	0.444	0.457103	0	0.449
2135	Calibration	Ipswich	15	Ipswich Road[60M]North Of Culpho	SB	Jan-17	ATC	No	50073-50074	50073	50074	49	76	3.373	Yes	Yes	44.77539	73	3.629	Yes	Yes	4.065284	3	0.465	0.493671	0	0.331
2136	Calibration	Ipswich	16	Lodge Road[30M]East Of Manor House Road	NB	Jan-17	ATC	No	50313-50059	50313	50059	24	1	6.357	No	Yes	21.52733	1	6.030	No	Yes	1.852762	0	1.774	0.511955	0	0.949
2137	Calibration	Ipswich	16	Lodge Road[30M]East Of Manor House Road	SB	Jan-17	ATC	No	50059-50313	50059	50313	25	1	6.624	No	Yes	23.04669	1	6.320	No	Yes	1.96069	0	1.833	0.365682	0	0.753
2138	Calibration	Ipswich	19	Sandy Lane[60M]East Of Top Street	EB	Jan-17	ATC	No	50447-50448	5447	5448	39	102	7.543	No	Yes	34.81717	93	7.302	No	Yes	3.309788	8	1.902	0.511955	1	0.379
2139	Calibration	Ipswich	19	Sandy Lane[60M]East Of Top Street	WB	Jan-17	ATC	No	50448-50447	5448	5447	45	116	7.883	No	Yes	40.62003	107	7.754	No	Yes	3.975344	8	1.604	0.530239	1	0.164
2140	Calibration	Ipswich	20	School Lane[60M]East Of Viking Heights	NB	Jan-17	ATC	No	50580-50309	30580	30309	60	110	5.487	No	Yes	53.59867	91	4.399	Yes	Yes	5.52231	15	2.859	0.566807	5	2.540
2141	Calibration	Ipswich	20	School Lane[60M]East Of Viking Heights	SB	Jan-17	ATC	No	50309-50580	30309	30580	52	91	4.709	Yes	Yes	45.83711	80	4.298	Yes	Yes	4.946695	10	1.983	0.731365	1	0.232
2142	Calibration	Ipswich	21	9-021 Suffolk. Newbourne Road East of A12. Eastb	EB	Jan-17	ATC	No	50611-30611	30611	30613	223	49	14.985	No	No	186.0348	41	13.593	No	No	25.32933	7	4.514	11.92581	0	4.715
2143	Calibration	Ipswich	21	9-021 Suffolk. Newbourne Road East of A12. Westb	WB	Jan-17	ATC	No	50613-30611	30613	30611	213	64	12.597	No	No	176.9026	56	11.151	No	No	24.50188	6	4.582	11.11445	1	3.888
2144	Calibration	Ipswich	22	ffolk. Main Road East of Road Connects Seven Hill	EB	Jan-17	ATC	No	50356-30618	30356	30618	53	20	5.413	No	Yes	48.30836	15	5.995	No	Yes	4.550959	4	0.187	0.548523	2	1.065
2145	Calibration	Ipswich	22	ffolk. Main Road East of Road Connects Seven Hill	WB	Jan-17	ATC	No	50618-30356	30618	30356	49	23	4.277	Yes	Yes	43.76858	19	4.415	Yes	Yes	4.317115	4	0.181	0.859353	0	0.785
2146	Calibration	Ipswich	24	-024 Suffolk. Felixstowe Road East of A1156. Eastb	EB	Jan-17	ATC	No	50259-30349	30259	30349	121	8	13.995	No	No	107.9662	0	14.695	No	No	10.97267	0	4.570	1.700422	8	2.891
2147	Calibration	Ipswich	24	-024 Suffolk. Felixstowe Road East of A1156. Westb	WB	Jan-17	ATC	No	50349-30259	30349	30259	127	1	15.826	No	No	110.1811	0	14.845	No	No	14.60624	0	5.405	2.468355	1	1.427
2148	Calibration	Ipswich	25	5 Suffolk. The Street South of Felixstowe Road. No	NB	Jan-17	ATC	No	50263-30258	30263	30258	62	78	1.849	Yes	Yes	55.08142	70	1.892	Yes	Yes	5.88207	8	0.698	1.316456	0	1.623
2149	Calibration	Ipswich	25	5 Suffolk. The Street South of Felixstowe Road. So	SB	Jan-17	ATC	No	50258-30263	30258	30263	55	38	2.499	Yes	Yes	49.46161	33	2.610	Yes	Yes	5.000659	5	0.192	0.786217	0	1.254
2150	Calibration	Ipswich	26	39-026 Suffolk. Nacton Road South of A14. Northbo	NB	Jan-17	ATC	No	50260-30080	30260	30080	54	24	4.887	Yes	Yes	48.97971	21	4.706	Yes	Yes	4.838767	2	1.784	0.420535	1	0.667
2151	Calibration	Ipswich	26	39-026 Suffolk. Nacton Road South of A14. Southbo	SB	Jan-17	ATC	No	50080-30260	30080	30260	57	132	7.679	No	Yes	52.24381	93	4.800	Yes	Yes	4.694863	19	4.087	0.329114	20	6.190
2152	Validation	Ipswich	32	14139-032 Suffolk. B1067 East of A14. Eastbound	EB	Jan-17	ATC	No	50744-30780	30744	30780	161	238	5.462	No	Yes	147.9649	218	5.181	No	Yes	12.06319	18	1.433	1.186312	3	1.131
2153	Validation	Ipswich	32	14139-032 Suffolk. B1067 East of A14. Westbound	WB	Jan-17	ATC	No	50780-30744	30780	30744	164	181	1.367	Yes	Yes	150.3856	150	1.025	Yes	Yes	11.92603	28	3.678	1.225036	3	1.202
2154	Validation	Ipswich	33	k. Sproughton Road East of A14 West of Farthing R	EB	Jan-17	ATC	No	50029-30739	30029	30739	446	291	8.099	No	No	373.4574	210	9.545	No	No	61.71676	81	2.233	11.26301	0	4.746
2155	Validation	Ipswich	33	k. Sproughton Road East of A14 West of Farthing R	WB	Jan-17	ATC	No	50739-30029	30739	30029	450	364	4.278	Yes	Yes	386.058	281	5.734	No	No	51.80538	82	3.713	11.92124	0	4.883
2156	Validation	Ipswich	34	9-034 Suffolk. A1071 West of Hadleigh Road. Eastb	EB	Jan-17	ATC	No	50034-30150	50034	30150	533	504	1.265	Yes	Yes	468.5479	426	2.036	Yes	Yes	47.03857	54	1.035	17.42476	24	1.500
2157	Validation	Ipswich	34	9-034 Suffolk. A1071 West of Hadleigh Road. Westb	WB	Jan-17	ATC	No	50150-50034	30150	50034	531	507	1.052	Yes	Yes	471.0204	413	2.756	Yes	Yes	44.12452	64	2.709	15.66948	30	2.952
2158	Validation	Ipswich	36	9-036 Suffolk. Scrivener Drive East of A1214. Eastb	EB	Jan-17	ATC	No	5729-30159	5729	30159	453	587	5.863	No	No	421.4239	513	4.247	Yes	Yes	29.12254	34	0.896	2.395219	39	8.074
2159	Validation	Ipswich	36	9-036 Suffolk. Scrivener Drive East of A1214. Westb	WB	Jan-17	ATC	No	30159-5731	30159	5731	446	523	3.482	Yes	Yes	410.9844	444	1.579	Yes	Yes	29.28443	58	4.340	6.125178	21	4.133
2160	Calibration	Ipswich	38	38 Suffolk. Bramford Lane East of Cromer Road. No	NB	Jan-17	ATC	No	50266-30829	30829	20266	83	210	10.507	No	No	78.90365	190	9.595	No	No	3.795464	20	4.671	0.201125	0	0.634
2161	Calibration	Ipswich	38	38 Suffolk. Bramford Lane East of Cromer Road. So	SB	Jan-17	ATC	No	50829-20266	30829	20266	129	182	4.268	Yes	Yes	121.8475	172	4.157	Yes	Yes	6.007986	10	1.346	0.987342	0	1.405
2162	Calibration	Ipswich	40	Dale Hale Lane South Of Larchcroft Road	NB	Jan-17	ATC	No	50828-30827	30828	30827	158	153	0.418	Yes	Yes	150.1668	114	3.193	Yes	Yes	7.429036	3	1.731	0.566807	36	8.291
2163	Calibration	Ipswich	40	Dale Hale Lane South Of Larchcroft Road [30M]	SB	Jan-17	ATC	No	50827-30828	30827	30828	141	156	1.230	Yes	Yes	133.4816	110	2.082	Yes	Yes	6.727505	3	1.766	0.493671	42	9.041
2164	Calibration	Ipswich	43	Hadleigh Road West Of Dunlop Road [30M]	EB	Jan-17	ATC	No	50146-30782	30146	30782	324	376	2.753	Yes	Yes	284.1954	339	3.087	Yes	Yes	34.03326	30	0.791	5.796064	7	0.580
2165	Calibration	Ipswich	43	Hadleigh Road West Of Dunlop Road [30M]	WB	Jan-17	ATC	No	50782-30146	30782	30146	307	132	11.838	No	No	277.2546	114	11.642	No	No	27.17759	15	2.642	2.941457	3	0.243
2166	Calibration	Ipswich	44	A1214 East Dickens Road	NB	Jan-17	ATC	No	50381-30148	30381	30148	661	588	2.924	Yes	Yes	598.6976	517	3.470	Yes	Yes	47.25443	48	0.070	15.35865	24	1.895
2167	Calibration	Ipswich	44	A1214 East Dickens Road	SB	Jan-17	ATC	No	50148-30381	30148	30381	600	700	3.893	Yes	Yes	549.0797	614	2.694	Yes	Yes	38.89001	56	2.446	12.46976	30	3.797
2168	Calibration	Ipswich	45	Ancaster Rd [30M]	NB	Jan-17	ATC	No	50171-30167	30171	30167	253	197	3.783	Yes	Yes	236.964	185	3.583	Yes	Yes	12.40496	12	0.232	3.887659	0	2.788
2169	Calibration	Ipswich	45	Ancaster Rd [30M]	SB	Jan-17	ATC	No	50167-30171	30167	30171	277	359	4.583	Yes	Yes	257.5196	338	4.655	Yes	Yes	18.69851	21	0.475	0.719937	0	1.200
2170	Calibration	Ipswich	47	Maidenhead Approach [30M]	NB	Jan-17	ATC	No	50194-30206	30194	30206	113	175	5.149	No	Yes	102.274	160	5.060	No	Yes	10.19051	15	1.291	0.725814	0	1.205
2171	Calibration	Ipswich	47	Maidenhead Approach [30M]	SB	Jan-17	ATC	No	50206-30194	30206	30194	118	124	0.556	Yes	Yes	106.0106	114	0.717	Yes	Yes	11.00864	10	0.233	0.637658	0	1.129
2172	Calibration	Ipswich	48	ushmere Road West Of Humber Douchy Lane [30M	NB	Jan-17	ATC	No	50446-30320	30446	30320	92	73	2.144	Yes	Yes	86.14985	68	2.108	Yes	Yes	5.690947	5	0.430	0.393108	0	0.010
2173	Calibration	Ipswich	48	ushmere Road West Of Humber Douchy Lane [30M	SB	Jan-17	ATC	No	50320-30446	30320	30446	123	153	2.584	Yes	Yes	116.1604	147	2.681	Yes	Yes	6.511649	5	0.608	0.427391	2	1.115
2174	Calibration	Ipswich	51	Foxhall Road W Of Chilton Road [30]	EB	Jan-17	ATC	No	50445-30442	30445	30442	378	326	2.790	Yes	Yes	352.0342	295	3.190	Yes	Yes	18.6665	31	2.423	7.073013	0	3.761
2175	Calibration	Ipswich	51	Foxhall Road W Of Chilton Road [30]	WB	Jan-17	ATC	No	50442-30445	30442	30445	374	359	0.820	Yes	Yes	351.406	316	1.951	Yes	Yes	18.96287	43	4.288	3.892557	0	2.790
2176	Validation	Ipswich	54	Martlesham Road[30M]West Of A12	EB	Jan-17	ATC	No	50392-30310	30392	30310	75	152	7.301	No	Yes	71.11708	136	6.382	No	Yes	3.111921	16	4.178	0.420535	1	0.223
2177	Validation	Ipswich	54	Martlesham Road[30M]West Of A12	WB	Jan-17	ATC	No	50310-30392	30310	30392	62	69	0.831	Yes	Yes	58.15675	64	0.784	Yes	Yes	3.453692	4	0.288	0.292546	0	0.037
2178	Validation	Ipswich	56	Foxhall Road[60M]West Of A12	EB	Jan-17	ATC	No	50280-30609	30280	30609	352	175	10.943	No	No	329.7014	158	10.983	No	No	19.85873	15	1.133	2.925458	2	0.938
2179	Validation	Ipswich	56	Foxhall Road[60M]West Of A12	WB	Jan-17	ATC	No	50609-30280	30609	30280	390	156	14.182	No	No	362.6148	142	13.899	No	No	22.25113	13	2.236	4.881858	1	2.404
2180	Validation	Ipswich	60	Bucklesham Road West Of A12 [60M]	EB	Jan-17	ATC	No	50268-30355	30268	30355	35	6	6.350	No	Yes	29.94789	5	6.010	No	Yes	4.514983	1	1.976	0.658228	0	0.716
2181	Validation	Ipswich	60	Bucklesham Road West Of A12 [60M]	WB	Jan-17	ATC	No	50355-30268	30355	30268	35	4	6.848	No	Yes	29.74653	3	6.680	No	Yes	4.335103	1	2.042	0.438819	1	0.138
2182	Validation	Ipswich	62A	Crown Street [30m]	EB	Jan-17	ATC	No	50066-70307	10066	70307	447	471	1.090	Yes	Yes	415.9058	394	1.091	Yes	Yes	24.77395	69	6.451	6.506859	8	0.430
2183	Validation	Ipswich	62A	Crown Street [30m]	WB	Jan-17	ATC	No	50307-10066	70307	10066	504	518	0.605	Yes	Yes	445.6656	442	0.162	Yes	Yes	46.24935	66	2.599	12.4332	10	0.701
2184	Validation	Ipswich	62B	Fonnereau Road [30m]	NB	Jan-17	ATC	No	50028-20033	10028	20033	147	142	0.454	Yes	Yes	139.9239	126	1.183	Yes	Yes	6.513922	12	1.928	0.952984	3	1.559
2185	Validation	Ipswich	62B	Fonnereau Road [30m]	SB	Jan-17	ATC	No	50033-10028	20033	10028	149	158	0.675	Yes	Yes	139.8436	140	0.023	Yes	Yes	7.730779	14	1.805	1.705245	4	1.309
2186	Validation	Ipswich	63	Dogs Head St [20m]	EB	Jan-17	ATC	No	50064-10045	10064	10045	5	1	2.084	Yes	Yes	4.820927	1	2.632	Yes	Yes	0	0	0.141	0.390823	1	0.621
2187	Validation	Ipswich	63	Dogs Head St [20m]	WB	Jan-17	ATC	No	50045-10064	10045	10064						103.2909					52.95886			3.167723		
2188	Validation	Ipswich	64	Turret Lane [20m]	EB	Jan-17	ATC	No	50135-10132	10135	10132	7	23	4.120	Yes	Yes	6.62621	22	4.017	Yes	Yes	0.242838	0	0.316	0	1	1.299
2189	Validation	Ipswich	64	Turret Lane [20m]	WB	Jan-17	ATC	No	50132-10135	10132	10135	6	182	18.118	No	No	6.277463	166	17.226	No	No	6.07E-02	15	5.526	4.11E-02	1	1.046
2190	Validation	Ipswich	65	A1022 [30m]	EB	Jan-17	ATC	No	50084-10042	10084	10042	914	934	0.652	Yes	Yes	810.7158	781	1.036	Yes	Yes	70.68602	128	5.743	32.39716	24	1.542
2191	Validation	Ipswich	65	A1022 [30m]	WB	Jan-17	ATC	No	50042-10084	10042	10084						29.8282					0			0		
2192	Validation	Ipswich	66	College St East Of Foundary Lane [30m]	EB	Jan-17	ATC	No	50115-10011	10115	10011						46.50656					0			2.06E-02		
2193	Validation	Ipswich	66	College St East Of Foundary Lane [30m]	WB	Jan-17	ATC	No	50011-10115	10011	10115	1016	1026	0.313	Yes	Yes	885.3889	850	1.217	Yes	Yes	91.32723	141	4.627	39.6171	36	0.662
2194	Calibration	Ipswich	67	Graham Road North of Anglesea road [30m]	NB	Jan-17	ATC	No	50029-20259	20029	20259	16	69	8.236	No	Yes	14.31462	65	8.093	No	Yes	1.205195	3	1.461	3.66E-02	0	0.674
2195	Calibration	Ipswich	67	Graham Road North of Anglesea road [30m]	SB	Jan-17	ATC	No	50259-20029	20259	20029	15	50	6.179	No	Yes	13.54874	43	5.569	No	Yes	1.403062	7	2.638	3.66E-02	0	0.716
2200	Calibration	Ipswich	70	Henley Road [30m]	NB	Jan-17	ATC	No	50031-20041	20031	20041	344	156	11.902	No	No	328.9924	147	11.779	No	No	13.88222	4	3.275	1.439874	5	1.886
2201	Calibration	Ipswich	70	Henley Road [30m]	SB	Jan-17	ATC	No	50041-20031	20041	20031	297	150	9.856	No	No	283.7372	132	10.526	No	No	12.12165	14	0.626	1.213608	3	1.429
2202	Calibration	Ipswich	71	Bolton Road	NB	Jan-17	ATC	No	50320-20035	20320	20035	139	196	4.436	Yes	Yes	126.1442	172	3.756	Yes	Yes	11.53479	15	0.897	0.884494	9	3.690
2203	Calibration	Ipswich	71	Bolton Road	SB	Jan-17	ATC	No	50035-20320	20035	20320	131	121	0.930	Yes	Yes	120.3796	110	0.924	Yes	Yes	10.23966	6	1.677	0.699367	5	2.509
2204	Calibration	Ipswich	72 A	Cobbald St	WB	Jan-17	ATC	No	50086-10087	10086	10087	38	36	0.331	Yes	Yes	30.27953	30	0.051	Yes	Yes	7.204186	6	0.655	0.123418	0	0.240
2205	Validation	Ipswich	84	A137	NB	Jan-17	ATC	No	50061-30221	30061	30221	607	606	0.073	Yes	Yes	533.6571	481	2.352	Yes	Yes	54.50358	100	5.144	19.18003	25	1.278
2206	Validation	Ipswich	84	A137	SB	Jan-17	ATC	No	50221-30061	30221	30061	559	612	2.159	Yes	Yes	486.2217	484	0.091	Yes	Yes	45.74344	94	5.744	27.33475	34	1.135
2207	Validation	Ipswich	85	The Strand	NB	Jan-17	ATC	No	50049-30222	50049	30222	334	274	3.443	Yes	Yes	303.8663	240	3.845	Yes	Yes	24.95755	29	0.804	4.735324	4	0.350
2208	Validation	Ipswich	85	The Strand	SB	Jan-17	ATC	No	50222-50049	30222	50049	341	289	2.925	Yes	Yes	310.108	251	3.524	Yes	Yes	27.25719	35	1.312	3.708802	4	0.096
2209	Validation	Ipswich	86	Nacton Road	NB	Jan-17	ATC	No	50078-30778	30078	30778	913	978	2.101	Yes	Yes	816.7859	775	1.479	Yes	Yes	66.7444	152	8.131	29.92424	51	3.352
2210	Validation	Ipswich	86	Nacton Road	SB	Jan-17	ATC	No	50778-30078	30778	30078	945	1032	2.779	Yes	Yes	842.1966	812	1.065	Yes	Yes	75.83958	169	8.415	26.83879	52	3.973
2211	Validation	Ipswich	87 A	The Havens	NB	Jan-17	ATC	No	50079-30663	30079	30663	330	464	6.689	No	No	257.2985	353	5.498	No	Yes	44.10653	55	1.545	28.96203	55	4.059
2212	Validation	Ipswich	87 A	The Havens	SB	Jan-17	ATC	No	50663-30079	30663	30079	399	351	2.511	Yes	Yes	354.6926	286	3.819	Yes	Yes	33.85338	40	0.963	10.76934	25	3.303
2213	Validation	Ipswich	88	Felixstowe Road	EB	Jan-17	ATC	No	50257-30257	30257	30258	410	401	0.470	Yes	Yes	377.7901	348	1.554	Yes	Yes	29.28443	44	2.456	3.345993	9	2.148
2214	Validation	Ipswich	88	Felixstowe Road	WB	Jan-17	ATC	No	50258-30257	30258	30257	443	393	2.441	Yes	Yes	411.454	334	3.997	Yes	Yes	27.19783	50	3.630	4.625881	9	1.795
2215	Calibration	Ipswich	90	Tuddenham Road	NB	Jan-17	ATC	No	50541-30790	30541	30790	133	228	7.117	No	Yes	124.0608	209	6.605	No	Yes	7.818026	15	2.188	0.836498	4	1.921
2216	Calibration	Ipswich	90	Tuddenham Road	SB	Jan-17	ATC	No	50790-30541	30790	30541	158	257	6.868	No	Yes	144.4979	238	6.757	No	Yes	12.47691	17	1.156	0.898207	2	0.865
2217	Calibration	Ipswich	91	Sidegate Lane	EB	Jan-17	ATC	No	50327-30556	30327	30556	116	91	2.508	Yes	Yes	107.0383	86	2.111	Yes	Yes	8.796123	4	2.020	0.541667	1	0.344
2218	Calibration	Ipswich	91	Sidegate Lane	WB	Jan-17	ATC	No	50556-30327	30556	30327	102	113	1.030	Yes	Yes	94.56539	105	1.014	Yes	Yes	6.219344	7	0.478	1.231892	1	0.747

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
2219	Calibration	Ipswich	92	Renfrew road	NB	Jan-17	ATC	No	0770-3040	30770	30400	137	94	3.972	Yes	Yes	125.3646	90	3.459	Yes	Yes	10.45327	4	2.333	0.73365	0	0.686
2220	Calibration	Ipswich	92	Renfew Road	SB	Jan-17	ATC	No	0400-3077	30400	30770	123	103	1.864	Yes	Yes	113.3271	101	1.192	Yes	Yes	8.715177	2	3.016	0.633087	0	0.910
2221	Calibration	Ipswich	93	Humber Douchy Lane	NB	Jan-17	ATC	No	0300-3064	30300	30641	70	74	0.426	Yes	Yes	65.93615	69	0.419	Yes	Yes	3.568366	4	0.020	0.486815	1	0.261
2222	Calibration	Ipswich	93	Humber Douchy Lane	SB	Jan-17	ATC	No	0641-3030	30641	30300	39	63	3.289	Yes	Yes	36.26522	60	3.387	Yes	Yes	2.518317	2	0.147	0.37711	1	0.319
2223	Calibration	Ipswich	94	East of Humber Douchy Road	EB	Jan-17	ATC	No	0300-3056	30300	30562	107	212	8.381	No	No	100.2046	193	7.666	No	Yes	5.459352	19	3.870	0.943917	0	0.589
2224	Calibration	Ipswich	94	East of Humber Douchy Road	WB	Jan-17	ATC	No	0562-3030	30562	30300	65	119	5.714	No	Yes	59.82256	111	5.581	No	Yes	4.292382	7	1.253	0.463959	1	0.192
2225	Calibration	Ipswich	97	Bucklesham Road	EB	Jan-17	ATC	No	0440-3062	30440	30628	80	23	8.004	No	Yes	72.43508	17	8.319	No	Yes	6.835433	5	0.930	0.530239	1	0.615
2226	Calibration	Ipswich	97	Bucklesham Road	WB	Jan-17	ATC	No	0628-3044	30628	30440	84	25	8.037	No	Yes	76.13281	18	8.394	No	Yes	7.518976	5	1.190	0.822785	2	0.991
2227	Calibration	Ipswich	99	Lindbergh Road North of Campbell Road	NB	Jan-17	ATC	No	0435-3025	30435	30254	114	61	5.731	No	Yes	103.8722	57	5.267	No	Yes	9.445938	2	3.275	0.886779	2	1.079
2228	Calibration	Ipswich	99	Lindbergh Road North of Campbell Road	SB	Jan-17	ATC	No	0254-3043	30254	30435	92	58	3.975	Yes	Yes	84.0209	55	3.433	Yes	Yes	7.566194	1	3.146	0.521097	1	0.820
2229	Calibration	Ipswich	100	Nacton Road South of Landseer Road	NB	Jan-17	ATC	No	0671-3024	30671	30241	600	544	2.321	Yes	Yes	538.8862	480	2.603	Yes	Yes	43.74677	51	1.118	17.13221	13	1.152
2230	Calibration	Ipswich	100	Nacton Road South of Landseer Road	SB	Jan-17	ATC	No	0241-3067	30241	30671	596	667	2.833	Yes	Yes	546.782	574	1.138	Yes	Yes	38.22446	79	5.336	11.0436	14	0.948
2231	Calibration	Ipswich	103	Cliff Lane East of Landseer Road	EB	Jan-17	ATC	No	0227-3068	30227	30686	96	64	3.538	Yes	Yes	85.62787	59	3.151	Yes	Yes	9.776468	5	1.589	0.690225	0	0.829
2232	Calibration	Ipswich	103	Cliff Lane East of Landseer Road	WB	Jan-17	ATC	No	0686-3022	30686	30227	97	74	2.510	Yes	Yes	87.86168	67	2.400	Yes	Yes	7.905718	7	0.328	1.435303	0	1.346
2233	Calibration	Ipswich	104	Holywell Road South of Patteson Road	NB	Jan-17	ATC	No	0114-3022	70114	30226	346	377	1.633	Yes	Yes	305.257	289	0.963	Yes	Yes	36.31773	54	2.625	4.863574	35	6.733
2234	Calibration	Ipswich	104	Holywell Road South of Patteson Road	SB	Jan-17	ATC	No	0226-7011	30226	70114	308	293	0.917	Yes	Yes	271.139	232	2.479	Yes	Yes	31.46098	36	0.855	5.814348	24	4.754
2235	Calibration	Ipswich	105	Cliff Road South of Patterson Road	NB	Jan-17	ATC	No	0076-7009	70076	70094	42	34	1.328	Yes	Yes	24.78162	28	0.623	Yes	Yes	6.925373	5	0.749	10.20253	1	4.089
2236	Calibration	Ipswich	105	Cliff Road South of Patterson Road	SB	Jan-17	ATC	No	0094-7007	70094	70076	31	29	0.450	Yes	Yes	20.93399	23	0.410	Yes	Yes	6.439697	6	0.263	4.095641	0	2.506
2237	Calibration	Ipswich	108	Between Hadham Road and Yarmouth Road	EB	Jan-17	ATC	No	0148-2001	30148	20014	930	852	2.634	Yes	Yes	830.8758	760	2.514	Yes	Yes	64.78371	56	1.168	34.74739	36	0.225
2238	Calibration	Ipswich	108	Between Hadham Road and Yarmouth Road	WB	Jan-17	ATC	No	0014-3014	20014	30148	1013	814	6.587	No	No	909.976	709	7.070	No	No	66.41582	69	0.298	36.90983	36	0.071
2239	Calibration	Ipswich	109	Between Beaconsfield Road and Yarmouth Road	EB	Jan-17	ATC	No	0819-2002	30819	20025	430	367	3.133	Yes	Yes	392.2024	337	2.902	Yes	Yes	30.3817	29	0.272	7.057667	1	2.740
2240	Calibration	Ipswich	109	Between Beaconsfield Road and Yarmouth Road	WB	Jan-17	ATC	No	0025-3081	20025	30819	465	352	5.547	No	No	427.4327	322	5.446	No	No	32.43233	29	0.638	4.680733	2	1.797
2241	Calibration	Ipswich	110	mford Lane Between All Saints and Brookshall Ro	NB	Jan-17	ATC	No	0145-3074	30145	30746	45	95	5.954	No	Yes	42.14151	88	5.681	No	Yes	2.554293	5	1.293	0.164557	2	1.487
2242	Calibration	Ipswich	110	mford Lane Between All Saints and Brookshall Ro	SB	Jan-17	ATC	No	0746-3014	30746	30145	98	63	3.932	Yes	Yes	93.38238	58	4.032	Yes	Yes	4.065284	3	0.533	0.383966	1	0.984
2243	Calibration	Ipswich	111	Norwich road Between Broom Hill and Westwood	NB	Jan-17	ATC	No	0027-2026	20027	20267	784	809	0.918	Yes	Yes	707.9264	746	1.401	Yes	Yes	57.95727	62	0.458	17.64417	2	4.892
2244	Calibration	Ipswich	111	Norwich road Between Broom Hill and Westwood	SB	Jan-17	ATC	No	0267-2002	20267	20027	674	766	3.449	Yes	Yes	621.0904	712	3.503	Yes	Yes	45.61752	54	1.122	6.929679	1	2.871
2245	Calibration	Ipswich	112	Dale Hall Lane North of Valley Road	NB	Jan-17	ATC	No	0043-2027	20043	20270	179	227	3.375	Yes	Yes	165.9388	188	1.626	Yes	Yes	12.36984	6	2.071	1.038766	34	7.856
2246	Calibration	Ipswich	112	Dale Hall Lane North of Valley Road	SB	Jan-17	ATC	No	0270-2004	20270	20043	161	111	4.273	Yes	Yes	149.3112	70	7.593	No	Yes	10.12152	6	1.496	1.235451	35	7.952
2247	Calibration	Ipswich	113	Henley Road N of Valley Road	NB	Jan-17	ATC	No	0044-3033	20044	30334	317	178	8.787	No	No	297.9743	165	8.759	No	No	16.8345	9	2.342	1.796414	5	1.786
2248	Calibration	Ipswich	113	Henley Road N of Valley Road	SB	Jan-17	ATC	No	0334-2004	30334	20044	316	295	1.160	Yes	Yes	294.5712	271	1.390	Yes	Yes	16.79178	11	1.492	4.155065	13	2.979
2249	Validation	Ipswich	114	Pownall Road	NB	Jan-17	ATC	No	0268-3076	70268	30760	40	22	3.209	Yes	Yes	35.88684	20	3.092	Yes	Yes	3.597596	2	1.038	0.383966	1	0.228
2250	Validation	Ipswich	114	Pownall Road	SB	Jan-17	ATC	No	0760-7026	30760	70268	50	48	0.312	Yes	Yes	43.54562	47	0.451	Yes	Yes	5.828106	1	2.413	0.658228	0	1.147
2251	Validation	Ipswich	115	Scrivener Drive	NB	Jan-17	ATC	No	0162-3015	30162	30155	175	73	9.155	No	No	163.185	56	10.215	No	No	9.26381	10	0.218	2.779185	7	1.927
2252	Validation	Ipswich	115	Scrivener Drive	SB	Jan-17	ATC	No	0155-3016	30155	30162	189	55	12.141	No	No	174.2105	53	11.430	No	No	13.0233	2	4.017	1.444445	0	1.353
2253	Validation	Ipswich	116	Robin Drive	NB	Jan-17	ATC	No	0165-3015	30165	30158	178	109	5.735	No	No	162.8402	97	5.815	No	Yes	14.0666	9	1.544	1.005626	4	1.779
2254	Validation	Ipswich	116	Robin Drive	SB	Jan-17	ATC	No	0158-3016	30158	30165	218	168	3.649	Yes	Yes	203.45	164	2.936	Yes	Yes	13.67087	3	3.601	1.060479	1	0.478
2255	Validation	Ipswich	117	Lovetofts Drive	NB	Jan-17	ATC	No	0128-3012	30128	30123	161	161	0.036	Yes	Yes	144.605	130	1.242	Yes	Yes	12.44768	31	3.987	3.583686	0	2.677
2256	Validation	Ipswich	117	Lovetofts Drive	SB	Jan-17	ATC	No	0123-3012	30123	30128	181	204	1.655	Yes	Yes	159.7038	173	1.065	Yes	Yes	14.89405	31	3.277	6.399439	0	3.578
2257	Validation	Ipswich	118	Felixstowe Road West Of Derby Road	NB	Jan-17	ATC	No	0246-7016	30246	70167	280	442	8.515	No	No	259.7032	398	7.620	No	No	18.13413	43	4.425	2.530064	2	0.467
2258	Validation	Ipswich	118	Felixstowe Road West Of Derby Road	SB	Jan-17	ATC	No	0167-3024	70167	30246	257	455	10.491	No	No	238.6598	408	9.394	No	No	15.33475	39	4.507	2.875177	8	2.348
2259	Calibration	Ipswich	120	Landseer Road West Of Clapgate Lane	EB	Jan-17	ATC	No	0676-3023	30676	30235	341	446	5.258	No	No	300.4794	370	3.778	Yes	Yes	31.47897	53	3.270	9.452886	23	3.439
2260	Calibration	Ipswich	120	Landseer Road West Of Clapgate Lane	WB	Jan-17	ATC	No	0235-3067	30235	30676	406	474	3.245	Yes	Yes	348.8026	385	1.910	Yes	Yes	39.55557	52	1.890	17.18707	36	3.620
2261	Validation	Ipswich	121	Nacton Road E Of Felixstowe Road Junction	NB	Jan-17	ATC	No	0146-3024	70146	30245	174	112	5.188	No	Yes	152.1726	99	4.750	Yes	Yes	21.3315	13	1.922	0.889065	0	1.333
2262	Validation	Ipswich	121	Nacton Road E Of Felixstowe Road Junction	SB	Jan-17	ATC	No	0245-7014	30245	70146	225	198	1.856	Yes	Yes	198.5652	170	2.119	Yes	Yes	25.37654	28	0.557	1.129044	0	1.503
2263	Validation	Ipswich	122	Ashcroft Road E Of Norwich Road	EB	Jan-17	ATC	No	0136-3047	30136	30477	139	242	7.437	No	No	128.2481	216	6.682	No	Yes	9.965341	9	0.254	0.969058	17	5.303
2264	Validation	Ipswich	122	Ashcroft Road E Of Norwich Road	WB	Jan-17	ATC	No	0477-3013	30477	30136	155	184	2.282	Yes	Yes	143.2374	169	2.025	Yes	Yes	9.335762	6	1.133	2.066105	10	3.134
2265	Validation	Ipswich	123	Grimwade St North Of Star Lane	NB	Jan-17	ATC	No	0018-1010	10018	10104						62.67889					2.02E-02			0		
2266	Validation	Ipswich	123	Grimwade St North Of Star Lane	SB	Jan-17	ATC	No	0104-1001	10104	10018	398	425	1.305	Yes	Yes	356.1674	360	0.215	Yes	Yes	25.55642	57	4.913	16.38714	7	2.677
2267	Validation	Ipswich	124	Duke St South Of Pownhall Road	NB	Jan-17	ATC	No	0093-3075	70093	30758	386	320	3.510	Yes	Yes	342.1291	231	6.591	No	No	32.08038	55	3.512	12.03617	34	4.640
2268	Validation	Ipswich	124	Duke St South Of Pownhall Road	SB	Jan-17	ATC	No	0758-7009	30758	70093	294	358	3.563	Yes	Yes	141.0348	277	9.402	No	No	16.77893	54	6.288	136.1122	27	12.072
2269	Validation	Ipswich	125	Fore Hamlet East Of Pownhall Road	NB	Jan-17	ATC	No	0431-3076	30431	30760	467	547	3.555	Yes	Yes	420.5945	502	3.771	Yes	Yes	40.79674	46	0.744	5.814348	0	3.410
2270	Validation	Ipswich	125	Fore Hamlet East Of Pownhall Road	SB	Jan-17	ATC	No	0760-3043	30760	30431	469	455	0.635	Yes	Yes	431.0068	400	1.510	Yes	Yes	34.73479	55	3.024	3.126583	0	2.501
2271	Calibration	Ipswich	126	Bridge Street	NB	Jan-17	ATC	No	0214-7016	30214	70166	776	915	4.783	Yes	No	694.7879	792	3.576	Yes	Yes	50.57096	99	5.568	30.29906	24	1.306
2272	Calibration	Ipswich	126	Bridge Street	SB	Jan-17	ATC	No	0166-3021	70166	30214	726	919	6.714	No	No	648.4044	800	5.618	No	No	51.13758	96	5.252	26.82279	23	0.735
2273	Validation	Ipswich	127	Grey Friars Road	NB	Jan-17	ATC	No	0007-7022	10007	70226	475	438	1.734	Yes	Yes	446.1101	373	3.632	Yes	Yes	25.98364	61	5.287	2.859178	4	0.841
2274	Validation	Ipswich	127	Grey Friars Road	SB	Jan-17	ATC	No	0226-1000	70226	10007	505	677	7.066	No	No	474.6664	587	4.857	Yes	No	23.73739	83	8.120	6.397154	7	0.200
2275	Validation	Ipswich	128	Grafton Way	EB	Jan-17	ATC	No	0001-1006	20001	10060	370	386	0.855	Yes	Yes	338.6753	280	3.349	Yes	Yes	24.22306	84	8.114	6.829116	23	4.129
2276	Validation	Ipswich	128	Grafton Way	WB	Jan-17	ATC	No	0060-2000	10060	20001	419	442	1.090	Yes	Yes	371.3755	338	1.768	Yes	Yes	40.5539	78	4.857	7.384496	26	4.543
2277	Validation	Ipswich	129	99-129 Suffolk. Bond St North of Star Lane. Northbo	NB	Jan-17	ATC	No	0054-7026	10054	70264	273	202	4.617	Yes	Yes	252.0764	187	4.419	Yes	Yes	19.13247	15	0.926	1.867265	0	1.932
2278	Validation	Ipswich	130	130 Suffolk. Spring Road West of Goring Road. Eas	EB	Jan-17	ATC	No	0064-2009	20064	20090	155	178	1.762	Yes	Yes	145.0655	158	1.090	Yes	Yes	9.322271	11	0.589	0.639944	8	3.557
2279	Validation	Ipswich	130	130 Suffolk. Spring Road West of Goring Road. Wes	WB	Jan-17	ATC	No	0090-2006	20090	20064	247	224	1.515	Yes	Yes	231.2746	198	2.294	Yes	Yes	14.98848	17	0.408	1.04448	10	3.748
2280	Validation	Ipswich	131	131 Suffolk. Spring Road West of Railway Line. Eas	EB	Jan-17	ATC	No	0069-2006	20069	20067	122	250	9.397	No	No	112.0028	227	8.814	No	No	9.207598	23	3.425	0.399965	0	0.894
2281	Validation	Ipswich	131	131 Suffolk. Spring Road West of Railway Line. Wes	WB	Jan-17	ATC	No	0067-2006	20067	20069	230	390	9.105	No	No	212.6884	349	8.143	No	No	16.3106	41	4.617	0.89135	0	1.335
2282	Validation	Ipswich	132	14139-132 Suffolk. Wherestead Road. Northbound	NB	Jan-17	ATC	No	0785-3021	30785	30218	519	508	0.448	Yes	Yes	472.8611	432	1.926	Yes	Yes	40.37177	77	4.726	5.306964	0	3.258
2283	Validation	Ipswich	132	14139-132 Suffolk. Wherestead Road. Southbound	SB	Jan-17	ATC	No	0218-3078	30218	30785	523	501	1.010	Yes	Yes	470.9943	433	1.805	Yes	Yes	43.5489	68	3.269	8.906648	0	4.221
2284	Validation	Ipswich	133	133 Suffolk. Fore Street East of Grimwade St. East	EB	Jan-17	ATC	No	0062-2007	10062	20072	907	902	0.158	Yes	Yes	844.0725	742	3.620	Yes	Yes	44.43931	132	9.323	18.73893	28	1.980
2285	Validation	Ipswich	133	133 Suffolk. Fore Street East of Grimwade St. West	WB	Jan-17	ATC	No	0072-1006	20072	10062	820	844	0.829	Yes	Yes	753.9725	707	1.752	Yes	Yes	50.44954	104	6.079	16.00317	34	3.582
2286	Validation	Ipswich	134	4 Suffolk. Fore Street North of Lower Orwell St. No	NB	Jan-17	ATC	No	0053-1005	10053	10051	122	111	0.947	Yes	Yes	104.6928	103	0.192	Yes	Yes	15.31452	6	2.720	1.572434	2	0.494
2287	Validation	Ipswich	134	4 Suffolk. Fore Street North of Lower Orwell St. So	SB	Jan-17	ATC	No	0051-1005	10051	10053	101	38	7.527	No	Yes	81.35172	32	6.554	No	Yes	18.45117	5	3.757	0.701653	0	0.373
2288	Validation	Ipswich	135	135 Suffolk. Foxhall Road Near Railway Line. East	EB	Jan-17	ATC	No	0076-2007	20076	20077	290	265	1.490	Yes	Yes	269.6186	233	2.294	Yes	Yes	16.01155	32	3.263	4.443039	0	2.981
2289	Validation	Ipswich	135	135 Suffolk. Foxhall Road Near Railway Line. Wes	WB	Jan-17	ATC	No	0077-2007	20077	20076	240	215	1.631	Yes	Yes	222.9662	182	2.908	Yes	Yes	14.94127	33	3.740	1.593003	0	1.785
2290	Validation	Ipswich	136	14112-136 Suffolk. Wherry Quay. Eastbound	EB	Jan-17	ATC	No	0004-7000	70004	70003	28	26	0.451	Yes	Yes	25.93043	23	0.605	Yes	Yes	1.96069	3	0.550	0.201125	0	0.634
2295	Calibration	Ipswich	72B	Christchurch Street	NB	Jan-17	ATC	No	0022-1008	10022	10086	53	115	6.731	No	Yes	50.19919	106	6.298	No	Yes	2.81287	9	2.639	0.349684	0	0.836
2296	Calibration	Ipswich	72B	Christchurch Street	SB	Jan-17	ATC	No	0086-1002	10086	10022	118	249	9.719	No	No	108.6042	208	7.916	No	Yes	8.56003	30	4.830	0.493671	11	4.468
2297	Calibration	Ipswich	1	Bridge Street/Grafton Way - Arm A - College Street	pproac	May-17	MCC	No	0115-1001	10115	10010	1165	1026	4.198	Yes	Yes	989	850	4.613	Yes	Yes	140	141	0.074	36	36	0.004
2298	Calibration	Ipswich	1	Bridge Street/Grafton Way - Arm A - Star Lane	Exit	May-17	MCC	No	0007-1004	10007	10041	1072	1082	0.308	Yes	Yes	925	934	0.288	Yes	Yes	122	123	0.115	25	25	0.011
2299	Calibration	Ipswich	1	Bridge Street/Grafton Way - Arm B - Marina Access	Exit	May-17	MCC	No	0166-7003	70166	70035	43	43	0.013	Yes	Yes	32	32	0.018	Yes	Yes	9	9	0.129	2	2	0.141
2300	Calibration	Ipswich	1	Bridge Street/Grafton Way - Arm B - Marina Access	pproac	May-17	MCC	No	0035-7016	70035	70166	27	28	0.175	Yes	Yes	21	21	0.121	Yes	Yes	5	5	0.165	1	1	0.007
2303	Calibration	Ipswich	1	Bridge Street/Grafton Way - Arm D - Grafton Way	pproac	May-17	MCC	No	0319-1000	70319	10008	373	367	0.339	Yes	Yes	310	301	0.517	Yes	Yes	48	50	0.315	16	16	0.077
2304	Calibration	Ipswich	1	Bridge Street/Grafton Way - Arm D - Grafton Way	Exit	May-17	MCC	No	0008-7031	10008	70319	416	442	1.230	Yes	Yes	338	338	0.000	Yes	Yes	57	78	2.615	22	26	0.861
2309	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm B - Dock St	Exit	May-17	MCC	No	0009-7001	70009	70010	39	39	0.083	Yes	Yes	30	29	0.144	Yes	Yes	8	8	0.043	1	1	0.134
2311	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm C - A137 Vernon St	pproac	May-17	MCC	No	0018-7000	70018	70009	517	519	0.076	Yes	Yes	433	433	0.027	Yes	Yes	64	65	0.154	20	20	0.017
2312	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm C - A137 Vernon St	Exit	May-17	MCC	No	0009-7001	70009	70018	461	453	0.394	Yes	Yes	381	381	0.008	Yes	Yes	57	56	0.162	22	15	1.622
2313	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm D - Burrell Rd	pproac	May-17	MCC	No	0213-3021	30213	30214	425	433	0.411	Yes	Yes	378	390	0.618	Yes	Yes	41	40	0.133	6	4	1.219
2314	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm D - Burrell Rd	Exit	May-17	MCC	No	0214-3021	30214	30213	420	465	2.153	Yes	Yes	376	420	2.222	Yes	Yes	37	38	0.198	7	7	0.093
2315	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm A - Burrell Rd W	pproac	May-17	MCC	No	0429-3021	30429	30213	182	192	0.747	Yes	Yes	161	175	1.106	Yes	Yes	18	17	0.237	3	0	2.501
2316	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm A - Burrell Rd W	Exit	May-17	MCC	No	0213-3042	30213	30429	263	260	0.178	Yes	Yes	236	234	0.154	Yes	Yes	23	23	0.113	3	3	0.012
2319	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm C - Stoke Street	pproac	May-17	MCC	No	0212-3021	30212	30213	251	249	0.092	Yes	Yes	223	221	0.140	Yes	Yes	24	24	0.049	3	4	0.214
2320	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm C - Stoke Street	Exit	May-17	MCC	No	0213-3021	30213	30212	167	214	3.380	Yes	Yes	147	194	3.585	Yes	Yes	17	17	0.063	4	3	0.218
2321	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm A - Hawes Stree	pproac	May-17	MCC	No	0051-3021	70051	30217	510	477	1.484	Yes	Yes	422	405	0.811	Yes	Yes	66	63	0.353	22	9	3.457
2322	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm A - Hawes Stree	Exit	May-17	MCC	No	0217-7005	30217	70051	492	490	0.104	Yes	Yes	411	414	0.157	Yes	Yes	62	67	0.707	20	8	2.987
2323	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm B - Virginia Stre	Exit	May-17	MCC	No	0217-7004	30217	70048	17	17	0.065	Yes	Yes	16	16	0.060	Yes	Yes	1	1	0.200	0	0	0.574

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
2324	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm B - Virginia Stre	pproac	May-17	MCC	No	0048-3021	70048	30217	15	18	0.636	Yes	Yes	14	14	0.034	Yes	Yes	1	1	0.129	0	3	2.392
2325	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm C - Rapier Stree	pproac	May-17	MCC	No	0786-3021	30786	30217	66	59	0.869	Yes	Yes	44	44	0.047	Yes	Yes	16	14	0.486	5	0	3.245
2326	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm C - Rapier Stree	Exit	May-17	MCC	No	0217-3078	30217	30786	63	59	0.602	Yes	Yes	43	43	0.043	Yes	Yes	16	16	0.069	5	0	3.245
2327	Calibration	Ipswich	4	tead Road/Hawes Street - Arm D - A137 Wherstead	pproac	May-17	MCC	No	0218-3021	30218	30217	515	508	0.291	Yes	Yes	427	432	0.227	Yes	Yes	66	77	1.297	22	0	6.666
2328	Calibration	Ipswich	4	tead Road/Hawes Street - Arm D - A137 Wherstead	Exit	May-17	MCC	No	0217-3021	30217	30218	534	501	1.454	Yes	Yes	440	433	0.353	Yes	Yes	69	68	0.122	25	0	7.026
2329	Calibration	Ipswich	4	erstead Road/Hawes Street - Arm E - Wherstead Rd	pproac	May-17	MCC	No	0047-3021	70047	30217	59	72	1.570	Yes	Yes	52	59	1.024	Yes	Yes	7	7	0.043	0	6	3.033
2330	Calibration	Ipswich	4	erstead Road/Hawes Street - Arm E - Wherstead Rd	Exit	May-17	MCC	No	0217-7004	30217	70047	59	68	1.053	Yes	Yes	50	50	0.061	Yes	Yes	9	9	0.138	0	9	3.883
2331	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Riversid	pproac	Jul-17	MCC	No	0259-4010	10259	4010	82	82	0.018	Yes	Yes	73	73	0.011	Yes	Yes	9	9	0.087	0	0	0.000
2332	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Riversid	Exit	Jul-17	MCC	No	4010-1025	4010	10259	69	70	0.141	Yes	Yes	60	60	0.033	Yes	Yes	8	8	0.082	1	2	0.955
2335	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Durban	pproac	Jul-17	MCC	No	6402-4010	6402	4010	38	38	0.105	Yes	Yes	36	36	0.097	Yes	Yes	3	2	0.844	0	0	0.295
2336	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Durban	Exit	Jul-17	MCC	No	4010-6402	4010	6402	35	34	0.285	Yes	Yes	32	32	0.089	Yes	Yes	4	2	1.373	0	0	0.437

Appendix I.3

LINK COUNT PERFORMANCE PM

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	ALL VEHICLES					CAR					LGV			HGV		
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
3	Calibration		2	Glemsford Low St	NB	Jan-16	ATC	No	3725-3315	3725	3315	33	37	0.717	Yes	Yes	29.14622	32	0.440	Yes	Yes	3.666281	5	0.780	0.395833	1	0.267
4	Calibration		2	Glemsford Low St	SB	Jan-16	ATC	No	3315-3725	3315	3725	74	75	0.044	Yes	Yes	65.76868	66	0.058	Yes	Yes	8.272991	8	0.085	0.291667	0	0.244
5	Validation		3	Hadleigh A1071 Ipswich Road	EB	Jan-16	ATC	No	3129-3692	3129	3692	475	239	12.527	No	No	396.5366	218	10.210	No	No	49.88004	15	6.031	28.75	5	5.621
6	Validation		3	Hadleigh A1071 Ipswich Road	WB	Jan-16	ATC	No	3692-3129	3692	3129	484	329	7.667	No	No	417.2258	268	8.050	No	No	52.48251	44	1.178	14.04167	17	0.676
7	Calibration		4	Hadleigh B1070 Benton Street	NB	Jan-16	ATC	No	3685-1327	3685	1327	218	219	0.115	Yes	Yes	190.681	191	0.032	Yes	Yes	23.98562	24	0.023	2.833333	4	0.618
8	Calibration		4	Hadleigh B1070 Benton Street	SB	Jan-16	ATC	No	1327-3685	1327	3685	209	203	0.411	Yes	Yes	182.5386	177	0.414	Yes	Yes	22.96139	23	0.040	3.625	3	0.083
9	Calibration		5	Hadleigh A1141	NB	Jan-16	ATC	No	3130-5838	3130	5838	354	270	4.771	Yes	Yes	311.3001	203	6.727	No	No	39.1582	48	1.285	3.541667	19	4.552
10	Calibration		5	Hadleigh A1141	SB	Jan-16	ATC	No	5838-3130	5838	3130	272	196	4.929	Yes	Yes	235.4644	179	3.927	Yes	Yes	29.61889	10	4.459	6.666667	8	0.345
11	Calibration		6	Hadleigh A1071	NB	Jan-16	ATC	No	3701-3130	3701	3130	353	241	6.520	No	No	307.562	224	5.138	No	Yes	38.68799	16	4.415	6.708333	1	2.800
12	Calibration		6	Hadleigh A1071	SB	Jan-16	ATC	No	3130-3701	3130	3701	269	282	0.782	Yes	Yes	222.6586	250	1.761	Yes	Yes	28.00806	25	0.495	18.66667	7	3.208
13	Calibration		7	East Bergholt B1068	EB	Jan-16	ATC	No	3127-3114	3127	3114	116	236	9.075	No	No	101.1883	166	5.616	No	Yes	12.72839	59	7.673	1.583333	11	3.786
14	Calibration		7	East Bergholt B1068	WB	Jan-16	ATC	No	3114-3127	3114	3127	149	187	2.928	Yes	Yes	129.7978	181	4.080	Yes	Yes	16.32717	4	3.741	2.791667	2	0.576
15	Calibration	Ipswich	8	Ipswich A137	NB	Jan-16	ATC	No	0347-30062	30347	30062	426	440	0.661	Yes	Yes	368.9634	392	1.175	Yes	Yes	46.41162	41	0.753	10.83333	7	1.414
16	Calibration	Ipswich	8	Ipswich A137	SB	Jan-16	ATC	No	0062-30347	30062	30347	720	650	2.693	Yes	Yes	629.1512	560	2.857	Yes	Yes	79.14045	79	0.041	11.70833	11	0.135
17	Calibration	Ipswich	9	Ipswich A1071	EB	Jan-16	ATC	No	5641-50034	5641	50034	514	317	9.671	No	No	438.4702	291	7.726	No	No	55.15483	19	5.921	20	7	3.682
18	Calibration	Ipswich	9	Ipswich A1071	WB	Jan-16	ATC	No	50034-5641	50034	5641	599	426	7.637	No	No	520.6348	357	7.805	No	No	65.49025	50	2.005	12.375	18	1.515
19	Calibration		10	Lavenham A1141 Bury Road	NB	Jan-16	ATC	No	3709-3707	3709	3707	82	82	0.085	Yes	Yes	68.65554	69	0.055	Yes	Yes	8.636127	9	0.123	4.375	4	0.023
20	Calibration		10	Lavenham A1141 Bury Road	SB	Jan-16	ATC	No	3707-3709	3707	3709	136	137	0.138	Yes	Yes	115.8447	115	0.051	Yes	Yes	14.57201	17	0.584	5.333333	5	0.071
21	Calibration		11	Long Melford A1092 High Street	NB	Jan-16	ATC	No	2792-2793	2792	2793	111	72	4.129	Yes	Yes	95.85868	61	3.959	Yes	Yes	12.05799	2	3.612	3.083333	8	2.209
22	Calibration		11	Long Melford A1092 High Street	SB	Jan-16	ATC	No	2793-2792	2793	2792	160	63	9.168	No	Yes	138.4214	40	10.360	No	Yes	17.41192	17	0.102	3.791667	5	0.782
25	Calibration		13	Long Melford A1092 Windmill Hill	EB	Jan-16	ATC	No	2792-3314	2792	3314	389	386	0.184	Yes	Yes	334.9502	338	0.156	Yes	Yes	42.13313	42	0.003	12.04167	6	2.195
26	Calibration		13	Long Melford A1092 Windmill Hill	WB	Jan-16	ATC	No	3314-2792	3314	2792	453	464	0.518	Yes	Yes	394.6491	405	0.501	Yes	Yes	49.6426	51	0.145	8.333333	8	0.013
27	Validation		14	Brantham A137	NB	Jan-16	ATC	No	5853-3104	5853	3104	625	573	2.127	Yes	Yes	545.3952	501	1.932	Yes	Yes	68.60484	58	1.309	10.79167	13	0.742
28	Validation		14	Brantham A137	SB	Jan-16	ATC	No	3104-5853	3104	5853	757	592	6.368	No	No	663.9416	522	5.849	No	No	83.51671	62	2.494	9.5	8	0.564
29	Calibration		15	Brantham Bergholt Road	EB	Jan-16	ATC	No	3675-3104	3675	3104	249	197	3.466	Yes	Yes	217.292	171	3.313	Yes	Yes	27.33299	22	1.165	4.041667	4	0.101
30	Calibration		15	Brantham Bergholt Road	WB	Jan-16	ATC	No	3104-3675	3104	3675	166	164	0.159	Yes	Yes	143.9361	142	0.188	Yes	Yes	18.10561	18	0.015	4.083333	4	0.070
31	Calibration		16	Nayland A134 Horkesley Road	NB	Jan-16	ATC	No	5661-1305	5661	1305	511	625	4.771	Yes	No	446.4646	538	4.146	Yes	Yes	56.16043	78	2.654	8.75	9	0.002
32	Calibration		16	Nayland A134 Horkesley Road	SB	Jan-16	ATC	No	1305-5661	1305	5661	417	500	3.884	Yes	Yes	357.0828	433	3.798	Yes	Yes	44.91717	53	1.088	15	15	0.027
33	Calibration		17	Alpheton A134	NB	Jan-16	ATC	No	2793-5931	2793	5931	357	449	4.597	Yes	Yes	305.1193	390	4.540	Yes	Yes	38.38072	45	0.967	13	14	0.373
34	Calibration		17	Alpheton A134	SB	Jan-16	ATC	No	5931-2793	5931	2793	520	593	3.091	Yes	Yes	447.908	507	2.692	Yes	Yes	56.3417	73	2.067	15.625	13	0.667
35	Calibration	Sudbury	18	Sudbury A134	NB	Jan-16	ATC	No	2789-5829	2789	5829	343	353	0.514	Yes	Yes	295.8048	304	0.460	Yes	Yes	37.20906	38	0.126	10.20833	11	0.263
36	Calibration	Sudbury	18	Sudbury A134	SB	Jan-16	ATC	No	5829-2789	5829	2789	453	477	1.100	Yes	Yes	390.3188	409	0.935	Yes	Yes	49.0979	55	0.763	13.83333	13	0.131
37	Calibration	Sudbury	19	Sudbury B1064	NB	Jan-16	ATC	No	2762-2790	2762	2790	657	557	4.072	Yes	No	574.1898	494	3.448	Yes	Yes	72.22689	62	1.193	10.83333	0	4.655
38	Calibration	Sudbury	19	Sudbury B1064	SB	Jan-16	ATC	No	2790-2762	2790	2762	476	330	7.254	No	No	413.2656	269	7.824	No	No	51.98437	60	1.105	10.625	1	3.874
39	Calibration	Sudbury	20	Sudbury Waldingfield Road	EB	Jan-16	ATC	No	3536-3545	3536	3545	372	306	3.595	Yes	Yes	326.0675	261	3.772	Yes	Yes	41.01579	38	0.507	4.666667	6	0.715
40	Calibration	Sudbury	20	Sudbury Waldingfield Road	WB	Jan-16	ATC	No	3545-3536	3545	3536	315	311	0.203	Yes	Yes	274.4741	256	1.142	Yes	Yes	34.52589	49	2.228	5.625	6	0.249
41	Calibration	Sudbury	21	Sudbury A134	EB	Jan-16	ATC	No	2783-3503	2783	3503	590	689	3.914	Yes	Yes	507.4218	584	3.283	Yes	Yes	63.8282	92	3.221	18.75	13	1.559
42	Calibration	Sudbury	21	Sudbury A134	WB	Jan-16	ATC	No	3503-2783	3503	2783	490	558	2.955	Yes	Yes	425.1462	475	2.336	Yes	Yes	53.47881	68	1.823	11.625	16	1.060
43	Calibration	Sudbury	22	Sudbury B1508 Bures Road	NB	Jan-16	ATC	No	2786-2636	2786	2636	249	184	4.413	Yes	Yes	218.9575	170	3.497	Yes	Yes	27.5425	12	3.585	2.583333	2	0.193
44	Calibration	Sudbury	22	Sudbury B1508 Bures Road	SB	Jan-16	ATC	No	2636-2786	2636	2786	203	125	6.137	No	Yes	178.2083	109	5.815	No	Yes	22.41669	14	1.910	2.791667	2	0.527
45	Calibration	Sudbury	23	Sudbury A131 Ballingdon Street	EB	Jan-16	ATC	No	3540-2785	3540	2785	712	795	3.020	Yes	Yes	618.8992	700	3.167	Yes	Yes	77.85085	68	1.163	15.5	27	2.494
46	Calibration	Sudbury	23	Sudbury A131 Ballingdon Street	WB	Jan-16	ATC	No	2785-3540	2785	3540	638	784	5.480	No	No	559.1633	675	4.674	Yes	No	70.33672	88	1.976	8.75	21	3.219
47	Calibration	Sudbury	24	Sudbury A134	EB	Jan-16	ATC	No	3531-3529	3531	3529	738	727	0.406	Yes	Yes	635.6652	634	0.051	Yes	Yes	79.95983	80	0.006	22.25	13	2.339
48	Calibration	Sudbury	24	Sudbury A134	WB	Jan-16	ATC	No	3529-3531	3529	3531	784	782	0.049	Yes	Yes	685.6301	686	0.015	Yes	Yes	86.24488	86	0.051	11.875	11	0.378
49	Validation	Sudbury	25	Sudbury A134 Northern Road	NB	Jan-16	ATC	No	2780-3526	2780	3526	569	894	12.021	No	No	499.2794	802	11.882	No	No	62.80397	84	2.497	7.041667	8	0.239
50	Validation	Sudbury	25	Sudbury A134 Northern Road	SB	Jan-16	ATC	No	3526-2780	3526	2780	527	581	2.292	Yes	Yes	453.9038	487	1.540	Yes	Yes	57.09621	85	3.293	16	9	2.046
51	Validation	Sudbury	26	Sudbury B1115 Waldingfield Road	EB	Jan-16	ATC	No	2774-2773	2774	2773	440	489	2.257	Yes	Yes	388.8383	430	2.012	Yes	Yes	48.91167	47	0.346	2.25	13	3.792
52	Validation	Sudbury	26	Sudbury B1115 Waldingfield Road	WB	Jan-16	ATC	No	2773-2774	2773	2774	480	449	1.473	Yes	Yes	423.5547	414	0.458	Yes	Yes	53.27862	27	4.065	3.5	7	1.512
54	Calibration	Sudbury	27	Sudbury A131 Girling Street	SB	Jan-16	ATC	No	2731-2686	2731	2686	930	915	0.483	Yes	Yes	788.854	789	0.021	Yes	Yes	99.22934	94	0.486	41.66667	31	1.735
56	Calibration	Sudbury	28	Sudbury A131 Gainsborough Street	WB	Jan-16	ATC	No	2708-2707	2708	2707	884	858	0.851	Yes	Yes	757.5796	759	0.065	Yes	Yes	95.29536	95	0.007	30.75	4	6.449
57	Calibration	Sudbury	29	Sudbury A131	NB	Jan-16	ATC	No	2717-2718	2717	2718	881	883	0.071	Yes	Yes	759.2821	760	0.036	Yes	Yes	95.50952	96	0.085	26.33333	27	0.059
59	Calibration	Sudbury	30	Sudbury Newton Road	EB	Jan-16	ATC	No	2675-2672	2675	2672	466	466	0.028	Yes	Yes	404.2719	404	0.021	Yes	Yes	50.85306	51	0.076	11.20833	10	0.222
60	Calibration	Sudbury	30	Sudbury Newton Road	WB	Jan-16	ATC	No	2672-2675	2672	2675	378	379	0.036	Yes	Yes	330.805	331	0.023	Yes	Yes	41.6117	42	0.040	5.666667	6	0.005
61	Calibration	Sudbury	31	Sudbury Gt.Cornard	NB	Jan-16	ATC	No	2673-2676	2673	2676	387	377	0.526	Yes	Yes	340.909	346	0.289	Yes	Yes	42.88268	29	2.400	3.541667	2	0.760
62	Calibration	Sudbury	31	Sudbury Gt.Cornard	SB	Jan-16	ATC	No	2676-2673	2676	2673	671	651	0.751	Yes	Yes	587.6618	604	0.689	Yes	Yes	73.92153	47	3.448	9.125	5	1.670
63	Validation	Sudbury	32	Sudbury A131 Melford Road	NB	Jan-16	ATC	No	2756-3537	2756	3537	612	583	1.159	Yes	Yes	532.1452	520	0.524	Yes	Yes	66.93814	53	1.790	12.41667	10	0.729
64	Validation	Sudbury	32	Sudbury A131 Melford Road	SB	Jan-16	ATC	No	3537-2756	3537	2756	599	476	5.328	No	No	524.891	396	5.997	No	No	66.02564	72	0.754	8.208333	7	0.388
65	Calibration	Sudbury	33	Sudbury Friars Street	EB	Jan-16	ATC	No	2701-2700	2701	2700	257	272	0.907	Yes	Yes	222.5846	257	2.199	Yes	Yes	27.99874	12	3.669	6.791667	4	1.276
66	Calibration	Sudbury	33	Sudbury Friars Street	WB	Jan-16	ATC	No	2700-2701	2700	2701	315	322	0.403	Yes	Yes	277.8051	267	0.668	Yes	Yes	34.94489	34	0.096	2.375	21	5.475
67	Calibration		34	Mildenhall A11	EB	Jan-16	ATC	No	5790-3785	5790	3785	2049	2123	1.619	Yes	Yes	1742.888	1813	1.670	Yes	Yes	219.2366	219	0.017	86.875	91	0.405
68	Calibration		34	Mildenhall A11	WB	Jan-16	ATC	No	3785-5790	3785	5790	1265	1347	2.294	Yes	Yes	1050.929	1115	1.960	Yes	Yes	132.1956	133	0.030	81.375	99	1.899
69	Calibration		35	Mildenhall A1101 Mildenhall Road	EB	Jan-16	ATC	No	3277-3278	3277	3278	131	130	0.152	Yes	Yes	111.4403	110	0.145	Yes	Yes	14.01799	14	0.134	5.875	6	0.117
70	Calibration		35	Mildenhall A1101 Mildenhall Road	WB	Jan-16	ATC	No	3278-3277	3278	3277	179	189	0.723	Yes	Yes	155.3355	162	0.541	Yes	Yes	19.53953	20	0.099	4.125	7	1.099
71	Calibration		36	Mildenhall A11 London Road	EB	Jan-16	ATC	No	3277-5622	3277	5622	1496	1544	1.237	Yes	Yes	1272.552	1307	0.968	Yes	Yes	160.0733	148	0.971	63.375	89	2.925
72	Calibration		36	Mildenhall A11 London Road	WB	Jan-16	ATC	No	5622-3277	5622	3277	941	1137	6.074	No	No	775.9001	929	5.233	No	No	97.59988	111	1.308	67.25	97	3.272
73	Calibration		37	Mildenhall A1065	NB	Jan-16	ATC	No	3277-3276	3277	3276	513	451	2.827	Yes	Yes	440.5798	376	3.212	Yes	Yes	55.42019	73	2.251	17.125	2	4.946
74	Calibration		37	Mildenhall A1065	SB	Jan-16	ATC	No	3276-3277	3276	3277	431	269	8.645	No	No	369.1854	217	8.898	No	No	46.43955	47	0.086	15.25	5	3.129
75	Calibration		38	Mildenhall A1101	NB	Jan-16	ATC	No	3277-3810	3277	3810	657	672	0.618	Yes	Yes	571.2659	587	0.662	Yes	Yes	71.8591	72	0.018	13.375	13	0.037
76	Calibration		38	Mildenhall A1101	SB	Jan-16	ATC	No	3810-3277	3810	3277	524	522	0.066	Yes	Yes	458.6782	456	0.117	Yes	Yes	57.69678	58	0.036	7.25	8	0.264
77	Validation		39	Brandon A1065 Brandon Road	NB	Jan-16	ATC	No	3275-3959	3275	3959	526	368	7.489	No	No	448.6852	309	7.201	No	No	56.43977	58	0.242	21.25	1	5.996
78	Validation		39	Brandon A1065 Brandon Road	SB	Jan-16	ATC	No	3959-3275	3959	3275	329	176	9.585	No	No	280.1368	140	9.666	No	No	35.23819	31	0.690	13.125	5	2.724
79	Calibration		40	Lakenheath Station Road	NB	Jan-16	ATC	No	3957-5862	3957	5862	326	319	0.418	Yes	Yes	282.6165	283	0.019	Yes	Yes	35.55012	36	0.064	8.208333	0	4.052
80	Calibration		40	Lakenheath Station Road	SB	Jan-16	ATC	No	5862-3957	5862	3957	184	179	0.384	Yes	Yes	158.9626	159	0.000	Yes	Yes	19.99578	20	0.008	5.208333	0	3.227
81	Calibration	Newmarket	41	Newmarket A142 Fordham Road	NB	Jan-16	ATC	No	2501-2518	2501	2518	1007	975	1.015	Yes	Yes	849.9593	822	0.981	Yes	Yes	106.9157	106	0.062	50.375	47	0.421
82	Calibration	Newmarket	41	Newmarket A142 Fordham Road	SB	Jan-16	ATC	No	2518-2501	2518	2501	810	823	0.446	Yes	Yes	688.739	701	0.455	Yes	Yes	86.63595	87	0.026	34.625	35	0.085
83	Calibration	Newmarket	42	Newmarket A142 Fordham Road	NB	Jan-16	ATC	No	2490-2506	2490	2506	1126	1252	3.651	Yes	Yes	987.6405	1107	3.685	Yes	Yes	124.2345	125	0.026	13.75	20	1.544
84	Calibration	Newmarket	42	Newmarket A142 Fordham Road	SB	Jan-16	ATC	No	2506-2490	2506	2490	761	850	3.143	Yes	Yes	663.9786	726	2.348	Yes	Yes	83.52136	109	2.605	13.25	15	0.459
85	Calibration	Newmarket	43	Newmarket A1304 Bury Road	NB	Jan-16	ATC	No	2447-2534	2447	2534	600	791	7.225	No	No	525.1871	676	6.167	No	No	66.06288	107	4.441	9	7	0.697
86	Calibration	Newmarket	43	Newmarket A1304 Bury Road	SB	Jan-16	ATC	No	2534-2447	2534	2447	567	603	1.464	Yes	Yes	495.5783	500	0.189	Yes	Yes	62.33841	100	4.189	9.291667	3	2.669
87	Calibration	Newmarket	44	Newmarket Fred Archer Way	NB	Jan-16	ATC	No	2451-2450	2451	2450	387	385	0.059	Yes	Yes	339.0584	338	0.044	Yes	Yes	42.6499	43	0.098	4.833333	4	0.471
88	Calibration	Newmarket	44	Newmarket Fred Archer Way	SB	Jan-16	ATC	No	2450-2451	2450	2451	523	528	0.198	Yes	Yes	458.3451	463	0.196	Yes	Yes	57.65488	58	0.051	7	7	0.026
89	Calibration	Newmarket	45	Newmarket Old Station Road	EB	Jan-16	ATC	No	2446-2478	2446	2478	338	193	8.883	No	No	297.7356	177	7.847	No	No	37.45193	16	4.255	2.8125	1	1.481
90	Calibration	Newmarket	45	Newmarket Old Station Road	WB	Jan-16	ATC	No	2478-2446	2478	2446	412	254	8.645	No	No	361.7647	229	7.752	No	No	45.50611	25	3.483	4.9375	1	2.326
91	Calibration	Newmarket	46	Newmarket A1304 Barbara Stradbroke Avenue	EB	Jan-16	ATC	No	2437-2438	2437	2438	908	1209	9.268	No	No	790.8526	1070	9.163	No	No	99.48074	109	0.967	17.25	29	2.507
92	Calibration	Newmarket	46	Newmarket A1304 Barbara Stradbroke Avenue	WB	Jan-16	ATC	No	2438-2437	2438	2437	404	334	3.671	Yes	Yes	350.5134	261	5.149	No	Yes	44.09081	66	2.921	9.645833	7	0.744
93	Calibration	Newmarket	47	Newmarket Exning Road	NB	Jan-16	ATC	No	2485-2514	2485	2514	409	434	1.201	Yes	Yes	358.1932	405	2.413	Yes	Yes	45.05684	23	3.805	5.666667	5	0.140
94	Calibration	Newmarket	47	Newmarket Exning Road	SB	Jan-16	ATC	No	2514-2485	2514	2485	549	231	16.105	No	No	482.7724	223	13.849	No	No	60.72757	7	9.216	5.916667	1	2.302
95	Calibration	Newmarket	48	Newmarket Ashley Road	EB	Jan-16	ATC	No	2478-2479	2478	2479	333	101	15.738	No	No	291.8323	89	14.690	No	No	36.70936	9	5.925	4.5	4	0.486
96	Calibration	Newmarket	48	Newmarket Ashley Road	WB	Jan-16	ATC	No	2479-2478	2479	2478	156	85	6.532	No	No	136.0527	73	6.136	No	Yes	17.11396	10	1.834	3.25	1	1.458
97	Calibration		49	Moulton Kennett Road or Moulton Road	NB	Jan-16	ATC	No	3777-3311	3777	3311	98	130	3.050	Yes	Yes	83.45997	116	3.297	Yes	Yes	10.49837	10	0.071	3.666667	3	0.097
98	Calibration		49	Moulton Kennett Road or Moulton Road	SB	Jan-16	ATC	No	3311-3777	3311	3777	91	93	0.259	Yes	Yes	78.72255	81	0.285	Yes	Yes	9.902449	10	0.031	2.333333	2	0.103
99	Calibration		50	RAF Mildenhall A1101 Mildenhall Drove	NB	Jan-16	ATC	No	1304-5863	1304	5863	186	192	0.487	Yes	Yes	160.8871	168	0.553	Yes	Yes	20.23787	20	0.055	4.541667	4	0.069

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
100	Calibration		50	RAF Mildenhall A1101 Mildenhall Drove	SB	Jan-16	ATC	No	5863-1304	5863	1304	117	110	0.642	Yes	Yes	100.0779	88	1.223	Yes	Yes	12.58873	15	0.527	4.041667	7	1.307
101	Calibration		51	Debenham B1077 Aspall Road	NB	Jan-16	ATC	No	3923-5913	3923	5913	89	141	4.832	Yes	Yes	76.24281	121	4.470	Yes	Yes	9.590524	18	2.184	3.5	3	0.292
102	Calibration		51	Debenham B1077 Aspall Road	SB	Jan-16	ATC	No	5913-3923	5913	3923	107	155	4.164	Yes	Yes	93.71204	133	3.682	Yes	Yes	11.78796	18	1.633	1.916667	4	1.267
103	Calibration		52	Earl Stonham A1120	EB	Jan-16	ATC	No	2381-3203	2381	3203	162	179	1.243	Yes	Yes	117.1585	134	1.530	Yes	Yes	14.73728	21	1.382	30.5	24	1.294
104	Calibration		52	Earl Stonham A1120	WB	Jan-16	ATC	No	3203-2381	3203	2381	193	193	0.001	Yes	Yes	164.1996	164	0.008	Yes	Yes	20.65454	21	0.047	8.5	8	0.046
105	Calibration		53	Eye B1077	EB	Jan-16	ATC	No	3929-3207	3929	3207	276	245	1.911	Yes	Yes	242.3115	204	2.555	Yes	Yes	30.48018	37	1.116	3.375	4	0.428
106	Calibration		53	Eye B1077	WB	Jan-16	ATC	No	3207-3929	3207	3929	192	194	0.163	Yes	Yes	163.774	166	0.151	Yes	Yes	20.601	21	0.087	7.5	7	0.024
107	Calibration		54	Eye Yaxley Road	EB	Jan-16	ATC	No	3204-3205	3204	3205	81	81	0.019	Yes	Yes	69.35082	69	0.045	Yes	Yes	8.723586	9	0.066	3.419643	3	0.001
108	Calibration		54	Eye Yaxley Road	WB	Jan-16	ATC	No	3205-3204	3205	3204	93	99	0.677	Yes	Yes	77.43615	86	0.919	Yes	Yes	9.740634	10	0.076	5.5625	4	0.890
109	Calibration		55	Eye B1117 Hoxne Road	EB	Jan-16	ATC	No	3206-1007	3206	1007	123	123	0.006	Yes	Yes	105.5926	106	0.037	Yes	Yes	13.28241	13	0.095	3.958333	4	0.054
110	Calibration		55	Eye B1117 Hoxne Road	WB	Jan-16	ATC	No	1007-3206	1007	3206	81	109	2.805	Yes	Yes	68.69255	93	2.754	Yes	Yes	8.640783	11	0.839	4.041667	4	0.051
111	Calibration		56	Eye Cranley Green Road	NB	Jan-16	ATC	No	3926-3206	3926	3206	182	181	0.114	Yes	Yes	158.4444	157	0.133	Yes	Yes	19.9306	20	0.007	3.708333	4	0.085
112	Calibration		56	Eye Cranley Green Road	SB	Jan-16	ATC	No	3206-3926	3206	3926	203	204	0.099	Yes	Yes	174.4332	176	0.103	Yes	Yes	21.94182	22	0.017	6.125	6	0.010
113	Calibration		57	Helmingham B1077	NB	Jan-16	ATC	No	3326-3920	3326	3920	179	180	0.024	Yes	Yes	154.7803	155	0.051	Yes	Yes	19.4697	19	0.112	5.0625	5	0.080
114	Calibration		57	Helmingham B1077	SB	Jan-16	ATC	No	3920-3326	3920	3326	139	143	0.295	Yes	Yes	121.3593	125	0.332	Yes	Yes	15.26569	15	0.037	2.666667	3	0.017
115	Calibration		58	Harleston B1116 Harleston Road	NB	Jan-16	ATC	No	3244-4629	3244	4629	243	300	3.503	Yes	Yes	205.8556	253	3.132	Yes	Yes	25.89442	32	1.131	10.75	15	1.162
116	Calibration		58	Harleston B1116 Harleston Road	SB	Jan-16	ATC	No	4629-3244	4629	3244	261	290	1.745	Yes	Yes	223.806	255	2.032	Yes	Yes	28.15238	23	0.990	9.375	12	0.780
117	Calibration		59	Claydon Bramford Road	NB	Jan-16	ATC	No	0027-5002	50027	50025	415	816	16.194	No	No	358.7113	715	15.389	No	No	45.12202	88	5.302	10.66667	12	0.525
118	Calibration		59	Claydon Bramford Road	SB	Jan-16	ATC	No	0026-5002	50026	50027	401	619	9.647	No	No	343.6848	561	10.202	No	No	43.23185	46	0.441	14.08333	12	0.568
119	Calibration		60	Claydon Bramford Road	EB	Jan-16	ATC	No	0025-5001	50025	50016	885	829	1.886	Yes	Yes	753.1753	730	0.834	Yes	Yes	94.74134	82	1.327	36.75	17	3.871
120	Calibration		60	Claydon Bramford Road	WB	Jan-16	ATC	No	0017-5002	50017	50026	710	623	3.391	Yes	Yes	598.247	561	1.563	Yes	Yes	75.25303	47	3.682	36.83333	16	4.139
121	Calibration		61	Stanton Street A1088	NB	Jan-16	ATC	No	5917-3914	5917	3914	422	424	0.080	Yes	Yes	363.5042	364	0.046	Yes	Yes	45.72492	48	0.311	13.125	12	0.385
122	Calibration		61	Stanton Street A1088	SB	Jan-16	ATC	No	3914-5917	3914	5917	313	331	1.052	Yes	Yes	270.7101	285	0.857	Yes	Yes	34.05241	34	0.009	7.8	12	1.458
123	Calibration		62	Brockford Street A140 The Street	NB	Jan-16	ATC	No	3905-1302	3905	1302	700	616	3.288	Yes	Yes	586.2554	514	3.062	Yes	Yes	73.74461	61	1.527	39.91667	40	0.006
124	Calibration		62	Brockford Street A140 The Street	SB	Jan-16	ATC	No	1302-3905	1302	3905	589	556	1.356	Yes	Yes	488.176	460	1.311	Yes	Yes	61.40729	55	0.878	39	42	0.439
125	Calibration		63	Earl Stonham A140	NB	Jan-16	ATC	No	3145-3203	3145	3203	831	832	0.039	Yes	Yes	698.1769	699	0.030	Yes	Yes	87.82313	88	0.011	45.25	45	0.033
126	Calibration		63	Earl Stonham A140	SB	Jan-16	ATC	No	3203-3146	3203	3146	664	662	0.082	Yes	Yes	543.9517	542	0.077	Yes	Yes	68.42327	68	0.061	52	52	0.028
127	Calibration		64	Coddenham B1078 High Street	EB	Jan-16	ATC	No	3146-3147	3146	3147	162	247	5.970	No	Yes	141.6784	219	5.772	No	Yes	17.82162	18	0.047	2.5	10	3.051
128	Calibration		64	Coddenham B1078 High Street	WB	Jan-16	ATC	No	3147-3146	3147	3146	173	192	1.415	Yes	Yes	148.5995	157	0.664	Yes	Yes	18.69221	27	1.673	5.583333	9	1.106
129	Calibration		65	Needham Market Barking Road	EB	Jan-16	ATC	No	3138-3720	3138	3720	242	311	4.187	Yes	Yes	209.9638	286	4.851	Yes	Yes	26.41119	25	0.280	5.375	0	3.267
130	Calibration		65	Needham Market Barking Road	WB	Jan-16	ATC	No	3720-3138	3720	3138	280	317	2.167	Yes	Yes	245.8275	281	2.158	Yes	Yes	30.92246	37	0.971	3.25	0	2.494
131	Calibration		66	Needham Market Lower Street	NB	Jan-16	ATC	No	3697-3139	3697	3139	289	290	0.061	Yes	Yes	250.9351	251	0.007	Yes	Yes	31.56493	32	0.155	6.875	7	0.021
132	Calibration		66	Needham Market Lower Street	SB	Jan-16	ATC	No	3139-3697	3139	3697	270	143	8.804	No	No	235.7235	123	8.409	No	No	29.65148	16	2.978	4.375	5	0.126
133	Calibration		67	Stuston A143 Old Bury Road	EB	Jan-16	ATC	No	3935-3248	3935	3248	318	354	2.000	Yes	Yes	261.9274	283	1.261	Yes	Yes	32.94764	43	1.692	22.625	28	1.071
134	Calibration		67	Stuston A143 Old Bury Road	WB	Jan-16	ATC	No	3248-3935	3248	3935	269	290	1.238	Yes	Yes	214.8493	236	1.396	Yes	Yes	27.02573	36	1.642	27.25	18	2.001
135	Validation		68	East End A1120	EB	Jan-16	ATC	No	3903-3201	3903	3201	149	168	1.451	Yes	Yes	126.7999	137	0.905	Yes	Yes	15.95007	21	1.218	6.625	9	0.930
136	Validation		68	East End A1120	WB	Jan-16	ATC	No	3201-3903	3201	3903	192	139	4.139	Yes	Yes	164.1996	120	3.744	Yes	Yes	20.65454	16	1.018	6.875	3	1.930
137	Calibration		69	Redgrave B1113	NB	Jan-16	ATC	No	3261-5810	3261	5810	98	107	0.848	Yes	Yes	83.16388	97	1.450	Yes	Yes	10.46112	6	1.457	4.375	3	0.492
138	Calibration		69	Redgrave B1113	SB	Jan-16	ATC	No	5810-3261	5810	3261	110	40	8.171	No	Yes	94.74835	35	7.447	No	Yes	11.91832	4	2.936	3.583333	1	1.692
139	Calibration	Stowmarket	70	Stowmarket Stowmarket Road	EB	Jan-16	ATC	No	2383-3716	2383	3716	456	445	0.482	Yes	Yes	394.464	394	0.037	Yes	Yes	49.61932	52	0.270	11.41667	0	4.778
140	Calibration	Stowmarket	70	Stowmarket Stowmarket Road	WB	Jan-16	ATC	No	3716-2383	3716	2383	427	421	0.296	Yes	Yes	371.6652	374	0.100	Yes	Yes	46.75148	47	0.045	8.333333	0	4.082
141	Calibration	Stowmarket	71	Stowmarket A1120	NB	Jan-16	ATC	No	2414-2380	2414	2380	514	516	0.092	Yes	Yes	449.3514	444	0.269	Yes	Yes	56.52357	57	0.050	8.125	16	2.155
142	Calibration	Stowmarket	71	Stowmarket A1120	SB	Jan-16	ATC	No	2380-2414	2380	2414	397	395	0.068	Yes	Yes	347.9781	345	0.162	Yes	Yes	43.7719	44	0.013	4.875	6	0.659
143	Calibration	Stowmarket	72	Stowmarket B1115	EB	Jan-16	ATC	No	2379-2380	2379	2380	323	228	5.716	No	Yes	281.7283	194	5.714	No	Yes	35.43838	26	1.746	5.833333	9	1.063
144	Calibration	Stowmarket	72	Stowmarket B1115	WB	Jan-16	ATC	No	2380-2379	2380	2379	333	214	7.146	No	No	288.4643	186	6.630	No	No	36.2857	23	2.506	7.833333	5	0.940
145	Calibration	Stowmarket	73	Stowmarket Newton Road	NB	Jan-16	ATC	No	2375-2382	2375	2382	186	510	17.353	No	No	158.8515	452	16.770	No	No	19.98181	50	5.134	7.416667	8	0.095
146	Calibration	Stowmarket	73	Stowmarket Newton Road	SB	Jan-16	ATC	No	2382-2375	2382	2375	112	466	20.825	No	No	95.71063	396	19.147	No	No	12.03937	61	8.074	4.416667	10	1.989
147	Calibration	Stowmarket	74	Stowmarket B1115 Finborough Rd	EB	Jan-16	ATC	No	2350-2349	2350	2349	117	179	5.087	No	Yes	99.04163	156	5.024	No	Yes	12.45837	18	1.533	5.375	4	0.402
148	Calibration	Stowmarket	74	Stowmarket B1115 Finborough Rd	WB	Jan-16	ATC	No	2349-2350	2349	2350	156	309	10.046	No	No	136.904	257	8.562	No	No	17.22104	48	5.328	1.5	4	1.542
149	Calibration	Stowmarket	75	Stowmarket A1120	NB	Jan-16	ATC	No	2386-2391	2386	2391	783	773	0.337	Yes	Yes	675.9702	675	0.042	Yes	Yes	85.02977	78	0.809	21.5	20	0.220
150	Calibration	Stowmarket	75	Stowmarket A1120	SB	Jan-16	ATC	No	2391-2387	2391	2387	722	722	0.007	Yes	Yes	626.3384	626	0.004	Yes	Yes	78.78662	79	0.021	16.625	17	0.024
151	Calibration	Stowmarket	76	Stowmarket A1308 Needham Rd	NB	Jan-16	ATC	No	2390-2318	2390	2318	732	602	5.002	No	No	634.6437	529	4.382	Yes	No	79.83134	60	2.436	17.0875	14	0.799
152	Calibration	Stowmarket	76	Stowmarket A1308 Needham Rd	SB	Jan-16	ATC	No	2318-2390	2318	2390	861	573	10.766	No	No	746.7354	510	9.451	No	No	93.93127	49	5.275	20.8125	14	1.633
153	Calibration	Stowmarket	78	Stowmarket A1038 Bury Road	NB	Jan-16	ATC	No	2340-3494	2340	3494	543	445	4.655	Yes	No	479.3304	383	4.844	Yes	No	60.93946	53	1.023	9.25	10	0.131
154	Calibration	Stowmarket	78	Stowmarket A1038 Bury Road	SB	Jan-16	ATC	No	3494-2340	3494	2340	743	569	6.774	No	No	648.8411	497	6.343	No	No	81.61722	60	2.609	12.375	13	0.065
155	Calibration	Stowmarket	79	Stowmarket Stowupland Road	NB	Jan-16	ATC	No	5852-2377	5852	2377	164	164	0.011	Yes	Yes	144.7503	143	0.164	Yes	Yes	18.20803	18	0.047	0.875	3	1.622
156	Calibration	Stowmarket	79	Stowmarket Stowupland Road	SB	Jan-16	ATC	No	2377-5852	2377	5852	144	144	0.002	Yes	Yes	124.9864	125	0.020	Yes	Yes	15.72194	16	0.062	3.666667	4	0.026
157	Calibration	Stowmarket	80	Stowmarket B1115 Finborough Road	EB	Jan-16	ATC	No	2346-2434	2346	2434	226	227	0.045	Yes	Yes	198.0092	200	0.155	Yes	Yes	24.90743	23	0.303	3.416667	3	0.014
158	Calibration	Stowmarket	80	Stowmarket B1115 Finborough Road	WB	Jan-16	ATC	No	2434-2346	2434	2346	513	509	0.154	Yes	Yes	451.5351	449	0.100	Yes	Yes	56.79825	55	0.185	4.291667	4	0.017
159	Calibration		81	Stradbroke B1117 Laxfield Rd	EB	Jan-16	ATC	No	3210-3317	3210	3317	102	101	0.129	Yes	Yes	85.93971	86	0.009	Yes	Yes	10.81029	11	0.039	5.625	4	0.685
160	Calibration		81	Stradbroke B1117 Laxfield Rd	WB	Jan-16	ATC	No	3317-3210	3317	3210	95	91	0.384	Yes	Yes	81.38735	81	0.047	Yes	Yes	10.23765	10	0.081	3.5	0	2.143
161	Calibration		82	Beyton Thurston Rd	NB	Jan-16	ATC	No	3879-3878	3879	3878	221	221	0.020	Yes	Yes	192.9572	193	0.015	Yes	Yes	24.27194	24	0.059	3.6875	3	0.108
162	Calibration		82	Beyton Thurston Rd	SB	Jan-16	ATC	No	3878-3879	3878	3879	229	228	0.008	Yes	Yes	200.1374	199	0.056	Yes	Yes	25.17513	25	0.017	3.25	4	0.398
163	Calibration		83	Woolpit Unnamed Road	NB	Jan-16	ATC	No	3838-3837	3838	3837	306	306	0.000	Yes	Yes	267.9232	268	0.017	Yes	Yes	33.70185	34	0.053	4.833333	5	0.011
164	Calibration		83	Woolpit Unnamed Road	SB	Jan-16	ATC	No	3837-3838	3837	3838	341	341	0.031	Yes	Yes	296.4957	297	0.047	Yes	Yes	37.29597	37	0.050	6.833333	7	0.025
165	Calibration		84	Barningham B1111 Stanton Rd	NB	Jan-16	ATC	No	3263-3865	3263	3865	268	344	4.332	Yes	Yes	232.8737	295	3.815	Yes	Yes	29.293	35	1.075	6.166667	14	2.435
166	Calibration		84	Barningham B1111 Stanton Rd	SB	Jan-16	ATC	No	3865-3263	3865	3263	140	234	6.895	No	Yes	122.3586	202	6.252	No	Yes	15.39139	24	1.934	2.25	8	2.662
167	Calibration	ury St. Edmund	85	Bury St Edmunds A134 Sicklesmere Road	NB	Jan-16	ATC	No	2132-2111	2132	2111	769	754	0.535	Yes	Yes	668.0869	653	0.570	Yes	Yes	84.03813	78	0.617	17	22	1.226
168	Calibration	ury St. Edmund	85	Bury St Edmunds A134 Sicklesmere Road	SB	Jan-16	ATC	No	2111-2132	2111	2132	434	1043	22.439	No	No	369.4815	873	20.199	No	No	46.4768	147	10.207	17.58333	24	1.319
169	Calibration	ury St. Edmund	86	Bury St Edmunds A143 Horringer Road	NB	Jan-16	ATC	No	2144-2143	2144	2143	370	424	2.671	Yes	Yes	320.923	368	2.534	Yes	Yes	40.36866	47	1.045	9.083333	8	0.249
170	Calibration	ury St. Edmund	86	Bury St Edmunds A143 Horringer Road	SB	Jan-16	ATC	No	2143-2144	2143	2144	258	481	11.614	No	No	224.5462	440	11.812	No	No	28.24549	39	1.912	5.083333	2	1.686
171	Calibration	ury St. Edmund	88	Bury St Edmunds A1302 Cullum Road	NB	Jan-16	ATC	No	2112-1320	2112	1320	397	392	0.241	Yes	Yes	344.7951	349	0.201	Yes	Yes	43.37152	41	0.409	8.666667	3	2.450
172	Calibration	ury St. Edmund	88	Bury St Edmunds A1302 Cullum Road	SB	Jan-16	ATC	No	1320-2112	1320	2112	347	368	1.121	Yes	Yes	301.0481	326	1.430	Yes	Yes	37.8686	37	0.196	7.75	5	1.176
173	Validation	ury St. Edmund	91	Bury St Edmunds A1302 Newmarket Road	NB	Jan-16	ATC	No	2159-1308	2159	1308	750	601	5.707	No	No	655.4661	573	3.345	Yes	Yes	82.45058	26	7.704	11.66667	3	3.248
174	Validation	ury St. Edmund	91	Bury St Edmunds A1302 Newmarket Road	SB	Jan-16	ATC	No	1308-2159	1308	2159	554	609	2.319	Yes	Yes	484.5119	551	2.908	Yes	Yes	60.94639	54	0.907	8.083333	5	1.323
175	Calibration	ury St. Edmund	92	Bury St Edmunds Fornham Lane	NB	Jan-16	ATC	No	3849-2199	3849	2199	365	500	6.487	No	No	317.3699	450	6.753	No	No	39.92172	40	0.042	7.625	10	0.800
176	Calibration	ury St. Edmund	92	Bury St Edmunds Fornham Lane	SB	Jan-16	ATC	No	2199-3849	2199	3849	434	431	0.162	Yes	Yes	377.4389	374	0.179	Yes	Yes	47.47775	47	0.072	9.083333	10	0.200
177	Calibration	ury St. Edmund	93	Bury St Edmunds Tut Hill	NB	Jan-16	ATC	No	2198-2232	2198	2232	611	494	4.967	Yes	No	531.405	418	5.189	No	No	66.84502	43	3.162	12.25	32	4.215
178	Calibration	ury St. Edmund	93	Bury St Edmunds Tut Hill	SB	Jan-16	ATC	No	2232-2198	2232	2198	581	444	6.089	No	No	510.1976	366	6.914	No	No	64.17737	52	1.625	7	26	4.714
179	Calibration	ury St. Edmund	94	Bury St Edmunds Westley Road	EB	Jan-16	ATC	No	2180-2155	2180	2155	327	313	0.793	Yes	Yes	289.9077	285	0.269	Yes	Yes	36.46727	25	2.080	0.375	2	1.665
180	Calibration	ury St. Edmund	94	Bury St Edmunds Westley Road	WB	Jan-16	ATC	No	2155-2180	2155	2180	330	167	10.352	No	No	293.0167	148	9.741	No	No	36.85834	19	3.456	0.5	0	0.638
181	Calibration	ury St. Edmund	95	Bury St Edmunds A1101	NB	Jan-16	ATC	No	3381-2217	3381	2217	658	656	0.079	Yes	Yes	573.3755	565	0.342	Yes	Yes	72.12447	77	0.607	12.5	13	0.249
182	Calibration	ury St. Edmund	95	Bury St Edmunds A1101	SB	Jan-16	ATC	No	2217-3381	2217	3381	767	752	0.524	Yes	Yes	666.0513	653	0.522	Yes	Yes	83.78208	83	0.137	16.79167	17	0.054
183	Calibration	ury St. Edmund	96	Bury St Edmunds B1106 Thetford Road	NEB	Jan-16	ATC	No	2220-2235	2220	2235	688	587	3.979	Yes	No	602.1887	481	5.218	No	No	75.74885	76	0.011	9.645833	31	4.691
184	Calibration	ury St. Edmund	96	Bury St Edmunds B1106 Thetford Road	SWB	Jan-16	ATC	No	2235-2220	2235	2220	333	703	16.238	No	No	289.5191	620	15.514	No	No	36.41839	74	5.034	7.270833	9	0.454
185	Calibration	ury St. Edmund	97	Bury St Edmunds Mildenhall Road	NB	Jan-16	ATC	No	2230-2232	2230	2232	283	92	13.946	No	No	246.1791	77	13.333	No	No	30.96669	13	3.845	6.020833	2	1.754
186	Calibration	ury St. Edmund	97	Bury St Edmunds Mildenhall Road	SB	Jan-16	ATC	No	2232-2230	2232	2230	423	362	3.065	Yes	Yes	362.9861	327	1.912	Yes	Yes	45.65974	24	3.696	14.52083	11	0.961
187	Calibration	ury St. Edmund	98	Bury St Edmunds A134	NB	Jan-16	ATC	No	2250-3815	2250	3815	729	755	0.962	Yes	Yes	620.4536	640	0.796	Yes	Yes	78.04638	75	0.296	30.375	39	1.493
188	Calibration	ury St. Edmund	98	Bury St Edmunds A134	SB	Jan-16	ATC	No	3815-2250	3815	2250	503	508	0.199	Yes	Yes	424.591	426	0.058	Yes	Yes	53.40898	64	1.359	25.125	18	1.533
189	Validation	ury St. Edmund	99	Bury St Edmunds B1106 Barton Bottom	EB	Jan-16	ATC	No	2250-2259	2250	2259	336	272	3.684	Yes	Yes	292.3653	222	4.413	Yes	Yes	36.7764	25	2.170	7.15	26	4.572
190	Validation	ury St. Edmund	99	Bury St Edmunds B1106 Barton Bottom	WB	Jan-16	ATC	No	2259-2250	2259	2250	141	292	10.230	No	No	121.7886	240	8.789	No	No	15.3197	30	3.119	4.2875	22	4.846
191	Calibration	ury St. Edmund	100	Bury St Edmunds A134 Compiegne Way	NB	Jan-16	ATC	No	2087-2234	2087	2234	1080	1137	1.721	Yes	Yes	895.705	996	3.248	Yes	Yes	112.67	95	1.769	71.125	47	3.203
192	Calibration	ury St. Edmund	100	Bury St Edmunds A134 Compiegne Way	SB	Jan-16	ATC	No	2234-2087	2234	2087	931	1308	11.287	No	No	767.1285	1122	11.545	No	No	96.4965	135	3.597	67	51	2.068

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
201	Validation	ury St. Edmund	101	Bury St Edmunds A143	NB	Jan-16	ATC	No	5919-3852	5919	3852	923	962	1.277	Yes	Yes	790.0013	803	0.460	Yes	Yes	99.37366	126	2.517	33.125	33	0.087
202	Validation	ury St. Edmund	101	Bury St Edmunds A143	SB	Jan-16	ATC	No	3852-5919	3852	5919	474	739	10.739	No	No	394.501	631	10.443	No	No	49.62398	80	3.758	30.25	28	0.409
203	Calibration	ury St. Edmund	102	Bury St Edmunds Mount Road	EB	Jan-16	ATC	No	2282-2284	2282	2284	489	235	13.355	No	No	426.9597	203	12.636	No	No	53.70694	31	3.449	8.5	1	3.397
204	Calibration	ury St. Edmund	102	Bury St Edmunds Mount Road	WB	Jan-16	ATC	No	2284-2282	2284	2282	281	247	2.109	Yes	Yes	244.7542	198	3.137	Yes	Yes	30.78745	47	2.584	5.25	2	1.987
205	Calibration	ury St. Edmund	103	Horninger Poulters Lane	NEB	Jan-16	ATC	No	5638-1011	5638	1011	328	265	3.661	Yes	Yes	281.7838	229	3.313	Yes	Yes	35.44537	30	0.883	10.4375	5	1.774
206	Calibration	ury St. Edmund	103	Horninger Poulters Lane	SWB	Jan-16	ATC	No	1011-5638	1011	5638	375	272	5.753	No	No	326.3081	244	4.899	Yes	Yes	41.04605	26	2.537	8.0625	2	2.710
207	Calibration	ury St. Edmund	104	Bury St Edmunds Unnamed Road	NB	Jan-16	ATC	No	2287-2284	2287	2284	307	303	0.261	Yes	Yes	268.4561	268	0.024	Yes	Yes	33.76889	29	0.907	4.8375	6	0.388
208	Calibration	ury St. Edmund	104	Bury St Edmunds Unnamed Road	SB	Jan-16	ATC	No	2284-2287	2284	2287	193	195	0.193	Yes	Yes	166.5683	165	0.136	Yes	Yes	20.9525	25	0.886	5.125	5	0.079
209	Calibration	ury St. Edmund	105	Bury St Edmunds Hardwick Lane	EB	Jan-16	ATC	No	1319-2137	1319	2137	567	565	0.079	Yes	Yes	500.0936	499	0.045	Yes	Yes	62.90639	62	0.119	4.166667	4	0.027
210	Calibration	ury St. Edmund	105	Bury St Edmunds Hardwick Lane	WB	Jan-16	ATC	No	2137-1319	2137	1319	322	322	0.006	Yes	Yes	279.2856	279	0.002	Yes	Yes	35.13111	35	0.024	7.333333	7	0.025
211	Calibration	ury St. Edmund	106	Bury St Edmunds Hospital Road	EB	Jan-16	ATC	No	2177-2178	2177	2178	377	373	0.192	Yes	Yes	330.3978	328	0.130	Yes	Yes	41.56049	40	0.216	4.791667	5	0.012
212	Calibration	ury St. Edmund	106	Bury St Edmunds Hospital Road	WB	Jan-16	ATC	No	2178-2177	2178	2177	287	286	0.069	Yes	Yes	251.5643	251	0.006	Yes	Yes	31.64407	32	0.047	4.041667	3	0.728
213	Validation	ury St. Edmund	107	Bury St Edmunds Flemyng Road	NB	Jan-16	ATC	No	2150-2151	2150	2151	177	108	5.842	No	Yes	152.9051	100	4.734	Yes	Yes	19.23381	7	3.337	5.083333	1	2.585
214	Validation	ury St. Edmund	107	Bury St Edmunds Flemyng Road	SB	Jan-16	ATC	No	2151-2150	2151	2150	310	229	4.951	Yes	Yes	272.6976	218	3.514	Yes	Yes	34.30242	10	5.069	3.333333	1	1.593
215	Calibration	ury St. Edmund	108	Bury St Edmunds A1302 Tayfen Road	EB	Jan-16	ATC	No	2076-2078	2076	2078	563	563	0.017	Yes	Yes	494.4309	494	0.005	Yes	Yes	62.19408	63	0.044	6.041667	6	0.064
216	Calibration	ury St. Edmund	108	Bury St Edmunds A1302 Tayfen Road	WB	Jan-16	ATC	No	2078-2076	2078	2076	541	678	5.561	No	No	475.1111	616	6.019	No	No	59.76386	60	0.028	6.25	3	1.394
217	Calibration	ury St. Edmund	109	Bury St Edmunds Mustow Street	EB	Jan-16	ATC	No	2311-3399	2311	3399	449	476	1.255	Yes	Yes	394.1679	411	0.815	Yes	Yes	49.58208	59	1.255	5.541667	7	0.559
218	Calibration	ury St. Edmund	109	Bury St Edmunds Mustow Street	WB	Jan-16	ATC	No	3399-2311	3399	2311	505	508	0.150	Yes	Yes	443.4297	446	0.106	Yes	Yes	55.77868	57	0.155	5.708333	6	0.013
221	Calibration	ury St. Edmund	111	Bury St Edmunds Hollow Road	NB	Jan-16	ATC	No	1358-3427	1358	3427	583	108	25.558	No	No	508.3101	89	24.256	No	No	63.93993	14	8.046	11.16667	5	2.054
222	Calibration	ury St. Edmund	111	Bury St Edmunds Hollow Road	SB	Jan-16	ATC	No	3427-1358	3427	1358	177	121	4.593	Yes	Yes	150.339	104	4.099	Yes	Yes	18.91102	15	1.074	7.416667	2	2.476
223	Calibration	ury St. Edmund	112	Bury St Edmunds Ortewell Road	NB	Jan-16	ATC	No	2297-2271	2297	2271	674	713	1.476	Yes	Yes	591.3999	624	1.338	Yes	Yes	74.39174	80	0.618	8.666667	9	0.148
224	Calibration	ury St. Edmund	112	Bury St Edmunds Ortewell Road	SB	Jan-16	ATC	No	2271-2297	2271	2297	542	577	1.466	Yes	Yes	474.815	504	1.298	Yes	Yes	59.72662	66	0.760	7.416667	7	0.025
225	Calibration		113	Clare A1092 Cavendish Road	EB	Jan-16	ATC	No	3308-3731	3308	3731	304	307	0.130	Yes	Yes	262.4455	265	0.173	Yes	Yes	33.01282	33	0.003	8.958333	8	0.190
226	Calibration		113	Clare A1092 Cavendish Road	WB	Jan-16	ATC	No	3731-3308	3731	3308	192	193	0.131	Yes	Yes	165.2544	167	0.169	Yes	Yes	20.78723	21	0.090	5.541667	5	0.342
231	Validation		116	Thetford A1088	NB	Jan-16	ATC	No	5921-3265	5921	3265	326	241	5.031	No	Yes	276.9909	205	4.653	Yes	Yes	34.84247	28	1.302	14.41667	9	1.538
232	Validation		116	Thetford A1088	SB	Jan-16	ATC	No	3265-5921	3265	5921	274	222	3.312	Yes	Yes	234.6872	199	2.393	Yes	Yes	29.52112	19	2.247	10.04167	4	2.217
235	Calibration		118	Great Bradley B1061	NB	Jan-16	ATC	No	3743-2481	3743	2481	109	101	0.825	Yes	Yes	94.37823	84	1.084	Yes	Yes	11.87177	11	0.398	2.75	6	1.506
236	Calibration		118	Great Bradley B1061	SB	Jan-16	ATC	No	2481-3743	2481	3743	250	218	2.092	Yes	Yes	219.9568	188	2.248	Yes	Yes	27.6682	22	1.066	2.625	8	2.347
237	Calibration		119	Kedington B1061 Haverhill Road	NB	Jan-16	ATC	No	3740-2625	3740	2625	172	171	0.015	Yes	Yes	149.1916	149	0.009	Yes	Yes	18.7667	19	0.006	3.541667	3	0.034
238	Calibration		119	Kedington B1061 Haverhill Road	SB	Jan-16	ATC	No	2625-3740	2625	3740	286	288	0.066	Yes	Yes	250.565	251	0.038	Yes	Yes	31.51837	32	0.089	4.333333	4	0.009
239	Calibration	Haverhill	120	Haverhill A143 Haverhill Rd	EB	Jan-16	ATC	No	2584-2625	2584	2625	481	410	3.340	Yes	Yes	421.1305	362	2.987	Yes	Yes	52.97368	40	1.945	6.604167	8	0.681
240	Calibration	Haverhill	120	Haverhill A143 Haverhill Rd	WB	Jan-16	ATC	No	2625-2584	2625	2584	424	381	2.107	Yes	Yes	369.0004	331	2.030	Yes	Yes	46.41628	47	0.047	8.25	4	1.900
241	Calibration	Haverhill	121	Haverhill A143 Ehringshausen Way	NB	Jan-16	ATC	No	2573-2572	2573	2572	517	513	0.152	Yes	Yes	446.187	450	0.162	Yes	Yes	56.12552	49	0.917	14.4375	14	0.052
242	Calibration	Haverhill	121	Haverhill A143 Ehringshausen Way	SB	Jan-16	ATC	No	2572-2573	2572	2573	408	406	0.116	Yes	Yes	355.8059	355	0.054	Yes	Yes	44.75656	45	0.001	7.854167	7	0.492
243	Validation	Haverhill	122	Haverhill A1017	EB	Jan-16	ATC	No	2541-2540	2541	2540	423	342	4.173	Yes	Yes	368.8523	278	5.065	No	Yes	46.39765	47	0.028	8	17	2.609
244	Validation	Haverhill	122	Haverhill A1017	WB	Jan-16	ATC	No	2540-2541	2540	2541	155	257	7.158	No	No	133.4989	172	3.134	Yes	Yes	16.79273	66	7.646	4.375	19	4.314
245	Calibration	Haverhill	123	Haverhill A1017	NB	Jan-16	ATC	No	2556-2612	2556	2612	229	321	5.605	No	Yes	190.0889	215	1.735	Yes	Yes	23.91113	82	7.974	14.5	25	2.312
246	Calibration	Haverhill	123	Haverhill A1017	SB	Jan-16	ATC	No	2612-2556	2612	2556	453	509	2.560	Yes	Yes	389.8376	427	1.859	Yes	Yes	49.03738	64	2.015	14.25	18	0.856
247	Calibration	Haverhill	124	Haverhill Queens Street	NB	Jan-16	ATC	No	2603-2628	2603	2628	111	61	5.435	No	Yes	98.00532	52	5.301	No	Yes	12.32801	6	1.968	0.875	2	1.194
248	Calibration	Haverhill	124	Haverhill Queens Street	SB	Jan-16	ATC	No	2628-2603	2628	2603	246	93	11.748	No	No	215.6265	82	10.940	No	No	27.12349	8	4.710	2.916667	3	0.143
249	Calibration	Haverhill	125	Haverhill A1307 Withersfield	EB	Jan-16	ATC	No	2592-2591	2592	2591	687	661	0.975	Yes	Yes	597.1181	596	0.065	Yes	Yes	75.11103	55	2.469	14.4375	11	1.066
250	Calibration	Haverhill	125	Haverhill A1307 Withersfield	WB	Jan-16	ATC	No	2591-2592	2591	2592	582	568	0.597	Yes	Yes	509.3279	509	0.013	Yes	Yes	64.06796	50	1.850	8.4375	8	0.017
251	Calibration	Haverhill	126	Haverhill A1307	EB	Jan-16	ATC	No	2611-2605	2611	2605	697	661	1.408	Yes	Yes	607.8513	596	0.494	Yes	Yes	76.46115	55	2.658	12.9375	10	0.891
252	Calibration	Haverhill	126	Haverhill A1307	WB	Jan-16	ATC	No	2605-2611	2605	2611	372	348	1.247	Yes	Yes	324.4206	296	1.632	Yes	Yes	40.80861	48	1.117	6.770833	4	1.005
253	Calibration	Haverhill	127	Haverhill A143 Rowley Hill	EB	Jan-16	ATC	No	3621-2540	3621	2540	293	293	0.013	Yes	Yes	255.0063	255	0.002	Yes	Yes	32.07704	32	0.005	6.25	6	0.066
254	Calibration	Haverhill	127	Haverhill A143 Rowley Hill	WB	Jan-16	ATC	No	2540-3621	2540	3621	178	183	0.393	Yes	Yes	151.8934	152	0.027	Yes	Yes	19.10656	19	0.004	6.666667	12	1.640
255	Validation	Haverhill	128	Haverhill A1307	EB	Jan-16	ATC	No	2630-2612	2630	2612	1142	1276	3.861	Yes	Yes	998.9659	1124	3.829	Yes	Yes	125.6591	124	0.122	17.125	28	2.283
256	Validation	Haverhill	128	Haverhill A1307	WB	Jan-16	ATC	No	2612-2630	2612	2630	541	670	5.234	No	No	463.4526	509	2.049	Yes	Yes	58.29735	132	7.536	19.25	29	2.055
257	Calibration	Haverhill	129	Wixoe A1092	NB	Jan-16	ATC	No	3307-3308	3307	3308	347	346	0.025	Yes	Yes	302.1029	302	0.027	Yes	Yes	38.00129	38	0.008	6.645833	7	0.014
258	Calibration	Haverhill	129	Wixoe A1092	SB	Jan-16	ATC	No	3308-3307	3308	3307	144	147	0.265	Yes	Yes	124.6903	127	0.231	Yes	Yes	15.6847	16	0.129	3.375	3	0.051
259	Calibration	Haverhill	130	Haverhill Bumpstead Road	NB	Jan-16	ATC	No	2543-2544	2543	2544	473	614	6.083	No	No	411.5076	574	7.335	No	No	51.76323	34	2.767	9.229167	6	1.065
260	Calibration	Haverhill	130	Haverhill Bumpstead Road	SB	Jan-16	ATC	No	2544-2543	2544	2543	295	387	5.004	No	Yes	255.1913	355	5.727	No	No	32.10032	28	0.678	7.291667	3	1.714
261	Calibration	Haverhill	131	Haverhill Burton End	EB	Jan-16	ATC	No	2558-2559	2558	2559	213	223	0.639	Yes	Yes	186.2397	196	0.718	Yes	Yes	23.42695	23	0.082	3.583333	3	0.056
262	Calibration	Haverhill	131	Haverhill Burton End	WB	Jan-16	ATC	No	2559-2558	2559	2558	290	290	0.003	Yes	Yes	252.3045	252	0.015	Yes	Yes	31.73719	32	0.047	5.583333	6	0.030
263	Calibration		132	Hundon Folly Road	NB	Jan-16	ATC	No	3733-3735	3733	3735	103	104	0.115	Yes	Yes	90.75115	91	0.030	Yes	Yes	11.41552	11	0.118	0.833333	2	1.052
264	Calibration		132	Hundon Folly Road	SB	Jan-16	ATC	No	3735-3733	3735	3733	44	48	0.697	Yes	Yes	38.01037	42	0.566	Yes	Yes	4.781295	5	0.099	0.875	2	0.812
265	Calibration		133	Ixworth A143	NB	Jan-16	ATC	No	3325-3264	3325	3264	1097	1099	0.054	Yes	Yes	938.2307	938	0.009	Yes	Yes	118.0193	120	0.193	40.625	41	0.005
266	Calibration		133	Ixworth A143	SB	Jan-16	ATC	No	3264-3325	3264	3325	717	732	0.568	Yes	Yes	606.7965	622	0.595	Yes	Yes	76.32847	76	0.047	34	35	0.164
267	Calibration		134	Wickhambrook B1063	NB	Jan-16	ATC	No	3774-5938	3774	5938	109	92	1.699	Yes	Yes	95.24799	78	1.808	Yes	Yes	11.98117	11	0.223	2.104167	3	0.358
268	Calibration		134	Wickhambrook B1063	SB	Jan-16	ATC	No	5938-3774	5938	3774	65	122	5.859	No	Yes	56.92303	108	5.586	No	Yes	7.160304	10	0.830	0.916667	4	2.153
269	Validation		135	Stanton A143 Bury Rd	EB	Jan-16	ATC	No	3875-3867	3875	3867	528	409	5.525	No	No	443.9108	339	5.310	No	No	55.8392	49	0.939	28.66667	21	1.558
270	Validation		135	Stanton A143 Bury Rd	WB	Jan-16	ATC	No	3867-3875	3867	3875	320	254	3.908	Yes	Yes	259.4846	205	3.590	Yes	Yes	32.64037	31	0.350	27.75	18	1.984
271	Calibration	SEGWay	136	Aldeburgh Aldeburgh Road	EB	Jan-16	ATC	No	3190-3189	3190	3189	198	198	0.010	Yes	Yes	173.6189	174	0.009	Yes	Yes	21.83939	22	0.030	2.875	2	0.242
272	Calibration	SEGWay	136	Aldeburgh Aldeburgh Road	WB	Jan-16	ATC	No	3189-3190	3189	3190	147	146	0.070	Yes	Yes	127.8733	128	0.019	Yes	Yes	16.08508	16	0.029	2.541667	2	0.658
273	Calibration		137	Blythburgh A12 Station Rd	NB	Jan-16	ATC	No	3224-3328	3224	3328	517	516	0.022	Yes	Yes	444.725	444	0.026	Yes	Yes	55.94162	56	0.004	16.125	16	0.005
274	Calibration		137	Blythburgh A12 Station Rd	SB	Jan-16	ATC	No	3328-3224	3328	3224	400	401	0.049	Yes	Yes	344.314	346	0.095	Yes	Yes	43.31099	43	0.096	12.5	12	0.043
275	Calibration	SEGWay	138	Earl Soham A1120 Mill Hill	EB	Jan-16	ATC	No	3200-5845	3200	5845	182	217	2.537	Yes	Yes	156.3718	184	2.137	Yes	Yes	19.66989	25	1.162	5.458333	8	0.943
276	Calibration	SEGWay	138	Earl Soham A1120 Mill Hill	WB	Jan-16	ATC	No	5845-3200	5845	3200	176	164	0.966	Yes	Yes	151.9675	144	0.644	Yes	Yes	19.11587	19	0.008	5.166667	0	2.816
277	Calibration	Felixstowe	139	Felixstowe A154 Candlet Road	NB	Jan-16	ATC	No	2914-2913	2914	2913	918	1021	3.300	Yes	Yes	812.8742	865	1.794	Yes	Yes	102.2508	95	0.743	2.875	61	10.291
278	Calibration	Felixstowe	139	Felixstowe A154 Candlet Road	SB	Jan-16	ATC	No	2913-2914	2913	2914	603	656	2.089	Yes	Yes	535.0691	584	2.067	Yes	Yes	67.30593	57	1.257	1	14	4.838
279	Calibration	Felixstowe	140	Felixstowe A154 Walton Avenue	EB	Jan-16	ATC	No	3551-5859	3551	5859	395	413	0.913	Yes	Yes	345.6834	347	0.045	Yes	Yes	43.48325	43	0.070	5.958333	24	4.651
280	Calibration	Felixstowe	140	Felixstowe A154 Walton Avenue	WB	Jan-16	ATC	No	5859-3551	5859	3551	392	447	2.675	Yes	Yes	344.9062	347	0.087	Yes	Yes	43.38548	43	0.089	3.833333	58	9.700
281	Calibration	Felixstowe	141	Felixstowe A1021 Beatrice Ave	NB	Jan-16	ATC	No	2911-2912	2911	2912	312	426	5.939	No	No	273.8819	393	6.537	No	No	34.4514	32	0.386	3.166667	0	2.517
282	Calibration	Felixstowe	141	Felixstowe A1021 Beatrice Ave	SB	Jan-16	ATC	No	2912-2911	2912	2911	415	518	4.784	Yes	No	365.1883	446	4.018	Yes	Yes	45.93675	72	3.362	3.416667	0	2.614
283	Calibration	Felixstowe	142	Felixstowe A154 Garrison Lane	NB	Jan-16	ATC	No	2921-2919	2921	2919	527	516	0.468	Yes	Yes	460.9359	462	0.031	Yes	Yes	57.98077	45	1.808	7.833333	9	0.551
284	Calibration	Felixstowe	142	Felixstowe A154 Garrison Lane	SB	Jan-16	ATC	No	2919-2921	2919	2921	397	379	0.868	Yes	Yes	347.9781	350	0.130	Yes	Yes	43.7719	24	3.357	4.75	5	0.023
285	Validation	Felixstowe	143	Felixstowe A154 Trinity Avenue	NB	Jan-16	ATC	No	2899-2892	2899	2892	467	572	4.579	Yes	No	341.2421	402	3.170	Yes	Yes	42.92458	23	3.529	83.08333	147	5.921
286	Validation	Felixstowe	143	Felixstowe A154 Trinity Avenue	SB	Jan-16	ATC	No	2892-2899	2892	2899	424	323	5.236	No	No	317.0739	188	8.156	No	No	39.88448	24	2.801	67.04167	111	4.682
287	Calibration	Felixstowe	144	Felixstowe A154 Walton Avenue	EB	Jan-16	ATC	No	2899-2870	2899	2870	349	230	7.024	No	No	280.766	190	5.914	No	Yes	35.31734	13	4.634	32.91667	27	1.104
288	Calibration	Felixstowe	144	Felixstowe A154 Walton Avenue	WB	Jan-16	ATC	No	2870-2899	2870	2899	317	181	8.624	No	No	251.2312	141	7.881	No	No	31.60217	32	0.033	34.54167	9	5.601
289	Calibration	Felixstowe	145	Felixstowe Langer Road	NB	Jan-16	ATC	No	2863-2865	2863	2865	272	298	1.532	Yes	Yes	238.6104	240	0.095	Yes	Yes	30.01462	30	0.006	3.333333	28	6.182
290	Calibration	Felixstowe	145	Felixstowe Langer Road	SB	Jan-16	ATC	No	2865-2863	2865	2863	152	159	0.580	Yes	Yes	132.2406	132	0.007	Yes	Yes	16.63444	17	0.092	2.833333	10	2.762
291	Calibration	Felixstowe	146	Felixstowe Maidstone Road	NB	Jan-16	ATC	No	2906-2907	2906	2907	259	260	0.035	Yes	Yes	228.0992	227	0.056	Yes	Yes	28.69243	30	0.265	2.666667	3	0.020
292	Calibration	Felixstowe	146	Felixstowe Maidstone Road	SB	Jan-16	ATC	No	2907-2906	2907	2906	213	204	0.672	Yes	Yes	187.3871	186	0.077	Yes	Yes	23.57127	15	1.921	2.375	2	0.130
293	Calibration	Felixstowe	147	Felixstowe High Street	EB	Jan-16	ATC	No	2938-2909	2938	2909	377	368	0.429	Yes	Yes	328.8804	329	0.017	Yes	Yes	41.36961	34	1.218	6.5	5	0.458
294	Calibration	Felixstowe	147	Felixstowe High Street	WB	Jan-16	ATC	No	2909-2938	2909	2938	451	445	0.319	Yes	Yes	393.0576	393	0.026	Yes	Yes	49.44241	49	0.026	8.75	3	2.526
295	Calibration	Felixstowe	148	Felixstowe High Road	NB	Jan-16	ATC	No	2939-3566	2939	3566	283	118	11.590	No	No	243.4588	76	13.285	No	No	30.6245	41	1.806	8.541667	1	3.219
296	Calibration	Felixstowe	148	Felixstowe High Road	SB	Jan-16	ATC	No	3566-2939	3566	2939	499	339	7.812	No	No	434.658	305	6.763	No	No	54.6753	32	3.444	9.375	2	2.985
297	Calibration	SEGWay	149	Framlingham B1120	NB	Jan-16	ATC	No	3196-3214	3196	3214	81	78	0.277	Yes	Yes	70.13598	70	0.032	Yes	Yes	8.822351	6	1.025	1.791667	2	0.406
298	Calibration	SEGWay	149	Framlingham B1120	SB	Jan-16	ATC	No	3214-3196	3214	3196	47	62	2.017	Yes	Yes	39.4538	51	1.756	Yes	Yes	4.962864	5	0.048	2.25	5	1.509
299	Calibration	SEGWay	150	Framlingham B1116 Dennington Rd	NB	Jan-16	ATC	No	3198-3213	3198	3213	148	118	2.627	Yes	Yes	127.2441	97	2.809	Yes	Yes	16.00593	18	0.479	5.083333	3	1.288
300	Calibration	SEGWay	150	Framlingham B1116 Dennington Rd	SB	Jan-16	ATC	No	3213-3198	3213	3198	81	104	2.439	Yes	Yes	69.69185	92	2.444	Yes	Yes	8.766484	12	1.072	2.208333	0	1.791
301	Calibration	SEGWay	151	Framlingham B1119 Saxtead Rd	EB	Jan-16	ATC	No	3199-5976	3199	5976	139	92	4.375	Yes	Yes	121.3963	78	4.326	Yes	Yes	15.27035	12	1.004	2.583333	2	0.105

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
302	Calibration	SEGWay	151	Framlingham B1119 Saxtead Rd	WB	Jan-16	ATC	No	5976-3199	5976	3199	198	100	8.047	No	Yes	172.9527	86	7.660	No	Yes	21.75559	14	1.937	3.416667	0	2.114
303	Calibration	SEGWay	152	Framlingham Saxmundham Rd	EB	Jan-16	ATC	No	5978-7315	5978	7315	104	176	6.021	No	Yes	92.00953	157	5.846	No	Yes	11.57381	15	0.968	0.75	3	1.731
304	Calibration	SEGWay	152	Framlingham Saxmundham Rd	WB	Jan-16	ATC	No	7315-5978	7315	5978	82	142	5.677	No	Yes	71.39436	129	5.728	No	Yes	8.980641	12	0.944	1.458333	1	0.276
305	Calibration	SEGWay	153	Framlingham Woodbridge Rd	NB	Jan-16	ATC	No	5438-5431	5438	5431	277	225	3.327	Yes	Yes	243.2738	194	3.339	Yes	Yes	30.60122	28	0.488	3.5	3	0.397
306	Calibration	SEGWay	153	Framlingham Woodbridge Rd	SB	Jan-16	ATC	No	5431-5438	5431	5438	212	272	3.847	Yes	Yes	186.3507	238	3.541	Yes	Yes	23.44092	29	1.119	2.333333	5	1.338
307	Calibration	Waveney	154	Halesworth B1123 Chediston St	EB	Jan-16	ATC	No	3981-4521	3981	4521	63	65	0.196	Yes	Yes	54.62834	55	0.053	Yes	Yes	6.871657	7	0.049	1.625	3	0.715
308	Calibration	Waveney	154	Halesworth B1123 Chediston St	WB	Jan-16	ATC	No	4521-3981	4521	3981	88	84	0.358	Yes	Yes	76.27982	72	0.503	Yes	Yes	9.59518	10	0.129	1.75	2	0.420
309	Validation	Ipswich	155	Kesgrave A12	NB	Jan-16	ATC	No	0105-30100	30105	30107	1889	1873	0.366	Yes	Yes	1656.949	1646	0.262	Yes	Yes	208.4263	192	1.149	23.75	35	2.039
310	Calibration	Ipswich	155	Kesgrave A12	SB	Jan-16	ATC	No	0107-30100	30107	30106	1720	1573	3.617	Yes	Yes	1499.948	1339	4.274	Yes	Yes	188.6773	190	0.064	31.375	45	2.168
311	Calibration	Ipswich	156	Ipswich A1156	EB	Jan-16	ATC	No	0259-30100	30259	30100	526	539	0.556	Yes	Yes	453.9038	478	1.107	Yes	Yes	57.09621	58	0.155	15	3	4.111
312	Calibration	Ipswich	156	Ipswich A1156	WB	Jan-16	ATC	No	0100-30259	30100	30259	746	713	1.232	Yes	Yes	651.0988	635	0.634	Yes	Yes	81.90122	68	1.553	13.125	9	1.117
313	Validation	Ipswich	157	Kesgrave A1214 Main Rd	EB	Jan-16	ATC	No	0307-30577	30307	30577	752	687	2.415	Yes	Yes	657.3166	608	1.973	Yes	Yes	82.68336	68	1.733	12	12	0.035
314	Validation	Ipswich	157	Kesgrave A1214 Main Rd	WB	Jan-16	ATC	No	0577-30307	30577	30307	1192	997	5.917	No	No	1034.608	935	3.161	Yes	Yes	130.1425	49	8.545	27.5	12	3.516
315	Calibration	Ipswich	158	Kesgrave A12	NB	Jan-16	ATC	No	0111-30112	30111	30112	1876	1835	0.955	Yes	Yes	1641.959	1611	0.757	Yes	Yes	206.5408	196	0.727	27.75	27	0.058
316	Calibration	Ipswich	158	Kesgrave A12	SB	Jan-16	ATC	No	0112-30111	30112	30111	1683	1681	0.034	Yes	Yes	1459.532	1458	0.038	Yes	Yes	183.5934	184	0.012	39.625	39	0.021
317	Calibration	SEGWay	159	Leiston B1122 Abbey Rd	NB	Jan-16	ATC	No	7331-7335	7331	7335	301	356	3.051	Yes	Yes	263.2894	309	2.716	Yes	Yes	33.11897	38	0.804	4.175	9	1.788
318	Calibration	SEGWay	159	Leiston B1122 Abbey Rd	SB	Jan-16	ATC	No	7335-7331	7335	7331	176	259	5.607	No	Yes	154.0586	225	5.160	No	Yes	19.37891	27	1.660	2.9375	7	1.676
319	Calibration	SEGWay	160	Leiston B1119 Saxmundham Rd	EB	Jan-16	ATC	No	5519-5514	5519	5514	139	137	0.135	Yes	Yes	118.8796	121	0.163	Yes	Yes	14.95377	15	0.061	4.875	2	1.724
320	Calibration	SEGWay	160	Leiston B1119 Saxmundham Rd	WB	Jan-16	ATC	No	5514-5519	5514	5519	138	172	2.731	Yes	Yes	121.1866	157	3.011	Yes	Yes	15.24397	15	0.128	1.291667	0	1.170
321	Calibration	SEGWay	161	Leiston Aldeburgh Road	NB	Jan-16	ATC	No	3185-5521	3185	5521	196	186	0.691	Yes	Yes	169.3257	167	0.213	Yes	Yes	21.29934	14	1.651	5.25	5	0.076
322	Calibration	SEGWay	161	Leiston Aldeburgh Road	SB	Jan-16	ATC	No	5521-3185	5521	3185	190	122	5.461	No	Yes	166.0687	111	4.668	Yes	Yes	20.88965	9	3.229	2.666667	2	0.517
323	Calibration	SEGWay	162	Leiston B1069 Leiston Rd	NB	Jan-16	ATC	No	3186-5952	3186	5952	187	165	1.648	Yes	Yes	162.7007	137	2.121	Yes	Yes	20.46599	24	0.670	3.583333	5	0.472
324	Calibration	SEGWay	162	Leiston B1069 Leiston Rd	SB	Jan-16	ATC	No	5952-3186	5952	3186	222	193	2.005	Yes	Yes	195.3444	169	1.983	Yes	Yes	24.57223	24	0.114	2.208333	1	1.329
325	Calibration	SEGWay	163	Saxmundham B1121 Main Rd	NB	Jan-16	ATC	No	5974-3327	5974	3327	107	56	5.621	No	Yes	93.52698	52	4.820	Yes	Yes	11.76469	4	2.937	1.375	0	1.658
326	Calibration	SEGWay	163	Saxmundham B1121 Main Rd	SB	Jan-16	ATC	No	3327-5974	3327	5974	79	50	3.636	Yes	Yes	67.61923	45	3.076	Yes	Yes	8.505771	4	1.936	2.541667	1	0.933
327	Calibration	SEGWay	164	Saxmundham A12	NB	Jan-16	ATC	No	3194-5543	3194	5543	445	423	1.032	Yes	Yes	385.3963	357	1.457	Yes	Yes	48.4787	56	1.089	11	10	0.405
328	Calibration	SEGWay	164	Saxmundham A12	SB	Jan-16	ATC	No	5543-3194	5543	3194	375	349	1.386	Yes	Yes	321.7743	292	1.676	Yes	Yes	40.47574	45	0.670	13	12	0.395
329	Calibration	SEGWay	165	Saxmundham B1119 Rendham Rd	EB	Jan-16	ATC	No	7329-3194	7329	3194	90	174	7.353	No	No	78.24141	156	7.204	No	Yes	9.841926	16	1.735	1.708333	2	0.171
330	Calibration	SEGWay	165	Saxmundham B1119 Rendham Rd	WB	Jan-16	ATC	No	3194-7329	3194	7329	85	175	7.837	No	No	74.57731	159	7.823	No	Yes	9.381023	16	1.735	1.333333	0	1.633
331	Calibration	SEGWay	166	Saxmundham B1121 South Entrance	NB	Jan-16	ATC	No	3181-3182	3181	3182	240	208	2.112	Yes	Yes	210.8891	181	2.157	Yes	Yes	26.52758	21	1.088	2.708333	7	1.796
332	Calibration	SEGWay	166	Saxmundham B1121 South Entrance	SB	Jan-16	ATC	No	3182-3181	3182	3181	214	180	2.391	Yes	Yes	187.313	162	1.895	Yes	Yes	23.56196	16	1.634	3.041667	2	0.785
333	Calibration	SEGWay	167	Friston B1121 Saxmundham Rd	NB	Jan-16	ATC	No	5501-7350	5501	7350	48	51	0.300	Yes	Yes	41.87433	48	0.869	Yes	Yes	5.267339	3	1.206	1.275	0	1.597
334	Calibration	SEGWay	167	Friston B1121 Saxmundham Rd	SB	Jan-16	ATC	No	7350-5501	7350	5501	47	38	1.362	Yes	Yes	40.90464	35	0.926	Yes	Yes	5.145363	2	1.475	0.45	0	0.494
335	Validation	SEGWay	168	Snape B1069 Bridge Rd	NB	Jan-16	ATC	No	7346-7363	7346	7363	220	212	0.570	Yes	Yes	191.8654	179	0.945	Yes	Yes	24.1346	26	0.453	4.083333	6	0.971
336	Validation	SEGWay	168	Snape B1069 Bridge Rd	SB	Jan-16	ATC	No	7363-7346	7363	7346	175	129	3.731	Yes	Yes	151.7084	112	3.470	Yes	Yes	19.08328	17	0.433	4.333333	0	2.944
337	Calibration	SEGWay	169	Sudbourne B1084	EB	Jan-16	ATC	No	3166-5506	3166	5506	75	61	1.595	Yes	Yes	65.04079	57	1.016	Yes	Yes	8.181431	4	1.661	1.333333	0	1.241
338	Calibration	SEGWay	169	Sudbourne B1084	WB	Jan-16	ATC	No	5506-3166	5506	3166	58	56	0.279	Yes	Yes	49.55783	49	0.108	Yes	Yes	6.233841	5	0.543	2.125	2	0.041
339	Calibration	SEGWay	170	Wickham Market Ash Road	EB	Jan-16	ATC	No	3173-5485	3173	5485	148	118	2.545	Yes	Yes	130.1679	111	1.708	Yes	Yes	16.37373	6	3.057	1.083333	1	0.331
340	Calibration	SEGWay	170	Wickham Market Ash Road	WB	Jan-16	ATC	No	5485-3173	5485	3173	143	110	2.890	Yes	Yes	125.3565	100	2.375	Yes	Yes	15.7685	8	2.325	1.666667	2	0.486
343	Calibration	SEGWay	172	Wickham Market B1078	EB	Jan-16	ATC	No	3152-7308	3152	7308	123	148	2.109	Yes	Yes	105.8517	128	2.059	Yes	Yes	13.315	18	1.256	4.083333	1	1.644
344	Calibration	SEGWay	172	Wickham Market B1078	WB	Jan-16	ATC	No	7308-3152	7308	3152	143	108	3.112	Yes	Yes	125.0604	91	3.295	Yes	Yes	15.73125	16	0.041	1.875	1	0.339
345	Calibration	SEGWay	173	Wickham Market B1438	NB	Jan-16	ATC	No	5771-5466	5771	5466	215	163	3.748	Yes	Yes	189.4967	138	4.044	Yes	Yes	23.83664	24	0.016	1.25	2	0.248
346	Calibration	SEGWay	173	Wickham Market B1438	SB	Jan-16	ATC	No	5466-5771	5466	5771	131	205	5.712	No	Yes	114.2902	180	5.423	No	Yes	14.37648	20	1.370	2.125	5	1.369
347	Calibration	SEGWay	174	Woodbridge A12	NB	Jan-16	ATC	No	3158-2995	3158	2995	954	882	2.374	Yes	Yes	829.8623	737	3.323	Yes	Yes	104.3877	121	1.597	20	24	0.873
348	Calibration	SEGWay	174	Woodbridge A12	SB	Jan-16	ATC	No	2995-3158	2995	3158	831	754	2.722	Yes	Yes	711.3898	640	2.762	Yes	Yes	89.48518	93	0.332	29.75	22	1.577
349	Calibration	SEGWay	175	Woodbridge A1152 Orford Road	EB	Jan-16	ATC	No	3163-5474	3163	5474	480	472	0.356	Yes	Yes	417.1148	428	0.522	Yes	Yes	52.46855	40	1.824	10.66667	5	2.205
350	Calibration	SEGWay	175	Woodbridge A1152 Orford Road	WB	Jan-16	ATC	No	5474-3163	5474	3163	353	368	0.784	Yes	Yes	304.4161	324	1.100	Yes	Yes	38.29226	40	0.336	10.66667	4	2.480
351	Calibration	SEGWay	176	Woodbridge Yarmouth Road	NB	Jan-16	ATC	No	1334-7374	1334	7374	298	233	4.009	Yes	Yes	261.3352	201	3.942	Yes	Yes	32.87315	28	0.970	3.791667	4	0.005
352	Calibration	SEGWay	176	Woodbridge Yarmouth Road	SB	Jan-16	ATC	No	7374-1334	7374	1334	197	188	0.648	Yes	Yes	172.8417	163	0.763	Yes	Yes	21.74163	22	0.117	2.666667	3	0.198
353	Validation	SEGWay	177	Woodbridge A1152 Woods Lane	EB	Jan-16	ATC	No	5449-1335	5449	1335	676	778	3.791	Yes	No	589.5864	706	4.562	Yes	No	74.16362	66	0.956	12.5	7	1.896
354	Validation	SEGWay	177	Woodbridge A1152 Woods Lane	WB	Jan-16	ATC	No	1335-5449	1335	5449	642	499	5.993	No	No	556.6465	435	5.452	No	No	70.02014	53	2.125	15.29167	10	1.407
355	Validation	SEGWay	178	Woodbridge Burkitt Road	EB	Jan-16	ATC	No	5446-6012	5446	6012	121	222	7.738	No	No	106.5179	196	7.265	No	Yes	13.3988	24	2.521	1.083333	2	0.872
356	Validation	SEGWay	178	Woodbridge Burkitt Road	WB	Jan-16	ATC	No	6012-5446	6012	5446	143	246	7.379	No	No	125.8376	229	7.775	No	No	15.82902	13	0.674	1.083333	3	1.251
357	Calibration		179	Woodbridge Ipswich Road	EB	Jan-16	ATC	No	5010-7414	5010	5014	609	309	13.983	No	No	532.5594	29	12.593	No	No	67.04056	29	5.476	8.875	1	3.547
358	Calibration		179	Woodbridge Ipswich Road	WB	Jan-16	ATC	No	5014-50107	6014	50107	525	592	2.834	Yes	Yes	458.049	560	4.505	Yes	No	57.61764	30	4.160	9.75	3	2.841
359	Calibration	SEGWay	180	Woodbridge Grundisburgh Road	EB	Jan-16	ATC	No	0054-50053	50054	50053	263	365	5.764	No	No	230.2089	337	6.333	No	No	28.9578	14	3.342	4	15	3.558
360	Calibration	SEGWay	180	Woodbridge Grundisburgh Road	WB	Jan-16	ATC	No	0053-50054	50053	50054	507	618	4.685	Yes	No	444.7991	554	4.898	Yes	No	55.95093	52	0.561	6.583333	12	1.884
361	Calibration	SEGWay	181	Woodbridge B1083	NB	Jan-16	ATC	No	5946-3163	5946	3163	258	241	1.043	Yes	Yes	223.806	195	1.993	Yes	Yes	28.15238	37	1.550	5.916667	9	1.268
362	Calibration	SEGWay	181	Woodbridge B1083	SB	Jan-16	ATC	No	3163-5946	3163	5946	325	362	1.999	Yes	Yes	284.023	321	2.111	Yes	Yes	35.72703	39	0.601	5.458333	2	1.708
363	Validation	SEGWay	182	Woodbridge Melton Road	NB	Jan-16	ATC	No	5452-1337	5452	1337	504	427	3.601	Yes	Yes	441.4311	377	3.192	Yes	Yes	55.52727	46	1.303	7.333333	3	1.649
364	Validation	SEGWay	182	Woodbridge Melton Road	SB	Jan-16	ATC	No	1337-5452	1337	5452	264	188	5.018	No	Yes	230.1719	170	4.276	Yes	Yes	28.95314	16	2.822	4.666667	3	0.849
367	Calibration		184	Yoxford A1120 Yoxford Rd	EB	Jan-16	ATC	No	5910-5534	5910	5534	105	104	0.070	Yes	Yes	89.45576	89	0.062	Yes	Yes	11.25257	11	0.085	3.791667	4	0.079
368	Calibration		184	Yoxford A1120 Yoxford Rd	WB	Jan-16	ATC	No	5534-5910	5534	5910	127	126	0.071	Yes	Yes	108.8496	109	0.024	Yes	Yes	13.6921	14	0.085	4.25	3	0.727
369	Validation	SEGWay	185	Yoxford A12 Main Rd	NB	Jan-16	ATC	No	7306-7307	7306	7307	482	522	1.788	Yes	Yes	414.9681	447	1.565	Yes	Yes	52.19852	64	1.512	14.95833	11	1.094
370	Validation	SEGWay	185	Yoxford A12 Main Rd	SB	Jan-16	ATC	No	7307-7306	7307	7306	394	421	1.317	Yes	Yes	335.9125	357	1.110	Yes	Yes	42.25417	50	1.128	16	14	0.445
371	Calibration	Beccles	186	Beccles A146 Norwich Road	EB	Jan-16	ATC	No	2851-2850	2851	2850	1076	1077	0.029	Yes	Yes	934.2335	935	0.020	Yes	Yes	117.5165	118	0.021	24.25	24	0.018
372	Calibration	Beccles	186	Beccles A146 Norwich Road	WB	Jan-16	ATC	No	2850-2851	2850	2851	940	938	0.070	Yes	Yes	812.43	810	0.078	Yes	Yes	102.195	102	0.017	25.5	26	0.045
373	Calibration	Beccles	187	Beccles A145 George Westwood Way	NB	Jan-16	ATC	No	2839-2845	2839	2845	542	587	1.930	Yes	Yes	471.0029	526	2.468	Yes	Yes	59.24709	46	1.756	11.33333	15	0.975
374	Calibration	Beccles	187	Beccles A145 George Westwood Way	SB	Jan-16	ATC	No	2845-2839	2845	2839	547	518	1.254	Yes	Yes	478.7382	466	0.584	Yes	Yes	60.22011	37	3.384	7.916667	15	2.150
375	Calibration	Beccles	188	Beccles B1062 Bungay Road	EB	Jan-16	ATC	No	2862-2827	2862	2827	255	325	4.091	Yes	Yes	221.0671	285	4.022	Yes	Yes	27.80786	28	0.046	6.375	12	1.806
376	Calibration	Beccles	188	Beccles B1062 Bungay Road	WB	Jan-16	ATC	No	2827-2862	2827	2862	256	268	0.782	Yes	Yes	223.1768	238	0.961	Yes	Yes	28.07323	27	0.235	4.5	4	0.346
377	Calibration	Beccles	189	Beccles A145 London Road	NB	Jan-16	ATC	No	2861-5652	2861	5652	310	262	2.822	Yes	Yes	266.5537	238	1.785	Yes	Yes	33.52959	24	1.827	9.833333	0	4.281
378	Calibration	Beccles	189	Beccles A145 London Road	SB	Jan-16	ATC	No	5652-2861	5652	2861	243	202	2.744	Yes	Yes	211.4813	174	2.675	Yes	Yes	26.60207	22	0.948	4.75	6	0.396
379	Validation	Beccles	190	Beccles Lowestoft Road	EB	Jan-16	ATC	No	2813-2814	2813	2814	286	253	1.997	Yes	Yes	246.3457	229	1.118	Yes	Yes	30.98764	19	2.429	8.75	5	1.296
380	Validation	Beccles	190	Beccles Lowestoft Road	WB	Jan-16	ATC	No	2814-2813	2814	2813	266	270	0.266	Yes	Yes	230.4309	248	1.137	Yes	Yes	28.98573	20	1.756	6.416667	2	2.215
381	Calibration	Beccles	191	Beccles A146	EB	Jan-16	ATC	No	2814-2815	2814	2815	993	994	0.029	Yes	Yes	862.8391	863	0.008	Yes	Yes	108.5359	109	0.062	21.25	21	0.012
382	Calibration	Beccles	191	Beccles A146	WB	Jan-16	ATC	No	2815-2814	2815	2814	797	790	0.260	Yes	Yes	687.0735	686	0.029	Yes	Yes	86.42645	86	0.100	23.75	18	1.234
383	Validation	Beccles	192	Beccles A145	NB	Jan-16	ATC	No	2824-2829	2824	2829	307	256	3.028	Yes	Yes	262.6676	222	2.628	Yes	Yes	33.04075	32	0.232	10.91667	2	3.323
385	Calibration	Beccles	193	Beccles B1127 Benacre Road	EB	Jan-16	ATC	No	2816-3993	2816	3993	225	223	0.163	Yes	Yes	193.753	192	0.114	Yes	Yes	24.37204	24	0.067	7	6	0.201
386	Calibration	Beccles	193	Beccles B1127 Benacre Road	WB	Jan-16	ATC	No	3993-2816	3993	2816	203	200	0.142	Yes	Yes	170.8901	170	0.080	Yes	Yes	21.49488	21	0.114	10.125	10	0.139
387	Calibration	Beccles	194	Beccles Copland Way	NB	Jan-16	ATC	No	3617-2815	3617	2815	354	342	0.639	Yes	Yes	304.305	302	0.137	Yes	Yes	38.2783	33	0.928	11.25	7	1.316
388	Calibration	Beccles	194	Beccles Copland Way	SB	Jan-16	ATC	No	2815-3617	2815	3617	246	239	0.404	Yes	Yes	213.998	212	0.130	Yes	Yes	26.91865	27	0.020	4.833333	0	2.795
389	Calibration	Beccles	195	Beccles Bridge Street	EB	Jan-16	ATC	No	2852-2847	2852	2847	211	213	0.189	Yes	Yes	181.7614	158	1.809	Yes	Yes	22.86362	55	5.164	5.916667	0	3.440
390	Calibration	Beccles	195	Beccles Bridge Street	WB	Jan-16	ATC	No	2847-2852	2847	2852	246	225	1.383	Yes	Yes	215.2194	180	2.471	Yes	Yes	27.07228	44	2.904	3.833333	0	2.769
391	Calibration	Waveney	196	Bungay A144 Broad Street	NB	Jan-16	ATC	No	5686-3237	5686	3237	160	208	3.545	Yes	Yes	137.3481	190	4.095	Yes	Yes	17.27691	17	0.072	5.625	2	2.060
392	Calibration	Waveney	196	Bungay A144 Broad Street	SB	Jan-16	ATC	No	3237-5686	3237	5686	448	447	0.040	Yes	Yes	391.5771	393	0.059	Yes	Yes	49.25619	49	0.047	6.833333	5	0.696
393	Calibration	Waveney	197	Bungay Beccles Road	EB	Jan-16	ATC	No	4593-3234	4593	3234	143	141	0.152	Yes	Yes	122.9878	123	0.039	Yes	Yes	15.47054	15	0.121	4.291667	3	0.962
394	Calibration	Waveney	197	Bungay Beccles Road	WB	Jan-16	ATC	No	3234-4593	3234	4593	92	91	0.130	Yes	Yes	80.61012	81	0.041	Yes	Yes	10.13988	10	0.143	1.166667	0	1.528
395	Calibration	Waveney	198	Bungay Flixton Road	NB	Jan-16	ATC	No	3236-4601	3236	4601	63	62	0.040	Yes	Yes	55.25753	55	0.029	Yes	Yes	6.950802	7	0.019	0.583333	0	0.208
396	Calibration	Waveney	198	Bungay Flixton Road	SB	Jan-16	ATC	No	4601-3236	4601	3236	54	54	0.019	Yes	Yes	47.26314	47	0.034	Yes	Yes	5.945194	6	0.022	0.833333	1	0.039
397	Calibration	Waveney	199	Bungay A144 St John's Road	NB	Jan-16	ATC	No	3235-5698	3235	5698	357	278	4.432	Yes	Yes	310.5229	245	3.925	Yes	Yes	39.06044	33	1.036	7.5	0	3.756
398	Calibration	Waveney	199	Bungay A144 St John's Road	SB	Jan-16	ATC	No	5698-3235	5698	3235	316	318	0.107	Yes	Yes	278.5083	279	0.049	Yes	Yes	35.03335	35	0.009	2.416667	4	0.655
399	Calibration	Waveney	200	Bungay Flixton Road	EB	Jan-16	ATC	No	3242-3236	3242	3236	168	168	0.036	Yes	Yes	144.4542	144	0.028	Yes	Yes	18.17078	18	0.050	5.583333	6	0.033

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
400	Calibration	Waveney	200	Bungay Flixton Road	WB	Jan-16	ATC	No	3236-3242	3236	3242	156	153	0.235	Yes	Yes	132.3516	132	0.027	Yes	Yes	16.64841	17	0.083	6.666667	4	1.292
401	Calibration	Waveney	201	Bungay Watch House Hill	EB	Jan-16	ATC	No	4550-3995	4550	3995	272	273	0.080	Yes	Yes	235.5015	236	0.060	Yes	Yes	29.62355	30	0.034	6.75	7	0.079
402	Calibration	Waveney	201	Bungay Watch House Hill	WB	Jan-16	ATC	No	3995-4550	3995	4550	239	239	0.027	Yes	Yes	208.9645	209	0.002	Yes	Yes	26.28549	26	0.109	3.75	4	0.059
403	Validation	Waveney	202	Bungay A144	EB	Jan-16	ATC	No	3985-5784	3985	5784	232	306	4.510	Yes	Yes	199.6377	265	4.318	Yes	Yes	25.11228	36	2.029	7.583333	5	1.252
404	Validation	Waveney	202	Bungay A144	WB	Jan-16	ATC	No	5784-3985	5784	3985	282	306	1.385	Yes	Yes	240.4239	271	1.896	Yes	Yes	30.24274	35	0.855	11.45833	0	4.784
405	Calibration	Waveney	203	Halesworth A144	NB	Jan-16	ATC	No	4535-3983	4535	3983	346	254	5.318	No	Yes	293.5718	221	4.527	Yes	Yes	36.92817	33	0.640	15.75	0	5.610
406	Calibration	Waveney	203	Halesworth A144	SB	Jan-16	ATC	No	3983-4535	3983	4535	219	221	0.158	Yes	Yes	187.276	188	0.032	Yes	Yes	23.55731	29	1.012	8.041667	5	1.293
407	Calibration	Waveney	204	Halesworth B1123 Holton Road	EB	Jan-16	ATC	No	5580-3220	5580	3220	196	196	0.034	Yes	Yes	171.8054	172	0.011	Yes	Yes	21.61127	22	0.077	2.208333	2	0.017
408	Calibration	Waveney	204	Halesworth B1123 Holton Road	WB	Jan-16	ATC	No	3220-5580	3220	5580	178	178	0.041	Yes	Yes	155.1874	155	0.013	Yes	Yes	19.52091	20	0.099	3.125	3	0.152
409	Calibration	Waveney	205	Halesworth Walpole Road	NB	Jan-16	ATC	No	5416-5576	5416	5576	90	91	0.074	Yes	Yes	77.94532	78	0.057	Yes	Yes	9.804682	10	0.059	2.166667	2	0.008
410	Calibration	Waveney	205	Halesworth Walpole Road	SB	Jan-16	ATC	No	5576-5416	5576	5416	109	109	0.059	Yes	Yes	95.52558	96	0.056	Yes	Yes	12.01609	12	0.008	1.25	1	0.086
411	Validation	Waveney	206	Halesworth A144 Bramfield Road	NB	Jan-16	ATC	No	5858-5578	5858	5578	237	165	5.084	No	Yes	205.5965	136	5.328	No	Yes	25.86183	28	0.480	5.041667	0	3.003
412	Validation	Waveney	206	Halesworth A144 Bramfield Road	SB	Jan-16	ATC	No	5578-5858	5578	5858	174	200	1.925	Yes	Yes	150.0059	167	1.353	Yes	Yes	18.86912	27	1.749	4.833333	6	0.385
413	Validation	Waveney	207	Kessingland B1437 London Road	NB	Jan-16	ATC	No	6316-4501	6316	4501	147	36	11.652	No	No	124.5052	27	11.267	No	Yes	15.66142	9	1.868	6.916667	0	3.702
414	Validation	Waveney	207	Kessingland B1437 London Road	SB	Jan-16	ATC	No	4501-6316	4501	6316	255	134	8.685	No	No	220.8821	119	7.824	No	No	27.78459	15	2.710	6.666667	0	3.637
415	Calibration	Waveney	208	Southwold A1095 Mights Road	NB	Jan-16	ATC	No	4574-5657	4574	5657	393	380	0.666	Yes	Yes	340.6869	341	0.022	Yes	Yes	42.85475	36	1.160	9.166667	3	2.527
416	Calibration	Waveney	208	Southwold A1095 Mights Road	SB	Jan-16	ATC	No	5657-4574	5657	4574	236	235	0.037	Yes	Yes	205.0413	205	0.004	Yes	Yes	25.79199	26	0.021	5.208333	5	0.285
417	Calibration	Waveney	209	Southwold B1126 Wangford Road	EB	Jan-16	ATC	No	4569-5408	4569	5408	64	62	0.321	Yes	Yes	54.11019	54	0.016	Yes	Yes	6.806479	7	0.074	3.208333	1	1.899
418	Calibration	Waveney	209	Southwold B1126 Wangford Road	WB	Jan-16	ATC	No	5408-4569	5408	4569	72	72	0.006	Yes	Yes	62.88181	63	0.015	Yes	Yes	7.909855	8	0.032	1.458333	1	0.131
419	Calibration	Waveney	210	Southwold A1095 Halesworth Road	EB	Jan-16	ATC	No	4568-4572	4568	4572	146	96	4.532	Yes	Yes	128.5765	84	4.329	Yes	Yes	16.17353	7	2.524	1.375	5	1.946
420	Calibration	Waveney	210	Southwold A1095 Halesworth Road	WB	Jan-16	ATC	No	4572-4568	4572	4568	213	78	11.189	No	No	185.3515	67	10.581	No	No	23.31522	9	3.450	4.666667	2	1.282
421	Calibration	Waveney	211	Southwold B1127 Lowestoft Road	NB	Jan-16	ATC	No	4610-3228	4610	3228	209	300	5.696	No	Yes	181.2062	270	5.916	No	Yes	22.79379	30	1.361	5	0	3.162
422	Calibration	Waveney	211	Southwold B1127 Lowestoft Road	SB	Jan-16	ATC	No	3228-4610	3228	4610	128	200	5.669	No	Yes	110.8482	178	5.552	No	Yes	13.94351	23	2.054	2.875	0	2.398
423	Calibration	Waveney	212	Wangford A12	NB	Jan-16	ATC	No	3223-3233	3223	3233	434	420	0.648	Yes	Yes	378.5122	362	0.876	Yes	Yes	47.61276	47	0.064	7.75	12	1.255
424	Calibration	Waveney	212	Wangford A12	SB	Jan-16	ATC	No	3233-3223	3233	3223	288	322	1.942	Yes	Yes	249.4916	272	1.371	Yes	Yes	31.38336	37	0.977	7.125	13	1.903
427	Calibration		214	Stratford St Mary B1029	EB	Jan-16	ATC	No	3673-3120	3673	3120	93	92	0.037	Yes	Yes	81.12827	81	0.013	Yes	Yes	10.20506	10	0.065	1.333333	1	0.025
428	Calibration		214	Stratford St Mary B1029	WB	Jan-16	ATC	No	3120-3673	3120	3673	219	202	1.215	Yes	Yes	191.3843	192	0.035	Yes	Yes	24.07408	8	4.156	3.958333	2	0.896
429	Calibration		215	RAF Mildenhall A1101	EB	Jan-16	ATC	No	3802-1350	3802	1350	576	490	3.711	Yes	Yes	505.0531	432	3.385	Yes	Yes	63.53024	50	1.823	7.458333	9	0.453
430	Calibration		215	RAF Mildenhall A1101	WB	Jan-16	ATC	No	1350-3802	1350	3802	429	399	1.485	Yes	Yes	371.4061	354	0.919	Yes	Yes	46.71889	37	1.427	11.20833	8	1.101
433	Calibration		217	Lackford A1101	NB	Jan-16	ATC	No	2231-5924	2231	5924	252	261	0.580	Yes	Yes	217.181	229	0.783	Yes	Yes	27.31903	25	0.463	7.125	7	0.018
434	Calibration		217	Lackford A1101	SB	Jan-16	ATC	No	5924-2231	5924	2231	249	251	0.120	Yes	Yes	213.4058	213	0.042	Yes	Yes	26.84416	30	0.588	8.875	8	0.219
435	Calibration		218	Moulton B1506	EB	Jan-16	ATC	No	2534-3311	2534	3311	273	273	0.017	Yes	Yes	239.7355	239	0.023	Yes	Yes	30.15615	30	0.030	3.191667	3	0.131
436	Calibration		218	Moulton B1506	WB	Jan-16	ATC	No	3311-2534	3311	2534	267	249	1.103	Yes	Yes	234.9241	217	1.209	Yes	Yes	29.55092	30	0.080	2.608333	3	0.008
437	Validation	Newmarket	219	Newmarket B1061 Dullingham Road	NB	Jan-16	ATC	No	5850-2468	5850	2468	222	84	11.154	No	No	185.0554	69	10.310	No	No	23.27797	10	3.305	13.66667	5	2.712
438	Validation	Newmarket	219	Newmarket B1061 Dullingham Road	SB	Jan-16	ATC	No	2468-5850	2468	5850	301	214	5.420	No	Yes	245.6055	184	4.196	Yes	Yes	30.89452	22	1.679	24.33333	8	4.204
439	Calibration		220	Scole A140 Scole Bridge	NB	Jan-16	ATC	No	3245-3247	3245	3247	735	738	0.111	Yes	Yes	623.3405	622	0.068	Yes	Yes	78.40952	83	0.508	32.875	33	0.026
440	Calibration		220	Scole A140 Scole Bridge	SB	Jan-16	ATC	No	3247-3245	3247	3245	685	765	2.988	Yes	Yes	577.1507	647	2.827	Yes	Yes	72.59934	83	1.169	34.75	35	0.030
441	Validation	SEGWay	221	Wickham Market B1078	EB	Jan-16	ATC	No	5945-3169	5945	3169	50	87	4.484	Yes	Yes	43.41399	83	4.995	Yes	Yes	5.461012	4	0.869	1	0	1.025
442	Validation	SEGWay	221	Wickham Market B1078	WB	Jan-16	ATC	No	3169-5945	3169	5945	38	64	3.517	Yes	Yes	33.34698	58	3.630	Yes	Yes	4.19469	4	0.007	0.875	1	0.563
443	Calibration		222	Stutton Holbrook Road	EB	Jan-16	ATC	No	3105-3663	3105	3663	115	110	0.424	Yes	Yes	100.4481	100	0.093	Yes	Yes	12.63528	9	1.027	1.916667	2	0.131
444	Calibration		222	Stutton Holbrook Road	WB	Jan-16	ATC	No	3663-3105	3663	3105	145	65	7.745	No	Yes	125.4675	58	7.074	No	Yes	15.78246	4	3.660	3.625	3	0.078
449	Calibration	Sudbury	05.05	Sudbury Cats Lane	NB	Jan-16	ATC	No	2665-2667	2665	2667	159	157	0.176	Yes	Yes	140.1054	140	0.007	Yes	Yes	17.62375	15	0.537	1.6875	2	0.039
450	Calibration	Sudbury	05.05	Sudbury Cats Lane	SB	Jan-16	ATC	No	2667-2665	2667	2665	117	85	3.136	Yes	Yes	102.8723	76	2.837	Yes	Yes	12.94022	8	1.489	0.6875	1	0.206
453	Calibration	Sudbury	226	Sudbury Acton Lane	NB	Jan-16	ATC	No	3530-5830	3530	5830	97	28	8.786	No	Yes	85.75465	27	7.854	No	Yes	10.78701	1	4.312	0.541667	0	0.320
454	Calibration	Sudbury	226	Sudbury Acton Lane	SB	Jan-16	ATC	No	5830-3530	5830	3530	63	13	8.099	No	Yes	55.4796	11	7.618	No	Yes	6.978736	1	2.739	0.125	0	0.281
455	Calibration	Sudbury	227	Sudbury Valley Road	NB	Jan-16	ATC	No	5834-3546	5834	3546	266	266	0.024	Yes	Yes	233.947	234	0.001	Yes	Yes	29.42801	29	0.101	2.875	3	0.100
456	Calibration	Sudbury	227	Sudbury Valley Road	SB	Jan-16	ATC	No	3546-5834	3546	5834	227	230	0.225	Yes	Yes	198.1943	200	0.093	Yes	Yes	24.93071	25	0.046	3.75	6	1.043
457	Calibration	Sudbury	228	Sudbury Melford Road	NB	Jan-16	ATC	No	5830-5829	5830	5829	150	153	0.271	Yes	Yes	126.5779	129	0.249	Yes	Yes	15.92213	16	0.069	7.625	8	0.086
458	Calibration	Sudbury	228	Sudbury Melford Road	SB	Jan-16	ATC	No	5829-5830	5829	5830	229	234	0.307	Yes	Yes	196.9729	201	0.278	Yes	Yes	24.77707	25	0.105	7.25	7	0.083
459	Validation	Sudbury	229	Newton A134	EB	Jan-16	ATC	No	5834-2787	5834	2787	695	838	5.181	No	No	595.4711	704	4.246	Yes	No	74.90386	113	3.961	24.5	21	0.668
460	Validation	Sudbury	229	Newton A134	WB	Jan-16	ATC	No	2787-5834	2787	5834	743	781	1.387	Yes	Yes	646.1023	668	0.866	Yes	Yes	81.27271	95	1.486	15.375	17	0.522
462	Calibration	A14	0	MIDAS site at A14/1439A priority 1 on link 106033	EB	Jan-16	TRADS	No	2206-2085	2206	2085	2602	2579	0.454	Yes	Yes	2183.333	2224	0.874	Yes	Yes	183.4583	119	5.234	234.8333	235	0.016
468	Calibration	A14	0	A14 TMU Site 6301/1 on link A14 J43 westbound exi	WB	Jan-16	TRADS	No	2090-2089	2090	2089	721	696	0.938	Yes	Yes	642.25	624	0.732	Yes	Yes	23.75	35	2.096	54.91667	37	2.633
469	Calibration	A14	0	A14 TMU Site 6302/1 on link A14 J43 eastbound exi	EB	Jan-16	TRADS	No	2085-2086	2085	2086	578	494	3.637	Yes	Yes	481.25	446	3.711	Yes	Yes	23.5	64	6.176	70.33333	23	6.842
470	Calibration	A14	0	A14 TMU SIte 6302/2 on link A14 eastbound within J4	EB	Jan-16	TRADS	No	2092-2091	2092	2091	2046	2085	0.849	Yes	Yes	1799.125	1818	0.453	Yes	Yes	59.54167	55	0.650	187.375	212	1.715
471	Calibration	A14	0	MIDAS site at A14/1469L priority 1 on link 106035	WB	Jan-16	TRADS	No	2104-2101	2104	2101	383	395	0.610	Yes	Yes	350.0833	348	0.099	Yes	Yes	15.91667	31	3.145	16.66667	15	0.345
473	Calibration	A14	0	A14 TMU Site 6299/2 on link A14 westbound within J4	WB	Jan-16	TRADS	No	2104-2105	2104	2105	1187	1227	1.162	Yes	Yes	886.25	931	1.486	Yes	Yes	68.52083	61	0.972	232.2292	236	0.222
474	Calibration	A14	0	A14 TMU Site 6300/1 on link A14 J44 eastbound exi	EB	Jan-16	TRADS	No	2096-2098	2096	2098	990	895	3.095	Yes	Yes	901.125	841	2.024	Yes	Yes	36.25	38	0.243	52.625	16	6.283
475	Calibration	A14	0	A14 TMU Site 6300/2 on link A14 eastbound within J4	EB	Jan-16	TRADS	No	2096-2106	2096	2106	2136	2143	0.147	Yes	Yes	1816.5	1805	0.264	Yes	Yes	96.625	106	0.976	222.875	231	0.544
476	Calibration	A14	0	A14 TMU Site 6303/1 on link A14 J42 westbound exi	WB	Jan-16	TRADS	No	2203-2196	2203	2196	386	397	0.519	Yes	Yes	357.8333	371	0.684	Yes	Yes	16.41667	21	1.001	12.16667	5	2.423
477	Calibration	A14	0	A14 TMU Site 6303/2 on link A14 westbound within J4	WB	Jan-16	TRADS	No	2203-2201	2203	2201	1292	1316	0.652	Yes	Yes	993.25	998	0.152	Yes	Yes	59.58333	74	1.736	239.3333	244	0.295
478	Calibration	A14	0	A14 TMU Site 6304/1 on link A14 J42 eastbound exi	EB	Jan-16	TRADS	No	2192-2194	2192	2194	640	666	1.007	Yes	Yes	578.1667	575	0.128	Yes	Yes	26.33333	59	5.002	35.41667	32	0.671
479	Calibration	A14	0	A14 TMU Site 6304/2 on link A14 eastbound within J4	EB	Jan-16	TRADS	No	2192-2202	2192	2202	2042	2038	0.084	Yes	Yes	1720.875	1710	0.265	Yes	Yes	100.9167	101	0.003	219.9167	227	0.484
480	Calibration	A14	0	MIDAS site at A14/1241A priority 1 on link 106026	EB	Jan-16	TRADS	No	2520-2525	2520	2525	4001	4046	0.702	Yes	Yes	3385.5	3468	1.402	Yes	Yes	265.75	250	0.954	350	328	1.208
481	Calibration	A14	0	MIDAS site at A14/1254A priority 1 on link 106031	EB	Jan-16	TRADS	No	2526-2536	2526	2536	2038	2043	0.113	Yes	Yes	1721.792	1708	0.339	Yes	Yes	86.66667	102	1.568	229.2083	233	0.258
483	Calibration	A14	0	MIDAS site at A14/1254J priority 1 on link 106026	NB	Jan-15	TRADS	No	2526-2530	2526	2530	1906	2003	2.190	Yes	Yes	1726.197	1760	0.806	Yes	Yes	49.95481	149	9.896	130.0622	95	3.342
484	Calibration	A14	0	MIDAS site at A14/1218L priority 1 on link 106027	WB	Jan-16	TRADS	No	2508-2506	2508	2506	472	473	0.044	Yes	Yes	410.5	412	0.068	Yes	Yes	35.125	35	0.026	26.375	26	0.052
485	Calibration	A14	0	MIDAS site at A14/1255B priority 1 on link 106026	WB	Jan-16	TRADS	No	2527-2523	2527	2523	1187	1219	0.928	Yes	Yes	898.5	920	0.699	Yes	Yes	58.29167	58	0.033	230.0833	241	0.740
486	Calibration	A14	0	MIDAS site at A14/1241B priority 1 on link 106027	WB	Jan-16	TRADS	No	2524-2521	2524	2521	2247	2298	1.078	Yes	Yes	1778.333	1830	1.226	Yes	Yes	127.4167	117	0.987	341	351	0.549
487	Calibration	A14	0	A14 TMU Site 9942/1 on link A14 J49 eastbound exi	EB	Jan-15	TRADS	No	2363-2364	2363	2364	451	527	3.430	Yes	Yes	420.3675	448	1.305	Yes	Yes	18.51568	65	7.219	12.15189	14	0.537
488	Calibration	A14	0	A14 TMU Site 9942/2 on link A14 eastbound within J4	EB	Jan-15	TRADS	No	2367-2370	2367	2370	1868	1867	0.033	Yes	Yes	1545.963	1544	0.041	Yes	Yes	92.57841	93	0.039	229.8733	230	0.013
489	Calibration	A14	0	A14 TMU Site 6295/1 on link A14 J51 westbound exi	WB	Jan-16	TRADS	No	5752-5754	5752	5754	870	844	0.904	Yes	Yes	746	748	0.062	Yes	Yes	43	50	1.079	81	45	4.469
490	Calibration	A14	0	A14 TMU Site 6296/1 on link A14 J51 eastbound exi	EB	Jan-15	TRADS	No	5761-5757	5761	5757	282	273	0.561	Yes	Yes	245.2968	244	0.099	Yes	Yes	18.51568	19	0.105	18.22784	10	2.198
491	Calibration	A14	0	MIDAS site at A14/1800A priority 1 on link 106045	EB	Jan-16	TRADS	No	0087-5001	50087	50010	2638	2676	0.721	Yes	Yes	2183.75	2174	0.218	Yes	Yes	178.2917	228	3.465	276.4167	274	0.121
519	Calibration	A14	0	A14 TMU Site 6285/1 on link A14 J58 eastbound exi	EB	Jan-16	TRADS	No	0090-3077	30090	30771	1546	1387	4.148	Yes	Yes	1452.417	1216	6.479	No	No	55.33333	134	8.049	38.58333	38	0.067
523	Calibration	A14	0	MIDAS site at A14/2057A priority 1 on link 199136	EB	Jan-16	TRADS	No	2957-2954	2957	2954	1779	1816	0.881	Yes	Yes	1458.583	1449	0.241	Yes	Yes	100.1667	148	4.312	220.0833	219	0.102
524	Calibration	A14	0	MIDAS site at A14/2068L priority 1 on link 199136	WB	Jan-16	TRADS	No	2943-2947	2943	2947	390	384	0.287	Yes	Yes	376.625	379	0.132	Yes	Yes	10.70833	5	1.986	2.625	0	2.291
525	Calibration	A14	0	MIDAS site at A14/2060J priority 1 on link 199136	EB	Jan-16	TRADS	No	2954-2951	2954	2951	327	319	0.467	Yes	Yes	303.2083	301	0.125	Yes	Yes	17.83333	18	0.049	6.416667	0	3.582
526	Calibration	A14	0	MIDAS site at A14/2070B priority 1 on link 199135	WB	Jan-16	TRADS	No	2946-2943	2946	2943	1941	2001	1.350	Yes	Yes	1650.583	1657	0.159	Yes	Yes	53.29167	97	5.062	237.5417	247	0.615
527	Calibration	A14	0	MIDAS site at A14/2087B priority 1 on link 106050	WB	Jan-16	TRADS	No	2895-2915	2895	2915	1568	1527	1.049	Yes	Yes	1236.333	1243	0.192	Yes	Yes	97.29167	47	5.875	234.7917	237	0.128
529	Calibration	A14	0	MIDAS site at A14/2098A priority 1 on link 106051	EB	Jan-16	TRADS	No	2889-2971	2889	2971	241	240	0.078	Yes	Yes	175.375	174	0.105	Yes	Yes	14.75	15	0.075	50.875	51	0.016
530	Calibration	A14	0	MIDAS site at A14/2102B priority 1 on link 106051	WB	Jan-16	TRADS	No	2903-2970	2903	2970	712	717	0.188	Yes	Yes	601.9167	603	0.052	Yes	Yes	21.08333	23	0.487	88.875	90	0.153
531	Calibration	A14	0	MIDAS site at A14/1449B priority 1 on link 106033	WB	Jan-16	TRADS	No	2240-2090	2240	2090	1975	1904	1.612	Yes	Yes	1640.167	1567	1.834	Yes	Yes	80.54167	81	0.019	254.25	257	0.143
532	Calibration	A11	0	e 6320/1 on link A11 northbound between A134 and	NB	Jan-16	TRADS	No	3271-3267	3271	3267	1679	1671	0.192	Yes	Yes	1456.667	1493	0.943	Yes	Yes	91.75	92	0.020	130.5833	86	4.250
533	Calibration	A11	0	e 6321/1 on link A11 southbound between A134/A10	SB	Jan-16	TRADS	No	3267-3271	3267	3271	1195	1202	0.214	Yes	Yes	995.9167	1026	0.958	Yes	Yes	66.91667	67	0.011	131.9167	109	2.110
534	Calibration	A11	0	Site 6360/1 on link A11 northbound between A1075	NB	Jan-16	TRADS	No	3266-1003	3266	1003	1517	1542	0.643	Yes	Yes	1340.5	1363	0.598	Yes	Yes	81.08333	81	0.020	95.5	99	0.336
535	Calibration	A11	0	Site 6499/1 on link A11 southbound between B111 a	SB	Jan-16	TRADS	No	1003-3266	1003	3266	1126	1153	0.792	Yes	Yes	969.9167	996	0.826	Yes	Yes	52.75	53	0.030	103.3333	104	0.060
538	Calibration	A12	0	fU Site 6276/3 on link A12 northbound access from	NB	Jan-16	TRADS	No	3110-3111	3110	3111	336	246	5.268	No	Yes	306.4167	216	5.574	No	Yes	23.66667	24	0.044	6.25	6	0.015
542	Calibration	A12	0	Site 6338/1 on link A12 southbound between B1370	SB	Jan-16	TRADS	No	5981-6330	5981	6330	1439	1590	3.878	Yes	Yes	1381.75	1414	0.860	Yes	Yes	44	163	11.687	13.125	13	0.025
543	Calibration	A12	0	Site 6338/2 on link A12 northbound between B1375	NB	Jan-16	TRADS	No	6330-5981	6330	5981	1161	1195	0.988	Yes	Yes	1102.125	1097	0.142	Yes	Yes	36.25	90	6.799	22.625	7	4.004
544	Calibration	Lowestoft	0	Site 6339/1 on link A12 southbound between B1375	SB	Jan-16	TRADS	No	10257-6230	10257	6230	668	752	3.159	Yes	Yes	627.6667	664	1.424	Yes	Yes	25.45833	82	7.762	14.54167	6	2.855
545	Calibration	Lowestoft	0	Site 6339/2 on link A12 northbound between A1117	NB	Jan-16	TRADS	No	6230-10257	6230	10257	564	627	2.567	Yes	Yes	532.1667	569	1.555	Yes	Yes	16.58333	53	6.199	15.20833	5	3.320
548	Calibration	Lowestoft	1	Mutfordwood Lane	EB	Jan-15	ATC	No	4567-5070	4567	5070	29	47	2.838	Yes	Yes	25.8394	44	3.011	Yes	Yes	3.075929	3	0.078	0.170793	0	0.500

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
549	Calibration	Lowestoft	1	Mutfordwood Lane	WB	Jan-15	ATC	No	5070-4567	5070	4567	21	52	5.082	No	Yes	18.71781	45	4.712	Yes	Yes	2.228173	6	1.983	0.123721	0	0.497
550	Calibration	Lowestoft	2	Rushmere Road	EB	Jan-15	ATC	No	4566-5000	4566	5000	77	0	12.431	No	Yes	68.6556	0	11.718	No	Yes	8.17278	0	4.043	0.453799	0	0.939
551	Calibration	Lowestoft	2	Rushmere Road	WB	Jan-15	ATC	No	5000-4566	5000	4566	41	0	9.011	No	Yes	36.06487	0	8.493	No	Yes	4.293171	0	2.930	0.238381	0	0.690
552	Calibration	Lowestoft	3	Gisleham Road	NB	Jan-15	ATC	No	9600-5010	9600	5010	42	56	1.938	Yes	Yes	37.29277	55	2.548	Yes	Yes	4.439341	1	2.134	0.246497	0	0.666
553	Calibration	Lowestoft	3	Gisleham Road	SB	Jan-15	ATC	No	5010-9600	5010	9600	26	29	0.583	Yes	Yes	23.3521	27	0.794	Yes	Yes	2.779839	1	1.103	0.154352	1	0.926
554	Calibration	Lowestoft	4	A146 Beccles Road	EB	Jan-15	ATC	No	4512-2000	4512	2000	890	1058	5.395	No	No	790.5596	938	5.015	No	No	94.10842	108	1.396	5.225428	12	2.346
555	Calibration	Lowestoft	4	A146 Beccles Road	WB	Jan-15	ATC	No	2000-4512	2000	4512	659	833	6.368	No	No	585.8611	739	5.943	No	No	69.74106	84	1.631	3.872416	11	2.500
556	Validation	Lowestoft	5	A1145 Castleton Avenue	EB	Jan-15	ATC	No	5110-5060	5110	5060	456	495	1.754	Yes	Yes	405.4265	422	0.823	Yes	Yes	48.26207	65	2.265	2.679782	7	2.007
557	Validation	Lowestoft	5	A1145 Castleton Avenue	WB	Jan-15	ATC	No	5060-5110	5060	5110	444	525	3.662	Yes	Yes	394.8386	469	3.581	Yes	Yes	47.00169	48	0.075	2.609798	8	2.427
558	Calibration	Lowestoft	6	A12 London Road	NB	Jan-15	ATC	No	5390-1000	5390	1000	754	641	4.263	Yes	Yes	669.4295	557	4.542	Yes	No	79.68906	76	0.389	4.424785	8	1.359
559	Calibration	Lowestoft	6	A12 London Road	SB	Jan-15	ATC	No	1000-5390	1000	5390	770	621	5.623	No	No	683.6727	542	5.720	No	No	81.38458	69	1.381	4.518929	10	1.983
560	Calibration	Lowestoft	7	London Road South	NEB	Jan-15	ATC	No	9606-1040	9606	1040	517	580	2.718	Yes	Yes	459.0275	520	2.769	Yes	Yes	54.64275	59	0.545	3.034073	1	1.178
561	Calibration	Lowestoft	7	London Road South	SWB	Jan-15	ATC	No	1040-9606	1040	9606	496	587	3.919	Yes	Yes	440.3885	528	3.961	Yes	Yes	52.42396	56	0.504	2.910873	3	0.192
562	Calibration	Lowestoft	8	A12 Tom Crisp Way	NEB	Jan-15	ATC	No	3000-6314	3000	6314	499	550	2.225	Yes	Yes	442.9251	481	1.787	Yes	Yes	52.72592	63	1.315	2.92764	5	1.237
563	Calibration	Lowestoft	8	A12 Tom Crisp Way	SWB	Jan-15	ATC	No	6314-3000	6314	3000	703	825	4.440	Yes	No	624.2421	751	4.834	Yes	No	74.30994	67	0.836	4.126106	7	1.265
564	Calibration	Lowestoft	9	A1117 Elm Tree Road	NB	Jan-15	ATC	No	3030-3040	3030	3040	418	495	3.635	Yes	Yes	371.1263	434	3.138	Yes	Yes	44.17897	58	1.986	2.453064	3	0.304
565	Calibration	Lowestoft	9	A1117 Elm Tree Road	SB	Jan-15	ATC	No	3040-3030	3040	3030	414	469	2.597	Yes	Yes	368.0381	395	1.382	Yes	Yes	43.81135	70	3.482	2.432653	4	0.744
566	Calibration	Lowestoft	10	A146 Beccles Road	NEB	Jan-15	ATC	No	6406-6404	6406	6404	532	446	3.874	Yes	Yes	472.2623	401	3.414	Yes	Yes	56.21823	38	2.619	3.121552	7	1.656
567	Calibration	Lowestoft	10	A146 Beccles Road	SWB	Jan-15	ATC	No	6404-6406	6404	6406	487	336	7.456	No	No	432.8887	291	7.460	No	No	51.53119	43	1.285	2.861301	2	0.329
568	Calibration	Lowestoft	11	Kirkley Run	NWB	Jan-15	ATC	No	6398-5270	6398	5270	218	218	0.028	Yes	Yes	193.2283	193	0.019	Yes	Yes	23.00195	24	0.177	1.277197	1	0.736
569	Calibration	Lowestoft	11	Kirkley Run	SEB	Jan-15	ATC	No	5270-6398	5270	6398	182	179	0.209	Yes	Yes	161.4647	161	0.063	Yes	Yes	19.2208	17	0.442	1.067247	1	0.110
570	Calibration	Lowestoft	12	A146 Waveney Drive	EB	Jan-15	ATC	No	4613-4010	4613	4010	219	213	0.451	Yes	Yes	194.9929	192	0.212	Yes	Yes	23.21201	18	1.111	1.288861	3	0.976
571	Calibration	Lowestoft	12	A146 Waveney Drive	WB	Jan-15	ATC	No	4010-4613	4010	4613	428	415	0.629	Yes	Yes	379.9862	381	0.054	Yes	Yes	45.23366	34	1.844	2.511627	0	2.077
574	Calibration	Lowestoft	15	Katwijk Way	NB	Jan-15	ATC	No	6040-6431	6040	6431	305	183	7.830	No	No	271.1667	170	6.841	No	No	32.27975	12	4.250	1.792353	1	0.596
575	Calibration	Lowestoft	15	Katwijk Way	SB	Jan-15	ATC	No	6431-6040	6431	6040	223	407	10.331	No	No	198.5222	367	10.033	No	No	23.63214	39	2.787	1.312189	0	1.083
576	Calibration	Lowestoft	16	A12 Battery Green Road	NB	Jan-15	ATC	No	6160-6150	6160	6150	454	376	3.806	Yes	Yes	402.9686	328	3.909	Yes	Yes	47.96949	45	0.398	2.663535	3	0.031
577	Calibration	Lowestoft	16	A12 Battery Green Road	SB	Jan-15	ATC	No	6150-6160	6150	6160	905	791	3.919	Yes	Yes	803.9047	722	2.977	Yes	Yes	95.69702	66	3.265	5.313637	3	1.243
578	Calibration	Lowestoft	17	A12 Old Nelson Street	NB	Jan-15	ATC	No	6140-6130	6140	6130	626	624	0.055	Yes	Yes	555.8622	554	0.091	Yes	Yes	66.16998	67	0.113	3.674129	4	0.083
579	Calibration	Lowestoft	17	A12 Old Nelson Street	SB	Jan-15	ATC	No	6130-6140	6130	6140	573	585	0.512	Yes	Yes	508.9889	520	0.482	Yes	Yes	60.59017	62	0.164	3.364307	3	0.059
580	Calibration	Lowestoft	18	St Peter's Street	EB	Jan-15	ATC	No	6070-6075	6070	6075	620	500	5.068	No	No	550.6786	464	3.858	Yes	Yes	65.55292	33	4.689	3.639867	3	0.086
581	Calibration	Lowestoft	18	St Peter's Street	WB	Jan-15	ATC	No	6075-6070	6075	6070	506	503	0.141	Yes	Yes	449.6528	449	0.054	Yes	Yes	53.52679	54	0.063	2.972108	1	1.876
582	Calibration	Lowestoft	19	Denmark Road	EB	Jan-15	ATC	No	7200-10139	7200	10139	259	257	0.113	Yes	Yes	230.1755	230	0.035	Yes	Yes	27.40015	26	0.206	1.52141	1	0.183
583	Calibration	Lowestoft	19	Denmark Road	WB	Jan-15	ATC	No	10139-7200	10139	7200	403	402	0.039	Yes	Yes	358.0017	357	0.037	Yes	Yes	42.61662	43	0.010	2.366314	2	0.104
584	Calibration	Lowestoft	20	Rotterdam Road	NEB	Jan-15	ATC	No	7210-9130	7210	9130	149	118	2.764	Yes	Yes	132.7893	107	2.361	Yes	Yes	15.80727	11	1.463	0.877709	0	1.121
585	Calibration	Lowestoft	20	Rotterdam Road	SWB	Jan-15	ATC	No	9130-7210	9130	7210	145	124	1.872	Yes	Yes	129.0394	110	1.727	Yes	Yes	15.36089	13	0.685	0.852923	1	0.286
586	Calibration	Lowestoft	21	Peto Way	NB	Jan-15	ATC	No	10190-7060	10190	7060	420	587	7.457	No	No	373.1115	529	7.341	No	No	44.41529	58	1.841	2.466186	1	1.351
587	Calibration	Lowestoft	21	Peto Way	SB	Jan-15	ATC	No	7060-10190	7060	10190	605	398	9.242	No	No	537.1129	362	8.256	No	No	63.93806	31	4.852	3.5502	5	0.732
588	Calibration	Lowestoft	22	A1117 Normanston Drive	NEB	Jan-15	ATC	No	7050-7060	7050	7060	604	697	3.665	Yes	Yes	536.2747	623	3.589	Yes	Yes	63.83828	68	0.519	3.54466	6	1.287
589	Calibration	Lowestoft	22	A1117 Normanston Drive	SWB	Jan-15	ATC	No	7060-7050	7060	7050	644	843	7.309	No	No	572.0969	749	6.865	No	No	68.10257	91	2.586	3.781437	4	0.081
590	Calibration	Lowestoft	23	A1144 Normanston Drive	EB	Jan-15	ATC	No	9240-9130	9240	9130	236	234	0.162	Yes	Yes	209.9924	208	0.141	Yes	Yes	24.99755	24	0.238	1.388004	2	0.545
591	Calibration	Lowestoft	23	A1144 Normanston Drive	WB	Jan-15	ATC	No	9130-9240	9130	9240	320	320	0.018	Yes	Yes	284.5485	284	0.004	Yes	Yes	33.87273	34	0.006	1.880804	2	0.223
592	Calibration	Lowestoft	24	Oulton Road	EB	Jan-15	ATC	No	9270-6309	9270	6309	368	381	0.698	Yes	Yes	326.8999	338	0.628	Yes	Yes	38.91425	41	0.294	2.160738	2	0.130
593	Calibration	Lowestoft	24	Oulton Road	WB	Jan-15	ATC	No	6309-9270	6309	9270	351	346	0.234	Yes	Yes	311.5696	307	0.256	Yes	Yes	37.08932	37	0.002	2.059408	2	0.085
594	Calibration	Lowestoft	25	B1375 Gorleston Road	NB	Jan-15	ATC	No	8030-8040	8030	8040	539	512	1.190	Yes	Yes	478.9743	441	1.787	Yes	Yes	57.01722	68	1.329	3.165916	4	0.300
595	Calibration	Lowestoft	25	B1375 Gorleston Road	SB	Jan-15	ATC	No	8040-8030	8040	8030	697	666	1.191	Yes	Yes	619.3893	560	2.457	Yes	Yes	73.73227	101	2.913	4.09403	5	0.609
596	Calibration	Lowestoft	26	A1117 Millennium Way	NB	Jan-15	ATC	No	7070-7080	7070	7080	541	451	4.049	Yes	Yes	480.9752	393	4.195	Yes	Yes	57.25541	55	0.316	3.179142	3	0.077
597	Calibration	Lowestoft	26	A1117 Millennium Way	SB	Jan-15	ATC	No	7080-7070	7080	7070	507	477	1.328	Yes	Yes	450.2043	425	1.223	Yes	Yes	53.59243	50	0.516	2.975753	3	0.106
598	Calibration	Lowestoft	27	A12 Yarmouth Road	NWB	Jan-15	ATC	No	0242-10248	10242	10248	697	695	0.083	Yes	Yes	619.1688	620	0.014	Yes	Yes	73.70601	74	0.023	4.092572	2	1.357
599	Calibration	Lowestoft	27	A12 Yarmouth Road	SEB	Jan-15	ATC	No	0248-10242	10248	10242	597	616	0.779	Yes	Yes	530.2749	546	0.686	Yes	Yes	63.12406	66	0.320	3.505003	4	0.356
600	Validation	Lowestoft	28	B1385 Corton Road	NB	Jan-15	ATC	No	9460-9480	9460	9480	103	85	1.880	Yes	Yes	91.5408	76	1.664	Yes	Yes	10.89704	9	0.763	0.605065	0	1.100
601	Validation	Lowestoft	28	B1385 Corton Road	SB	Jan-15	ATC	No	9480-9460	9480	9460	92	84	0.828	Yes	Yes	81.94556	76	0.685	Yes	Yes	9.754821	9	0.385	0.541642	0	1.004
604	Validation	Lowestoft	30	B1375 Parkhill	NB	Jan-15	ATC	No	6300-8070	6300	8070	312	310	0.148	Yes	Yes	277.49	261	0.989	Yes	Yes	33.03247	45	1.981	1.834149	3	0.774
605	Validation	Lowestoft	30	B1375 Parkhill	SB	Jan-15	ATC	No	8070-6300	8070	6300	482	587	4.558	Yes	No	427.9257	518	4.140	Yes	Yes	50.94038	65	1.785	2.828496	5	0.923
606	Calibration	Lowestoft	31	B1074 Bluderston Road	NB	Jan-15	ATC	No	6324-9440	6324	9440	217	215	0.144	Yes	Yes	193.118	179	1.441	Yes	Yes	22.99892	34	2.100	1.276468	2	0.377
607	Calibration	Lowestoft	31	B1074 Bluderston Road	SB	Jan-15	ATC	No	9440-6324	9440	6324	142	181	3.098	Yes	Yes	125.7307	158	2.736	Yes	Yes	14.96702	21	1.420	0.831053	2	0.644
608	Calibration	Lowestoft	32	Fixton Road	NB	Jan-15	ATC	No	4563-5656	4563	5656	56	18	6.267	No	Yes	49.40998	16	5.948	No	Yes	5.881776	2	1.856	0.326589	0	0.808
609	Calibration	Lowestoft	32	Fixton Road	SB	Jan-15	ATC	No	5656-4563	5656	4563	75	45	3.916	Yes	Yes	67.0564	40	3.734	Yes	Yes	7.98241	5	1.037	0.443228	0	0.942
610	Calibration	Lowestoft	33	Coast Road	NB	Jan-15	ATC	No	9510-6326	9510	6326	51	27	3.922	Yes	Yes	45.62716	27	3.144	Yes	Yes	5.396004	0	3.204	0.299616	0	0.774
611	Calibration	Lowestoft	33	Coast Road	SB	Jan-15	ATC	No	6326-9510	6326	9510	68	1	11.508	No	Yes	60.83621	1	10.831	No	Yes	7.194673	0	3.785	0.399489	0	0.894
620	Calibration	Lowestoft	29	Asda Car Park	Entry	Jan-15	ANPR	No	4000-6381	4000	6381	305	305	0.019	Yes	Yes	270.8725	271	0.028	Yes	Yes	32.24474	32	0.015	1.790409	2	0.039
621	Calibration	Lowestoft	29	Asda Car Park	Exit	Jan-15	ANPR	No	6381-4000	6381	4000	334	334	0.041	Yes	Yes	296.4599	296	0.032	Yes	Yes	35.29066	35	0.078	1.959536	4	1.043
626	Validation	Ipswich	3	Hawthorn Drive	EB	Jan-15	ATC	No	0174-30173	30174	30173	235	198	2.519	Yes	Yes	192.0754	184	0.604	Yes	Yes	28.15927	11	3.757	14.68354	3	4.101
627	Validation	Ipswich	3	Hawthorn Drive	WB	Jan-15	ATC	No	0173-30174	30173	30174	316	172	9.210	No	No	286.0776	166	8.009	No	No	16.58697	6	3.158	13.79746	1	4.825
628	Validation	Ipswich	4	Anglesea Road	EB	Jan-15	ATC	No	0085-20030	20085	20030	246	222	1.597	Yes	Yes	230.3178	206	1.657	Yes	Yes	12.98669	14	0.281	2.658227	2	0.666
629	Validation	Ipswich	4	Anglesea Road	WB	Jan-15	ATC	No	0030-20085	20030	20085	216	198	1.213	Yes	Yes	205.7687	180	1.870	Yes	Yes	7.714868	15	2.087	2.025316	4	0.914
637	Calibration	Ipswich	9	Belvedere Road	NB	Jan-15	ATC	No	0055-20337	20055	20337	159	83	6.888	No	Yes	145.8145	82	6.002	No	Yes	11.31514	1	4.128	1.392405	0	1.645
638	Calibration	Ipswich	9	Belvedere Road	SB	Jan-15	ATC	No	0337-20055	20337	20055	76	6	10.821	No	Yes	67.97274	6	10.303	No	Yes	7.329124	1	3.176	0.506329	0	0.968
639	Calibration	Ipswich	10	Brunswick Road	NB	Jan-15	ATC	No	0056-20052	20056	20052	85	172	7.647	No	Yes	76.73148	163	7.854	No	Yes	8.100611	9	0.377	0.379747	0	0.731
640	Calibration	Ipswich	10	Brunswick Road	SB	Jan-15	ATC	No	0052-20056	20052	20056	74	148	7.012	No	Yes	44.53386	141	9.990	No	Yes	27.38778	7	4.786	2.27848	0	2.074
643	Calibration	Ipswich	12	Sidegate Lane	NB	Jan-15	ATC	No	0057-20053	20057	20053	260	234	1.662	Yes	Yes	236.2392	212	1.607	Yes	Yes	17.7442	18	0.006	5.949365	4	0.906
644	Calibration	Ipswich	12	Sidegate Lane	SB	Jan-15	ATC	No	0053-20057	20053	20057	231	226	0.324	Yes	Yes	200.094	208	0.540	Yes	Yes	26.48771	17	1.980	4.683543	1	1.930
651	Calibration	Ipswich	16	Adelaide Road	NB	Jan-15	ATC	No	0644-30645	30644	30645	48	48	0.063	Yes	Yes	42.80679	43	0.066	Yes	Yes	4.114596	4	0.052	0.759493	1	0.122
652	Calibration	Ipswich	16	Adelaide Road	SB	Jan-15	ATC	No	0645-30644	30645	30644	38	38	0.051	Yes	Yes	34.78823	35	0.034	Yes	Yes	2.828785	3	0.100	0.126582	0	0.198
653	Calibration	Ipswich	17	Gleneagles Drive	EB	Jan-15	ATC	No	0646-30647	30646	30647	82	82	0.084	Yes	Yes	77.10156	77	0.042	Yes	Yes	3.728853	4	0.143	0.759493	1	0.122
654	Calibration	Ipswich	17	Gleneagles Drive	WB	Jan-15	ATC	No	0647-30646	30647	30646	65	65	0.031	Yes	Yes	59.95418	60	0.001	Yes	Yes	3.600272	4	0.205	1.012658	1	0.152
655	Calibration	Ipswich	18	Penshurst Road	EB	Jan-15	ATC	No	0274-30648	30274	30648	70	73	0.407	Yes	Yes	61.43453	67	0.686	Yes	Yes	5.786151	6	0.096	2.531645	0	1.943
656	Calibration	Ipswich	18	Penshurst Road	WB	Jan-15	ATC	No	0648-30274	30648	30274	39	39	0.047	Yes	Yes	33.67796	34	0.069	Yes	Yes	4.628921	5	0.174	0.632911	0	0.786
657	Calibration	Ipswich	19	Ashdown Way	EB	Jan-15	ATC	No	0273-30655	30273	30655	212	221	0.591	Yes	Yes	194.0492	204	0.700	Yes	Yes	14.78683	16	0.206	3.037974	1	1.392
658	Calibration	Ipswich	19	Ashdown Way	WB	Jan-15	ATC	No	0655-30273	30655	30273	219	217	0.080	Yes	Yes	184.6737	185	0.002	Yes	Yes	27.38778	27	0.066	6.455694	6	0.354
659	Calibration	Ipswich	21	Grove Hill	NB	Jan-15	ATC	No	0223-30203	30223	30203	196	120	6.014	No	Yes	172.3435	113	4.938	Yes	Yes	20.31582	6	4.060	3.41772	1	1.287
660	Calibration	Ipswich	21	Grove Hill	SB	Jan-15	ATC	No	0203-30223	30203	30223	74	21	7.660	No	Yes	67.94906	19	7.391	No	Yes	5.400407	2	1.917	0.759493	0	0.661
661	Calibration	Ipswich	22	Crane Hill	NB	Jan-15	ATC	No	0158-30381	30158	30381	502	475	1.237	Yes	Yes	442.0078	417	1.206	Yes	Yes	43.07468	41	0.336	16.96202	17	0.038
662	Calibration	Ipswich	22	Crane Hill	SB	Jan-15	ATC	No	0381-30158	30381	30158	725	773	1.757	Yes	Yes	656.4119	702	1.737	Yes	Yes	41.14596	45	0.545	27.0886	26	0.145
663	Calibration	Ipswich	23	Birkfield Drive	NB	Jan-15	ATC	No	0709-70297	30709	70297	112	109	0.216	Yes	Yes	102.0208	102	0.004	Yes	Yes	7.457706	7	0.166	2.025316	0	1.673
664	Calibration	Ipswich	23	Birkfield Drive	SB	Jan-15	ATC	No	0297-30709	70297	30709	198	197	0.071	Yes	Yes	186.2774	186	0.001	Yes	Yes	10.67223	11	0.103	1.518987	0	1.475
667	Calibration	Ipswich	25	Norwich Road	NB	Jan-15	ATC	No	0138-30137	30138	30137	700	1027	11.111	No	No	648.1466	973	11.403	No	No	29.83082	54	3.734	22.27847	0	6.675
668	Calibration	Ipswich	25	Norwich Road	SB	Jan-15	ATC	No	0137-30138	30137	30138	612	822	7.846	No	No	557.5985	766	8.110	No	No	38.44576	56	2.514	15.82278	0	5.625
669	Calibration	Ipswich	26	Bramford Road	EB	Jan-15	ATC	No	0142-30449	30142	30449	600	511	3.805	Yes	Yes	544.3987	477	2.975	Yes	Yes	36.64562	34	0.519	19.36708	0	6.224
670	Calibration	Ipswich	26	Bramford Road	WB	Jan-15	ATC	No	0449-30142	30449	30142	537	362	8.251	No	No	486.7884	340	7.245	No	No	37.93143	23	2.799	12.27848	0	4.955
671	Calibration	Ipswich	27	A1214 Yarmouth Road	NB	Jan-15	ATC	No	0080-20024	20080	20024	762	771	0.346	Yes	Yes	703.7831	715	0.421	Yes	Yes	39.60299	40	0.110	18.48101	16	0.563
672	Calibration	Ipswich	27	A1214 Yarmouth Road	SB	Jan-15	ATC	No	0024-20080	20024	20080	585	649	2.584	Yes	Yes	538.8474	597	2.447	Yes	Yes	33.43109	39	0.953	12.40506	13	0.031
673	Calibration	Ipswich	28	A1071 Handford Road	EB	Jan-15	ATC	No	0312-20016	20312	20016	261	224	2.365	Yes	Yes	237.3495	207	2.010	Yes	Yes	16.20122	15	0.361	7.34177	2	2.531
674	Calibration	Ipswich	28	A1071 Handford Road	WB	Jan-15	ATC	No	0016-20311	20016	20312	447	192	14.272	No	No	416.7185	170	14.384	No	No	21.85879	18	0.933	8.860757	4	1.820

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
675	Calibration	Ipswich	29	B1067 Bramford Road	NWB	Jan-15	ATC	No	0427-2002	30427	20025	300	300	0.030	Yes	Yes	279.4161	288	0.487	Yes	Yes	13.86676	9	1.373	6.835441	3	1.851
676	Calibration	Ipswich	29	B1067 Bramford Road	SEB	Jan-15	ATC	No	0025-3042	20025	30427	290	284	0.305	Yes	Yes	265.9696	266	0.009	Yes	Yes	13.75818	14	0.078	9.873415	5	1.974
677	Calibration	Ipswich	30	A1156 Norwich Road	NB	Jan-15	ATC	No	0028-2002	20028	20026	495	546	2.230	Yes	Yes	452.3703	501	2.224	Yes	Yes	23.01602	36	2.346	19.74683	9	2.718
678	Calibration	Ipswich	30	A1156 Norwich Road	SB	Jan-15	ATC	No	0026-2002	20026	20028	425	498	3.367	Yes	Yes	388.5919	451	3.029	Yes	Yes	29.3165	40	1.758	7.34177	7	0.014
679	Calibration	Ipswich	31	Valley Road	EB	Jan-15	ATC	No	0027-7032	20027	70320	496	545	2.179	Yes	Yes	445.462	481	1.635	Yes	Yes	37.67427	44	1.063	12.40506	20	1.909
680	Calibration	Ipswich	31	Valley Road	WB	Jan-15	ATC	No	0320-2002	70320	20027	567	596	1.222	Yes	Yes	514.0515	540	1.141	Yes	Yes	36.38846	39	0.364	16.07594	17	0.258
681	Calibration	Ipswich	32	Henley Road	NB	Jan-15	ATC	No	0334-3037	30334	30370	517	257	13.226	No	No	485.0614	241	12.829	No	No	25.2019	5	5.066	6.962023	11	1.325
682	Calibration	Ipswich	32	Henley Road	SB	Jan-15	ATC	No	0370-3033	30370	30334	357	306	2.808	Yes	Yes	327.2807	279	2.749	Yes	Yes	23.65893	8	4.002	5.949365	19	3.606
683	Validation	Ipswich	33	Valley Road	EB	Jan-15	ATC	No	0264-2004	20264	20047	840	1033	6.311	No	No	759.1728	935	6.033	No	No	59.2759	59	0.062	21.26582	39	3.274
684	Validation	Ipswich	33	Valley Road	WB	Jan-15	ATC	No	0047-2026	20047	20264	920	992	2.322	Yes	Yes	864.6478	910	1.521	Yes	Yes	39.98873	45	0.739	15.6962	37	4.210
685	Calibration	Ipswich	34	Westerfield Road	NB	Jan-15	ATC	No	0045-2004	20045	20046	607	206	19.914	No	No	192.5689	192	0.027	Yes	Yes	13.37244	13	0.078	401.2657	0	28.284
686	Calibration	Ipswich	34	Westerfield Road	SB	Jan-15	ATC	No	0046-2004	20046	20045	271	199	4.707	Yes	Yes	172.3374	173	0.043	Yes	Yes	92.96416	25	8.828	5.316454	0	2.832
687	Calibration	Ipswich	35	B1077 Westerfield Road	NB	Jan-15	ATC	No	0807-3033	30807	30333	190	249	3.977	Yes	Yes	172.3383	222	3.507	Yes	Yes	14.14392	26	2.606	3.670885	2	1.171
688	Calibration	Ipswich	35	B1077 Westerfield Road	SB	Jan-15	ATC	No	0333-3080	30333	30807	188	248	4.083	Yes	Yes	167.2622	215	3.473	Yes	Yes	15.55832	33	3.461	5.316454	1	2.718
689	Calibration	Ipswich	36	Colchester Road	EB	Jan-15	ATC	No	0252-2027	20252	20277	670	700	1.143	Yes	Yes	606.3267	630	0.936	Yes	Yes	53.10401	60	0.854	10.25316	10	0.073
690	Calibration	Ipswich	36	Colchester Road	WB	Jan-15	ATC	No	0277-2025	20277	20252	716	741	0.900	Yes	Yes	650.2437	669	0.736	Yes	Yes	46.93211	49	0.256	19.11392	23	0.791
691	Calibration	Ipswich	37	A1214 Woodbridge Road	EB	Jan-15	ATC	No	0298-3030	30298	30301	769	888	4.140	Yes	No	701.4862	828	4.588	Yes	No	49.63232	54	0.626	17.97468	6	3.550
692	Calibration	Ipswich	37	A1214 Woodbridge Road	WB	Jan-15	ATC	No	0301-3029	30301	30298	756	695	2.281	Yes	Yes	691.2103	644	1.832	Yes	Yes	43.84617	44	0.085	21.26582	7	3.935
693	Calibration	Ipswich	38	A1189 Heath Road	NB	Jan-15	ATC	No	0646-3029	30646	30293	832	863	1.069	Yes	Yes	764.8475	796	1.104	Yes	Yes	48.47509	50	0.241	18.48101	17	0.334
694	Calibration	Ipswich	38	A1189 Heath Road	SB	Jan-15	ATC	No	0293-3064	30293	30646	764	773	0.337	Yes	Yes	685.2787	696	0.391	Yes	Yes	57.99009	62	0.472	20.25316	16	1.084
695	Calibration	Ipswich	39	Foxhall Road	EB	Jan-15	ATC	No	0372-3039	30372	30394	504	219	14.947	No	No	466.502	193	15.045	No	No	29.44508	13	3.671	7.594934	14	1.819
696	Calibration	Ipswich	39	Foxhall Road	WB	Jan-15	ATC	No	0394-3037	30394	30372	706	621	3.301	Yes	Yes	643.1735	591	2.097	Yes	Yes	48.60367	14	6.151	14.30379	16	0.391
697	Calibration	Ipswich	Jn 1	1 Ransomes Way - Nacton Road from Ransomes W	0	Jan-15	MCC	No	0238-3023	30238	30237	761	754	0.238	Yes	Yes	712.5418	709	0.119	Yes	Yes	40.11731	36	0.726	8.101263	9	0.374
698	Calibration	Ipswich	Jn 1	1 Ransomes Way - Nacton Road from Bluestem Ro	0	Jan-15	MCC	No	0777-3023	30777	30237	464	465	0.056	Yes	Yes	410.5504	412	0.060	Yes	Yes	44.23191	44	0.005	9.113921	9	0.005
700	Calibration	Ipswich	Jn 1	Ransomes Way - Nacton Road from Ravenwood Av	0	Jan-15	MCC	No	0664-3023	30664	30237	395	398	0.192	Yes	Yes	376.0089	377	0.034	Yes	Yes	18.51568	19	0.132	0	3	2.277
701	Calibration	Ipswich	Jn 1	1 Ransomes Way - Nacton Road from Nacton Roa	0	Jan-15	MCC	No	0434-3023	30434	30237	766	759	0.276	Yes	Yes	679.9741	686	0.216	Yes	Yes	70.97678	73	0.228	15.18987	0	5.512
702	Calibration	Ipswich	Jn 2	nsomes Way N - Ransomes Way S from Ransomes	0	Jan-15	MCC	No	0256-3023	30256	30238	763	744	0.697	Yes	Yes	707.6073	691	0.616	Yes	Yes	51.43245	47	0.593	4.050632	5	0.602
704	Calibration	Ipswich	Jn 2	ansomes Way N - Ransomes Way S from Central A	0	Jan-15	MCC	No	0665-3023	30665	30238	426	424	0.129	Yes	Yes	395.7469	393	0.144	Yes	Yes	23.65893	24	0.068	7.088605	7	0.048
705	Calibration	Ipswich	Jn 2	nsomes Way N - Ransomes Way S from Ransomes	0	Jan-15	MCC	No	0237-3023	30237	30238	572	625	2.170	Yes	Yes	517.1356	567	2.161	Yes	Yes	45.26056	48	0.403	9.113921	9	0.000
707	Calibration	Ipswich	Jn 3	3 Felixstowe Road - Ransomes Way from Murrils Rd	0	Jan-15	MCC	No	0492-3025	30492	30256	459	449	0.444	Yes	Yes	429.8553	432	0.108	Yes	Yes	28.80217	17	2.497	0	0	0.679
708	Calibration	Ipswich	Jn 3	elixstowe Road - Ransomes Way from Felixstowe R	0	Jan-15	MCC	No	0496-3025	30496	30256	472	557	3.747	Yes	Yes	419.9508	488	3.197	Yes	Yes	50.4038	51	0.016	2.025316	19	5.199
711	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road from Rands Way	0	Jan-15	MCC	No	0249-3024	30249	30241	250	276	1.610	Yes	Yes	215.1442	224	0.626	Yes	Yes	34.97407	38	0.548	0	14	5.199
713	Calibration	Ipswich	Jn 4	n 4 Rands Way - Nacton Road from Landseer Road	0	Jan-15	MCC	No	0432-3024	30432	30241	474	464	0.435	Yes	Yes	425.3539	422	0.174	Yes	Yes	47.31786	42	0.856	1.012658	1	0.152
714	Calibration	Ipswich	Jn 4	n 4 Rands Way - Nacton Road from Nacton Road W	0	Jan-15	MCC	No	0436-3024	30436	30241	361	362	0.034	Yes	Yes	314.8211	321	0.338	Yes	Yes	46.28921	41	0.847	0	0	0.646
715	Calibration	Ipswich	Jn 5	n 5 Bixley Road - Felixstowe Road from Bixley Roa	0	Jan-15	MCC	No	0309-3025	70309	30253	1069	1073	0.096	Yes	Yes	979.0048	975	0.140	Yes	Yes	88.46382	90	0.114	2.025316	8	2.818
716	Calibration	Ipswich	Jn 5	Bixley Road - Felixstowe Road from Bucklesham R	0	Jan-15	MCC	No	0657-3025	30657	30253	204	184	1.385	Yes	Yes	170.7337	172	0.081	Yes	Yes	32.91677	12	4.320	0	0	0.646
718	Calibration	Ipswich	Jn 5	Bixley Road - Felixstowe Road from Felixstowe Roa	0	Jan-15	MCC	No	0251-3025	30251	30253	776	873	3.385	Yes	Yes	697.7383	817	4.317	Yes	No	76.12003	47	3.684	2.025316	9	3.079
719	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road from Heath Road	0	Jan-15	MCC	No	0311-3027	70311	30275	786	808	0.794	Yes	Yes	732.2798	729	0.117	Yes	Yes	51.43245	63	1.589	2.025316	16	4.563
720	Validation	Ipswich	Jn 6	n 6 Heath Road - Bixley Road from Foxhall Road E	0	Jan-15	MCC	No	0443-3027	30443	30275	468	312	7.912	No	No	419.4325	293	6.714	No	No	45.26056	11	6.578	3.037974	8	2.211
721	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road from Bixley Road	0	Jan-15	MCC	No	0310-3027	70310	30275	941	846	3.171	Yes	Yes	854.6554	786	2.412	Yes	Yes	85.37787	51	4.139	1.012658	9	3.700
722	Validation	Ipswich	Jn 6	n 6 Heath Road - Bixley Road from Foxhall Road W	0	Jan-15	MCC	No	0652-3027	30652	30275	465	293	8.822	No	No	442.1312	274	8.910	No	No	22.63028	19	0.814	0	1	1.043
723	Calibration	Ipswich	Jn 7	Woodbridge Road - Heath Road from Woodbridge Rd	0	Jan-15	MCC	No	0254-3029	20254	30296	830	840	0.338	Yes	Yes	773.7296	783	0.347	Yes	Yes	53.48975	54	0.010	3.037974	3	0.008
724	Calibration	Ipswich	Jn 7	n 7 Woodbridge Road - Heath Road from Heath Roa	0	Jan-15	MCC	No	0815-3029	30815	30296	1060	1098	1.172	Yes	Yes	971.1096	998	0.842	Yes	Yes	86.40652	88	0.177	2.025316	12	3.876
728	Calibration	Ipswich	Jn 8	odbridge Road - Colchester Road from Woodbridge	0	Jan-15	MCC	No	0278-3029	20278	30294	571	490	3.531	Yes	Yes	533.9129	437	4.411	Yes	Yes	29.83082	31	0.208	7.088605	22	3.872
729	Calibration	Ipswich	Jn 8	oodbridge Road - Colchester Road from Colchester	0	Jan-15	MCC	No	0253-3029	20253	30295	827	836	0.300	Yes	Yes	749.0571	765	0.562	Yes	Yes	75.09138	62	1.519	3.037974	9	2.381
731	Calibration	Ipswich	Jn 9	auldwell Hall Road - St John's Road from Freehold	0	Jan-15	MCC	No	0340-2028	20340	20280	114	113	0.122	Yes	Yes	103.6245	103	0.085	Yes	Yes	9.257841	10	0.089	1.012658	0	0.866
733	Calibration	Ipswich	Jn 9	uldwell Hall Road - St John's Road from Marlboroug	0	Jan-15	MCC	No	0281-2028	20281	20280	15	15	0.071	Yes	Yes	13.8166	14	0.063	Yes	Yes	1.028649	1	0.028	0	0	0.373
735	Calibration	Ipswich	Jn 10	uldwell Hall Road - Foxhall Road from Cauldwell H	0	Jan-15	MCC	No	0280-2007	20280	20077	243	240	0.149	Yes	Yes	217.118	215	0.171	Yes	Yes	24.68758	25	0.067	1.012658	1	0.138
736	Calibration	Ipswich	Jn 10	Cauldwell Hall Road - Foxhall Road from Foxhall R	0	Jan-15	MCC	No	0441-2007	30441	20077	307	318	0.635	Yes	Yes	287.1879	297	0.597	Yes	Yes	18.51568	20	0.264	1.012658	1	0.148
737	Calibration	Ipswich	Jn 10	D Cauldwell Hall Road - Foxhall Road from Derby R	0	Jan-15	MCC	No	0197-2007	70197	20077	278	229	3.061	Yes	Yes	241.7905	197	3.048	Yes	Yes	36.00272	32	0.655	0	0	0.679
739	Calibration	Ipswich	Jn 11	11 Felixstowe Road - Bishops Hill from Rosehill Ro	0	Jan-15	MCC	No	0144-3024	70144	30245	11	16	1.293	Yes	Yes	9.869	15	1.337	Yes	Yes	1.028649	1	0.038	0	0	0.384
740	Calibration	Ipswich	Jn 11	1 Felixstowe Road - Bishops Hill from Felixstowe R	0	Jan-15	MCC	No	0438-3024	30438	30245	248	238	0.591	Yes	Yes	226.0001	222	0.236	Yes	Yes	19.54433	15	1.076	2.025316	1	1.000
742	Calibration	Ipswich	Jn 11	11 Felixstowe Road - Bishops Hill from Bishops Hi	0	Jan-15	MCC	No	0001-3024	60001	30245	585	634	1.974	Yes	Yes	534.8998	576	1.752	Yes	Yes	49.37515	57	1.024	1.012658	1	0.017
743	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road from Duke Street	0	Jan-15	MCC	No	0093-3022	30093	30226	356	367	0.608	Yes	Yes	324.6901	336	0.648	Yes	Yes	27.77352	28	0.098	3.037974	2	0.460
744	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road from Myrtle Road	0	Jan-15	MCC	No	0135-3022	70135	30226	60	30	4.492	Yes	Yes	49.345	29	3.254	Yes	Yes	9.257841	1	3.893	1.012658	0	1.378
746	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road from Cliff Road	0	Jan-15	MCC	No	0094-3022	70094	30226	57	58	0.079	Yes	Yes	50.3319	54	0.472	Yes	Yes	4.114596	3	0.451	3.037974	1	1.355
748	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet from Fore Hamlet E	0	Jan-15	MCC	No	0760-2007	30760	20072	344	468	6.194	No	No	313.8342	442	6.603	No	No	28.80217	26	0.484	1.012658	0	1.423
749	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet from Duke Street	0	Jan-15	MCC	No	0001-2007	70001	20072	400	347	2.778	Yes	Yes	354.2971	297	3.202	Yes	Yes	38.06001	40	0.260	8.101263	11	0.804
755	Calibration	Ipswich	Jn 15	n 15 Hawes Street - Vernon Street from Felaw Stree	0	Jan-15	MCC	No	0063-3021	70063	30215	99	99	0.017	Yes	Yes	97.7031	98	0.008	Yes	Yes	1.028649	1	0.009	0	0	0.722
756	Calibration	Ipswich	Jn 15	n 15 Hawes Street - Vernon Street from Mather Way	0	Jan-15	MCC	No	0068-3021	70068	30215	101	86	1.528	Yes	Yes	99.6769	85	1.567	Yes	Yes	1.028649	1	0.069	0	0	0.653
758	Calibration	Ipswich	Jn 15	15 Hawes Street - Vernon Street from Vernon Stree	0	Jan-15	MCC	No	0019-3021	70019	30215	688	673	0.569	Yes	Yes	629.6422	621	0.365	Yes	Yes	49.37515	47	0.395	9.113921	6	1.086
759	Validation	Ipswich	Jn 16	16 Hawes Street - Station Street from Hawes Street	0	Jan-15	MCC	No	0215-3021	30215	30216	798	741	2.046	Yes	Yes	741.1619	688	1.971	Yes	Yes	52.4611	47	0.745	4.050632	5	0.555
760	Validation	Ipswich	Jn 16	n 16 Hawes Street - Station Street from Bath Street	0	Jan-15	MCC	No	0052-3021	70052	30216	183	161	1.694	Yes	Yes	161.8516	153	0.674	Yes	Yes	20.57298	7	3.662	1.012658	1	0.195
761	Validation	Ipswich	Jn 16	16 Hawes Street - Station Street from Hawes Street	0	Jan-15	MCC	No	0315-3021	70315	30216	748	724	0.889	Yes	Yes	643.4588	652	0.337	Yes	Yes	95.66436	69	2.884	9.113921	3	2.671
762	Validation	Ipswich	Jn 16	16 Hawes Street - Station Street from Station Stree	0	Jan-15	MCC	No	0043-3021	70043	30216	281	102	12.943	No	No	256.594	90	12.612	No	No	24.68758	10	3.597	0	2	1.931
768	Calibration	Ipswich	Jn 18	18 Belstead Road - Luther Road from Belstead Road	0	Jan-15	MCC	No	0211-3019	30211	30193	571	536	1.469	Yes	Yes	532.926	499	1.498	Yes	Yes	38.06001	37	0.103	0	0	0.417
769	Calibration	Ipswich	Jn 18	n 18 Belstead Road - Luther Road from Luther Road	0	Jan-15	MCC	No	0022-3019	70022	30193	310	306	0.232	Yes	Yes	282.2534	278	0.255	Yes	Yes	27.77352	28	0.039	0	0	0.000
771	Calibration	Ipswich	Jn 19	9 Belstead Road - Ancaster Road from Belstead Roa	0	Jan-15	MCC	No	0193-3070	30193	30703	631	647	0.649	Yes	Yes	579.3103	600	0.833	Yes	Yes	51.43245	48	0.556	0	0	0.417
772	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road from Oak Hill La	0	Jan-15	MCC	No	0704-3070	30704	30703	6	68	10.165	No	Yes	3.9476	65	10.419	No	Yes	2.057298	2	0.274	0	0	0.247
773	Calibration	Ipswich	Jn 19	9 Belstead Road - Ancaster Road from Belstead Roa	0	Jan-15	MCC	No	0192-3070	30192	30703	384	411	1.326	Yes	Yes	346.4019	372	1.335	Yes	Yes	38.06001	39	0.147	0	0	0.698
775	Calibration	Ipswich	Jn 20	Birkfield Drive - Stone Lodge Lane from Birkfield Dr	0	Jan-15	MCC	No	0173-3017	30173	30175	325	284	2.315	Yes	Yes	297.0569	267	1.773	Yes	Yes	27.77352	17	2.244	0	0	0.093
776	Calibration	Ipswich	Jn 20	rkfield Drive - Stone Lodge Lane from Stone Lodge	0	Jan-15	MCC	No	0190-3017	30190	30175	199	255	3.688	Yes	Yes	181.5896	229	3.290	Yes	Yes	17.48703	26	1.793	0	0	0.384
778	Calibration	Ipswich	Jn 20	kfield Drive - Stone Lodge Lane from Stone Lodge	0	Jan-15	MCC	No	0296-7029	70296	70297	143	167	1.994	Yes	Yes	129.2839	153	1.994	Yes	Yes	13.37244	14	0.223	0	0	0.797
779	Calibration	Ipswich	Jn 21	1 21 Princes Street - Burrell Road from Princes Stree	0	Jan-15	MCC	No	0318-3016	20318	30168	551	543	0.317	Yes	Yes	527.0046	533	0.256	Yes	Yes	23.65893	10	3.227	0	0	0.000
780	Calibration	Ipswich	Jn 21	n 21 Princes Street - Burrell Road from Burrell Road	0	Jan-15	MCC	No	0170-3016	30170	30168	360	279	4.523	Yes	Yes	332.5853	254	4.569	Yes	Yes	27.77352	25	0.510	0	0	0.000
781	Calibration	Ipswich	Jn 21	n 21 Princes Street - Burrell Road from Station Yard	0	Jan-15	MCC	No	0384-3016	30384	30168	93	54	4.548	Yes	Yes	89.8079	52	4.501	Yes	Yes	3.085947	2	0.674	0	0	0.000
782	Calibration	Ipswich	Jn 21	21 Princes Street - Burrell Road from Ranelagh Ro	0	Jan-15	MCC	No	0167-3016	30167	30168	494	626	5.580	No	No	452.0002	588	5.967	No	No	41.14596	38	0.476	1.012658	0	1.423
783	Calibration	Ipswich	Jn 22	22 Princes Street - Civic Drive from Princes Street	0	Jan-15	MCC	No	0036-1000	10036	10004	236	246	0.687	Yes	Yes	213.1704	223	0.680	Yes	Yes	21.60163	22	0.113	1.012658	1	0.089
784	Calibration	Ipswich	Jn 22	22 Princes Street - Civic Drive from Francisan Wa	0	Jan-15	MCC	No	0005-1000	10005	10004	462	416	2.191	Yes	Yes	426.3408	391	1.753	Yes	Yes	36.00272	25	2.000	0	0	0.552
785	Calibration	Ipswich	Jn 22	22 Princes Street - Civic Drive from Princes Street	0	Jan-15	MCC	No	0755-1000	30755	10004	539	546	0.288	Yes	Yes	512.2011	518	0.247	Yes	Yes	26.74488	28	0.200	0	0	0.384
786	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive from Civic Drive	0	Jan-15	MCC	No	0003-1000	10003	10004	487	492	0.240	Yes	Yes	451.0133	448	0.119	Yes	Yes	34.97407	43	1.296	1.012658	1	0.258
787	Calibration	Ipswich	Jn 23	n 23 Civic Drive - Handford Road from Civic Drive N	0	Jan-15	MCC	No	0001-1000	10001	10002	715	736	0.790	Yes	Yes	648.3933	665	0.663	Yes	Yes	63.77624	68	0.531	3.037974	3	0.017
788	Calibration	Ipswich	Jn 23	3 Civic Drive - Handford Road from Car Park Entra	0	Jan-15	MCC	No	0080-1000	10080	10002	84	89	0.491	Yes	Yes	80.9258	81	0.012	Yes	Yes	3.085947	5	1.021	0	3	2.278
789	Calibration	Ipswich	Jn 23	n 23 Civic Drive - Handford Road from Civic Drive S	0	Jan-15	MCC	No	0003-1000	10003	10002	988	982	0.187	Yes	Yes	933.6074	925	0.270	Yes	Yes	49.37515	57	0.993	5.06329	0	2.990
790	Calibration	Ipswich	Jn 23	3 Civic Drive - Handford Road from Handford Roa	0	Jan-15	MCC	No	0016-1000	20016	10002	576	353	10.345	No	No	533.9129	323	10.196	No	No	40.11731	28	2.037	2.025316	2	0.015
791	Calibration	Ipswich	Jn 24	Berner's Street - St Matthews Street from Berner's S	0	Jan-15	MCC	No	0306-1000	20306	10001	240	229	0.752	Yes	Yes	224.0263	216	0.572	Yes	Yes	16.45838	13	0.800	0	0	0.349
792	Calibration	Ipswich	Jn 24	ner's Street - St Matthews Street from St Matthews S	0	Jan-15	MCC	No	0031-1000	10031	10001	589	346	11.239	No	No	529.9653	309	10.768	No	No	55.54705	33	3.358	3.037974	3	0.023
793	Calibration	Ipswich	Jn 24	4 Berner's Street - St Matthews Street from Civic Dr	0	Jan-15	MCC	No	0002-1000	10002	10001	1318	1281	1.022	Yes	Yes	1240.533	1206	0.986	Yes	Yes	77.14868	74	0.382	0	1	1.386
794	Calibration	Ipswich	Jn 24	ner's Street - St Matthews Street from St Matthews	0	Jan-15	MCC	No	0022-1000	20022	10001	459	498	1.791	Yes	Yes	407.5897	436	1.394	Yes	Yes	51.43245	60	1.166	0	2	1.920
796	Calibration	Ipswich	Jn 25	Fonnereau Road - Crown Street from St Margarets S	0	Jan-15	MCC	No	0313-1002	70313	10027	549	573	1.010	Yes	Yes	498.3845	517	0.820	Yes	Yes	48.3465	54	0.779	2.025316	2	0.108
797	Calibration	Ipswich	Jn 25	5 Fonnereau Road - Crown Street from Northgate St	0	Jan-15	MCC	No	0067-1002	10067	10027	113	102	1.099	Yes	Yes	103.6245	91	1.261	Yes	Yes	9.257841	9	0.036	0	1	1.535
798	Calibration	Ipswich	Jn 25	25 Fonnereau Road - Crown Street from Crown Stre	0	Jan-15	MCC	No	0307-1002	70307	10028	536	497	1.728	Yes	Yes	485.5548	447	1.809	Yes	Yes	50.4038	50	0.057	0	0	0.626
799	Calibration	Ipswich	Jn 26	6 Grimwade Street - Fore Street from Grimwade Str	0	Jan-15	MCC	No	0111-1001	10111	10017	1462	1488	0.696	Yes	Yes	1336.263	1354	0.481	Yes	Yes	123.4379	132	0.746	2.025316	3	0.426

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
808	Calibration	Ipswich	Jn 28	28 Waterworks Street - Star Lane from Star Lane W	0	Jan-15	MCC	No	0068-1005	10068	10054	1160	1187	0.785	Yes	Yes	1079.669	1089	0.271	Yes	Yes	78.17733	96	1.938	2.025316	2	0.115
810	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street from Fore Street E	0	Jan-15	MCC	No	0106-1005	10106	10055	8	40	6.598	No	Yes	7.8952	38	6.342	No	Yes	0	2	1.908	0	0	0.295
811	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street from Star Lane S	0	Jan-15	MCC	No	0165-1005	70165	10055	1054	1336	8.158	No	No	980.9786	1230	7.490	No	No	70.97678	104	3.504	2.025316	2	0.164
812	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street from Fore Street W	0	Jan-15	MCC	No	0053-1006	10053	10068	139	60	7.868	No	Yes	129.2839	56	7.606	No	Yes	9.257841	4	2.033	0	0	0.295
816	Calibration	Ipswich	Jn 32	Lower Orwell Street - Key Street from Lower Orwell	0	Jan-15	MCC	No	0057-1001	10057	10013	154	1	17.385	No	No	149.0219	1	17.094	No	No	5.143245	0	3.170	0	0	0.093
817	Calibration	Ipswich	Jn 32	32 Lower Orwell Street - Key Street from Key Street	0	Jan-15	MCC	No	0119-1001	70119	10013	1079	922	4.951	Yes	Yes	977.031	851	4.164	Yes	Yes	92.57841	61	3.562	9.113921	10	0.174
819	Calibration	Ipswich	Jn 33	Foundation Street - Star Lane from Foundation Stre	0	Jan-15	MCC	No	0043-1004	10043	10042	149	57	9.107	No	Yes	143.1005	53	9.103	No	Yes	6.171894	4	1.052	0	0	0.264
824	Calibration	Ipswich	Jn 34	Upper Brook Street - Dogs Head Street from Tachet	0	Jan-15	MCC	No	0076-1004	10076	10045	105	73	3.361	Yes	Yes	98.69	57	4.674	Yes	Yes	6.171894	16	2.858	0	0	0.560
825	Calibration	Ipswich	Jn 34	per Brook Street - Dogs Head Street from Lower Bro	0	Jan-15	MCC	No	0132-1004	10132	10045	66	56	1.372	Yes	Yes	61.1878	51	1.332	Yes	Yes	4.114596	4	0.236	1.012658	1	0.277
827	Calibration	Ipswich	Jn 35	5 Warwick Road - St Helen's Street from Warwick R	0	Jan-15	MCC	No	0324-2006	20324	20069	71	75	0.459	Yes	Yes	68.0961	71	0.320	Yes	Yes	3.085947	4	0.632	0	0	0.295
829	Calibration	Ipswich	Jn 35	35 Warwick Road - St Helen's Street from Grove La	0	Jan-15	MCC	No	0073-2006	20073	20069	304	189	7.301	No	No	277.3189	178	6.610	No	Yes	25.71623	12	3.285	1.012658	0	1.051
830	Calibration	Ipswich	Jn 35	Warwick Road - St Helen's Street from St Helen's S	0	Jan-15	MCC	No	0454-2006	30454	20069	436	313	6.369	No	No	405.6159	290	6.224	No	No	30.85947	24	1.391	0	0	0.000
832	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street from Rope Walk	0	Jan-15	MCC	No	0102-1005	10102	10050	37	39	0.448	Yes	Yes	36.5153	38	0.163	Yes	Yes	0	2	1.876	0	0	0.000
833	Calibration	Ipswich	Jn 36	36 Bond Street - Eagle Street from Waterworks Stre	0	Jan-15	MCC	No	0264-1005	70264	10050	427	397	1.514	Yes	Yes	402.6552	375	1.384	Yes	Yes	23.65893	21	0.511	1.012658	0	1.423
834	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street from Eagle Street	0	Jan-15	MCC	No	0051-1005	10051	10050	78	2	12.085	No	Yes	75.0044	2	11.832	No	Yes	3.085947	0	2.460	0	0	0.000
835	Validation	Ipswich	Jn 37	Grimwalde Street - Rope Walk from Grimwade Stre	0	Jan-15	MCC	No	0020-1001	10020	10019	673	598	2.987	Yes	Yes	619.7732	545	3.107	Yes	Yes	51.43245	52	0.119	2.025316	1	0.978
839	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane from Foxhall Road	0	Jan-15	MCC	No	0282-2007	20282	20074	309	320	0.603	Yes	Yes	278.3058	288	0.593	Yes	Yes	28.80217	30	0.188	2.025316	2	0.215
840	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane from Back Hamlet	0	Jan-15	MCC	No	0762-2007	30762	20074	292	300	0.440	Yes	Yes	271.3975	276	0.294	Yes	Yes	20.57298	23	0.576	0	0	0.162
841	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane from Grove Lane	0	Jan-15	MCC	No	0073-2007	20073	20074	303	296	0.415	Yes	Yes	281.2665	274	0.432	Yes	Yes	21.60163	22	0.003	0	0	0.264
842	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road from Britannia Ro	0	Jan-15	MCC	No	0349-2007	20349	20078	88	87	0.168	Yes	Yes	78.952	78	0.146	Yes	Yes	9.257841	9	0.092	0	0	0.000
843	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road from Foxhall Road	0	Jan-15	MCC	No	0445-2007	30445	20078	469	503	1.522	Yes	Yes	430.2884	464	1.584	Yes	Yes	38.06001	39	0.177	1.012658	0	1.423
844	Calibration	Ipswich	Jn 39	n 39 Britannia Road - Foxhall Road from Dover Roa	0	Jan-15	MCC	No	0659-2007	30659	20078	35	35	0.046	Yes	Yes	31.5808	32	0.062	Yes	Yes	3.085947	3	0.044	0	0	0.000
845	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road from Foxhall Road	0	Jan-15	MCC	No	0441-2007	30441	20078	351	352	0.049	Yes	Yes	324.6901	323	0.104	Yes	Yes	26.74488	30	0.527	0	0	0.000
846	Calibration	Ipswich	Jn 40	Clapgate Lane - Landseer Road from Clapgate La	0	Jan-15	MCC	No	0088-3023	70088	30235	181	172	0.722	Yes	Yes	166.7861	167	0.007	Yes	Yes	14.40109	5	3.143	0	0	0.653
848	Calibration	Ipswich	Jn 40	Clapgate Lane - Landseer Road from Clapgate La	0	Jan-15	MCC	No	0376-3023	30376	30235	165	66	9.181	No	Yes	147.0481	61	8.380	No	Yes	17.48703	2	4.864	0	2	2.133
850	Calibration	Ipswich	Jn 41	Holywell's Road - Landseer Road from Holywell's R	0	Jan-15	MCC	No	0115-3022	70115	30227	408	399	0.445	Yes	Yes	366.1399	361	0.257	Yes	Yes	41.14596	37	0.621	1.012658	1	0.152
852	Calibration	Ipswich	Jn 41	Holywell's Road - Landseer Road from Landseer R	0	Jan-15	MCC	No	0228-3022	30228	30227	339	324	0.810	Yes	Yes	293.1093	276	0.988	Yes	Yes	31.88812	32	0.090	14.17721	16	0.390
854	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Levington Rd	0	Jan-15	MCC	No	0083-3024	70083	30244	30	195	15.587	No	No	27.6332	182	15.102	No	No	2.057298	12	3.808	0	0	0.646
855	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Nacton Road	0	Jan-15	MCC	No	0242-3024	30242	30244	240	344	6.080	No	No	208.2359	313	6.494	No	No	31.88812	31	0.234	0	0	0.000
856	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Clapgate La	0	Jan-15	MCC	No	0243-3024	30243	30244	185	261	5.089	No	Yes	164.8123	241	5.351	No	Yes	19.54433	20	0.006	1.012658	1	0.195
857	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road from Nacton Road	0	Jan-15	MCC	No	0437-3024	30437	30244	336	384	2.539	Yes	Yes	303.9652	347	2.403	Yes	Yes	31.88812	37	0.822	0	0	0.000
860	Calibration	Ipswich	Jn 43	Jn 43 A14 - Nacton Road from Nacton Road SE	0	Jan-15	MCC	No	0080-3007	30080	30079	228	213	1.011	Yes	Yes	181.5896	173	0.679	Yes	Yes	19.54433	19	0.044	27.34176	22	1.173
863	Calibration	Ipswich	Jn 44	Jn 44 A14 - Nacton Road from Nacton Road N	0	Jan-15	MCC	No	0079-3008	30079	30080	1504	1495	0.244	Yes	Yes	1348.105	1335	0.357	Yes	Yes	126.5238	130	0.337	29.36708	29	0.038
868	Calibration	Ipswich	Jn 45	45 Brunswick Road - Albion Hill from Woodbridge Rd	0	Jan-15	MCC	No	0057-2005	20057	20056	371	374	0.152	Yes	Yes	341.4674	344	0.149	Yes	Yes	29.83082	30	0.035	0	0	0.000
870	Calibration	Ipswich	Jn 45	Jn 45 Brunswick Road - Albion Hill from Albion Hill	0	Jan-15	MCC	No	0055-2005	20055	20056	474	487	0.560	Yes	Yes	433.2491	445	0.571	Yes	Yes	41.14596	41	0.041	0	0	0.295
871	Calibration	Ipswich	Jn 46	Rushmere Road - Woodbridge Road from Rushmere	0	Jan-15	MCC	No	0059-2005	20059	20058	174	197	1.619	Yes	Yes	154.9433	180	1.927	Yes	Yes	19.54433	17	0.675	0	0	0.000
872	Calibration	Ipswich	Jn 46	shmere Road - Woodbridge Road from Woodbridge	0	Jan-15	MCC	No	0084-2005	20084	20058	383	393	0.485	Yes	Yes	353.3102	362	0.472	Yes	Yes	29.83082	30	0.113	0	0	0.000
873	Calibration	Ipswich	Jn 46	shmere Road - Woodbridge Road from Cauldwell H	0	Jan-15	MCC	No	0065-2005	20065	20058	262	258	0.228	Yes	Yes	234.8822	231	0.271	Yes	Yes	26.74488	27	0.015	0	0	0.894
874	Calibration	Ipswich	Jn 46	shmere Road - Woodbridge Road from Woodbridge	0	Jan-15	MCC	No	0057-2005	20057	20058	617	619	0.077	Yes	Yes	571.4151	573	0.068	Yes	Yes	45.26056	45	0.013	0	0	0.597
875	Calibration	Ipswich	Jn 47	Jn 47 A137 - A14 from A137 N	0	Jan-15	MCC	No	0061-3006	30061	30062	731	727	0.165	Yes	Yes	649.346	649	0.009	Yes	Yes	70.97678	67	0.476	11.13924	11	0.081
881	Calibration	Ipswich	Jn 48	Jn 48 A137 - A14 from A137 S	0	Jan-15	MCC	No	0062-3006	30062	30061	921	902	0.631	Yes	Yes	839.1092	809	1.060	Yes	Yes	72.00543	82	1.106	10.12658	12	0.502
883	Calibration	Ipswich	Jn 49	Jn 49 Wherstead Road - A137 from Wherstead Road	0	Jan-15	MCC	No	0219-3022	30219	30220	1121	1058	1.916	Yes	Yes	1017.012	981	1.150	Yes	Yes	93.60706	72	2.379	10.12658	5	1.922
884	Calibration	Ipswich	Jn 49	Jn 49 Wherstead Road - A137 from The Strand	0	Jan-15	MCC	No	0691-3022	30691	30220	376	466	4.347	Yes	Yes	330.1089	420	4.622	Yes	Yes	43.20326	43	0.048	3.037974	3	0.011
887	Calibration	Ipswich	Jn 50	Wherstead Road - Bostock Road from Industrial Es	0	Jan-15	MCC	No	0783-3021	30783	30219	27	56	4.544	Yes	Yes	17.7642	41	4.282	Yes	Yes	4.114596	10	2.239	5.06329	5	0.058
888	Calibration	Ipswich	Jn 50	Wherstead Road - Bostock Road from Wherstead R	0	Jan-15	MCC	No	0220-3021	30220	30219	898	821	2.615	Yes	Yes	775.7034	729	1.712	Yes	Yes	109.0368	83	2.611	13.16455	9	1.234
891	Calibration	Ipswich	Jn 1	n 1 Ransomes Way - Nacton Road to Bluestem Roa	0	Jan-15	MCC	No	0237-3077	30237	30777	65	64	0.103	Yes	Yes	43.4236	43	0.077	Yes	Yes	16.45838	16	0.111	5.06329	5	0.057
893	Calibration	Ipswich	Jn 1	1 Ransomes Way - Nacton Road to Ravenwood Ave	0	Jan-15	MCC	No	0237-3066	30237	30664	585	586	0.073	Yes	Yes	549.7033	549	0.040	Yes	Yes	33.94542	34	0.016	1.012658	4	1.718
894	Calibration	Ipswich	Jn 1	Jn 1 Ransomes Way - Nacton Road to Nacton Road	0	Jan-15	MCC	No	0237-3043	30237	30434	820	730	3.234	Yes	Yes	691.8169	643	1.902	Yes	Yes	104.9222	87	1.798	23.29113	0	6.825
895	Calibration	Ipswich	Jn 2	ansomes Way N - Ransomes Way S to Ransomes W	0	Jan-15	MCC	No	0238-3025	30238	30256	896	965	2.269	Yes	Yes	817.1532	881	2.194	Yes	Yes	70.97678	75	0.493	8.101263	9	0.361
897	Calibration	Ipswich	Jn 2	Ransomes Way N - Ransomes Way S to Central Ave	0	Jan-15	MCC	No	0238-3066	30238	30665	108	108	0.004	Yes	Yes	91.7817	92	0.026	Yes	Yes	14.40109	14	0.112	2.025316	2	0.091
900	Calibration	Ipswich	Jn 3	3 Felixstowe Road - Ransomes Way to Murrils Roa	0	Jan-15	MCC	No	0256-3049	30256	30492	524	526	0.111	Yes	Yes	500.1773	502	0.075	Yes	Yes	23.65893	24	0.080	0	0	0.969
901	Calibration	Ipswich	Jn 3	Felixstowe Road - Ransomes Way to Felixstowe Ro	0	Jan-15	MCC	No	0256-3049	30256	30496	389	440	2.484	Yes	Yes	363.4952	399	1.802	Yes	Yes	22.63028	38	2.803	3.037974	3	0.022
904	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road to Rands Way	0	Jan-15	MCC	No	0241-3024	30241	30249	212	208	0.208	Yes	Yes	179.6158	181	0.116	Yes	Yes	31.88812	26	1.075	0	1	1.555
906	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road to Landseer Road	0	Jan-15	MCC	No	0241-3013	30241	30429	444	420	1.152	Yes	Yes	366.1999	362	0.195	Yes	Yes	62.74759	42	2.885	15.18987	16	0.163
907	Calibration	Ipswich	Jn 4	Jn 4 Rands Way - Nacton Road to Nacton Road W	0	Jan-15	MCC	No	0241-3043	30241	30436	452	397	2.676	Yes	Yes	395.7469	357	2.021	Yes	Yes	56.5757	40	2.321	0	0	0.646
908	Calibration	Ipswich	Jn 5	Jn 5 Bixley Road - Felixstowe Road to Bixley Road	0	Jan-15	MCC	No	0253-7030	30253	70309	1280	1285	0.145	Yes	Yes	1155.66	1187	0.911	Yes	Yes	123.4379	90	3.217	1.012658	8	3.365
909	Calibration	Ipswich	Jn 5	5 Bixley Road - Felixstowe Road to Bucklesham Ro	0	Jan-15	MCC	No	0253-3065	30253	30657	101	102	0.054	Yes	Yes	90.7948	91	0.069	Yes	Yes	10.28649	10	0.077	0	0	0.519
911	Calibration	Ipswich	Jn 5	5 Bixley Road - Felixstowe Road to Felixstowe Road	0	Jan-15	MCC	No	0253-3025	30253	30251	746	1005	8.752	No	No	645.4326	894	8.960	No	No	95.66436	82	1.442	5.06329	29	5.810
912	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Heath Road	0	Jan-15	MCC	No	0275-7031	30275	70311	825	916	3.068	Yes	Yes	747.0833	847	3.531	Yes	Yes	76.12003	52	3.012	2.025316	17	4.848
913	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Foxhall Road E	0	Jan-15	MCC	No	0275-3044	30275	30443	519	233	14.730	No	No	480.6203	206	14.821	No	No	37.03137	15	4.432	1.012658	13	4.428
914	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Bixley Road	0	Jan-15	MCC	No	0275-7031	30275	70310	896	753	4.974	Yes	No	827.0222	690	4.960	Yes	No	66.86219	58	1.061	2.025316	4	1.239
915	Validation	Ipswich	Jn 6	Jn 6 Heath Road - Bixley Road to Foxhall Road W	0	Jan-15	MCC	No	0275-3065	30275	30652	407	357	2.529	Yes	Yes	381.9303	338	2.320	Yes	Yes	23.65893	19	0.986	1.012658	0	1.128
916	Calibration	Ipswich	Jn 7	Woodbridge Road - Heath Road to Woodbridge Roa	0	Jan-15	MCC	No	0296-2025	30296	20254	1074	1105	0.940	Yes	Yes	998.7428	1028	0.904	Yes	Yes	75.09138	75	0.021	0	2	2.201
917	Calibration	Ipswich	Jn 7	Jn 7 Woodbridge Road - Heath Road to Heath Road	0	Jan-15	MCC	No	0296-3081	30296	30815	745	761	0.576	Yes	Yes	671.092	677	0.211	Yes	Yes	70.97678	75	0.440	3.037974	10	2.617
921	Calibration	Ipswich	Jn 8	oodbridge Road - Colchester Road to Woodbridge R	0	Jan-15	MCC	No	0294-2027	30294	20278	643	627	0.622	Yes	Yes	602.009	574	1.143	Yes	Yes	38.06001	42	0.664	3.037974	11	2.975
922	Calibration	Ipswich	Jn 8	Woodbridge Road - Colchester Road to Colchester R	0	Jan-15	MCC	No	0295-2025	30295	20253	923	770	5.242	No	No	843.7995	704	5.029	No	No	65.83354	43	3.070	13.16455	23	2.351
924	Calibration	Ipswich	Jn 9	Cauldwell Hall Road - St John's Road to Freehold R	0	Jan-15	MCC	No	0280-2034	20280	20340	168	156	0.920	Yes	Yes	144.0874	138	0.540	Yes	Yes	21.60163	18	0.760	2.025316	0	1.843
926	Calibration	Ipswich	Jn 9	auldwell Hall Road - St John's Road to Marlborough	0	Jan-15	MCC	No	0280-2028	20280	20281	89	92	0.307	Yes	Yes	80.9258	82	0.077	Yes	Yes	8.229192	9	0.097	0	2	1.972
928	Calibration	Ipswich	Jn 10	auldwell Hall Road - Foxhall Road to Cauldwell Ha	0	Jan-15	MCC	No	0077-2028	20077	20280	238	234	0.237	Yes	Yes	208.2359	204	0.289	Yes	Yes	29.83082	29	0.063	0	1	1.299
929	Calibration	Ipswich	Jn 10	Cauldwell Hall Road - Foxhall Road to Foxhall Ro	0	Jan-15	MCC	No	0077-3044	20077	30441	337	343	0.330	Yes	Yes	301.0045	304	0.193	Yes	Yes	36.00272	38	0.406	0	0	0.716
930	Calibration	Ipswich	Jn 10	10 Cauldwell Hall Road - Foxhall Road to Derby Ro	0	Jan-15	MCC	No	0077-7019	20077	70197	313	313	0.008	Yes	Yes	287.1879	287	0.023	Yes	Yes	24.68758	25	0.075	1.012658	1	0.138
932	Calibration	Ipswich	Jn 11	n 11 Felixstowe Road - Bishops Hill to Rosehill Roa	0	Jan-15	MCC	No	0245-7014	30245	70144	17	43	4.775	Yes	Yes	13.8166	39	4.915	Yes	Yes	3.085947	3	0.026	0	1	1.345
933	Calibration	Ipswich	Jn 11	11 Felixstowe Road - Bishops Hill to Felixstowe Ro	0	Jan-15	MCC	No	0245-3043	30245	30438	354	368	0.740	Yes	Yes	328.6377	342	0.728	Yes	Yes	24.68758	25	0.152	1.012658	1	0.021
935	Calibration	Ipswich	Jn 11	n 11 Felixstowe Road - Bishops Hill to Bishops Hill	0	Jan-15	MCC	No	0245-6000	30245	60001	333	329	0.206	Yes	Yes	305.939	303	0.143	Yes	Yes	24.68758	25	0.154	2.025316	0	2.013
936	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road to Duke Street	0	Jan-15	MCC	No	0226-7009	30226	70093	309	215	5.821	No	Yes	270.4106	166	7.061	No	No	32.91677	37	0.626	6.075947	12	2.088
937	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road to Myrtle Road	0	Jan-15	MCC	No	0226-7013	30226	70135	71	210	11.676	No	No	62.1747	204	12.284	No	No	6.171894	3	1.609	3.037974	3	0.104
939	Calibration	Ipswich	Jn 12	Jn 12 Duke Street - Cliff Road to Cliff Road	0	Jan-15	MCC	No	0226-7009	30226	70094	52	51	0.141	Yes	Yes	48.3581	48	0.109	Yes	Yes	3.085947	3	0.067	1.012658	1	0.148
940	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet to Back Hamlet	0	Jan-15	MCC	No	0072-3083	20072	30834	192	207	1.065	Yes	Yes	180.6027	191	0.740	Yes	Yes	11.31514	16	1.322	0	0	0.295
941	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet to Fore Hamlet E	0	Jan-15	MCC	No	0072-3078	20072	30760	484	579	4.089	Yes	Yes	442.1312	527	3.858	Yes	Yes	42.17461	52	1.364	0	0	0.000
942	Calibration	Ipswich	Jn 13	Jn 13 Back Hamlet - Fore Hamlet to Duke Street	0	Jan-15	MCC	No	0072-7000	20072	70001	321	339	0.989	Yes	Yes	292.1224	309	0.952	Yes	Yes	27.77352	28	0.033	1.012658	2	1.000
948	Calibration	Ipswich	Jn 15	Jn 15 Hawes Street - Vernon Street to Felaw Street	0	Jan-15	MCC	No	0215-7006	30215	70063	35	35	0.093	Yes	Yes	32.5677	33	0.007	Yes	Yes	2.057298	2	0.033	0	1	1.055
949	Calibration	Ipswich	Jn 15	Jn 15 Hawes Street - Vernon Street to Mather Way	0	Jan-15	MCC	No	0215-7006	30215	70068	3	4	0.373	Yes	Yes	2.9607	3	0.029	Yes	Yes	0	0	0.648	0	0	0.914
951	Calibration	Ipswich	Jn 15	n 15 Hawes Street - Vernon Street to Vernon Street	0	Jan-15	MCC	No	0215-7001	30215	70019	674	656	0.678	Yes	Yes	602.9959	597	0.226	Yes	Yes	61.71894	53	1.139	9.113921	6	1.221
952	Validation	Ipswich	Jn 16	n 16 Hawes Street - Station Street to Hawes Street N	0	Jan-15	MCC	No	0216-3021	30216	30215	610	578	1.300	Yes	Yes	535.8867	520	0.712	Yes	Yes	63.77624	53	1.375	10.12658	5	1.732
953	Validation	Ipswich	Jn 16	Jn 16 Hawes Street - Station Street to Bath Street	0	Jan-15	MCC	No	0216-7005	30216	70052	68	35	4.592	Yes	Yes	50.3319	28	3.483	Yes	Yes	16.45838	6	2.972	1.012658	0	1.387
954	Validation	Ipswich	Jn 16	16 Hawes Street - Station Street to Hawes Street S	0	Jan-15	MCC	No	0216-7031	30216	70315	991	886	3.413	Yes	Yes	914.8563	826	3.007	Yes	Yes	73.03408	55	2.266	3.037974	5	1.117
955	Validation	Ipswich	Jn 16	Jn 16 Hawes Street - Station Street to Station Street	0	Jan-15	MCC	No	0216-7004	30216	70043	338	229	6.502	No	No	298.0438	210	5.542	No	Yes	40.11731	19	3.899	0	0	0.209
961	Calibration	Ipswich	Jn 18	18 Belstead Road - Luther Road to Belstead Road	0	Jan-15	MCC	No	0193-3021	30193	30211	351	386	1.790	Yes	Yes	324.6901	358	1.788	Yes	Yes	26.74488	28	0.221	0	0	0.604
962	Calibration	Ipswich	Jn 18	Jn 18 Belstead Road - Luther Road to Luther Road	0	Jan-15	MCC	No	0193-7002	30193	70022	280	268	0.687	Yes	Yes	248.6988	240	0.541	Yes	Yes	30.85947	28	0.544	0	0	0.295
964	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road to Belstead Roa	0	Jan-15	MCC	No	0703-3019	30703	30193	388	459	3.420	Yes	Yes	349.3626	420	3.621	Yes	Yes	39.08866	38	0.140	0	0	0.679
965	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road to Oak Hill Lan	0	Jan-15	MCC	No	0703-3070	30703	30704	8	40	6.553	No	Yes	5.9214	37	6.732	No	Yes	2.057298	3	0.535	0	0	0.295
966	Calibration	Ipswich	Jn 19	19 Belstead Road - Ancaster Road to Belstead Roa	0	Jan-15	MCC	No	0703-3019	30703	30192	625	627	0.078	Yes	Yes	574.3758	579	0.187	Yes	Yes	50.4038	48	0.374	0	0	0.427
968	Calibration	Ipswich	Jn 20	20 Birkfield Drive - Stone Lodge Lane to Birkfield Driv	0	Jan-15	MCC	No	0175-3017	30175	30173	206	214	0.528	Yes	Yes	184.5503	201	1.208	Yes	Yes	21.60163	12	2.232	0	0	0.396

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
969	Calibration	Ipswich	Jn 20	Birkfield Drive - Stone Lodge Lane to Stone Lodge L	0	Jan-15	MCC	No	0175-3019	30175	30190	247	275	1.771	Yes	Yes	220.0787	247	1.775	Yes	Yes	26.74488	28	0.251	0	0	0.582
971	Calibration	Ipswich	Jn 20	Birkfield Drive - Stone Lodge Lane to Stone Lodge L	0	Jan-15	MCC	No	0297-7029	70297	70296	128	129	0.106	Yes	Yes	114.4804	116	0.125	Yes	Yes	13.37244	13	0.097	0	0	0.659
972	Calibration	Ipswich	Jn 21	Jn 21 Princes Street - Burrell Road to Princes Street	0	Jan-15	MCC	No	0168-2031	30168	20318	273	346	4.129	Yes	Yes	258.5678	333	4.305	Yes	Yes	14.40109	13	0.379	0	0	0.000
973	Calibration	Ipswich	Jn 21	Jn 21 Princes Street - Burrell Road to Burrell Road	0	Jan-15	MCC	No	0168-3017	30168	30170	570	537	1.392	Yes	Yes	530.9522	506	1.083	Yes	Yes	38.06001	31	1.203	1.012658	0	1.423
975	Calibration	Ipswich	Jn 21	Jn 21 Princes Street - Burrell Road to Ranelagh Roa	0	Jan-15	MCC	No	0168-3016	30168	30167	654	620	1.343	Yes	Yes	610.8911	588	0.926	Yes	Yes	43.20326	32	1.831	0	0	0.000
976	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Princes Street N	0	Jan-15	MCC	No	0004-1003	10004	10036	102	50	5.991	No	Yes	97.7031	45	8.175	No	Yes	4.114596	4	0.027	0	0	0.309
977	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Franciscan Way	0	Jan-15	MCC	No	0004-1000	10004	10005	346	436	4.535	Yes	Yes	323.7032	401	4.075	Yes	Yes	21.60163	34	2.284	1.012658	1	0.110
978	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Princes Street S	0	Jan-15	MCC	No	0004-3075	10004	30755	239	233	0.385	Yes	Yes	213.1704	209	0.311	Yes	Yes	24.68758	24	0.225	1.012658	1	0.317
979	Calibration	Ipswich	Jn 22	Jn 22 Princes Street - Civic Drive to Civic Drive	0	Jan-15	MCC	No	0004-1000	10004	10003	1037	982	1.727	Yes	Yes	968.1489	925	1.390	Yes	Yes	68.91949	57	1.555	0	0	0.646
981	Calibration	Ipswich	Jn 23	23 Civic Drive - Handford Road to Car Park Entranc	0	Jan-15	MCC	No	0002-1008	10002	10080	39	54	2.172	Yes	Yes	39.476	51	1.695	Yes	Yes	0	3	2.412	0	1	1.067
982	Calibration	Ipswich	Jn 23	Jn 23 Civic Drive - Handford Road to Civic Drive S	0	Jan-15	MCC	No	0002-1000	10002	10003	521	613	3.844	Yes	Yes	463.843	548	3.731	Yes	Yes	56.5757	63	0.812	1.012658	2	1.051
983	Calibration	Ipswich	Jn 23	Jn 23 Civic Drive - Handford Road to Handford Road	0	Jan-15	MCC	No	0002-2001	10002	20016	359	212	8.707	No	No	332.5853	190	8.848	No	No	22.63028	19	0.895	4.050632	4	0.069
984	Calibration	Ipswich	Jn 24	4 Berner's Street - St Matthews Street to Berner's St	0	Jan-15	MCC	No	0001-2030	10001	20306	617	409	9.184	No	No	588.1924	398	8.571	No	No	28.80217	11	3.974	0	0	0.295
985	Calibration	Ipswich	Jn 24	rner's Street - St Matthews Street to St Matthews St	0	Jan-15	MCC	No	0001-1003	10001	10031	650	602	1.915	Yes	Yes	595.1007	548	1.990	Yes	Yes	54.5184	53	0.155	0	1	1.265
987	Calibration	Ipswich	Jn 24	rner's Street - St Matthews Street to St Matthews S	0	Jan-15	MCC	No	0001-2002	10001	20022	609	607	0.101	Yes	Yes	557.5985	556	0.047	Yes	Yes	50.4038	48	0.348	1.012658	2	0.866
989	Calibration	Ipswich	Jn 25	5 Fonnereau Road - Crown Street to St Margarets St	0	Jan-15	MCC	No	0027-7031	10027	70313	745	721	0.881	Yes	Yes	678.9872	656	0.883	Yes	Yes	65.83354	64	0.178	0	0	0.899
991	Calibration	Ipswich	Jn 25	n 25 Fonnereau Road - Crown Street to Crown Stree	0	Jan-15	MCC	No	0028-7030	10028	70307	480	454	1.162	Yes	Yes	432.2622	405	1.318	Yes	Yes	46.28921	48	0.226	1.012658	1	0.294
995	Calibration	Ipswich	Jn 26	n 26 Grimwade Street - Fore Street to Fore Street W	0	Jan-15	MCC	No	0061-1010	10061	10108	1192	1179	0.363	Yes	Yes	1078.682	1066	0.381	Yes	Yes	102.8649	102	0.075	10.12658	11	0.229
1005	Calibration	Ipswich	Jn 29	Jn 29 Star Lane - Fore Street to Fore Street W	0	Jan-15	MCC	No	0068-1005	10068	10053	48	250	16.587	No	No	41.4498	236	16.525	No	No	6.171894	13	2.292	0	0	0.987
1006	Calibration	Ipswich	Jn 31	Jn 31 Slade Street - Key Street to Slade Street	0	Jan-15	MCC	No	0014-1005	10014	10056	109	460	20.823	No	No	102.6376	430	20.055	No	No	5.143245	29	5.840	1.012658	1	0.427
1008	Calibration	Ipswich	Jn 31	Jn 31 Slade Street - Key Street to Key Street W	0	Jan-15	MCC	No	0014-7000	10014	70008	1120	929	5.967	No	No	1032.297	858	5.686	No	No	78.17733	61	1.998	9.113921	10	0.174
1011	Calibration	Ipswich	Jn 32	32 Lower Orwell Street - Key Street to Key Street W	0	Jan-15	MCC	No	0013-1001	10013	10012	1233	923	9.434	No	No	1126.053	852	8.709	No	No	97.72166	61	4.077	9.113921	10	0.176
1012	Calibration	Ipswich	Jn 33	33 Foundation Street - Star Lane to Foundation Stree	0	Jan-15	MCC	No	0042-1004	10042	10043	88	245	12.169	No	No	79.9389	230	12.036	No	No	7.200543	15	2.234	1.012658	1	0.000
1013	Calibration	Ipswich	Jn 33	Jn 33 Foundation Street - Star Lane to Star Lane E	0	Jan-15	MCC	No	0042-1009	10042	10094	1187	919	8.262	No	No	1102.367	837	8.515	No	No	83.32057	80	0.390	1.012658	2	0.561
1014	Calibration	Ipswich	Jn 33	33 Foundation Street - Star Lane to Foundation Stree	0	Jan-15	MCC	No	0042-7011	10042	70118	0	0	0.800	Yes	Yes	0	0	0.775	Yes	Yes	0	0	0.200	0	0	0.000
1016	Calibration	Ipswich	Jn 34	pper Brook Street - Dogs Head Street to Upper Broo	0	Jan-15	MCC	No	0045-1011	10045	10118	144	0	16.955	No	No	127.3101	0	15.957	No	No	14.40109	0	5.367	2.025316	0	2.013
1017	Calibration	Ipswich	Jn 34	Upper Brook Street - Dogs Head Street to Tachet St	0	Jan-15	MCC	No	0045-1007	10045	10076	62	62	0.096	Yes	Yes	57.2402	57	0.077	Yes	Yes	4.114596	4	0.017	1.012658	1	0.143
1018	Calibration	Ipswich	Jn 34	pper Brook Street - Dogs Head Street to Lower Broo	0	Jan-15	MCC	No	0045-1013	10045	10132	48	73	3.176	Yes	Yes	47.3712	57	1.386	Yes	Yes	1.028649	16	5.053	0	0	0.560
1020	Calibration	Ipswich	Jn 35	35 Warwick Road - St Helen's Street to Warwick Ro	0	Jan-15	MCC	No	0069-2032	20069	20324	55	56	0.088	Yes	Yes	50.3319	51	0.078	Yes	Yes	5.143245	5	0.041	0	0	0.626
1022	Calibration	Ipswich	Jn 35	35 Warwick Road - St Helen's Street to Grove Lan	0	Jan-15	MCC	No	0069-2007	20069	20073	311	129	12.288	No	No	290.1486	119	11.961	No	No	20.57298	10	2.853	0	0	0.264
1023	Calibration	Ipswich	Jn 35	5 Warwick Road - St Helen's Street to St Helen's St	0	Jan-15	MCC	No	0069-3045	20069	30454	446	298	7.679	No	No	403.6421	270	7.288	No	No	42.17461	28	2.419	0	0	0.132
1024	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street to Bond Street	0	Jan-15	MCC	No	0050-7012	10050	70125	521	416	4.872	Yes	No	496.4107	396	4.770	Yes	No	23.65893	20	0.788	1.012658	0	1.423
1025	Calibration	Ipswich	Jn 36	Jn 36 Bond Street - Eagle Street to Rope Walk	0	Jan-15	MCC	No	0050-1010	10050	10102	21	21	0.037	Yes	Yes	17.7642	18	0.015	Yes	Yes	3.085947	3	0.061	0	0	0.000
1029	Validation	Ipswich	Jn 37	n 37 Grimwalde Street - Rope Walk to Rope Walk E	0	Jan-15	MCC	No	0019-7020	10019	70201	11	0	4.660	Yes	Yes	10.8559	0	4.660	Yes	Yes	0	0	0.000	0	0	0.000
1030	Validation	Ipswich	Jn 37	7 Grimwalde Street - Rope Walk to Grimwade Stree	0	Jan-15	MCC	No	0019-1010	10019	10104	646	581	2.593	Yes	Yes	592.14	529	2.656	Yes	Yes	51.43245	51	0.025	2.025316	1	0.978
1031	Validation	Ipswich	Jn 37	n 37 Grimwalde Street - Rope Walk to Rope Walk W	0	Jan-15	MCC	No	0019-1010	10019	10102	17	17	0.051	Yes	Yes	16.7773	16	0.310	Yes	Yes	0	1	1.442	0	0	0.000
1032	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane to Foxhall Road	0	Jan-15	MCC	No	0074-2028	20074	20282	495	495	0.016	Yes	Yes	459.8954	457	0.115	Yes	Yes	34.97407	37	0.344	0	0	0.295
1033	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane to Back Hamlet	0	Jan-15	MCC	No	0074-3076	20074	30762	62	62	0.104	Yes	Yes	57.2402	57	0.074	Yes	Yes	4.114596	4	0.057	1.012658	1	0.148
1034	Calibration	Ipswich	Jn 38	Jn 38 Foxhall Road - Grove Lane to Grove Lane	0	Jan-15	MCC	No	0074-2007	20074	20073	347	359	0.653	Yes	Yes	313.8342	324	0.596	Yes	Yes	31.88812	34	0.308	1.012658	1	0.148
1035	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road to Britannia Roa	0	Jan-15	MCC	No	0078-2034	20078	20349	84	113	2.925	Yes	Yes	74.0175	103	3.065	Yes	Yes	10.28649	11	0.079	0	0	0.000
1036	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road to Foxhall Road	0	Jan-15	MCC	No	0078-3044	20078	30445	380	380	0.026	Yes	Yes	347.3888	344	0.170	Yes	Yes	32.91677	36	0.452	0	0	0.000
1037	Calibration	Ipswich	Jn 39	Jn 39 Britannia Road - Foxhall Road to Dover Road	0	Jan-15	MCC	No	0078-3065	20078	30659	48	47	0.081	Yes	Yes	43.4236	43	0.066	Yes	Yes	4.114596	4	0.062	0	0	0.000
1038	Calibration	Ipswich	Jn 39	39 Britannia Road - Foxhall Road to Foxhall Road	0	Jan-15	MCC	No	0078-3044	20078	30441	432	437	0.249	Yes	Yes	400.6814	406	0.270	Yes	Yes	29.83082	31	0.142	1.012658	0	1.423
1039	Calibration	Ipswich	Jn 40	40 Clapgate Lane - Landseer Road to Clapgate Lane	0	Jan-15	MCC	No	0235-7008	30235	70088	142	134	0.650	Yes	Yes	127.3101	127	0.001	Yes	Yes	14.40109	6	2.499	0	0	0.923
1041	Calibration	Ipswich	Jn 40	40 Clapgate Lane - Landseer Road to Clapgate Lane	0	Jan-15	MCC	No	0235-3037	30235	30376	183	87	8.317	No	Yes	164.8123	84	7.204	No	Yes	18.51568	2	5.104	0	0	0.582
1043	Calibration	Ipswich	Jn 41	41 Holywells Road - Landseer Road to Holywells Ro	0	Jan-15	MCC	No	0227-7011	30227	70115	341	339	0.105	Yes	Yes	289.1617	287	0.138	Yes	Yes	37.03137	37	0.055	15.18987	16	0.186
1045	Calibration	Ipswich	Jn 41	41 Holywells Road - Landseer Road to Landseer Rd	0	Jan-15	MCC	No	0227-3022	30227	30228	317	317	0.016	Yes	Yes	281.2665	279	0.161	Yes	Yes	36.00272	38	0.268	0	1	1.255
1047	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Levington Roa	0	Jan-15	MCC	No	0244-7008	30244	70083	33	182	14.421	No	No	29.607	166	13.790	No	No	3.085947	15	4.042	0	1	1.285
1048	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Nacton Road	0	Jan-15	MCC	No	0244-3024	30244	30242	360	352	0.439	Yes	Yes	320.7425	318	0.163	Yes	Yes	38.06001	34	0.728	1.012658	0	1.423
1049	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Clapgate Lan	0	Jan-15	MCC	No	0244-3024	30244	30243	217	460	13.204	No	No	198.3669	430	13.062	No	No	18.51568	30	2.274	0	0	0.646
1050	Validation	Ipswich	Jn 42	42 Levington Road - Nacton Road to Nacton Road	0	Jan-15	MCC	No	0244-3043	30244	30437	182	190	0.646	Yes	Yes	155.9302	170	1.108	Yes	Yes	25.71623	20	1.112	0	0	0.000
1061	Calibration	Ipswich	Jn 45	45 Brunswick Road - Albion Hill to Woodbridge Roa	0	Jan-15	MCC	No	0056-2005	20056	20057	506	506	0.016	Yes	Yes	464.8299	466	0.048	Yes	Yes	41.14596	40	0.106	0	0	0.000
1063	Calibration	Ipswich	Jn 45	Jn 45 Brunswick Road - Albion Hill to Albion Hill	0	Jan-15	MCC	No	0056-2005	20056	20055	322	331	0.492	Yes	Yes	293.1093	302	0.491	Yes	Yes	28.80217	29	0.072	0	0	0.295
1064	Calibration	Ipswich	Jn 46	Rushmere Road - Woodbridge Road to Rushmere R	0	Jan-15	MCC	No	0058-2005	20058	20059	172	250	5.332	No	Yes	156.9171	233	5.470	No	Yes	15.42974	17	0.358	0	0	0.000
1065	Calibration	Ipswich	Jn 46	ushmere Road - Woodbridge Road to Woodbridge R	0	Jan-15	MCC	No	0058-2008	20058	20084	419	421	0.123	Yes	Yes	388.8386	392	0.151	Yes	Yes	29.83082	29	0.085	0	0	0.000
1066	Calibration	Ipswich	Jn 46	ushmere Road - Woodbridge Road to Cauldwell Ha	0	Jan-15	MCC	No	0058-2006	20058	20065	254	255	0.059	Yes	Yes	226.987	227	0.018	Yes	Yes	26.74488	28	0.200	0	0	0.597
1067	Calibration	Ipswich	Jn 46	ushmere Road - Woodbridge Road to Woodbridge R	0	Jan-15	MCC	No	0058-2005	20058	20057	589	540	2.067	Yes	Yes	539.8343	494	2.013	Yes	Yes	49.37515	46	0.543	0	0	0.894
1077	Calibration	Ipswich	Jn 49	Jn 49 Wherstead Road - A137 to The Strand	0	Jan-15	MCC	No	0220-3069	30220	30691	598	597	0.046	Yes	Yes	536.6741	535	0.051	Yes	Yes	59.66164	60	0.008	2.025316	2	0.076
1080	Calibration	Ipswich	Jn 50	50 Wherstead Road - Bostock Road to Industrial Est	0	Jan-15	MCC	No	0219-3078	30219	30783	14	18	0.911	Yes	Yes	4.9345	6	0.604	Yes	Yes	0	2	2.140	9.113921	9	0.032
1093	Calibration	Ipswich	In G1	Gyr01-1 From Woodbridge Rd (A)	0	Jan-15	MCC	No	0321-1002	70321	10021	174	180	0.471	Yes	Yes	153.9564	159	0.409	Yes	Yes	19.54433	21	0.255	0	0	0.000
1094	Calibration	Ipswich	In G1	Gyr01-1 To Woodbridge Rd (A)	0	Jan-15	MCC	No	0021-7032	10021	70321	562	562	0.000	Yes	Yes	521.0832	522	0.034	Yes	Yes	41.14596	40	0.120	0	0	0.000
1095	Calibration	Ipswich	In G1	Gyr01-2 From Argyle Street	0	Jan-15	MCC	No	0021-1002	10021	10020	879	882	0.122	Yes	Yes	797.4152	800	0.082	Yes	Yes	81.26327	82	0.049	0	1	1.306
1096	Calibration	Ipswich	In G1	Gyr01-2 From St Helens Street E	0	Jan-15	MCC	No	0202-1002	70202	10020	563	576	0.541	Yes	Yes	506.2797	521	0.646	Yes	Yes	56.5757	55	0.234	0	0	0.000
1097	Calibration	Ipswich	In G1	Gyr01-2 To St Helens Street E	0	Jan-15	MCC	No	0020-7020	10020	70202	376	369	0.404	Yes	Yes	340.4805	333	0.408	Yes	Yes	36.00272	36	0.054	0	0	0.000
1099	Calibration	Ipswich	In G1	Gyr01-2 To St Helens Street W	0	Jan-15	MCC	No	0020-1010	10020	10100	402	491	4.252	Yes	Yes	355.284	443	4.384	Yes	Yes	46.28921	49	0.330	0	0	0.000
1100	Calibration	Ipswich	In G1	Gyr01-3 From Orchard Street	0	Jan-15	MCC	No	0101-1010	10101	10100	93	94	0.116	Yes	Yes	86.8472	88	0.129	Yes	Yes	6.171894	6	0.033	0	0	0.000
1102	Calibration	Ipswich	In G1	Gyr 01-5 From St Helens Street E	0	Jan-15	MCC	No	0049-1004	10049	10048	1008	1001	0.203	Yes	Yes	934.5943	927	0.261	Yes	Yes	72.00543	75	0.295	1.012658	0	1.423
1103	Calibration	Ipswich	In G1	Gyr 01-5 From Upper Orwell Street	0	Jan-15	MCC	No	0126-1004	10126	10048	143	231	6.394	No	Yes	134.2184	218	6.325	No	Yes	9.257841	12	0.795	0	1	1.377
1104	Calibration	Ipswich	In G1	Gyr 01-5 To Upper Orwell Street	0	Jan-15	MCC	No	0048-1012	10048	10126	64	77	1.498	Yes	Yes	59.214	71	1.464	Yes	Yes	5.143245	6	0.330	0	0	0.000
1105	Calibration	Ipswich	In G1	Gyr 01-5 To Old Foundry Road	0	Jan-15	MCC	No	0048-1006	10048	10063	103	103	0.024	Yes	Yes	98.69	99	0.031	Yes	Yes	4.114596	4	0.057	0	0	0.295
1106	Calibration	Ipswich	In G1	Gyr 01-5 To St Helens Street W	0	Jan-15	MCC	No	0048-1004	10048	10047	984	1052	2.137	Yes	Yes	910.9087	975	2.080	Yes	Yes	72.00543	76	0.515	1.012658	1	0.111
1109	Calibration	Ipswich	In G1	Gyr01-9 From Woodbridge Road W	0	Jan-15	MCC	No	0022-1011	10022	10113	1413	1330	2.236	Yes	Yes	1304.682	1224	2.281	Yes	Yes	106.9795	105	0.148	1.012658	1	0.166
1126	Calibration	Ipswich	In G3	Gyr03-3 From Commercial Road E	0	Jan-15	MCC	No	0001-2000	20001	20005	1065	951	3.562	Yes	Yes	996.769	895	3.321	Yes	Yes	58.633	46	1.732	9.113921	11	0.499
1129	Calibration	Ipswich	In G3	Gyr03-3 To Commercial Road W	0	Jan-15	MCC	No	0005-2000	20005	20006	793	755	1.360	Yes	Yes	730.306	695	1.308	Yes	Yes	51.43245	49	0.358	11.13924	11	0.118
1130	Calibration	Ipswich	In G3	Gyr 03-4 To West End Road	0	Jan-15	MCC	No	0006-2000	20006	20009	420	424	0.206	Yes	Yes	381.9303	386	0.212	Yes	Yes	28.80217	29	0.013	9.113921	9	0.003
1131	Calibration	Ipswich	In G3	Gyr 03-4 From West End Road	0	Jan-15	MCC	No	0009-2000	20009	20008	310	287	1.333	Yes	Yes	262.5154	245	1.096	Yes	Yes	44.23191	39	0.877	3.037974	3	0.048
1132	Calibration	Ipswich	In G3	Gyr 03-5 To Russell Road	0	Jan-15	MCC	No	0007-2001	20007	20011	101	97	0.380	Yes	Yes	90.7948	88	0.281	Yes	Yes	9.257841	8	0.337	1.012658	1	0.138
1133	Calibration	Ipswich	In G3	Gyr 03-5 From Russell Road	0	Jan-15	MCC	No	0011-2000	20011	20007	190	187	0.193	Yes	Yes	179.6158	177	0.180	Yes	Yes	10.28649	10	0.087	0	0	0.264
1134	Calibration	Ipswich	In G3	Gyr 03-6 From Princes St N	0	Jan-15	MCC	No	0003-2000	20003	20004	350	333	0.910	Yes	Yes	329.6246	314	0.848	Yes	Yes	19.54433	18	0.345	1.012658	1	0.124
1135	Calibration	Ipswich	In G3	Gyr 03-6 To Princes St N	0	Jan-15	MCC	No	0004-2000	20004	20003	283	273	0.631	Yes	Yes	257.5809	248	0.634	Yes	Yes	24.68758	24	0.072	1.012658	1	0.097
1136	Calibration	Ipswich	In G3	Gyr 03-6 To Chancery Road E	0	Jan-15	MCC	No	0004-2001	20004	20002	887	842	1.543	Yes	Yes	815.1794	771	1.582	Yes	Yes	66.86219	66	0.129	5.06329	5	0.108
1137	Calibration	Ipswich	In G3	Gyr 03-6 From Chancery Road W	0	Jan-15	MCC	No	0343-2000	20343	20004	820	781	1.383	Yes	Yes	743.1357	704	1.464	Yes	Yes	72.00543	72	0.003	5.06329	5	0.115
1150	Calibration	ury St. Edmund	1	JTC 1_A-In	0	Jan-16	MCC	No	2304-2107	2304	2107	1107	899	6.568	No	No	1010	803	6.875	No	No	86	86	0.042	11	10	0.186
1151	Calibration	ury St. Edmund	1	JTC 1_A-Out	0	Jan-16	MCC	No	2107-2304	2107	2304	1138	999	4.254	Yes	Yes	1037	917	3.851	Yes	Yes	89	70	2.136	12	12	0.098
1153	Calibration	ury St. Edmund	1	JTC 1_B-Out	0	Jan-16	MCC	No	2102-2103	2102	2103	633	635	0.070	Yes	Yes	574	581	0.287	Yes	Yes	50	45	0.757	9	9	0.030
1154	Calibration	ury St. Edmund	1	JTC 1_C-In	0	Jan-16	MCC	No	2110-2100	2110	2100	1280	1441	4.370	Yes	Yes	1169	1296	3.620	Yes	Yes	89	117	2.775	22	28	1.181
1155	Calibration	ury St. Edmund	1	JTC 1_C-Out	0	Jan-16	MCC	No	2100-2110	2100	2110	1232	1228	0.107	Yes	Yes	1078	1074	0.112	Yes	Yes	128	129	0.056	26	25	0.139
1157	Calibration	ury St. Edmund	1	JTC 1_D-Out	0	Jan-16	MCC	No	2099-2097	2099	2097	751	676	2.804	Yes	Yes	668	635	1.301	Yes	Yes	61	20	6.437	22	21	0.155
1161	Calibration	ury St. Edmund	2	JTC 2_B-Out	0	Jan-16	MCC	No	2088-2091	2088	2091	975	955	0.657	Yes	Yes	846	829	0.572	Yes	Yes	94	91	0.319	35	34	0.133
1164	Calibration	ury St. Edmund	2	JTC 2_D-In	0	Jan-16	MCC	No	5819-5820	5819	5820	445	445	0.011	Yes	Yes	407	407	0.015	Yes	Yes	35	35	0.002	3	3	0.028
1165	Calibration	ury St. Edmund	2	JTC 2_D-Out	0	Jan-16	MCC	No	5820-5819	5820	5819	296	297	0.087	Yes	Yes	257	257	0.010	Yes	Yes	39	39	0.003	0	1	1.644
1167	Calibration	ury St. Edmund	2	JTC 2_E-Out	0	Jan-16	MCC	No	2083-2084	2083	2084	438	504	3.041	Yes	Yes	360	426	3.308	Yes	Yes	49	49	0.050	29	30	0.147
1171	Calibration	ury St. Edmund	3	JTC 3_B-Out	0	Jan-16	MCC	No	2197-2204	2197	2204	599	542	2.391	Yes	Yes	532	517	0.661	Yes	Yes	60	18	6.711	7	7	0.018

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1173	Calibration	ury St. Edmund	3	JTC 3_C-Out	0	Jan-16	MCC	No	2200-2205	2200	2205	610	609	0.021	Yes	Yes	553	551	0.099	Yes	Yes	54	54	0.010	3	5	0.882
1177	Calibration	ury St. Edmund	3	JTC 3_E-Out	0	Jan-16	MCC	No	2195-2193	2195	2193	518	531	0.550	Yes	Yes	470	473	0.117	Yes	Yes	35	35	0.064	13	23	2.289
1178	Validation	ury St. Edmund	4	JTC 4_A-In	0	Jan-16	MCC	No	2094-2080	2094	2080	550	535	0.656	Yes	Yes	502	461	1.877	Yes	Yes	45	57	1.713	3	17	4.355
1179	Validation	ury St. Edmund	4	JTC 4_A-Out	0	Jan-16	MCC	No	2080-2094	2080	2094	583	463	5.239	No	No	524	413	5.141	No	No	49	44	0.748	10	7	1.197
1180	Validation	ury St. Edmund	4	JTC 4_B-In	0	Jan-16	MCC	No	2081-2080	2081	2080	807	850	1.492	Yes	Yes	706	739	1.241	Yes	Yes	90	91	0.101	11	20	2.201
1181	Validation	ury St. Edmund	4	JTC 4_B-Out	0	Jan-16	MCC	No	2080-2081	2080	2081	1111	1116	0.150	Yes	Yes	1014	1007	0.205	Yes	Yes	91	88	0.340	6	21	4.032
1182	Validation	ury St. Edmund	4	JTC 4_C-In	0	Jan-16	MCC	No	2249-2080	2249	2080	771	760	0.401	Yes	Yes	723	671	1.957	Yes	Yes	48	74	3.344	0	14	5.373
1183	Validation	ury St. Edmund	4	JTC 4_C-Out	0	Jan-16	MCC	No	2080-2249	2080	2249	562	716	6.110	No	No	510	589	3.379	Yes	Yes	52	102	5.677	0	25	7.139
1184	Validation	ury St. Edmund	4	JTC 4_D-In	0	Jan-16	MCC	No	2079-2080	2079	2080	688	746	2.149	Yes	Yes	627	682	2.141	Yes	Yes	58	59	0.068	3	5	1.107
1185	Validation	ury St. Edmund	4	JTC 4_D-Out	0	Jan-16	MCC	No	2080-2079	2080	2079	560	594	1.426	Yes	Yes	510	544	1.463	Yes	Yes	49	47	0.222	1	3	1.527
1186	Calibration	ury St. Edmund	5	JTC 5_A-In	0	Jan-16	MCC	No	2076-2077	2076	2077	650	656	0.245	Yes	Yes	598	603	0.191	Yes	Yes	51	51	0.034	1	2	1.039
1187	Calibration	ury St. Edmund	5	JTC 5_A-Out	0	Jan-16	MCC	No	2077-2076	2077	2076	431	451	0.965	Yes	Yes	407	408	0.038	Yes	Yes	21	39	3.255	3	5	0.872
1188	Calibration	ury St. Edmund	5	JTC 5_B-In	0	Jan-16	MCC	No	2128-2077	2128	2077	170	172	0.134	Yes	Yes	153	153	0.022	Yes	Yes	17	18	0.340	0	0	0.323
1189	Calibration	ury St. Edmund	5	JTC 5_B-Out	0	Jan-16	MCC	No	2077-2128	2077	2128	268	251	1.086	Yes	Yes	242	241	0.046	Yes	Yes	26	9	4.022	0	0	0.396
1190	Calibration	ury St. Edmund	5	JTC 5_C-In	0	Jan-16	MCC	No	2075-2077	2075	2077	948	946	0.075	Yes	Yes	910	908	0.082	Yes	Yes	33	33	0.007	5	5	0.092
1191	Calibration	ury St. Edmund	5	JTC 5_C-Out	0	Jan-16	MCC	No	2077-2075	2077	2075	828	828	0.000	Yes	Yes	783	782	0.045	Yes	Yes	44	45	0.205	1	1	0.116
1192	Calibration	ury St. Edmund	5	JTC 5_D-In	0	Jan-16	MCC	No	2095-2077	2095	2077	527	524	0.129	Yes	Yes	493	488	0.209	Yes	Yes	34	35	0.141	0	1	1.299
1193	Calibration	ury St. Edmund	5	JTC 5_D-Out	0	Jan-16	MCC	No	2077-2095	2077	2095	768	768	0.002	Yes	Yes	722	721	0.034	Yes	Yes	44	44	0.030	2	3	0.501
1194	Calibration	ury St. Edmund	6	JTC 6_A-In	0	Jan-16	MCC	No	2073-2071	2073	2071	849	855	0.211	Yes	Yes	799	803	0.136	Yes	Yes	50	51	0.137	0	1	1.647
1195	Calibration	ury St. Edmund	6	JTC 6_A-Out	0	Jan-16	MCC	No	2071-2073	2071	2073	548	543	0.198	Yes	Yes	510	506	0.179	Yes	Yes	34	34	0.081	4	4	0.057
1196	Calibration	ury St. Edmund	6	JTC 6_B-In	0	Jan-16	MCC	No	2072-2251	2072	2251	373	417	2.219	Yes	Yes	347	385	2.008	Yes	Yes	26	27	0.258	0	4	2.947
1197	Calibration	ury St. Edmund	6	JTC 6_B-Out	0	Jan-16	MCC	No	2251-2072	2251	2072	525	522	0.150	Yes	Yes	488	484	0.174	Yes	Yes	37	34	0.447	0	3	2.481
1198	Calibration	ury St. Edmund	6	JTC 6_C-In	0	Jan-16	MCC	No	2113-2251	2113	2251	464	467	0.149	Yes	Yes	432	438	0.284	Yes	Yes	28	28	0.030	4	1	1.546
1199	Calibration	ury St. Edmund	6	JTC 6_C-Out	0	Jan-16	MCC	No	2251-2113	2251	2113	363	395	1.647	Yes	Yes	339	366	1.415	Yes	Yes	20	25	1.135	4	4	0.052
1200	Calibration	ury St. Edmund	6	JTC 6_D-In	0	Jan-16	MCC	No	5822-2071	5822	2071	539	533	0.245	Yes	Yes	494	488	0.263	Yes	Yes	37	37	0.046	8	8	0.045
1201	Calibration	ury St. Edmund	6	JTC 6_D-Out	0	Jan-16	MCC	No	2071-5822	2071	5822	789	813	0.843	Yes	Yes	735	759	0.869	Yes	Yes	50	50	0.021	4	4	0.022
1206	Validation	Felixstowe	7	JTC 7_C-In	0	Jan-16	MCC	No	2918-2914	2918	2914	1492	1576	2.136	Yes	Yes	1170	1224	1.563	Yes	Yes	122	133	0.975	200	219	1.285
1207	Validation	Felixstowe	7	JTC 7_C-Out	0	Jan-16	MCC	No	2914-2917	2914	2917	1933	2001	1.542	Yes	Yes	1536	1657	3.030	Yes	Yes	160	97	5.538	237	247	0.650
1208	Calibration	Felixstowe	8	JTC 8_A-In	0	Jan-16	MCC	No	5821-2870	5821	2870	199	210	0.770	Yes	Yes	192	192	0.027	Yes	Yes	5	5	0.004	2	13	4.101
1209	Calibration	Felixstowe	8	JTC 8_A-Out	0	Jan-16	MCC	No	2870-5821	2870	5821	70	51	2.387	Yes	Yes	64	42	2.990	Yes	Yes	4	4	0.000	2	5	1.683
1212	Calibration	Felixstowe	8	JTC 8_C-In	0	Jan-16	MCC	No	2864-2870	2864	2870	418	338	4.140	Yes	Yes	274	274	0.015	Yes	Yes	36	35	0.200	108	29	9.550
1213	Calibration	Felixstowe	8	JTC 8_C-Out	0	Jan-16	MCC	No	2870-2864	2870	2864	101	101	0.036	Yes	Yes	43	43	0.008	Yes	Yes	8	8	0.000	50	50	0.044
1230	Calibration	Ipswich	10	JTC 10_B-In	0	Jan-16	MCC	No	0064-3006	30064	30062	815	812	0.113	Yes	Yes	707	703	0.163	Yes	Yes	94	95	0.149	14	14	0.091
1236	Calibration	Ipswich	11	JTC 11_A-In	0	Jan-16	MCC	No	0048-3079	30048	30799	1384	1235	4.111	Yes	Yes	1210	1060	4.448	Yes	Yes	132	133	0.070	42	42	0.047
1237	Calibration	Ipswich	11	JTC 11_A-Out	0	Jan-16	MCC	No	0796-3004	30796	30048	1544	1484	1.533	Yes	Yes	1316	1279	1.038	Yes	Yes	191	169	1.674	37	37	0.026
1240	Calibration	Ipswich	11	JTC 11_C-In	0	Jan-16	MCC	No	0040-3079	50040	30797	1889	1934	1.037	Yes	Yes	1440	1458	0.481	Yes	Yes	302	337	1.965	147	139	0.678
1241	Calibration	Ipswich	11	JTC 11_C-Out	0	Jan-16	MCC	No	0798-5004	30798	50041	2304	2095	4.465	Yes	Yes	1856	1816	0.924	Yes	Yes	300	150	10.030	148	129	1.650
1245	Calibration	Ipswich	12	JTC 12_A-Out	0	Jan-16	MCC	No	0026-3002	30026	30025	355	344	0.588	Yes	Yes	294	291	0.194	Yes	Yes	50	51	0.171	11	2	3.482
1250	Calibration	Ipswich	12	JTC 12_D-In	0	Jan-16	MCC	No	0134-3002	30134	30026	334	330	0.196	Yes	Yes	258	253	0.295	Yes	Yes	73	74	0.124	3	3	0.040
1251	Calibration	Ipswich	12	JTC 12_D-Out	0	Jan-16	MCC	No	0026-3013	30026	30134	335	332	0.146	Yes	Yes	286	283	0.177	Yes	Yes	45	45	0.004	4	4	0.164
1253	Calibration	Ipswich	13	JTC 13_A-Out	0	Jan-16	MCC	No	0016-5001	50016	50013	286	335	2.803	Yes	Yes	241	284	2.646	Yes	Yes	36	36	0.002	9	16	1.865
1254	Calibration	Ipswich	13	JTC 13_B-In	0	Jan-16	MCC	No	0006-5001	50006	50015	655	637	0.704	Yes	Yes	548	525	1.010	Yes	Yes	105	104	0.053	2	8	2.696
1255	Calibration	Ipswich	13	JTC 13_B-Out	0	Jan-16	MCC	No	0014-5000	50014	50006	711	702	0.332	Yes	Yes	589	581	0.333	Yes	Yes	116	115	0.083	6	6	0.049
1257	Calibration	Ipswich	13	JTC 13_C-Out	0	Jan-16	MCC	No	0015-5001	50015	50019	827	734	3.324	Yes	Yes	693	607	3.384	Yes	Yes	118	118	0.008	16	9	1.826
1258	Calibration	Ipswich	13	JTC 13_D-In	0	Jan-16	MCC	No	0505-5001	30505	50018	164	38	12.538	No	No	151	29	12.805	No	No	11	5	2.223	2	4	1.078
1259	Calibration	Ipswich	13	JTC 13_D-Out	0	Jan-16	MCC	No	0018-3050	50018	30505	120	28	10.668	No	Yes	102	23	10.071	No	Yes	18	2	5.280	0	4	2.876
1265	Calibration	Ipswich	14	JTC 14_C-In	0	Jan-16	MCC	No	0511-3001	30511	30010	362	361	0.039	Yes	Yes	320	319	0.030	Yes	Yes	41	41	0.014	1	1	0.130
1266	Calibration	Ipswich	14	JTC 14_C-Out	0	Jan-16	MCC	No	0010-3051	30010	30511	667	452	9.087	No	No	571	370	9.275	No	No	96	82	1.521	0	1	1.055
1267	Calibration	Ipswich	14	JTC 14_D-Out	0	Jan-16	MCC	No	0010-3001	30010	30013	582	569	0.536	Yes	Yes	513	505	0.354	Yes	Yes	62	57	0.601	7	7	0.084
1268	Calibration	Ipswich	14	JTC 14_E-In	0	Jan-16	MCC	No	0008-3001	30008	30010	432	420	0.569	Yes	Yes	345	341	0.224	Yes	Yes	79	72	0.861	8	8	0.045
1270	Calibration	Newmarket	15	JTC 15_A-In	0	Jan-16	MCC	No	2502-2503	2502	2503	924	947	0.764	Yes	Yes	764	785	0.740	Yes	Yes	120	123	0.260	40	40	0.018
1271	Calibration	Newmarket	15	JTC 15_A-Out	0	Jan-16	MCC	No	2503-2502	2503	2502	1220	1190	0.871	Yes	Yes	1032	1002	0.950	Yes	Yes	137	136	0.074	51	52	0.127
1273	Calibration	Newmarket	15	JTC 15_B-Out	0	Jan-16	MCC	No	2504-2507	2504	2507	730	706	0.900	Yes	Yes	622	625	0.117	Yes	Yes	83	56	3.199	25	25	0.067
1279	Calibration	Newmarket	15	JTC 15_E-Out	0	Jan-16	MCC	No	2505-2496	2505	2496	490	523	1.460	Yes	Yes	408	437	1.429	Yes	Yes	59	62	0.400	23	23	0.067
1280	Calibration	Newmarket	15	JTC 15_F-In	0	Jan-16	MCC	No	2495-2503	2495	2503	659	633	1.018	Yes	Yes	542	519	0.981	Yes	Yes	87	84	0.324	30	30	0.053
1282	Calibration	Newmarket	16	JTC 16_A-In	0	Jan-16	MCC	No	2448-2447	2448	2447	785	799	0.501	Yes	Yes	719	722	0.108	Yes	Yes	62	69	0.894	4	8	1.612
1283	Calibration	Newmarket	16	JTC 16_A-Out	0	Jan-16	MCC	No	2447-2448	2447	2448	885	794	3.123	Yes	Yes	792	701	3.315	Yes	Yes	86	86	0.022	7	7	0.104
1286	Calibration	Newmarket	16	JTC 16_C-In	0	Jan-16	MCC	No	3436-2447	3436	2447	540	531	0.379	Yes	Yes	485	476	0.389	Yes	Yes	52	52	0.039	3	3	0.025
1287	Calibration	Newmarket	16	JTC 16_C-Out	0	Jan-16	MCC	No	2447-3436	2447	3436	582	587	0.224	Yes	Yes	541	546	0.228	Yes	Yes	40	40	0.008	1	1	0.039
1288	Calibration	Newmarket	16	JTC 16_D-In	0	Jan-16	MCC	No	2972-2447	2972	2447	673	672	0.037	Yes	Yes	610	592	0.749	Yes	Yes	55	71	2.024	8	9	0.449
1289	Calibration	Newmarket	16	JTC 16_D-Out	0	Jan-16	MCC	No	2447-2972	2447	2972	434	432	0.080	Yes	Yes	367	366	0.065	Yes	Yes	59	59	0.016	8	8	0.110
1291	Calibration	Newmarket	16	JTC 16_E-Out	0	Jan-16	MCC	No	2972-2449	2972	2449	29	41	2.063	Yes	Yes	27	38	1.933	Yes	Yes	2	2	0.263	0	1	1.279
1294	Validation	Stowmarket	17	JTC 17_B-In	0	Jan-16	MCC	No	2402-2404	2402	2404	736	683	1.996	Yes	Yes	620	576	1.780	Yes	Yes	100	88	1.187	16	18	0.456
1295	Validation	Stowmarket	17	JTC 17_B-Out	0	Jan-16	MCC	No	2411-2403	2411	2403	545	703	6.308	No	No	472	620	6.323	No	No	58	69	1.433	15	13	0.429
1296	Validation	Stowmarket	17	JTC 17_C-In	0	Jan-16	MCC	No	2394-2405	2394	2405	903	838	2.212	Yes	Yes	775	731	1.619	Yes	Yes	100	84	1.653	28	23	0.988
1297	Validation	Stowmarket	17	JTC 17_C-Out	0	Jan-16	MCC	No	2405-2394	2405	2394	968	860	3.581	Yes	Yes	813	748	2.342	Yes	Yes	132	93	3.712	23	20	0.756
1298	Validation	Stowmarket	17	JTC 17_D-In	0	Jan-16	MCC	No	2415-2406	2415	2406	63	108	4.889	Yes	Yes	60	82	2.632	Yes	Yes	2	25	6.199	1	1	0.394
1299	Validation	Stowmarket	17	JTC 17_D-Out	0	Jan-16	MCC	No	2406-2415	2406	2415	510	489	0.955	Yes	Yes	443	425	0.882	Yes	Yes	51	50	0.103	16	14	0.580
1300	Validation	Stowmarket	17	JTC 17_E-In	0	Jan-16	MCC	No	2408-2409	2408	2409	421	543	5.558	No	No	344	501	7.630	No	No	64	29	5.171	13	13	0.116
1302	Calibration	Stowmarket	18	JTC 18_A-In	0	Jan-16	MCC	No	3895-2364	3895	2364	426	425	0.045	Yes	Yes	374	373	0.066	Yes	Yes	48	48	0.001	4	4	0.174
1303	Calibration	Stowmarket	18	JTC 18_A-Out	0	Jan-16	MCC	No	2364-3895	2364	3895	549	541	0.339	Yes	Yes	476	467	0.429	Yes	Yes	71	71	0.004	2	3	0.834
1304	Calibration	Stowmarket	18	JTC 18_B-In	0	Jan-16	MCC	No	2361-2364	2361	2364	559	559	0.007	Yes	Yes	489	489	0.011	Yes	Yes	63	63	0.009	7	7	0.002
1305	Calibration	Stowmarket	18	JTC 18_B-Out	0	Jan-16	MCC	No	2364-2361	2364	2361	854	853	0.042	Yes	Yes	743	742	0.032	Yes	Yes	94	94	0.001	17	17	0.088
1306	Calibration	Stowmarket	18	JTC 18_C-In	0	Jan-16	MCC	No	2369-2365	2369	2365	323	323	0.005	Yes	Yes	271	271	0.004	Yes	Yes	49	49	0.007	3	3	0.037
1307	Calibration	Stowmarket	18	JTC 18_C-Out	0	Jan-16	MCC	No	2364-2370	2364	2370	208	200	0.550	Yes	Yes	168	168	0.038	Yes	Yes	33	32	0.261	7	1	2.926
1309	Calibration	Stowmarket	18	JTC 18_D-Out	0	Jan-16	MCC	No	2365-2362	2365	2362	228	240	0.768	Yes	Yes	203	203	0.027	Yes	Yes	21	29	1.576	4	7	1.458
1310	Validation	Stowmarket	19	JTC 19_A-In	0	Jan-16	MCC	No	2337-2336	2337	2336	485	397	4.203	Yes	Yes	434	342	4.667	Yes	Yes	42	45	0.507	9	9	0.112
1311	Validation	Stowmarket	19	JTC 19_A-Out	0	Jan-16	MCC	No	2336-2337	2336	2337	594	420	7.722	No	No	534	367	7.880	No	No	58	47	1.466	2	6	1.992
1313	Validation	Stowmarket	19	JTC 19_B-Out	0	Jan-16	MCC	No	2336-5877	2336	5877	136	159	1.926	Yes	Yes	126	144	1.586	Yes	Yes	8	13	1.406	2	2	0.314
1314	Validation	Stowmarket	19	JTC 19_C-In	0	Jan-16	MCC	No	2400-2336	2400	2336	737	331	17.577	No	No	672	290	17.418	No	No	63	36	3.789	2	5	1.414
1315	Validation	Stowmarket	19	JTC 19_C-Out	0	Jan-16	MCC	No	2336-2400	2336	2400	810	673	5.032	No	No	742	581	6.257	No	No	64	79	1.781	4	13	3.052
1316	Validation	Stowmarket	19	JTC 19_D-In	0	Jan-16	MCC	No	2335-2336	2335	2336	351	614	11.983	No	No	324	547	10.688	No	No	27	61	5.106	0	6	3.566
1317	Validation	Stowmarket	19	JTC 19_D-Out	0	Jan-16	MCC	No	2336-2335	2336	2335	377	193	10.901	No	No	350	176	10.723	No	No	24	16	1.816	3	1	1.418
1318	Calibration	Sudbury	20	JTC 20_A-In	0	Jan-16	MCC	No	2678-2676	2678	2676	547	546	0.038	Yes	Yes	502	502	0.018	Yes	Yes	43	42	0.101	2	2	0.120
1321	Calibration	Sudbury	20	JTC 20_C-In	0	Jan-16	MCC	No	2693-2676	2693	2676	657	628	1.128	Yes	Yes	586	587	0.034	Yes	Yes	70	38	4.319	1	3	1.595
1322	Calibration	Sudbury	20	JTC 20_C-Out	0	Jan-16	MCC	No	2676-2693	2676	2693	359	359	0.012	Yes	Yes	340	340	0.004	Yes	Yes	18	18	0.005	1	1	0.135
1323	Calibration	Sudbury	20	JTC 20_D-Out	0	Jan-16	MCC	No	2676-2677	2676	2677	565	541	1.005	Yes	Yes	495	495	0.007	Yes	Yes	68	44	3.203	2	2	0.120
1334	Validation	ury St. Edmund	22	JTC 22_A-In	0	Jan-16	MCC	No	2166-2165	2166	2165	615	728	4.374	Yes	No	567	683	4.638	Yes	No	45	42	0.401	3	3	0.032
1335	Validation	ury St. Edmund	22	JTC 22_A-Out	0	Jan-16	MCC	No	2165-2166	2165	2166	505	549	1.913	Yes	Yes	474	513	1.745	Yes	Yes	30	35	0.884	1	1	0.114
1336	Validation	ury St. Edmund	22	JTC 22_B-In	0	Jan-16	MCC	No	2171-2165	2171	2165	373	388	0.790	Yes	Yes	350	349	0.036	Yes	Yes	23	37	2.587	0	2	1.949
1337	Validation	ury St. Edmund	22	JTC 22_B-Out	0	Jan-16	MCC	No	2165-2171	2165	2171	558	613	2.253	Yes	Yes	512	565	2.273	Yes	Yes	45	44	0.148	1	4	1.789
1338	Validation	ury St. Edmund	22	JTC 22_C-In	0	Jan-16	MCC	No	3359-2165	3359	2165	715	781	2.412	Yes	Yes	673	727	2.055	Yes	Yes	41	49	1.258	1	4	1.947
1339	Validation	ury St. Edmund	22	JTC 22_C-Out	0	Jan-16	MCC	No	2165-3359	2165	3359	640	736	3.671	Yes	Yes	604	682	3.082	Yes	Yes	34	50	2.460	2	4	1.247

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1340	Calibration	ury St. Edmund	23	JTC 23_A-In	0	Jan-16	MCC	No	5823-5822	5823	5822	313	320	0.411	Yes	Yes	291	296	0.294	Yes	Yes	21	21	0.009	1	3	1.536
1341	Calibration	ury St. Edmund	23	JTC 23_A-Out	0	Jan-16	MCC	No	5822-5823	5822	5823	411	407	0.191	Yes	Yes	367	363	0.201	Yes	Yes	42	42	0.031	2	2	0.120
1344	Calibration	ury St. Edmund	23	JTC 23_C-In	0	Jan-16	MCC	No	2142-2141	2142	2141	394	398	0.204	Yes	Yes	360	364	0.211	Yes	Yes	33	33	0.003	1	1	0.026
1345	Calibration	ury St. Edmund	23	JTC 23_C-Out	0	Jan-16	MCC	No	2141-2142	2141	2142	427	421	0.281	Yes	Yes	394	389	0.231	Yes	Yes	30	29	0.208	3	3	0.051
1346	Calibration	ury St. Edmund	23	JTC 23_D-In	0	Jan-16	MCC	No	3349-2141	3349	2141	360	370	0.504	Yes	Yes	314	324	0.565	Yes	Yes	38	38	0.042	8	8	0.076
1347	Calibration	ury St. Edmund	23	JTC 23_D-Out	0	Jan-16	MCC	No	2141-3349	2141	3349	540	539	0.035	Yes	Yes	503	502	0.036	Yes	Yes	34	34	0.007	3	3	0.020
1348	Calibration	Sudbury	24	JTC 24_A-In	0	Jan-16	MCC	No	2627-2626	2627	2626	229	229	0.009	Yes	Yes	199	199	0.000	Yes	Yes	29	29	0.002	1	1	0.135
1349	Calibration	Sudbury	24	JTC 24_A-Out	0	Jan-16	MCC	No	2626-2627	2626	2627	116	118	0.196	Yes	Yes	104	104	0.005	Yes	Yes	11	11	0.152	1	4	1.747
1350	Calibration	Sudbury	24	JTC 24_B-In	0	Jan-16	MCC	No	5935-2626	5935	2626	338	338	0.007	Yes	Yes	306	306	0.013	Yes	Yes	29	29	0.028	3	3	0.028
1351	Calibration	Sudbury	24	JTC 24_B-Out	0	Jan-16	MCC	No	2626-5935	2626	5935	357	361	0.237	Yes	Yes	326	330	0.235	Yes	Yes	27	27	0.002	4	4	0.111
1358	Validation	Haverhill	25	JTC 25_B-In	0	Jan-16	MCC	No	2611-2612	2611	2612	292	348	3.148	Yes	Yes	263	294	1.848	Yes	Yes	24	50	4.253	5	5	0.162
1359	Validation	Haverhill	25	JTC 25_B-Out	0	Jan-16	MCC	No	2612-2611	2612	2611	681	767	3.185	Yes	Yes	593	696	4.069	Yes	No	84	60	2.817	4	10	2.355
1362	Validation	Haverhill	26	JTC 26_A-In	0	Jan-16	MCC	No	2623-2540	2623	2540	285	427	7.538	No	No	232	311	4.818	Yes	Yes	47	85	4.680	6	31	5.782
1363	Validation	Haverhill	26	JTC 26_A-Out	0	Jan-16	MCC	No	2540-2623	2540	2623	681	622	2.327	Yes	Yes	589	520	2.945	Yes	Yes	82	79	0.381	10	23	3.271
1368	Validation	A14	27	JTC 27_A-In	0	Jan-16	MCC	No	3146-5756	3146	5756	875	839	1.235	Yes	Yes	649	688	1.527	Yes	Yes	184	90	8.048	42	61	2.589
1369	Validation	A14	27	JTC 27_A-Out	0	Jan-16	MCC	No	5757-3145	5757	3145	1128	1064	1.922	Yes	Yes	889	908	0.623	Yes	Yes	188	101	7.218	51	55	0.613
1371	Validation	A14	27	JTC 27_B-Out	0	Jan-16	MCC	No	5756-5753	5756	5753	824	724	3.599	Yes	Yes	629	589	1.618	Yes	Yes	152	83	6.391	43	52	1.309
1372	Validation	A14	27	JTC 27_C-In	0	Jan-16	MCC	No	5760-5755	5760	5755	356	386	1.537	Yes	Yes	302	319	0.987	Yes	Yes	53	66	1.711	1	0	1.414
1373	Validation	A14	27	JTC 27_C-Out	0	Jan-16	MCC	No	5755-5760	5755	5760	558	552	0.234	Yes	Yes	445	503	2.657	Yes	Yes	99	41	6.899	14	8	1.666
1377	Calibration	A12	28	JTC 28_A-Out	0	Jan-16	MCC	No	3111-3110	3111	3110	339	409	3.614	Yes	Yes	288	352	3.577	Yes	Yes	50	51	0.086	1	6	2.767
1378	Calibration	A12	28	JTC 28_B-In	0	Jan-16	MCC	No	5690-3113	5690	3113	1617	1628	0.276	Yes	Yes	1347	1359	0.313	Yes	Yes	144	142	0.153	126	127	0.127
1379	Calibration	A12	28	JTC 28_B-Out	0	Jan-16	MCC	No	3111-5688	3111	5688	2326	2375	1.021	Yes	Yes	1833	1878	1.052	Yes	Yes	360	362	0.125	133	135	0.155
1380	Calibration	A12	28	JTC 28_C-In	0	Jan-16	MCC	No	3112-3113	3112	3113	103	108	0.521	Yes	Yes	94	94	0.016	Yes	Yes	7	11	1.333	2	3	0.742
1381	Calibration	A12	28	JTC 28_C-Out	0	Jan-16	MCC	No	3113-3112	3113	3112	79	87	0.914	Yes	Yes	76	80	0.465	Yes	Yes	3	5	1.087	0	2	2.013
1382	Calibration	A12	28	JTC 28_D-In	0	Jan-16	MCC	No	3114-1341	3114	1341	2541	2538	0.060	Yes	Yes	2012	2014	0.045	Yes	Yes	397	389	0.398	132	135	0.248
1383	Calibration	A12	28	JTC 28_D-Out	0	Jan-16	MCC	No	1342-3115	1342	3115	1641	1649	0.200	Yes	Yes	1365	1373	0.203	Yes	Yes	148	148	0.003	128	129	0.056
1385	Calibration	A12	29	JTC 29_A-Out	0	Jan-16	MCC	No	3116-3114	3116	3114	2526	2489	0.737	Yes	Yes	2031	2029	0.054	Yes	Yes	336	335	0.062	159	126	2.795
1389	Calibration	A12	29	JTC 29_C-Out	0	Jan-16	MCC	No	3117-3119	3117	3119	2321	1540	17.786	No	No	1850	1262	14.918	No	No	312	150	10.628	159	128	2.622
1400	Calibration	A11	31	JTC 31_A-In	0	Jan-16	MCC	No	3277-3785	3277	3785	1459	1442	0.438	Yes	Yes	1200	1198	0.057	Yes	Yes	184	147	2.939	75	97	2.393
1401	Calibration	A11	31	JTC 31_A-Out	0	Jan-16	MCC	No	3785-3277	3785	3277	2222	2123	2.125	Yes	Yes	1810	1813	0.077	Yes	Yes	321	219	6.209	91	91	0.033
1402	Calibration	A11	31	JTC 31_B-In	0	Jan-16	MCC	No	3786-3785	3786	3785	118	115	0.246	Yes	Yes	104	104	0.013	Yes	Yes	11	8	0.828	3	3	0.028
1403	Calibration	A11	31	JTC 31_B-Out	0	Jan-16	MCC	No	3785-3786	3785	3786	194	210	1.140	Yes	Yes	175	186	0.822	Yes	Yes	18	23	1.172	1	1	0.163
1406	Calibration	A11	32	JTC 32_A-In	0	Jan-16	MCC	No	3794-5672	3794	5672	358	359	0.060	Yes	Yes	326	326	0.006	Yes	Yes	29	29	0.011	3	4	0.577
1407	Calibration	A11	32	JTC 32_A-Out	0	Jan-16	MCC	No	5672-3794	5672	3794	270	280	0.604	Yes	Yes	239	245	0.381	Yes	Yes	31	31	0.000	0	4	2.864
1408	Calibration	A11	32	JTC 32_B-In	0	Jan-16	MCC	No	5674-3790	5674	3790	202	201	0.099	Yes	Yes	177	177	0.034	Yes	Yes	23	23	0.013	2	0	1.867
1409	Calibration	A11	32	JTC 32_B-Out	0	Jan-16	MCC	No	5672-5673	5672	5673	218	206	0.830	Yes	Yes	186	181	0.387	Yes	Yes	24	24	0.002	8	1	3.196
1410	Calibration	A11	32	JTC 32_C-In	0	Jan-16	MCC	No	3789-3790	3789	3790	279	281	0.140	Yes	Yes	243	243	0.005	Yes	Yes	33	33	0.000	3	5	1.111
1411	Calibration	A11	32	JTC 32_C-Out	0	Jan-16	MCC	No	3790-3789	3790	3789	429	425	0.213	Yes	Yes	389	389	0.017	Yes	Yes	39	34	0.898	1	2	0.586
1412	Calibration	A11	32	JTC 32_D-In	0	Jan-16	MCC	No	5659-3790	5659	3790	159	336	11.230	No	No	133	298	11.231	No	No	19	31	2.317	7	7	0.083
1413	Calibration	A11	32	JTC 32_D-Out	0	Jan-16	MCC	No	3790-5659	3790	5659	136	143	0.553	Yes	Yes	116	116	0.002	Yes	Yes	16	16	0.015	4	10	2.399
1415	Calibration	A11	32	JTC 32_E-Out	0	Jan-16	MCC	No	3790-5671	3790	5671	203	266	4.140	Yes	Yes	182	247	4.468	Yes	Yes	19	19	0.014	2	0	1.993
1416	Calibration	A11	32	JTC 32_F-In	0	Jan-16	MCC	No	5824-5672	5824	5672	317	201	7.238	No	No	281	182	6.493	No	Yes	35	17	3.560	1	2	0.451
1417	Calibration	A11	32	JTC 32_F-Out	0	Jan-16	MCC	No	5672-5824	5672	5824	59	58	0.183	Yes	Yes	48	48	0.000	Yes	Yes	10	9	0.415	1	1	0.135
1420	Calibration	Sudbury	33	JTC 33_B-In	0	Jan-16	MCC	No	2763-2762	2763	2762	682	620	2.431	Yes	Yes	598	552	1.913	Yes	Yes	77	66	1.292	7	2	2.492
1421	Calibration	Sudbury	33	JTC 33_B-Out	0	Jan-16	MCC	No	2762-2763	2762	2763	523	522	0.065	Yes	Yes	458	457	0.058	Yes	Yes	57	57	0.008	8	8	0.062
1422	Calibration	Sudbury	33	JTC 33_C-In	0	Jan-16	MCC	No	2761-2762	2761	2762	540	543	0.149	Yes	Yes	478	479	0.028	Yes	Yes	57	56	0.192	5	9	1.608
1423	Calibration	Sudbury	33	JTC 33_C-Out	0	Jan-16	MCC	No	2762-2761	2762	2761	537	539	0.100	Yes	Yes	454	453	0.024	Yes	Yes	79	79	0.002	4	7	1.215
1426	Calibration	Sudbury	34	JTC 34_A-In	0	Jan-16	MCC	No	2781-2783	2781	2783	948	940	0.276	Yes	Yes	829	825	0.130	Yes	Yes	108	108	0.018	11	6	1.546
1427	Calibration	Sudbury	34	JTC 34_A-Out	0	Jan-16	MCC	No	2783-2781	2783	2781	691	691	0.013	Yes	Yes	594	594	0.019	Yes	Yes	85	85	0.031	12	12	0.049
1430	Calibration	Sudbury	34	JTC 34_C-In	0	Jan-16	MCC	No	2658-2783	2658	2783	426	427	0.042	Yes	Yes	365	365	0.006	Yes	Yes	59	59	0.034	2	3	0.647
1431	Calibration	Sudbury	34	JTC 34_C-Out	0	Jan-16	MCC	No	2783-2658	2783	2658	636	639	0.108	Yes	Yes	566	565	0.053	Yes	Yes	70	70	0.010	0	4	2.853
1432	Calibration	Sudbury	34	JTC 34_D-In	0	Jan-16	MCC	No	2782-2783	2782	2783	635	555	3.274	Yes	Yes	546	482	2.802	Yes	Yes	77	62	1.753	12	10	0.506
1433	Calibration	Sudbury	34	JTC 34_D-Out	0	Jan-16	MCC	No	2783-2782	2783	2782	447	460	0.627	Yes	Yes	392	404	0.613	Yes	Yes	50	50	0.051	5	6	0.615
1434	Calibration	Lowestoft	1	JTC 1_A-In	0	Jan-15	MCC	No	6345-1020	6345	1020	555	356	0.056	Yes	Yes	321	321	0.023	Yes	Yes	32.91677	33	0.289436	2.025316	2	0.091
1435	Calibration	Lowestoft	1	JTC 1_A-Out	0	Jan-15	MCC	No	1020-6345	1020	6345	526	513	0.551	Yes	Yes	462.852	460	0.149	Yes	Yes	60.69029	51	1.272	2.025316	2	0.105
1436	Calibration	Lowestoft	1	JTC 1_B-In	0	Jan-15	MCC	No	5370-1020	5370	1020	119	119	0.007	Yes	Yes	113.735	114	0.022	Yes	Yes	5.143245	5	0.073	0	0	0.000
1437	Calibration	Lowestoft	1	JTC 1_B-Out	0	Jan-15	MCC	No	1020-5370	1020	5370	133	133	0.001	Yes	Yes	124.614	125	0.023	Yes	Yes	8.229192	8	0.084	0	0	0.000
1438	Calibration	Lowestoft	1	JTC 1_C-In	0	Jan-15	MCC	No	1010-1020	1010	1020	565	606	1.696	Yes	Yes	460.874	501	1.826	Yes	Yes	101.8363	100	0.203	2.025316	5	1.611
1439	Calibration	Lowestoft	1	JTC 1_C-Out	0	Jan-15	MCC	No	1020-1010	1020	1010	605	613	0.317	Yes	Yes	514.28	518	0.156	Yes	Yes	84.34922	85	0.056	6.075947	10	1.334
1440	Calibration	Lowestoft	1	JTC 1_D-In	0	Jan-15	MCC	No	5340-1020	5340	1020	611	612	0.009	Yes	Yes	552.851	553	0.004	Yes	Yes	55.54705	56	0.042	3.037974	3	0.003
1441	Calibration	Lowestoft	1	JTC 1_D-Out	0	Jan-15	MCC	No	1020-5340	1020	5340	327	327	0.011	Yes	Yes	294.722	295	0.007	Yes	Yes	27.77352	28	0.039	4.050632	4	0.071
1442	Validation	Lowestoft	1	JTC 1_E-In	0	Jan-15	MCC	No	10258-1020	10258	1020	720	749	1.101	Yes	Yes	624.059	646	0.857	Yes	Yes	87.43517	92	0.483	8.101263	12	1.163
1443	Validation	Lowestoft	1	JTC 1_E-Out	0	Jan-15	MCC	No	1020-10258	1020	10258	780	857	2.681	Yes	Yes	675.487	737	2.308	Yes	Yes	101.8363	114	1.184	3.037974	6	1.434
1446	Calibration	Lowestoft	2	JTC 2_B-In	0	Jan-15	MCC	No	6341-3000	6341	3000	318	315	0.145	Yes	Yes	287.799	286	0.089	Yes	Yes	25.71623	25	0.186	4.050632	4	0.071
1447	Calibration	Lowestoft	2	JTC 2_B-Out	0	Jan-15	MCC	No	3000-6341	3000	6341	314	313	0.030	Yes	Yes	281.865	281	0.030	Yes	Yes	30.85947	31	0.022	1.012658	1	0.148
1450	Calibration	Lowestoft	2	JTC 2_D-In	0	Jan-15	MCC	No	6340-3000	6340	3000	248	235	0.829	Yes	Yes	223.514	224	0.025	Yes	Yes	24.68758	11	3.167	0	0	0.567
1451	Calibration	Lowestoft	2	JTC 2_D-Out	0	Jan-15	MCC	No	3000-6340	3000	6340	414	414	0.007	Yes	Yes	380.765	381	0.011	Yes	Yes	32.91677	33	0.004	0	0	0.295
1452	Calibration	Lowestoft	2	JTC 2_E-In	0	Jan-15	MCC	No	6337-3000	6337	3000	550	553	0.150	Yes	Yes	472.742	475	0.094	Yes	Yes	69.94813	72	0.193	7.088605	7	0.050
1453	Calibration	Lowestoft	2	JTC 2_E-Out	0	Jan-15	MCC	No	3000-6337	3000	6337	658	657	0.029	Yes	Yes	593.4	593	0.030	Yes	Yes	56.5757	56	0.023	8.101263	8	0.059
1454	Calibration	Lowestoft	2	JTC 2_F-In	0	Jan-15	MCC	No	3010-3000	3010	3000	700	697	0.103	Yes	Yes	608.235	605	0.123	Yes	Yes	86.40652	87	0.018	5.06329	5	0.066
1455	Calibration	Lowestoft	2	JTC 2_F-Out	0	Jan-15	MCC	No	3000-3010	3000	3010	802	800	0.077	Yes	Yes	697.245	696	0.036	Yes	Yes	101.8363	101	0.121	3.037974	3	0.003
1456	Calibration	Lowestoft	3	JTC 3_A-In	0	Jan-15	MCC	No	6306-8050	6306	8050	535	583	2.023	Yes	Yes	462.852	510	2.130	Yes	Yes	68.91949	69	0.040	3.037974	4	0.617
1457	Calibration	Lowestoft	3	JTC 3_A-Out	0	Jan-15	MCC	No	8050-6306	8050	6306	336	334	0.109	Yes	Yes	281.865	280	0.102	Yes	Yes	51.43245	51	0.098	3.037974	3	0.228
1458	Calibration	Lowestoft	3	JTC 3_B-In	0	Jan-15	MCC	No	10222-8050	10222	8050	309	273	2.107	Yes	Yes	277.909	257	1.264	Yes	Yes	28.80217	16	2.807	2.025316	0	2.013
1459	Calibration	Lowestoft	3	JTC 3_B-Out	0	Jan-15	MCC	No	8050-10222	8050	10222	292	259	1.978	Yes	Yes	260.107	241	1.213	Yes	Yes	31.88812	18	2.733	0	0	0.295
1460	Calibration	Lowestoft	3	JTC 3_C-In	0	Jan-15	MCC	No	10216-8050	10216	8050	471	469	0.089	Yes	Yes	403.512	403	0.014	Yes	Yes	63.77624	63	0.133	4.050632	3	0.311
1461	Calibration	Lowestoft	3	JTC 3_C-Out	0	Jan-15	MCC	No	8050-10216	8050	10216	695	692	0.137	Yes	Yes	593.4	590	0.121	Yes	Yes	95.66436	96	0.037	6.075947	5	0.440
1462	Calibration	Lowestoft	3	JTC 3_D-In	0	Jan-15	MCC	No	9420-8050	9420	8050	191	143	3.710	Yes	Yes	158.24	110	4.133	Yes	Yes	31.88812	32	0.013	1.012658	1	0.148
1463	Calibration	Lowestoft	3	JTC 3_D-Out	0	Jan-15	MCC	No	8050-9420	8050	9420	183	183	0.030	Yes	Yes	167.141	169	0.149	Yes	Yes	14.40109	14	0.136	1.012658	0	1.423
1464	Calibration	Lowestoft	4	JTC 4_A-In	0	Jan-15	MCC	No	6280-6270	6280	6270	1489	1568	2.001	Yes	Yes	1310.425	1388	2.124	Yes	Yes	170.7557	169	0.122	8.101263	10	0.608
1465	Calibration	Lowestoft	4	JTC 4_A-Out	0	Jan-15	MCC	No	6270-6280	6270	6280	962	981	0.616	Yes	Yes	859.441	877	0.579	Yes	Yes	95.66436	98	0.211	7.088605	7	0.030
1466	Calibration	Lowestoft	4	JTC 4_B-In	0	Jan-15	MCC	No	6260-6270	6260	6270	709	721	0.474	Yes	Yes	644.828	658	0.529	Yes	Yes	58.633	59	0.015	5.06329	4	0.437
1467	Calibration	Lowestoft	4	JTC 4_B-Out	0	Jan-15	MCC	No	6270-6260	6270	6260	1011	1028	0.520	Yes	Yes	893.067	912	0.635	Yes	Yes	113.1514	110	0.323	5.06329	6	0.404
1468	Calibration	Lowestoft	4	JTC 4_C-In	0	Jan-15	MCC	No	8070-6270	8070	6270	260	260	0.030	Yes	Yes	217.58	218	0.039	Yes	Yes	39.08866	39	0.016	3.037974	3	0.003
1469	Calibration	Lowestoft	4	JTC 4_C-Out	0	Jan-15	MCC	No	6270-8070	6270	8070	484	540	2.457	Yes	Yes	420.325	476	2.644	Yes	Yes	59.66164	59	0.031	4.050632	4	0.069
1472	Calibration	Lowestoft	5	JTC 5_B-In	0	Jan-15	MCC	No	9470-6230	9470	6230	494	495	0.084	Yes	Yes	466.808	468	0.071	Yes	Yes	26.74488	27	0.067	0	0	0.000
1473	Calibration	Lowestoft	5	JTC 5_B-Out	0	Jan-15	MCC	No	6230-9470	6230	9470	439	443	0.186	Yes	Yes	407.468	411	0.193	Yes	Yes	31.88812	32	0.000	0	0	0.000
1474	Calibration	Lowestoft	5	JTC 5_C-In	0	Jan-15	MCC	No	10234-6230	10234	6230	739	750	0.415	Yes	Yes	665.597	676	0.412	Yes	Yes	69.94813	69	0.114	3.037974	5	0.811
1475	Calibration	Lowestoft	5	JTC 5_C-Out	0	Jan-15	MCC	No	6230-10234	6230	10234	826	870	1.519	Yes	Yes	737.794	776	1.375	Yes	Yes	83.32057	89	0.647	5.06329	5	0.173
1476	Calibration	Lowestoft	5	JTC 5_D-In	0	Jan-15	MCC	No	10220-6230	10220	6230	184	192	0.559	Yes	Yes	176.042	177	0.076	Yes	Yes	8.229192	15	1.934	0	0	0.447
1477	Calibration	Lowestoft	5	JTC 5_D-Out	0	Jan-15	MCC	No	6230-10220	6230	10220	261	249	0.766	Yes	Yes	236.371	230	0.427	Yes	Yes	24.68758	19	1.233	0	0	0.295
1478	Calibration	Lowestoft	6	JTC 6_A-In	0	Jan-15	MCC	No	9991-6200	9991	6200	96	96	0.041	Yes	Yes	85.054	85	0.012	Yes	Yes	11.31514	11	0.100	0	0	0.295
1479	Calibration	Lowestoft	6	JTC 6_A-Out	0	Jan-15	MCC	No	6200-9991	6200	9991	153	152	0.067	Yes	Yes	139.449	139	0.041	Yes	Yes	13.37244	13	0.094	0	0	0.000

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1480	Calibration	Lowestoft	6	JTC 6_B-In	0	Jan-15	MCC	No	6190-6200	6190	6200	869	849	0.673	Yes	Yes	794.167	776	0.654	Yes	Yes	72.00543	72	0.012	3.037974	2	1.008
1481	Calibration	Lowestoft	6	JTC 6_B-Out	0	Jan-15	MCC	No	6200-6190	6200	6190	659	652	0.281	Yes	Yes	573.62	566	0.336	Yes	Yes	80.23463	82	0.187	5.06329	4	0.397
1482	Calibration	Lowestoft	6	JTC 6_C-In	0	Jan-15	MCC	No	6210-6200	6210	6200	597	612	0.615	Yes	Yes	518.236	532	0.620	Yes	Yes	74.06273	76	0.209	5.06329	4	0.418
1483	Calibration	Lowestoft	6	JTC 6_C-Out	0	Jan-15	MCC	No	6200-6210	6200	6210	751	754	0.110	Yes	Yes	684.388	689	0.163	Yes	Yes	63.77624	64	0.030	3.037974	2	1.008
1488	Calibration	Lowestoft	7	JTC 7_C-In	0	Jan-15	MCC	No	7060-7070	7060	7070	488	548	2.604	Yes	Yes	442.083	495	2.464	Yes	Yes	42.17461	49	1.005	4.050632	3	0.464
1489	Calibration	Lowestoft	7	JTC 7_C-Out	0	Jan-15	MCC	No	7070-7060	7070	7060	405	445	1.943	Yes	Yes	364.941	398	1.680	Yes	Yes	38.06001	45	1.138	2.025316	2	0.067
1490	Calibration	Lowestoft	7	JTC 7_D-In	0	Jan-15	MCC	No	6305-7070	6305	7070	117	126	0.798	Yes	Yes	104.834	114	0.920	Yes	Yes	12.34379	11	0.280	0	0	0.493
1491	Calibration	Lowestoft	7	JTC 7_D-Out	0	Jan-15	MCC	No	7070-6305	7070	6305	178	178	0.042	Yes	Yes	156.262	156	0.002	Yes	Yes	21.60163	22	0.087	0	0	0.502
1500	Validation	Lowestoft	9	JTC 9_A-In	0	Jan-15	MCC	No	6260-6250	6260	6250	1024	1028	0.112	Yes	Yes	901.968	912	0.338	Yes	Yes	117.266	110	0.706	5.06329	6	0.404
1501	Validation	Lowestoft	9	JTC 9_A-Out	0	Jan-15	MCC	No	6250-6260	6250	6260	713	721	0.291	Yes	Yes	651.751	658	0.257	Yes	Yes	56.5757	59	0.286	5.06329	4	0.437
1502	Calibration	Lowestoft	9	JTC 9_B-In	0	Jan-15	MCC	No	9990-6250	9990	6250	121	117	0.339	Yes	Yes	110.768	111	0.067	Yes	Yes	10.28649	6	1.558	0	0	0.228
1503	Calibration	Lowestoft	9	JTC 9_B-Out	0	Jan-15	MCC	No	6250-9990	6250	9990	156	152	0.301	Yes	Yes	139.449	141	0.128	Yes	Yes	16.45838	11	1.414	0	0	0.000
1504	Calibration	Lowestoft	9	JTC 9_C-In	0	Jan-15	MCC	No	10257-6250	10257	6250	627	627	0.027	Yes	Yes	568.675	569	0.001	Yes	Yes	55.54705	53	0.318	3.037974	5	0.857
1505	Calibration	Lowestoft	9	JTC 9_C-Out	0	Jan-15	MCC	No	6250-10257	6250	10257	746	752	0.203	Yes	Yes	652.74	664	0.433	Yes	Yes	89.49247	82	0.756	4.050632	6	0.665
1506	Calibration	Lowestoft	9	JTC 9_D-In	0	Jan-15	MCC	No	7090-6250	7090	6250	228	228	0.003	Yes	Yes	205.712	206	0.004	Yes	Yes	21.60163	22	0.053	1.012658	1	0.143
1507	Calibration	Lowestoft	9	JTC 9_D-Out	0	Jan-15	MCC	No	6250-7090	6250	7090	375	364	0.586	Yes	Yes	334.282	326	0.434	Yes	Yes	40.11731	36	0.604	1.012658	1	0.334
1615	Calibration	Lowestoft	C103	Oulton Road	EB	Jan-16	ATC	No	7070-9310	7070	9310	314	287	1.555	Yes	Yes	271.6141	270	0.115	Yes	Yes	33.55525	16	3.560	8.330677	1	3.402
1616	Calibration	Lowestoft	C103	Oulton Road	WB	Jan-16	ATC	No	9310-7070	9310	7070	266	210	3.602	Yes	Yes	230.4604	182	3.341	Yes	Yes	28.47113	28	0.098	7.068453	0	3.756
1617	Calibration	Lowestoft	C105	Long Road	SB	Jan-16	ATC	No	5180-3010	5180	3010	184	75	9.615	No	No	159.6328	67	8.673	No	Yes	19.72107	7	3.651	4.896099	1	2.226
1618	Calibration	Lowestoft	C105	Long Road	NB	Jan-16	ATC	No	3010-5180	3010	5180	180	74	9.428	No	No	156.1673	65	8.636	No	Yes	19.29293	9	2.866	4.789807	0	3.024
1619	Calibration	Lowestoft	C106	Victoria Road	EB	Jan-16	ATC	No	9617-4020	9617	4020	316	308	0.451	Yes	Yes	273.78	272	0.111	Yes	Yes	33.82284	32	0.253	8.397109	4	1.895
1620	Calibration	Lowestoft	C106	Victoria Road	WB	Jan-16	ATC	No	4020-9617	4020	9617	482	474	0.368	Yes	Yes	417.6012	420	0.094	Yes	Yes	51.59054	53	0.169	12.80825	2	4.165
1623	Calibration	Lowestoft	C108	Crestview Drive	SB	Jan-16	ATC	No	10228-9300	10228	9300	106	100	0.616	Yes	Yes	91.62101	89	0.284	Yes	Yes	11.31888	10	0.332	2.810109	0	1.945
1624	Calibration	Lowestoft	C108	Crestview Drive	NB	Jan-16	ATC	No	9300-10228	9300	10228	118	116	0.176	Yes	Yes	101.8011	102	0.053	Yes	Yes	12.57653	12	0.156	3.122343	1	1.279
1625	Calibration	Lowestoft	C109	Millenium Way	SB	Jan-16	ATC	No	7090-7080	7090	7080	583	532	2.153	Yes	Yes	505.3235	477	1.263	Yes	Yes	62.42776	54	1.145	15.49878	1	4.863
1626	Calibration	Lowestoft	C109	Millenium Way	NB	Jan-16	ATC	No	7080-7090	7080	7090	564	537	1.115	Yes	Yes	488.2122	488	0.003	Yes	Yes	60.31383	48	1.679	14.97396	1	4.820
1627	Calibration	Lowestoft	C110	St.Peters Street	EB	Jan-16	ATC	No	10171-9170	10171	9170	276	268	0.463	Yes	Yes	239.1243	238	0.088	Yes	Yes	29.54147	29	0.150	7.334184	2	2.550
1628	Calibration	Lowestoft	C110	St.Peters Street	WB	Jan-16	ATC	No	9170-10171	9170	10171	305	296	0.514	Yes	Yes	264.4663	263	0.119	Yes	Yes	32.67222	33	0.052	8.111448	1	3.438
1629	Calibration	Lowestoft	C111	Cotmer Road Oulton Broad	SB	Jan-16	ATC	No	2030-3040	2030	3040	629	617	0.505	Yes	Yes	545.1775	544	0.057	Yes	Yes	67.35134	68	0.068	16.72114	5	3.602
1630	Calibration	Lowestoft	C111	Cotmer Road Oulton Broad	NB	Jan-16	ATC	No	3040-2030	3040	2030	489	478	0.483	Yes	Yes	423.2328	422	0.054	Yes	Yes	52.28626	52	0.006	12.98097	3	3.330
1631	Calibration	Lowestoft	C112	Ashburnham Way Carlton Colville	EB	Jan-16	ATC	No	5105-6355	5105	6355	257	237	1.292	Yes	Yes	222.6795	223	0.013	Yes	Yes	27.53458	14	3.003	6.835938	0	3.698
1632	Calibration	Lowestoft	C112	Ashburnham Way Carlton Colville	WB	Jan-16	ATC	No	6355-5105	6355	5105	322	260	3.616	Yes	Yes	278.7618	230	3.090	Yes	Yes	34.43829	31	0.680	8.549905	0	4.135
1633	Calibration	Lowestoft	C113	Lowestoft Road Carlton Colville	EB	Jan-16	ATC	No	6335-9604	6335	9604	219	101	9.286	No	No	189.74	94	8.014	No	Yes	23.44051	7	4.221	5.819516	0	3.210
1634	Validation	Lowestoft	C113	Lowestoft Road Carlton Colville	WB	Jan-16	ATC	No	9604-6335	9604	6335	207	149	4.278	Yes	Yes	178.9101	140	3.084	Yes	Yes	22.10258	9	3.182	5.487352	0	3.313
1635	Calibration	Lowestoft	C116	Tom Crisp Way	SB	Jan-16	ATC	No	6315-6413	6315	6413	931	882	1.599	Yes	Yes	806.1783	810	0.141	Yes	Yes	99.59542	65	3.832	24.7263	7	4.349
1636	Calibration	Lowestoft	C116	Tom Crisp Way	NB	Jan-16	ATC	No	6413-6315	6413	6315	459	455	0.184	Yes	Yes	397.241	399	0.090	Yes	Yes	49.07523	51	0.202	12.18378	5	2.433
1637	Calibration	ury St. Edmund	C200	Compiegne Way	SB	Jan-16	ATC	No	2082-2081	2082	2081	826	850	0.836	Yes	Yes	720.4183	739	0.701	Yes	Yes	90.62087	91	0.036	14.71083	20	1.182
1638	Calibration	ury St. Edmund	C200	Compiegne Way	NB	Jan-16	ATC	No	2081-2082	2081	2082	1140	1116	0.700	Yes	Yes	994.1467	1007	0.421	Yes	Yes	125.053	88	3.612	20.30032	21	0.098
1643	Calibration	Ipswich	C303	Woodbridge Road	EB	Jan-16	ATC	No	0062-2027	20062	20278	488	487	0.033	Yes	Yes	436.3531	437	0.019	Yes	Yes	32.06712	31	0.194	19.57976	20	0.005
1644	Calibration	Ipswich	C303	Woodbridge Road	WB	Jan-16	ATC	No	0278-2006	20278	20062	638	626	0.476	Yes	Yes	570.7016	574	0.150	Yes	Yes	41.94025	42	0.051	25.60816	10	3.777
1649	Validation	Ipswich	C306	Felixstowe Road	EB	Jan-16	ATC	No	0248-3025	30248	30250	442	560	5.289	No	No	394.7744	540	6.738	No	No	29.01155	19	1.960	17.71407	0	5.952
1650	Validation	Ipswich	C306	Felixstowe Road	WB	Jan-16	ATC	No	0250-3024	30250	30248	506	559	2.303	Yes	Yes	452.4481	531	3.561	Yes	Yes	33.24993	28	1.000	20.30197	0	6.372
1651	Calibration	Ipswich	C307	Sproughton Road	EB	Jan-16	ATC	No	0144-3014	30144	30142	654	666	0.463	Yes	Yes	584.5612	602	0.723	Yes	Yes	42.95877	46	0.503	26.23006	17	1.949
1652	Calibration	Ipswich	C307	Sproughton Road	WB	Jan-16	ATC	No	0142-3014	30142	30144	415	407	0.405	Yes	Yes	371.3025	364	0.407	Yes	Yes	27.28662	27	0.070	16.66085	17	0.014
1653	Calibration	Ipswich	C308	Nacton Road	EB	Jan-16	ATC	No	0239-3043	30239	30433	546	710	6.550	No	No	487.9912	641	6.433	No	No	35.86195	69	4.556	21.89684	0	6.526
1654	Calibration	Ipswich	C308	Nacton Road	WB	Jan-16	ATC	No	0433-3023	30433	30239	1000	797	6.779	No	No	894.3898	721	6.114	No	No	65.72774	75	1.105	40.1325	1	8.507
1657	Calibration	Stowmarket	C600	Gipping Way	SB	Jan-16	ATC	No	2331-2416	2331	2416	424	419	0.245	Yes	Yes	368.7675	368	0.027	Yes	Yes	46.38699	44	0.326	9.095473	7	0.819
1658	Calibration	Stowmarket	C600	Gipping Way	NB	Jan-16	ATC	No	2416-2331	2416	2331	391	392	0.054	Yes	Yes	339.8659	341	0.042	Yes	Yes	42.75147	43	0.053	8.382628	8	0.018
1659	Calibration		M002	A12 Woodbridge	SB	Jan-16	ATC	No	0051-5005	50051	50050	1490	1202	7.849	No	No	1296.385	1042	7.444	No	No	163.0712	132	2.567	30.29418	28	0.411
1660	Calibration		M002	A12 Woodbridge	NB	Jan-16	ATC	No	0050-5005	50050	50051	1522	1560	0.957	Yes	Yes	1324.449	1335	0.296	Yes	Yes	166.6014	202	2.579	30.94999	23	1.583
1661	Calibration	Ipswich	M006	Freston Hill	SB	Jan-16	ATC	No	3006-5004	3106	50049	571	548	0.961	Yes	Yes	496.1466	501	0.212	Yes	Yes	62.4099	46	2.265	12.19346	1	4.145
1662	Calibration	Ipswich	M006	Freston Hill	NB	Jan-16	ATC	No	3106-5004	3106	50049	299	339	2.239	Yes	Yes	259.9174	316	3.296	Yes	Yes	32.69481	22	2.062	6.387813	1	2.648
1663	Calibration		M008	Long Melford Bypass	SB	Jan-16	ATC	No	2789-2762	2789	2762	481	477	0.184	Yes	Yes	415.5927	409	0.324	Yes	Yes	52.27708	55	0.316	13.13025	13	0.061
1664	Calibration		M008	Long Melford Bypass	NB	Jan-16	ATC	No	2762-2789	2762	2789	352	353	0.061	Yes	Yes	303.9463	305	0.094	Yes	Yes	38.2206	38	0.329	9.599733	11	0.456
1667	Calibration	Ipswich	M012	Tattingstone	SB	Jan-16	ATC	No	3107-3665	3107	3665	677	673	0.116	Yes	Yes	588.0739	588	0.010	Yes	Yes	73.97337	74	0.005	14.45269	12	0.756
1668	Calibration	Ipswich	M012	Tattingstone	NB	Jan-16	ATC	No	3665-3107	3665	3107	400	396	0.189	Yes	Yes	347.9329	344	0.222	Yes	Yes	43.76621	44	0.020	8.550911	9	0.077
1669	Calibration		M014	Rickinghall/Botesdale Bypass	EB	Jan-16	ATC	No	3943-3261	3943	3261	409	452	2.091	Yes	Yes	346.6716	370	1.216	Yes	Yes	43.60756	57	1.900	18.2208	25	1.476
1670	Calibration		M014	Rickinghall/Botesdale Bypass	WB	Jan-16	ATC	No	3261-3943	3261	3943	268	293	1.538	Yes	Yes	227.0126	239	0.784	Yes	Yes	28.55575	37	1.483	11.93161	17	1.387
1671	Validation		M024	South of Norton	SB	Jan-16	ATC	No	3883-3887	3883	3887	333	359	1.384	Yes	Yes	283.8356	311	1.567	Yes	Yes	35.70346	33	0.406	13.46092	15	0.293
1672	Validation		M024	South of Norton	NB	Jan-16	ATC	No	3887-3883	3887	3883	415	408	0.351	Yes	Yes	353.7291	346	0.387	Yes	Yes	44.49531	49	0.689	16.77562	12	1.202
1673	Calibration		M026	Brightwell	SB	Jan-16	ATC	No	0109-3010	30109	30107	1976	1946	0.686	Yes	Yes	1721.668	1686	0.860	Yes	Yes	216.5673	213	0.269	38.01468	47	1.388
1674	Calibration		M026	Brightwell	NB	Jan-16	ATC	No	0107-3010	30107	30108	1916	1866	1.149	Yes	Yes	1668.962	1629	0.992	Yes	Yes	209.9374	200	0.696	36.85092	37	0.043
1675	Calibration		M036	Otley East of C306	EB	Jan-16	ATC	No	3149-3153	3149	3153	306	307	0.066	Yes	Yes	265.847	267	0.093	Yes	Yes	33.44068	33	0.047	6.212366	6	0.038
1676	Calibration		M036	Otley East of C306	WB	Jan-16	ATC	No	3153-3149	3153	3149	321	322	0.046	Yes	Yes	279.5526	281	0.066	Yes	Yes	35.16471	35	0.051	6.532644	7	0.011
1677	Calibration		M038	North of Finningham	SB	Jan-16	ATC	No	3947-3912	3947	3912	141	187	3.596	Yes	Yes	120.1826	164	3.637	Yes	Yes	15.11768	21	1.369	5.699667	3	1.504
1678	Calibration		M038	North of Finningham	NB	Jan-16	ATC	No	3912-3947	3912	3947	118	276	11.246	No	No	100.5784	244	10.908	No	No	12.65168	28	3.437	4.769934	4	0.403
1679	Calibration	Lowestoft	M043	Kessingland Bypass	SB	Jan-16	ATC	No	4501-4502	4501	4502	485	487	0.120	Yes	Yes	419.4613	423	0.180	Yes	Yes	52.76372	54	0.192	12.27493	10	0.741
1680	Calibration	Lowestoft	M043	Kessingland Bypass	NB	Jan-16	ATC	No	4502-4501	4502	4501	613	605	0.303	Yes	Yes	530.4952	530	0.007	Yes	Yes	66.73059	67	0.052	15.52418	8	2.275
1681	Calibration	Beccles	M048	Blyburgate	SB	Jan-16	ATC	No	2825-2823	2825	2823	418	338	4.106	Yes	Yes	362.2432	289	4.049	Yes	Yes	45.56629	39	0.967	9.690549	9	0.137
1682	Calibration	Beccles	M048	Blyburgate	NB	Jan-16	ATC	No	2823-2825	2823	2825	438	417	1.020	Yes	Yes	379.813	380	0.007	Yes	Yes	47.77639	27	3.398	10.16057	10	0.053
1685	Calibration		M055	North of C366 Swilland	SB	Jan-16	ATC	No	3149-5633	3149	5633	162	167	0.363	Yes	Yes	141.3488	146	0.365	Yes	Yes	17.78016	18	0.080	3.121003	3	0.029
1686	Calibration		M055	North of C366 Swilland	NB	Jan-16	ATC	No	5633-3149	5633	3149	142	144	0.176	Yes	Yes	123.7075	125	0.136	Yes	Yes	15.56107	16	0.158	2.731479	3	0.027
1687	Validation	Ipswich	M061	Chantry Park	EB	Jan-16	ATC	No	0149-3073	30149	30733	418	151	15.826	No	No	373.3144	132	15.185	No	No	27.43447	9	4.188	16.75113	9	2.052
1688	Validation	Ipswich	M061	Chantry Park	WB	Jan-16	ATC	No	0733-3014	30733	30149	352	338	0.747	Yes	Yes	314.7465	302	0.717	Yes	Yes	23.13038	24	0.109	14.12311	12	0.497
1693	Calibration		M076	South Elveden	SB	Jan-16	ATC	No	3964-5926	3964	5926	205	221	1.069	Yes	Yes	177.2701	188	0.809	Yes	Yes	22.29867	23	0.193	5.681242	9	1.365
1694	Calibration		M076	South Elveden	NB	Jan-16	ATC	No	5926-3964	5926	3964	275	231	2.756	Yes	Yes	237.5117	208	1.976	Yes	Yes	29.87641	13	3.640	7.611895	10	0.840
1695	Calibration		M077	Between A11 and A1101 Icklingham	SB	Jan-16	ATC	No	3276-3278	3276	3278	162	237	5.358	No	Yes	138.5771	216	5.843	No	Yes	17.43151	18	0.238	5.491345	2	1.622
1696	Calibration		M077	Between A11 and A1101 Icklingham	NB	Jan-16	ATC	No	3278-3276	3278	3276	96	146	4.584	Yes	Yes	81.945	132	4.852	Yes	Yes	10.3078	13	0.887	3.247204	0	2.158
1697	Validation	Ipswich	M079	Outside Asda Superstore	SB	Jan-16	ATC	No	0010-3011	30010	30119	952	1042	2.856	Yes	Yes	851.0227	909	1.944	Yes	Yes	62.54075	113	5.353	38.18656	21	3.244
1698	Validation	Ipswich	M079	Outside Asda Superstore	NB	Jan-16	ATC	No	0119-3001	30119	30010	1455	1335	3.218	Yes	Yes	1300.788	1209	2.596	Yes	Yes	95.59354	107	1.138	58.36816	19	6.391
1699	Calibration		M090	South of Elmswell	EB	Jan-16	ATC	No	3887-3886	3887	3886	491	228	13.866	No	No	418.7215	201	12.347	No	No	52.67065	19	5.577	19.85788	8	3.275
1700	Calibration		M090	South of Elmswell	WB	Jan-16	ATC	No	3886-3887	3886	3887	279	117	11.476	No	No	237.5951	106	10.028	No	No	29.88691	7	5.226	11.26796	4	2.723
1701	Calibration	Ipswich	P004	Warren Heath	EB	Jan-16	ATC	No	0255-3025	30255	30256	771	1080	10.160	No	No	671.6792	1031	12.323	No	No	84.49001	40	5.596	14.83078	9	1.836
1702	Calibration	Ipswich	P004	Warren Heath	WB	Jan-16	ATC	No	0256-3025	30256	30255	993	1342	10.208	No	No	865.2988	1241	11.567	No	No	108.8453	73	3.703	19.10593	28	1.819
1703	Calibration		P006	South of U4519 Great Finborough	SB	Jan-16	ATC	No	2417-3711	2417	3711	149	147	0.205	Yes	Yes	129.3657	126	0.263	Yes	Yes	16.27281	16	0.065	3.361491	4	0.389
1704	Calibration		P006	South of U4519 Great Finborough	NB	Jan-16	ATC	No	3711-2417	3711	2417	201	202	0.056	Yes	Yes	174.5135	175	0.069	Yes	Yes	21.95191	22	0.017	4.534629	4	0.089
1705	Calibration		Y006	South West of Hopton	EB	Jan-16	ATC	No	3863-3868	3863	3868	149	149	0.031	Yes	Yes	127.2787	127	0.034	Yes	Yes	16.01029	16	0.015	5.71101	6	0.023
1706	Calibration		Y006	South West of Hopton	WB	Jan-16	ATC	No	3868-3863	3868	3863	171	171	0.004	Yes	Yes	146.0715	146	0.031	Yes	Yes	18.37423	18	0.095	6.554246	7	0.011
1707	Calibration		Y056	North of B1077 Stuston	SB	Jan-16	ATC	No	3247-3208	3247	3208	729	688	1.557	Yes	Yes	618.6625	579	1.603	Yes	Yes	77.82108	78	0.008	32.51643	30	0.407
1708	Calibration		Y056	North of B1077 Stuston	NB	Jan-16	ATC	No	3208-3247	3208	3247	710	710	0.002	Yes	Yes	602.5382	602	0.026	Yes	Yes	75.79282	76	0.005	31.66895	32	0.113
1709	Calibration		Y080	South of A12 East Bergholt	EB	Jan-16	ATC	No	3112-3675	3112	3675	358	356	0.104	Yes	Yes	310.9881	309	0.114	Yes	Yes	39.11895	39	0.022	7.642944	8	0.064
1710	Calibration		Y080	South of A12 East Bergholt	WB	Jan-16	ATC	No	3675-3112	3675	3112	219	220	0.059	Yes	Yes	190.5916	191	0.048	Yes	Yes	23.97437	24	0.007	4.68404	5	0.077
1711	Calibration	SEGWay	Y115	East of B1069 Snape	EB	Jan-16	ATC	No	7352-3191	7352	3191	339	357	0.976	Yes	Yes	294.819	304	0.535	Yes	Yes	37.08506	46	1.373	7.345903	7	0.037

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1712	Calibration	SEGWay	Y115	East of B1069 Snape	WB	Jan-16	ATC	No	3191-7352	3191	7352	341	295	2.569	Yes	Yes	296.5571	253	2.608	Yes	Yes	37.30369	40	0.464	7.38921	2	2.534
1713	Validation	SEGWay	Y141	A12 Farnham	SB	Jan-16	ATC	No	7304-1300	7304	1300	635	632	0.125	Yes	Yes	551.6179	534	0.767	Yes	Yes	69.3876	84	1.617	13.74447	14	0.160
1714	Validation	SEGWay	Y141	A12 Farnham	NB	Jan-16	ATC	No	1300-7304	1300	7304	746	760	0.530	Yes	Yes	647.8632	640	0.291	Yes	Yes	81.49421	101	2.036	16.14258	19	0.596
1715	Calibration	SEGWay	Y142	A12 Benhall (South of B1121)	SB	Jan-16	ATC	No	3180-3179	3180	3179	454	555	4.517	Yes	No	394.1059	476	3.944	Yes	Yes	49.57428	66	2.155	9.8198	13	0.830
1716	Calibration	SEGWay	Y142	A12 Benhall (South of B1121)	NB	Jan-16	ATC	No	3179-3180	3179	3180	668	675	0.252	Yes	Yes	580.7305	573	0.320	Yes	Yes	73.04964	85	1.325	14.46986	17	0.617
1717	Calibration	Waveney	Y149	A146 Beccles Bypass	EB	Jan-16	ATC	No	5650-2854	5650	2854	924	917	0.223	Yes	Yes	801.9239	800	0.051	Yes	Yes	100.8734	101	0.013	21.45267	16	1.257
1718	Calibration	Waveney	Y149	A146 Beccles Bypass	WB	Jan-16	ATC	No	2854-5650	2854	5650	697	697	0.013	Yes	Yes	604.9678	605	0.008	Yes	Yes	76.09843	76	0.020	16.1838	16	0.013
1719	Validation	Ipswich	Y151	London Road	SB	Jan-16	ATC	No	30153-5729	30153	5729	874	563	11.620	No	No	759.9758	487	10.914	No	No	95.59677	48	5.643	18.67741	28	1.844
1720	Validation	Ipswich	Y151	London Road	NB	Jan-16	ATC	No	5728-30153	5728	30153	692	431	10.996	No	No	601.3306	334	12.340	No	No	75.64091	72	0.370	14.77849	24	2.158
1721	Calibration		Y154	Loraine Way Bramford	SB	Jan-15	ATC	No	30033-30133	50033	30135	304	312	0.457	Yes	Yes	262.5666	273	0.616	Yes	Yes	34.34868	32	0.346	6.985136	7	0.021
1722	Calibration		Y154	Loraine Way Bramford	NB	Jan-15	ATC	No	30135-50033	30135	50033	372	385	0.661	Yes	Yes	321.3919	334	0.695	Yes	Yes	42.04413	42	0.027	8.550081	9	0.033
1723	Validation	Lowestoft	Y159	London Road Pakefield	SB	Jan-16	ATC	No	1025-6345	1025	6345	355	360	0.288	Yes	Yes	307.3528	324	0.954	Yes	Yes	37.97042	34	0.706	9.426818	2	3.026
1724	Validation	Lowestoft	Y159	London Road Pakefield	NB	Jan-16	ATC	No	6345-1025	6345	1025	566	446	5.325	No	No	489.945	398	4.350	Yes	Yes	60.5279	46	2.039	15.02711	2	4.552
1725	Calibration		Y176	East of Blacktiles Lane Martlesham	SB	Jan-16	ATC	No	0308-30583	30308	30583	110	107	0.199	Yes	Yes	95.39413	94	0.187	Yes	Yes	11.99955	12	0.093	2.106316	2	0.040
1726	Calibration		Y176	East of Blacktiles Lane Martlesham	NB	Jan-16	ATC	No	0583-30308	30583	30308	226	103	9.635	No	No	196.8865	94	8.512	No	No	24.7662	7	4.378	4.347283	1	1.995
1727	Calibration	Ipswich	Y177	Norwich Road	SB	Jan-16	ATC	No	0127-30136	30127	30136	549	584	1.478	Yes	Yes	490.6737	527	1.590	Yes	Yes	36.05909	44	1.312	22.0172	13	2.154
1728	Calibration	Ipswich	Y177	Norwich Road	NB	Jan-16	ATC	No	0136-30127	30136	30127	687	674	0.516	Yes	Yes	614.5157	618	0.140	Yes	Yes	45.1601	45	0.031	27.57416	10	3.927
1731	Validation	Ipswich	Y190	Park Road	EB	Jan-16	ATC	No	0042-20263	20042	20263	712	240	21.643	No	No	636.1993	232	19.399	No	No	46.7536	7	7.737	28.54713	1	7.252
1732	Validation	Ipswich	Y190	Park Road	WB	Jan-16	ATC	No	0263-20042	20263	20042	249	42	17.143	No	No	222.4238	37	16.292	No	No	16.34569	4	3.781	9.980463	1	3.885
1733	Calibration	Ipswich	Y191	Fonnereau Road	EB	Jan-16	ATC	No	0309-20033	20309	20033	238	248	0.653	Yes	Yes	213.0351	227	0.912	Yes	Yes	15.65572	17	0.282	9.559177	5	1.654
1734	Calibration	Ipswich	Y191	Fonnereau Road	WB	Jan-16	ATC	No	0033-20309	20033	20309	211	260	3.184	Yes	Yes	188.8926	235	3.191	Yes	Yes	13.88152	18	1.006	8.475871	7	0.582
1735	Calibration	Ipswich	Y192	Crown Street	EB	Jan-16	ATC	No	0030-10029	10030	10029	428	524	4.428	Yes	Yes	382.2561	471	4.284	Yes	Yes	28.09159	52	3.728	17.15235	2	5.021
1736	Calibration	Ipswich	Y192	Crown Street	WB	Jan-16	ATC	No	0029-10030	10029	10030	484	500	0.735	Yes	Yes	432.5529	449	0.784	Yes	Yes	31.78785	47	2.382	19.40924	4	4.377
1738	Calibration	Stowmarket	Y218	B1115 Stowupland	SB	Jan-16	ATC	No	2379-3478	2379	3478	239	233	0.390	Yes	Yes	207.9614	202	0.416	Yes	Yes	26.15931	26	0.025	5.129268	5	0.041
1739	Calibration	Stowmarket	Y218	B1115 Stowupland	NB	Jan-16	ATC	No	3478-2379	3478	2379	237	234	0.201	Yes	Yes	206.0057	203	0.233	Yes	Yes	25.9133	26	0.021	5.08103	5	0.060
1742	Calibration	Sudbury	Y220	Waldingfield Road	EB	Jan-16	ATC	No	2770-2768	2770	2768	441	441	0.000	Yes	Yes	384.4745	384	0.016	Yes	Yes	48.36275	48	0.051	7.82945	8	0.227
1743	Calibration	Sudbury	Y220	Waldingfield Road	WB	Jan-16	ATC	No	2768-2770	2768	2770	488	489	0.029	Yes	Yes	425.772	426	0.008	Yes	Yes	53.55754	54	0.062	8.670435	9	0.009
1744	Calibration	A11	0	te 6308/1 on link A11 southbound between A14 and	SB	Jan-15	TRADS	No	3074-3076	3074	3076	1006	1047	1.287	Yes	Yes	854.3879	874	0.668	Yes	Yes	59.91881	82	2.639	91.56115	91	0.068
1745	Calibration	A14	0	TMU Site 6308/2 on A14 westbound within J36	WB	Jan-15	TRADS	No	3074-3075	3074	3075	1319	1302	0.472	Yes	Yes	992.4305	983	0.299	Yes	Yes	62.40471	62	0.040	264.1349	257	0.456
1747	Calibration	A11	0	MIDAS site at A11/0904A priority 1 on link 10602530	NB	Jan-16	TRADS	No	2977-2978	2977	2978						1658.833					134.5			118.5		
1748	Calibration	A14	0	MIDAS site at A14/1124A priority 1 on link	EB	Jan-16	TRADS	No	2988-2989	2988	2989	2237	2003	5.066	No	Yes	1331.5	1408	2.073	Yes	Yes	641.75	270	17.389	263.4167	325	3.579
1749	Calibration	A14	0	TMU Site 6313/2 on link A14 westbound within J35	WB	Jan-16	TRADS	No	2981-3073	2981	3073	1499	1501	0.059	Yes	Yes	1177.25	1167	0.310	Yes	Yes	61.66667	73	1.396	259.9167	261	0.088
1750	Calibration	A11	0	306/1 on link link road from A11 southbound to A14	WB	Jan-16	TRADS	No	2535-2523	2535	2523	1081	1079	0.043	Yes	Yes	912.9167	911	0.055	Yes	Yes	49.41667	59	1.238	118.4167	110	0.829
1752	Calibration	A14	0	10B; MIDAS site at A14/2010B priority 1 on link 106	WB	Jan-16	TRADS	No	0353-30104	30353	30104	1631	1693	1.529	Yes	Yes	1272.222	1325	1.476	Yes	Yes	131	137	0.500	227.7778	231	0.223
1754	Calibration	A14	0	TMU Site 6279/1 on link A14 J55 eastbound exit	EB	Jan-16	TRADS	No	0039-30796	30039	30796	1477	1423	1.415	Yes	Yes	1333.75	1290	1.197	Yes	Yes	61.125	58	0.346	81.875	74	0.887
1757	Calibration	Lowestoft	9	JTC 9_E-In	EB	Jan-15	MCC	No	8070-6250	8070	6250	74	73	0.016	Yes	Yes	62.307	62	0.018	Yes	Yes	10.28649	10	0.043	1.012658	1	0.148
1758	Calibration	Lowestoft	9	JTC 9_E-Out	WB	Jan-15	MCC	No	6250-8070	6250	8070	84	84	0.087	Yes	Yes	71.208	71	0.041	Yes	Yes	12.34379	12	0.101	0	2	1.732
1759	Calibration	A14	Jn 58	A14 / A12 Junc. - A12 Entrance	SB	13/10/2016	MCC	No	0106-30096	30106	30096	1587	1573	0.346	Yes	Yes	1374	1339	0.952	Yes	Yes	170	190	1.459	43	45	0.264
1760	Calibration	A14	Jn 58	A14 / A12 Junc. - A12 Exit	NB	13/10/2016	MCC	No	0772-30105	30772	30105	1931	1873	1.324	Yes	Yes	1711	1646	1.579	Yes	Yes	206	192	0.981	14	35	4.208
1761	Calibration	A14	Jn 58	A14 / A12 Junc. - Unknown Road Ent.	SB	13/10/2016	MCC	No	0356-30097	30356	30097	18	59	6.615	No	Yes	11	50	7.112	No	Yes	6	7	0.493	1	1	0.351
1762	Calibration	A14	Jn 58	A14 / A12 Junc. - Unknown Road Exit	NB	13/10/2016	MCC	No	0096-30356	30096	30356	62	65	0.319	Yes	Yes	53	54	0.176	Yes	Yes	9	9	0.089	0	1	1.396
1764	Calibration	A14	Jn 58	A14 / A12 Junc. - A14 EB Exit	EB	13/10/2016	MCC	No	0097-30101	30097	30101	571	587	0.646	Yes	Yes	516	527	0.477	Yes	Yes	53	56	0.343	2	4	1.213
1765	Calibration	A14	Jn 58	A14 / A12 Junc. - A1156 Entrance	NB	13/10/2016	MCC	No	0100-30098	30100	30098	522	539	0.730	Yes	Yes	485	478	0.328	Yes	Yes	36	58	3.244	1	3	1.279
1766	Calibration	A14	Jn 58	A14 / A12 Junc. - A1156 Exit	SB	13/10/2016	MCC	No	0099-30100	30099	30100	653	713	2.290	Yes	Yes	586	635	1.984	Yes	Yes	61	68	0.925	6	9	1.218
1768	Calibration	A14	Jn 58	A14 / A12 Junc. - A14 WB Exit	WB	13/10/2016	MCC	No	0098-30092	30098	30092	1073	1031	1.281	Yes	Yes	908	867	1.390	Yes	Yes	123	124	0.072	42	41	0.147
1769	Validation	Lowestoft	1	0	NB	Jan-16	MCC	No	2070-7000	2070	7000	1055	1243	5.536	No	No	892	1104	6.698	No	No	144	128	1.394	19	11	1.968
1770	Validation	Lowestoft	1	0	SB	Jan-16	MCC	No	7000-2070	7000	2070	1092	1248	4.547	Yes	Yes	975	1100	3.868	Yes	Yes	105	141	3.281	12	6	1.810
1771	Calibration	Lowestoft	3	0	NB	Jan-16	MCC	No	9220-4612	9220	4612	53	53	0.004	Yes	Yes	41	41	0.014	Yes	Yes	9	9	0.003	3	3	0.028
1772	Calibration	Lowestoft	3	0	SB	Jan-16	MCC	No	4612-9220	4612	9220	123	123	0.016	Yes	Yes	119	119	0.017	Yes	Yes	4	4	0.005	0	0	0.000
1773	Calibration	Lowestoft	3	0	NE	Jan-16	MCC	No	9220-9230	9220	9230	312	311	0.031	Yes	Yes	293	292	0.033	Yes	Yes	19	19	0.002	0	0	0.093
1774	Calibration	Lowestoft	3	0	SW	Jan-16	MCC	No	9230-9220	9230	9220	323	323	0.022	Yes	Yes	303	303	0.028	Yes	Yes	20	20	0.020	0	0	0.000
1777	Calibration	Lowestoft	3	0	SB	Jan-16	MCC	No	9220-4603	9220	4603	104	104	0.018	Yes	Yes	98	98	0.019	Yes	Yes	6	6	0.000	0	0	0.093
1778	Calibration	Lowestoft	3	0	NB	Jan-16	MCC	No	4603-9220	4603	9220	59	59	0.005	Yes	Yes	51	51	0.011	Yes	Yes	8	8	0.014	0	0	0.000
1779	Calibration	Lowestoft	3	0	WB	Jan-16	MCC	No	9220-10190	9220	10190	588	587	0.027	Yes	Yes	530	529	0.042	Yes	Yes	57	58	0.074	1	1	0.265
1780	Calibration	Lowestoft	3	0	EB	Jan-16	MCC	No	10190-9220	10190	9220	403	398	0.265	Yes	Yes	369	362	0.364	Yes	Yes	28	31	0.477	6	5	0.395
1781	Calibration	Lowestoft	4	0	NB	Jan-16	MCC	No	9120-10185	9120	10185	156	145	0.856	Yes	Yes	141	134	0.575	Yes	Yes	11	9	0.586	4	2	1.094
1782	Calibration	Lowestoft	4	0	SB	Jan-16	MCC	No	10185-9120	10185	9120	182	181	0.101	Yes	Yes	154	154	0.011	Yes	Yes	28	26	0.297	0	0	0.295
1783	Calibration	Lowestoft	4	0	EB	Jan-16	MCC	No	9120-7200	9120	7200	293	292	0.057	Yes	Yes	264	264	0.015	Yes	Yes	28	27	0.173	1	1	0.175
1784	Calibration	Lowestoft	4	0	WB	Jan-16	MCC	No	7200-9120	7200	9120	411	409	0.091	Yes	Yes	369	368	0.039	Yes	Yes	39	39	0.011	3	2	0.657
1787	Validation	Lowestoft	5	0	NB	Jan-16	MCC	No	1260-6322	1260	6322	986	870	3.811	Yes	Yes	883	784	3.443	Yes	Yes	93	80	1.345	10	6	1.482
1788	Validation	Lowestoft	5	0	SB	Jan-16	MCC	No	6322-1260	6322	1260	1436	1753	7.945	No	No	1304	1607	7.934	No	No	117	139	1.926	15	8	2.128
1791	Calibration	Lowestoft	6	0	EB	Jan-16	MCC	No	6315-4000	6315	4000	704	709	0.184	Yes	Yes	643	643	0.006	Yes	Yes	54	58	0.596	7	7	0.093
1792	Calibration	Lowestoft	6	0	WB	Jan-16	MCC	No	4000-6315	4000	6315	1197	1200	0.088	Yes	Yes	1105	1105	0.014	Yes	Yes	80	89	0.999	12	6	1.866
1793	Calibration	Lowestoft	6	0	SE	Jan-16	MCC	No	6315-6382	6315	6382	8	12	1.139	Yes	Yes	8	9	0.346	Yes	Yes	0	2	1.833	0	1	1.322
1794	Calibration	Lowestoft	6	0	NW	Jan-16	MCC	No	6382-6315	6382	6315	23	24	0.126	Yes	Yes	20	20	0.009	Yes	Yes	2	3	0.505	1	1	0.135
1797	Calibration	Lowestoft	6	0	WB	Jan-16	MCC	No	6315-4010	6315	4010	458	456	0.070	Yes	Yes	412	417	0.247	Yes	Yes	41	38	0.400	5	1	2.313
1798	Calibration	Lowestoft	6	0	EB	Jan-16	MCC	No	4010-6315	4010	6315	389	381	0.406	Yes	Yes	364	356	0.430	Yes	Yes	21	21	0.002	4	4	0.086
1801	Calibration	Lowestoft	7	0	SB	Jan-16	MCC	No	4613-4614	4613	4614	27	27	0.014	Yes	Yes	21	21	0.044	Yes	Yes	6	6	0.000	0	0	0.502
1802	Calibration	Lowestoft	7	0	NB	Jan-16	MCC	No	4614-4613	4614	4613	23	23	0.050	Yes	Yes	19	19	0.005	Yes	Yes	4	4	0.000	0	0	0.666
1803	Calibration	Lowestoft	7	0	WB	Jan-16	MCC	No	4613-6384	4613	6384	402	398	0.206	Yes	Yes	368	368	0.016	Yes	Yes	29	29	0.068	5	0	2.969
1804	Calibration	Lowestoft	7	0	EB	Jan-16	MCC	No	6384-4613	6384	4613	201	200	0.099	Yes	Yes	180	181	0.077	Yes	Yes	18	16	0.510	3	3	0.207
1805	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 East	EB	Jan-16	ATCC - 7 day	No	0303-30417	30303	30417	1010	1009	0.026	Yes	Yes	948.5	962	0.425	Yes	Yes	61.25	47	1.934	0.25	1	0.414
1806	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 East	WB	Jan-16	ATCC - 7 day	No	0417-30303	30417	30303	817	814	0.126	Yes	Yes	750	754	0.155	Yes	Yes	64.75	57	0.995	2.5	2	0.042
1807	Calibration	Ipswich	0	A1214 / Bell Ln - Bell Ln	NB	Jan-16	ATCC - 7 day	No	0448-30303	30448	30303	292	244	2.907	Yes	Yes	267	241	1.621	Yes	Yes	24.5	3	5.904	0	0	0.309
1808	Calibration	Ipswich	0	A1214 / Bell Ln - Bell Ln	SB	Jan-16	ATCC - 7 day	No	0303-30448	30303	30448	200	189	0.771	Yes	Yes	186.25	179	0.566	Yes	Yes	13.75	10	0.952	0.25	0	0.322
1809	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 West	EB	Jan-16	ATCC - 7 day	No	0302-30302	30302	30303	821	843	0.772	Yes	Yes	775.75	796	0.715	Yes	Yes	45	47	0.286	0.25	1	0.477
1810	Calibration	Ipswich	0	A1214 / Bell Ln - A1214 West	WB	Jan-16	ATCC - 7 day	No	0303-30302	30303	30302	720	702	0.648	Yes	Yes	658	651	0.278	Yes	Yes	59.25	49	1.361	2.25	2	0.108
1811	Calibration	A14		A14 MIDAS site at A14/1804J priority 1 on link 106045	EB	Jan-16	TRADS	No	0011-50011	50011	50014	283	294	0.686	Yes	Yes	208.2235	242	2.261	Yes	Yes	59.94314	38	3.187	14.5	14	0.007
1812	Calibration	A14		A14 TMU Site 6294/1 on link A14 J53 eastbound exi	EB	Jan-16	TRADS	No	0004-30013	30004	30013	843	830	0.461	Yes	Yes	693.0961	705	0.467	Yes	Yes	137.9872	112	2.296	12.33333	12	0.002
1813	Calibration	A14		A14 TMU Site 6294/2 on link A14 eastbound within J5	EB	Jan-16	TRADS	No	0004-30011	30004	30013	2339	2285	1.126	Yes	Yes	1870.901	1833	0.891	Yes	Yes	202.8902	195	0.529	265.5833	257	0.517
1814	Calibration	A14		A14 MIDAS site at A14/1844A priority 1 on link 106046	EB	Jan-16	TRADS	No	0015-30011	30015	30017	2921	2854	1.258	Yes	Yes	2383.901	2337	0.973	Yes	Yes	264.8902	253	0.760	272.5833	264	0.495
1815	Calibration	A14		A14 MIDAS site at A14/1852J priority 1 on link 1210340	EB	Jan-16	TRADS	No	0028-30029	30028	30029	377	369	0.419	Yes	Yes	308.2957	308	0.018	Yes	Yes	59.28763	59	0.041	9.833333	2	3.019
1816	Calibration	Ipswich		JTC 12_B-Out	0	Jan-16	MCC	No	0029-30028	30029	30028	390	361	1.481	Yes	Yes	339.445	316	1.323	Yes	Yes	46.82	45	0.273	3.901667	1	1.875
1817	Calibration	A14		MIDAS site at A14/1866A priority 1 on link 10604880	EB	Jan-16	TRADS	No	0033-30034	30033	30034	2934	2846	1.647	Yes	Yes	2415.051	2344	1.462	Yes	Yes	252.4226	239	0.887	266.6517	263	0.204
1819	Calibration	A14		TMU Site 6279/2 on link A14 eastbound within J55	EB	Jan-16	TRADS	No	0039-30042	30039	30042	1457	1423	0.914	Yes	Yes	1081.301	1053	0.856	Yes	Yes	191.2976	180	0.824	184.7767	189	0.330
1820	Calibration	Ipswich		JTC 11_B-Out	0	Jan-16	MCC	No	0799-30049	30799	30049	1250	1238	0.349	Yes	Yes	1001.765	990	0.380	Yes	Yes	156.7007	155	0.164	91.40877	93	0.178
1821	Calibration	A14		A14 MIDAS site at A14/1908A priority 1 on link 106048	EB	Jan-16	TRADS	No	0053-30055	30053	30055	2707	2660	0.910	Yes	Yes	2083.066	2043	0.885	Yes	Yes	347.9983	335	0.720	276.1854	283	0.379
1822	Calibration	A14		A14 TMU Site 6281/1 on link A14 J56 eastbound exi	EB	Jan-16	TRADS	No	0058-30061	30058	30061	371	364	0.381	Yes	Yes	294.1755	286	0.463	Yes	Yes	70.04178	69	0.171	6.670646	9	0.728
1823	Calibration	A14		A14 TMU Site 6281/2 on link A14 eastbound within J5	EB	Jan-16	TRADS	No	0058-30063	30058	30063	2336	2296	0.829	Yes	Yes	1788.891	1757	0.768	Yes	Yes	277.9565	266	0.721	269.5148	274	0.262
1824	Calibration	Ipswich		JTC 10_B-Out	0	Jan-16	MCC	No	0061-30063	30061	30063	673	644	1.155	Yes	Yes	607.2983	584	0.957	Yes	Yes	56.61255	54	0.387	9.435425	6	1.233
1825	Calibration	A14		A14 MIDAS site at A14/1963A priority 1 on link 106048	EB	Jan-16	TRADS	No	0071-30073	30071	30073	3010	2941	1.253	Yes	Yes	2396.189	2343	1.097	Yes	Yes	334.5691	320	0.825	278.9502	279	0.001
1826	Calibration	A14		MIDAS site at A14/1965J priority 1 on link 10605350	EB	Jan-16	TRADS	No	0074-30077	30074	30077	897	874	0.793	Yes	Yes	710.012	694	0.591	Yes	Yes	142.8344	135	0.662	44.37575	44	0.019
1827	Calibration	A14		A14 TMU Site 6283/2 on link A14 eastbound within J5	EB	Jan-16	TRADS	No	0074-30081	30074	30081	2112	2068	0.978	Yes	Yes	1686.177	1648	0.923	Yes	Yes	191.7346	185	0.519	234.5745	235	0.007

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
1828	Calibration	Ipswich		Jn 43 A14 - Nacton Road to A14 EB Merge J57	0	Jan-16	MCC	No	0079-3008	30079	30081	588	551	1.576	Yes	Yes	528.0409	492	1.608	Yes	Yes	42.41477	42	0.107	17.69066	17	0.147
1829	Calibration	A14		A14 MIDAS site at A14/1977A priority 1 on link 106053	EB	Jan-16	TRADS	No	0082-3008	30082	30085	270	2618	1.608	Yes	Yes	2214.218	2139	1.608	Yes	Yes	234.1494	226	0.513	252.2651	252	0.006
1831	Calibration	A14		A14 / A12 Junc - A14 WB Ent.	WB	Jan-16	MCC	No	0103-3009	30103	30099	666	710	1.708	Yes	Yes	602.2195	647	1.774	Yes	Yes	60.11648	61	0.064	3.164025	3	0.019
1832	Calibration	A14		A14 TMU Site 6286/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0103-3009	30103	30094	966	983	0.562	Yes	Yes	670.0027	679	0.340	Yes	Yes	70.88352	76	0.617	224.6138	228	0.227
1834	Calibration	A14		A14 MIDAS site at A14/1973B priority 1 on link 106053	WB	Jan-16	TRADS	No	0086-3008	30086	30084	2039	2015	0.529	Yes	Yes	1578.003	1546	0.817	Yes	Yes	193.8835	200	0.438	266.6138	269	0.141
1835	Calibration	A14		A14 TMU Site 6284/1 on link A14 J57 westbound exi	WB	Jan-16	TRADS	No	0083-3008	30083	30080	197	196	0.066	Yes	Yes	157.519	157	0.033	Yes	Yes	18.21649	18	0.089	21.43116	21	0.029
1836	Calibration	A14		A14 TMU Site 6284/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0083-3007	30083	30076	1841	1818	0.535	Yes	Yes	1411.669	1389	0.615	Yes	Yes	187.1335	182	0.364	242.5304	248	0.325
1837	Calibration	Ipswich		Jn 44 A14 - Nacton Road to A14 WB Merge J57	0	Jan-16	MCC	No	0080-3007	30080	30076	1325	1331	0.160	Yes	Yes	1188.702	1190	0.030	Yes	Yes	110.7082	115	0.385	26.00681	27	0.138
1838	Calibration	A14		A14 MIDAS site at A14/1957B priority 1 on link 106047	WB	Jan-16	TRADS	No	0072-3007	30072	30070	3167	3150	0.302	Yes	Yes	2600.371	2578	0.430	Yes	Yes	297.8417	297	0.049	268.5372	274	0.349
1839	Calibration	Ipswich		JTC 10_D-Out	0	Jan-16	MC	No	0062-3006	30062	30060	444	427	0.787	Yes	Yes	389.8374	376	0.694	Yes	Yes	45.86322	43	0.452	7.882741	8	0.062
1840	Calibration	A14		A14 MIDAS site at A14/1913B priority 1 on link 106049	WB	Jan-16	TRADS	No	0059-3005	30059	30056	2795	2766	0.550	Yes	Yes	2283.208	2254	0.615	Yes	Yes	249.7049	245	0.322	262.42	268	0.328
1841	Calibration	A14		A14 TMU Site 6280/1 on link A14 J55 westbound exi	WB	Jan-16	TRADS	No	0051-3079	30051	30798	1292	1268	0.679	Yes	Yes	1100.765	1081	0.611	Yes	Yes	116.1659	112	0.370	74.94572	75	0.019
1842	Calibration	A14		A14 TMU Site 6280/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0051-3004	30051	30043	1503	1499	0.123	Yes	Yes	1182.443	1173	0.266	Yes	Yes	133.5391	132	0.095	187.4742	193	0.398
1843	Calibration	Ipswich		JTC 11_D-Out	0	Jan-16	MCC	No	0795-3004	30795	30041	1048	1044	0.143	Yes	Yes	807.1827	806	0.040	Yes	Yes	166.7008	167	0.013	74.57666	71	0.430
1844	Calibration	A14		A14 MIDAS site at A14/1861B priority 1 on link 106047	WB	Jan-16	TRADS	No	0035-3003	30035	30031	2552	2542	0.190	Yes	Yes	1989.626	1979	0.234	Yes	Yes	300.2398	299	0.066	262.0509	264	0.120
1845	Calibration	A14		A14 MIDAS site at A14/1855L priority 1 on link 121033	WB	Jan-16	TRADS	No	0025-3002	30025	30026	446	438	0.353	Yes	Yes	370.7335	370	0.048	Yes	Yes	65.23171	67	0.166	9.784756	2	3.238
1846	Calibration	A14		A14 TMU Site 6293/1 on link A14 J53 westbound exi	WB	Jan-16	TRADS	No	0005-3000	30005	30006	373	373	0.001	Yes	Yes	298.2147	298	0.026	Yes	Yes	68.28684	68	0.047	6.915123	8	0.320
1847	Calibration	A14		A14 TMU Site 6293/2 on link A14 westbound within J5	WB	Jan-16	TRADS	No	0005-3002	30005	30002	2095	2075	0.442	Yes	Yes	1621.678	1602	0.482	Yes	Yes	216.7213	216	0.059	256.351	256	0.000
1848	Calibration	Ipswich		JTC 14_E-Out	0	Jan-16	MCC	No	0010-3000	30010	30008	880	883	0.114	Yes	Yes	787.9392	791	0.108	Yes	Yes	79.80292	80	0.051	11.92457	12	0.025
1849	Calibration	A14		A14 MIDAS site at A14/1813B priority 1 on link 106063	WB	Jan-16	TRADS	No	0024-5002	50024	50022	2974	2962	0.229	Yes	Yes	2409.617	2397	0.251	Yes	Yes	296.5242	296	0.009	268.2756	268	0.001
1850	Calibration	A14		A14 MIDAS site at A14/1811L priority 1 on link 106046	WB	Jan-16	TRADS	No	0021-5001	50021	50018	684	624	2.330	Yes	Yes	566.1521	528	1.612	Yes	Yes	90.58434	88	0.301	26.76355	8	4.579
1853	Calibration	SEGWay	2	Main Road Near School Lane	EB	Jan-17	ATC	No	5496-3181	5496	3181	143	152	0.729	Yes	Yes	124.2451	127	0.216	Yes	Yes	16.68288	19	0.521	2.391446	7	1.994
1854	Calibration	SEGWay	2	Main Road Near School Lane	WB	Jan-17	ATC	No	3181-5496	3181	5496	132	150	1.549	Yes	Yes	114.1639	134	1.759	Yes	Yes	15.32924	15	0.152	2.197405	2	0.447
1855	Calibration	SEGWay	3	Mitford Road	EB	Jan-17	ATC	No	7328-7327	7328	7327	7	12	1.645	Yes	Yes	6.327543	12	1.806	Yes	Yes	0.849624	1	0.158	0.121791	0	0.494
1856	Calibration	SEGWay	3	Mitford Road	WB	Jan-17	ATC	No	7327-7328	7327	7328	8	32	5.364	No	Yes	6.863775	31	5.555	No	Yes	0.921626	1	0.154	0.132113	0	0.514
1859	Validation	SEGWay	5	Park Road South of Harrow Lane	NB	Jan-17	ATC	No	6017-7328	6017	7328	5	6	0.213	Yes	Yes	4.96125	5	0.175	Yes	Yes	0.121419	1	1.107	0	0	0.384
1860	Validation	SEGWay	5	Park Road South of Harrow Lane	SB	Jan-17	ATC	No	7328-6017	7328	6017	5	8	1.219	Yes	Yes	4.589156	8	1.230	Yes	Yes	0.364257	1	0.327	0.123418	0	0.497
1861	Calibration	SEGWay	6	Farnham Road	NB	Jan-17	ATC	No	7348-3179	7348	3179	336	263	4.225	Yes	Yes	291.6032	230	3.798	Yes	Yes	39.15472	31	1.372	5.612724	2	1.902
1862	Calibration	SEGWay	6	Farnham Road	SB	Jan-17	ATC	No	3179-7348	3179	7348	273	273	0.036	Yes	Yes	237.0147	242	0.341	Yes	Yes	31.82491	29	0.529	4.562016	2	1.694
1865	Calibration	SEGWay	8	Langham Road Connecting A12	NB	Jan-17	ATC	No	7365-7304	7365	7304	8	15	1.991	Yes	Yes	7.072268	14	2.137	Yes	Yes	0.950427	1	0.042	0.136241	0	0.522
1866	Calibration	SEGWay	8	Langham Road Connecting A12	SB	Jan-17	ATC	No	7304-7365	7304	7365	7	17	2.841	Yes	Yes	5.898557	15	2.801	Yes	Yes	0.792023	1	0.205	0.113534	0	0.324
1871	Calibration	SEGWay	11	Church Road	EB	Jan-17	ATC	No	7342-7366	7342	7366	11	21	2.502	Yes	Yes	9.544937	19	2.542	Yes	Yes	1.281637	2	0.312	0.183719	0	0.003
1872	Calibration	SEGWay	11	Church Road	WB	Jan-17	ATC	No	7366-7342	7366	7342	8	11	1.087	Yes	Yes	6.756528	10	0.982	Yes	Yes	0.907226	1	0.115	0.130048	1	0.728
1875	Calibration	SEGWay	13	A12 Near Park Cottage	EB	Jan-17	ATC	No	7351-7303	7351	7303	746	748	0.074	Yes	Yes	629.9005	628	0.062	Yes	Yes	100.6285	101	0.028	15.5094	19	0.792
1876	Calibration	SEGWay	13	A12 Near Park Cottage	WB	Jan-17	ATC	No	7303-7351	7303	7351	617	619	0.082	Yes	Yes	521.0017	522	0.048	Yes	Yes	83.2316	83	0.014	12.8281	14	0.297
1877	Calibration	SEGWay	14	Buttons Road	NB	Jan-17	ATC	No	7351-7321	7351	7321	30	25	0.957	Yes	Yes	25.63191	23	0.563	Yes	Yes	3.441699	1	1.471	0.493358	1	0.046
1878	Calibration	SEGWay	14	Buttons Road	SB	Jan-17	ATC	No	7321-7351	7321	7351	38	20	3.351	Yes	Yes	33.03192	19	2.820	Yes	Yes	4.435327	1	1.912	0.635792	0	0.826
1879	Calibration	SEGWay	15	Bell Lane	NB	Jan-17	ATC	No	5849-7317	5849	7317	41	58	2.433	Yes	Yes	35.60583	50	2.218	Yes	Yes	4.780937	7	1.072	0.685335	1	0.035
1880	Calibration	SEGWay	15	Bell Lane	SB	Jan-17	ATC	No	7317-5849	7317	5849	35	34	0.134	Yes	Yes	30.02902	28	0.296	Yes	Yes	4.032116	5	0.583	0.577993	0	0.742
1885	Validation	SEGWay	18	A12 Near Whin Belt	EB	Jan-17	ATC	No	5957-7300	5957	7300	760	789	1.031	Yes	Yes	641.8031	661	0.771	Yes	Yes	102.53	108	0.542	15.80247	19	0.825
1886	Validation	SEGWay	18	A12 Near Whin Belt	WB	Jan-17	ATC	No	7300-5957	7300	5957	643	621	0.871	Yes	Yes	542.9276	520	1.006	Yes	Yes	86.73433	88	0.087	13.36796	14	0.128
1889	Calibration	SEGWay	20	The Street Near The Lodge	NB	Jan-17	ATC	No	3177-7310	3177	7310	321	310	0.610	Yes	Yes	278.5191	268	0.631	Yes	Yes	37.39787	36	0.189	5.360885	6	0.314
1890	Calibration	SEGWay	20	The Street Near The Lodge	SB	Jan-17	ATC	No	7310-3177	7310	3177	275	331	3.215	Yes	Yes	238.0872	289	3.160	Yes	Yes	31.96892	37	0.925	4.582658	4	0.416
1891	Calibration	SEGWay	21	Main Road Near School Lane	EB	Jan-17	ATC	No	3154-3177	3154	3177	226	169	4.095	Yes	Yes	196.0466	144	3.958	Yes	Yes	26.32396	23	0.653	3.773468	1	1.695
1892	Calibration	SEGWay	21	Main Road Near School Lane	WB	Jan-17	ATC	No	3177-3154	3177	3154	195	166	2.149	Yes	Yes	168.9132	140	2.325	Yes	Yes	22.68065	25	0.379	3.25121	1	1.187
1895	Validation	SEGWay	23	Hall Road Near Silverlace Green	EB	Jan-17	ATC	No	7314-7322	7314	7322	36	28	1.501	Yes	Yes	31.53047	26	1.004	Yes	Yes	4.233722	2	1.571	0.606893	0	0.711
1896	Validation	SEGWay	23	Hall Road Near Silverlace Green	WB	Jan-17	ATC	No	7322-7314	7322	7314	41	33	1.354	Yes	Yes	35.71308	31	0.865	Yes	Yes	4.795338	2	1.787	0.687399	1	0.081
1897	Validation	SEGWay	24	Lane Connecting B1119	NB	Jan-17	ATC	No	7353-7315	7353	7315	23	32	1.892	Yes	Yes	19.51886	29	2.007	Yes	Yes	2.620875	3	0.049	0.375695	0	0.162
1898	Validation	SEGWay	24	Lane Connecting B1119	SB	Jan-17	ATC	No	7315-7353	7315	7353	18	28	2.123	Yes	Yes	15.65799	25	2.138	Yes	Yes	2.10246	3	0.373	0.301382	0	0.076
1899	Calibration	SEGWay	25	The Street Near Tyw Cottage	NB	Jan-17	ATC	No	5481-7369	5481	7369	367	338	1.535	Yes	Yes	317.7713	298	1.103	Yes	Yes	42.66842	35	1.214	6.116404	4	0.821
1900	Calibration	SEGWay	25	The Street Near Tyw Cottage	SB	Jan-17	ATC	No	7369-5481	7369	5481	323	277	2.674	Yes	Yes	280.0206	238	2.623	Yes	Yes	37.59948	36	0.212	5.389784	3	1.403
1901	Validation	SEGWay	26	Woodbridge Road	NB	Jan-17	ATC	No	5483-3169	5483	3169	177	146	2.371	Yes	Yes	153.0622	120	2.844	Yes	Yes	20.55227	22	0.322	2.946113	5	0.829
1902	Validation	SEGWay	26	Woodbridge Road	SB	Jan-17	ATC	No	3169-5483	3169	5483	163	148	1.192	Yes	Yes	140.879	129	1.050	Yes	Yes	18.91638	19	0.080	2.711613	0	1.853
1903	Validation	SEGWay	27	Orford Road	EB	Jan-17	ATC	No	3168-3166	3168	3166	38	48	1.428	Yes	Yes	33.36557	44	1.648	Yes	Yes	4.480129	4	0.096	0.642214	0	1.133
1904	Validation	SEGWay	27	Orford Road	WB	Jan-17	ATC	No	3166-3168	3166	3168	39	99	7.262	No	Yes	33.6754	88	6.918	No	Yes	4.52173	9	1.754	0.648178	3	1.498
1905	Calibration	SEGWay	28	A22 Near Middleton Road	NB	Jan-17	ATC	No	3216-5891	3216	5891	573	558	0.632	Yes	Yes	483.4039	476	0.356	Yes	Yes	77.24121	72	0.619	11.90483	10	0.571
1906	Calibration	SEGWay	28	A22 Near Middleton Road	SB	Jan-17	ATC	No	5891-3216	5891	3216	447	517	3.171	Yes	Yes	377.4242	439	3.026	Yes	Yes	60.29466	61	0.143	9.292933	17	2.048
1907	Calibration	SEGWay	29	Middleton Road Connecting A12	EB	Jan-17	ATC	No	3216-5856	3216	5856	106	122	1.431	Yes	Yes	92.23198	103	1.044	Yes	Yes	12.38436	14	0.538	1.775264	5	1.664
1908	Calibration	SEGWay	29	Middleton Road Connecting A12	WB	Jan-17	ATC	No	5856-3216	5856	3216	151	130	1.771	Yes	Yes	130.6262	112	1.692	Yes	Yes	17.5397	16	0.366	2.514269	2	0.574
1909	Calibration	SEGWay	30	Mill Lane East of Stratford St Andrew	EB	Jan-17	ATC	No	7376-1300	7376	1300	17	26	2.068	Yes	Yes	14.49972	25	2.351	Yes	Yes	1.946936	1	0.440	0.279088	0	0.747
1910	Calibration	SEGWay	30	Mill Lane East of Stratford St Andrew	WB	Jan-17	ATC	No	1300-7376	1300	7376	25	27	0.275	Yes	Yes	22.04988	24	0.496	Yes	Yes	2.960725	2	0.752	0.424412	1	0.245
1911	Calibration	SEGWay	31	A12 South Of B1078	NB	Jan-17	ATC	No	5772-3170	5772	3170	854	904	1.690	Yes	Yes	721.0497	764	1.586	Yes	Yes	115.1899	117	0.141	17.75367	23	1.185
1912	Calibration	SEGWay	31	A12 South Of B1078	SB	Jan-17	ATC	No	3171-5774	3171	5774	753	751	0.060	Yes	Yes	635.5386	637	0.056	Yes	Yes	101.5292	98	0.403	15.64822	17	0.241
1915	Validation	SEGWay	33	Abbey Lane	NB	Jan-17	ATC	No	5519-5520	5519	5520	28	50	3.513	Yes	Yes	24.55944	40	2.753	Yes	Yes	3.297695	6	1.332	0.472716	4	2.334
1916	Validation	SEGWay	33	Abbey Lane	SB	Jan-17	ATC	No	5520-5519	5520	5519	59	96	4.282	Yes	Yes	50.72759	89	4.550	Yes	Yes	6.811396	6	0.268	0.976395	1	0.326
1917	Calibration	SEGWay	34	King Georges Avenue	EB	Jan-17	ATC	No	6023-7333	6023	7333	70	78	0.945	Yes	Yes	60.27252	60	0.000	Yes	Yes	8.093032	17	2.466	1.160114	1	0.630
1918	Calibration	SEGWay	34	King Georges Avenue	WB	Jan-17	ATC	No	7333-6023	7333	6023	214	172	2.989	Yes	Yes	185.5364	149	2.811	Yes	Yes	24.91272	21	0.911	3.571171	3	0.476
1919	Validation	SEGWay	35	Lovers Lane	EB	Jan-17	ATC	No	7332-7333	7332	7333	38	47	1.477	Yes	Yes	32.71018	32	0.125	Yes	Yes	4.392126	9	1.641	0.629599	7	3.200
1920	Validation	SEGWay	35	Lovers Lane	WB	Jan-17	ATC	No	7333-7332	7333	7332	189	138	3.971	Yes	Yes	164.0871	126	3.191	Yes	Yes	22.03263	10	2.868	3.158319	2	0.522
1921	Calibration	SEGWay	36	Easton Road	NB	Jan-17	ATC	No	7309-5971	7309	5971	100	112	1.197	Yes	Yes	86.53259	99	1.271	Yes	Yes	11.61908	12	0.128	1.665563	1	0.293
1922	Calibration	SEGWay	36	Easton Road	SB	Jan-17	ATC	No	5971-7309	5971	7309	79	78	0.029	Yes	Yes	68.20876	69	0.045	Yes	Yes	9.158663	10	0.205	1.31287	0	1.518
2096	Calibration	SEGWay	1B	A12/B1078	Exit	Jan-17	ANPR/MCC	No	3177-3178	3177	3178	127	127	0.040	Yes	Yes	107.163	107	0.006	Yes	Yes	19.42702	19	0.075	0	1	1.295
2097	Calibration	SEGWay	1B	A12/B1078	pproac	Jan-17	ANPR/MCC	No	3174-3176	3174	3176	120	118	0.143	Yes	Yes	100.2173	100	0.022	Yes	Yes	16.51297	17	0.119	2.962026	1	1.280
2102	Calibration	SEGWay	1E	A12/B1078	pproac	Jan-17	ANPR/MCC	No	3170-3172	3170	3172	241	242	0.108	Yes	Yes	211.3493	210	0.104	Yes	Yes	24.28377	28	0.668	4.93671	5	0.102
2103	Calibration	SEGWay	1E	A12/B1078	Exit	Jan-17	ANPR/MCC	No	3173-3171	3173	3171	249	248	0.087	Yes	Yes	218.295	217	0.075	Yes	Yes	27.19783	27	0.044	3.949368	4	0.018
2106	Validation	SEGWay	2A	A12/A1094	pproac	Jan-17	MCC	No	6017-3179	6017	3179	713	757	1.618	Yes	Yes	598.3268	639	1.634	Yes	Yes	101.0205	100	0.144	13.82279	18	1.158
2107	Validation	SEGWay	2A	A12/A1094	Exit	Jan-17	MCC	No	3179-6017	3179	6017	642	628	0.578	Yes	Yes	544.7453	530	0.630	Yes	Yes	82.56483	83	0.036	14.81013	15	0.075
2120	Calibration	Ipswich	1	Saw Hill North of Pigeons Lane	NB	Jan-17	ATC	No	0035-5003	50035	50034	390	84	19.906	No	No	358.2884	72	19.522	No	No	29.5724	11	4.173	1.974684	1	1.006
2121	Calibration	Ipswich	1	Saw Hill North of Pigeons Lane	SB	Jan-17	ATC	No	0034-5003	50034	50035	302	108	13.526	No	No	284.9094	98	13.478	No	No	16.51297	9	2.024	0.658228	1	0.087
2122	Calibration	Ipswich	3	Burstall Lane West of B1113	EB	Jan-17	ATC	No	5841-3013	5841	30135	153	222	5.006	No	Yes	143.6685	180	2.889	Yes	Yes	9.17387	40	6.186	0.329114	1	1.209
2123	Calibration	Ipswich	3	Burstall Lane West of B1113	WB	Jan-17	ATC	No	30135-5841	30135	5841	121	240	8.807	No	No	118.5099	205	6.768	No	Yes	2.158558	33	7.299	0.658228	3	1.488
2124	Calibration	Ipswich	6	Somersham Road East of The Beeches	EB	Jan-17	ATC	No	5643-5002	5643	50029	116	901	34.823	No	No	108.4401	811	32.758	No	No	6.907385	84	11.469	0.548523	6	3.043
2125	Calibration	Ipswich	6	Somersham Road East of The Beeches	WB	Jan-17	ATC	No	50029-5643	50029	5643	178	664	23.662	No	No	170.3901	592	21.590	No	No	7.231168	63	9.461	0.877637	9	3.605
2126	Calibration	Ipswich	11	Henley Road	NB	Jan-17	ATC	No	0083-5008	50083	50084	264	185	5.273	No	Yes	253.9839	151	7.255	No	No	8.958014	24	3.621	1.316456	11	3.870
2127	Calibration	Ipswich	11	Henley Road	SB	Jan-17	ATC	No	0084-5008	50084	50083	389	285	5.709	No	No	372.252	260	6.301	No	No	15.97333	17	0.229	1.097047	7	3.063
2128	Calibration	Ipswich	12	Westerfield Road	NB	Jan-17	ATC	No	0536-5008	30536	50082	179	169	0.805	Yes	Yes	173.5335	151	1.793	Yes	Yes	5.504322	16	3.283	0.109705	1	1.530
2129	Calibration	Ipswich	12	Westerfield Road	SB	Jan-17	ATC	No	0082-3053	50082	30536	173	156	1.307	Yes	Yes	162.1778	136	2.120	Yes	Yes	10.03729	19	2.443	0.438819	0	0.404
2130	Calibration	Ipswich	13	Clopton Road	NB	Jan-17	ATC	No	0077-5008	50077	50080	50	35	2.259	Yes	Yes	48.2895	30	2.854	Yes	Yes	1.079279	3	1.575	0.438819	1	0.885
2131	Calibration	Ipswich	13	Clopton Road	SB	Jan-17	ATC	No	0080-5007	50080	50077	39	38	0.269	Yes	Yes	36.27225	34	0.370	Yes	Yes	2.698197	1	1.543	0.219409	3	2.080
2132	Calibration	Ipswich	14	ned Road[30M]Btwn Holly Lane And Grundisburgh H	NB	Jan-17	ATC	No	0065-5006	50065	50063	196	396	11.638	No	No	190.8428	373	10.841	No	No	4.640899	18	3.901	0.219409	5	3.070
2133	Calibration	Ipswich	14	ned Road[30M]Btwn Holly Lane And Grundisburgh H	SB	Jan-17	ATC	No	0063-5006	50063	50065	168	278	7.377	No	No	159.9728	262	6.999	No	No	6.907385	14	2.147	0.987342	3	1.209
2134	Calibration	Ipswich	15	Ipswich Road[60M]North Of Culpho	NB	Jan-17	ATC	No	0074-5007	50074	50073	95	193	8.172	No	Yes	91.17675	185	7.995	No	Yes	3.453692	7	1.652	0.109705	0	0.398
2135	Calibration	Ipswich	15	Ipswich Road[60M]North Of Culpho	SB	Jan-17	ATC	No	0073-5007	50073	50074	73	100	2.872	Yes	Yes	68.24475	98	3.271	Yes	Yes	4.640899	2	1.700	0.219409	0	0.273

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
2136	Calibration	Ipswich	16	Lodge Road[30M]East Of Manor House Road	NB	Jan-17	ATC	No	0313-5005	30313	50059	35	2	7.829	No	Yes	32.96475	1	7.643	No	Yes	1.942702	0	1.739	0.109705	0	0.150
2137	Calibration	Ipswich	16	Lodge Road[30M]East Of Manor House Road	SB	Jan-17	ATC	No	0059-3031	50059	30313	44	2	8.629	No	Yes	42.9975	2	8.521	No	Yes	0.971351	0	1.210	0.219409	0	0.624
2138	Calibration	Ipswich	19	Sandy Lane[60M]East Of Top Street	EB	Jan-17	ATC	No	5447-5448	5447	5448	50	224	14.853	No	No	47.187	210	14.354	No	No	2.914053	13	3.578	0.219409	1	1.348
2139	Calibration	Ipswich	19	Sandy Lane[60M]East Of Top Street	WB	Jan-17	ATC	No	5448-5447	5448	5447	56	136	8.163	No	Yes	50.82525	128	8.186	No	Yes	4.532971	7	1.061	0.548523	0	0.149
2140	Calibration	Ipswich	20	School Lane[60M]East Of Viking Heights	NB	Jan-17	ATC	No	0580-3030	30580	30309	87	200	9.453	No	No	80.0415	185	9.090	No	No	6.691529	14	2.197	0.329114	2	1.587
2141	Calibration	Ipswich	20	School Lane[60M]East Of Viking Heights	SB	Jan-17	ATC	No	0309-3058	30309	30580	67	92	2.751	Yes	Yes	63.39375	79	1.888	Yes	Yes	3.129909	10	2.652	0.658228	2	1.443
2142	Calibration	Ipswich	21	9-021 Suffolk. Newbourne Road East of A12. Eastb	EB	Jan-17	ATC	No	0611-3061	30611	30613	228	63	13.720	No	No	210.9083	50	14.085	No	No	13.9227	11	0.979	3.071731	2	0.649
2143	Calibration	Ipswich	21	9-021 Suffolk. Newbourne Road East of A12. Westb	WB	Jan-17	ATC	No	0613-3061	30613	30611	319	100	15.158	No	No	300.2108	90	15.025	No	No	16.83675	6	3.037	1.864979	3	0.668
2144	Calibration	Ipswich	22	ffolk. Main Road East of Road Connects Seven Hill	EB	Jan-17	ATC	No	0356-3061	30356	30618	97	59	4.246	Yes	Yes	88.4205	50	4.558	Yes	Yes	7.66288	8	0.103	0.767933	1	0.190
2145	Calibration	Ipswich	22	ffolk. Main Road East of Road Connects Seven Hill	WB	Jan-17	ATC	No	0618-3035	30618	30356	51	52	0.183	Yes	Yes	47.628	45	0.350	Yes	Yes	2.266486	6	1.665	0.877637	1	0.393
2146	Calibration	Ipswich	24	-024 Suffolk. Felixstowe Road East of A1156. Eastb	EB	Jan-17	ATC	No	0259-3034	30259	30349	141	12	14.815	No	No	133.9538	3	15.756	No	No	5.396394	0	3.115	1.864979	8	2.793
2147	Calibration	Ipswich	24	-024 Suffolk. Felixstowe Road East of A1156. Westb	WB	Jan-17	ATC	No	0349-3025	30349	30259	212	18	18.071	No	No	201.4268	0	20.071	No	No	9.929365	0	4.456	0.877637	18	5.616
2148	Calibration	Ipswich	25	5 Suffolk. The Street South of Felixstowe Road. No	NB	Jan-17	ATC	No	0263-3025	30263	30258	92	96	0.400	Yes	Yes	88.31025	87	0.175	Yes	Yes	3.345764	9	2.368	0.438819	0	0.937
2149	Calibration	Ipswich	25	5 Suffolk. The Street South of Felixstowe Road. So	SB	Jan-17	ATC	No	0258-3026	30258	30263	75	68	0.745	Yes	Yes	71.001	60	1.399	Yes	Yes	3.237837	9	2.233	0.438819	0	0.937
2150	Calibration	Ipswich	26	39-026 Suffolk. Nacton Road South of A14. Northbo	NB	Jan-17	ATC	No	0260-3008	30260	30080	100	46	6.252	No	Yes	96.02153	39	7.005	No	Yes	3.56162	5	0.633	0.219409	3	2.162
2151	Calibration	Ipswich	26	39-026 Suffolk. Nacton Road South of A14. Southbo	SB	Jan-17	ATC	No	0080-3026	30080	30260	70	192	10.727	No	No	67.1602	168	9.329	No	No	2.374413	19	5.067	0.109705	5	3.103
2152	Validation	Ipswich	32	14139-032 Suffolk. B1067 East of A14. Eastbound	EB	Jan-17	ATC	No	0744-3078	30744	30780	236	273	2.297	Yes	Yes	225.1842	257	2.025	Yes	Yes	10.19919	11	0.321	1.11076	5	2.335
2153	Validation	Ipswich	32	14139-032 Suffolk. B1067 East of A14. Westbound	WB	Jan-17	ATC	No	0780-3074	30780	30744	260	231	1.865	Yes	Yes	251.8508	208	2.901	Yes	Yes	6.920876	19	3.366	1.604431	4	1.530
2154	Validation	Ipswich	33	k. Sproughton Road East of A14 West of Farthing R	EB	Jan-17	ATC	No	0029-3073	30029	30739	733	699	1.268	Yes	Yes	685.9011	596	3.564	Yes	Yes	40.14917	103	7.451	6.80169	0	3.688
2155	Validation	Ipswich	33	k. Sproughton Road East of A14 West of Farthing R	WB	Jan-17	ATC	No	0739-3002	30739	30029	778	599	6.831	No	No	734.563	554	7.119	No	No	35.18449	45	1.518	8.118146	0	4.029
2156	Validation	Ipswich	34	9-034 Suffolk. A1071 West of Hadleigh Road. Eastb	EB	Jan-17	ATC	No	0034-3015	50034	30150	802	383	17.187	No	No	747.3629	350	16.949	No	No	34.10521	20	2.617	20.40507	13	1.885
2157	Validation	Ipswich	34	9-034 Suffolk. A1071 West of Hadleigh Road. Westb	WB	Jan-17	ATC	No	0150-5003	30150	50034	800	634	6.190	No	No	771.6387	533	9.338	No	No	23.95999	75	7.289	4.388187	26	5.510
2158	Validation	Ipswich	36	9-036 Suffolk. Scrivener Drive East of A1214. Eastb	EB	Jan-17	ATC	No	5729-3015	5729	30159	878	1062	5.907	No	No	832.8799	975	4.720	Yes	No	41.55224	76	4.497	3.51055	11	2.812
2159	Validation	Ipswich	36	9-036 Suffolk. Scrivener Drive East of A1214.Westb	WB	Jan-17	ATC	No	30159-5731	30159	5731	577	514	2.688	Yes	Yes	543.4464	448	4.286	Yes	Yes	24.3917	55	4.921	8.995783	11	0.498
2160	Calibration	Ipswich	38	8 Suffolk. Bramford Lane East of Cromer Road. No	NB	Jan-17	ATC	No	0266-3082	20266	30829	148	241	6.679	No	Yes	142.7703	228	6.276	No	Yes	4.640899	12	2.634	0.109705	0	0.468
2161	Calibration	Ipswich	38	8 Suffolk. Bramford Lane East of Cromer Road. So	SB	Jan-17	ATC	No	0829-2026	30829	20266	280	243	2.261	Yes	Yes	264.9097	225	2.540	Yes	Yes	11.54828	18	1.757	3.620254	0	2.691
2162	Calibration	Ipswich	40	Dale Hale Lane South Of Larchcroft Road	NB	Jan-17	ATC	No	0828-3082	30828	30827	228	193	2.431	Yes	Yes	219.0388	158	4.459	Yes	Yes	8.310447	1	3.130	0.767933	34	7.921
2163	Calibration	Ipswich	40	Dale Hale Lane South Of Larchcroft Road [30M]	SB	Jan-17	ATC	No	0827-3082	30827	30828	167	151	1.292	Yes	Yes	160.4383	117	3.691	Yes	Yes	6.799457	3	1.690	0.109705	31	7.836
2164	Calibration	Ipswich	43	Hadleigh Road West Of Dunlop Road [30M]	EB	Jan-17	ATC	No	0146-3078	30146	30782	425	461	1.719	Yes	Yes	389.5731	427	1.836	Yes	Yes	32.16251	25	1.356	3.400845	10	2.477
2165	Calibration	Ipswich	43	Hadleigh Road West Of Dunlop Road [30M]	WB	Jan-17	ATC	No	0782-3014	30782	30146	462	160	17.120	No	No	438.0228	141	17.422	No	No	21.97682	14	1.941	1.604431	5	1.693
2166	Calibration	Ipswich	44	A1214 East Dickens Road	NB	Jan-17	ATC	No	0381-3014	30381	30148	877	500	14.391	No	No	816.7866	446	14.755	No	No	41.98395	37	0.767	18.32068	16	0.477
2167	Calibration	Ipswich	44	A1214 East Dickens Road	SB	Jan-17	ATC	No	0148-3038	30148	30381	611	919	11.141	No	No	576.1292	852	10.308	No	No	23.63621	44	3.440	11.40929	24	3.048
2168	Calibration	Ipswich	45	Ancaster Rd [30M]	NB	Jan-17	ATC	No	0171-3016	30171	30167	281	386	5.752	No	No	266.1717	373	5.971	No	No	10.3206	13	0.682	4.072786	0	2.854
2169	Calibration	Ipswich	45	Ancaster Rd [30M]	SB	Jan-17	ATC	No	0167-3017	30167	30171	440	556	5.172	No	No	420.8624	539	5.383	No	No	18.09141	17	0.302	1.234178	0	1.571
2170	Calibration	Ipswich	47	Maidenhead Approach [30M]	NB	Jan-17	ATC	No	0194-3020	30194	30206	137	291	10.529	No	No	128.6238	274	10.226	No	No	7.944263	17	2.643	0.405515	0	0.901
2171	Calibration	Ipswich	47	Maidenhead Approach [30M]	SB	Jan-17	ATC	No	0206-3019	30206	30194	236	166	4.932	Yes	Yes	224.8138	155	5.042	No	Yes	10.9277	11	0.013	0.493671	0	0.994
2172	Calibration	Ipswich	48	ushmere Road West Of Humber Douchy Lane [30M	NB	Jan-17	ATC	No	0446-3032	30446	30320	136	76	5.788	No	Yes	130.2601	68	6.239	No	Yes	5.396394	8	0.904	0.219409	0	0.383
2173	Calibration	Ipswich	48	ushmere Road West Of Humber Douchy Lane [30M	SB	Jan-17	ATC	No	0320-3044	30320	30446	201	386	10.822	No	No	192.5918	373	10.703	No	No	7.878736	13	1.661	0.438819	1	0.178
2174	Calibration	Ipswich	51	Foxhall Road W Of Chilton Road [30]	EB	Jan-17	ATC	No	0445-3044	30445	30442	440	380	2.954	Yes	Yes	418.9831	344	3.827	Yes	Yes	14.67819	36	4.166	5.924053	0	3.442
2175	Calibration	Ipswich	51	Foxhall Road W Of Chilton Road [30]	WB	Jan-17	ATC	No	0442-3044	30442	30445	563	503	2.595	Yes	Yes	539.2569	464	3.371	Yes	Yes	19.96666	39	3.530	3.620254	0	2.691
2176	Validation	Ipswich	54	Martlesham Road[30M]West Of A12	EB	Jan-17	ATC	No	0392-3031	30392	30310	125	119	0.518	Yes	Yes	121.8263	103	1.761	Yes	Yes	2.482341	14	4.077	0.329114	1	1.212
2177	Validation	Ipswich	54	Martlesham Road[30M]West Of A12	WB	Jan-17	ATC	No	0310-3039	30310	30392	177	278	6.698	No	No	171.7695	267	6.420	No	Yes	4.532971	10	2.019	0.438819	1	0.542
2178	Validation	Ipswich	56	Foxhall Road[60M]West Of A12	EB	Jan-17	ATC	No	0280-3060	30280	30609	448	158	16.679	No	No	433.1723	142	17.207	No	No	13.49099	11	0.643	1.535865	5	1.967
2179	Validation	Ipswich	56	Foxhall Road[60M]West Of A12	WB	Jan-17	ATC	No	0609-3028	30609	30280	904	517	14.532	No	No	862.9268	496	14.078	No	No	33.45764	16	3.449	8.008441	5	1.287
2180	Validation	Ipswich	60	Bucklesham Road West Of A12 [60M]	EB	Jan-17	ATC	No	0268-3035	30268	30355	49	12	6.842	No	Yes	44.3205	10	6.689	No	Yes	4.10126	2	1.326	0.877637	0	1.019
2181	Validation	Ipswich	60	Bucklesham Road West Of A12 [60M]	WB	Jan-17	ATC	No	0355-3026	30355	30268	49	10	7.228	No	Yes	44.43075	8	7.042	No	Yes	4.209187	1	1.655	0.329114	0	0.543
2182	Validation	Ipswich	62A	Crown Street [30m]	EB	Jan-17	ATC	No	0066-7030	10066	70307	417	497	3.739	Yes	Yes	393.4551	447	2.588	Yes	Yes	14.44885	50	6.263	8.886079	0	4.078
2183	Validation	Ipswich	62A	Crown Street [30m]	WB	Jan-17	ATC	No	0307-1006	70307	10066	438	454	0.756	Yes	Yes	404.3192	405	0.048	Yes	Yes	24.04094	48	3.970	10.12026	1	3.673
2184	Validation	Ipswich	62B	Fonnereau Road [30m]	NB	Jan-17	ATC	No	0028-2003	10028	20033	182	227	3.113	Yes	Yes	176.5614	208	2.280	Yes	Yes	4.707316	17	3.661	0.835443	2	0.800
2185	Validation	Ipswich	62B	Fonnereau Road [30m]	SB	Jan-17	ATC	No	0033-1002	20033	10028	212	233	1.424	Yes	Yes	202.9241	217	0.984	Yes	Yes	7.47193	16	2.508	1.822785	0	1.602
2186	Validation	Ipswich	63	Dogs Head St [20m]	EB	Jan-17	ATC	No	0064-1004	10064	10045	11	6	1.826	Yes	Yes	11.30311	5	2.018	Yes	Yes	0	0	0.938	0.109705	0	0.035
2187	Validation	Ipswich	63	Dogs Head St [20m]	WB	Jan-17	ATC	No	0045-1006	10045	10064						187.6535					47.91998			7.130804		
2188	Validation	Ipswich	64	Turret Lane [20m]	EB	Jan-17	ATC	No	0135-1013	10135	10132	11	58	8.011	No	Yes	10.64467	53	7.494	No	Yes	0.107928	4	2.686	0	1	1.248
2189	Validation	Ipswich	64	Turret Lane [20m]	WB	Jan-17	ATC	No	0132-1013	10132	10135	28	371	24.269	No	No	28.20289	352	23.489	No	No	0	19	6.179	0.109705	0	0.266
2190	Validation	Ipswich	65	A1022 [30m]	EB	Jan-17	ATC	No	0084-1004	10084	10042	859	1107	7.934	No	No	8047427	1014	6.947	No	No	34.34805	91	7.116	19.62342	3	5.089
2191	Validation	Ipswich	65	A1022 [30m]	WB	Jan-17	ATC	No	0042-1008	10042	10084						161.4396					0			0		
2192	Validation	Ipswich	66	College St East Of Foundary Lane [30m]	EB	Jan-17	ATC	No	0115-1001	10115	10011						179.1487					0.107928			0		
2193	Validation	Ipswich	66	College St East Of Foundary Lane [30m]	WB	Jan-17	ATC	No	0011-1011	10011	10115	909	897	0.377	Yes	Yes	819.5849	828	0.299	Yes	Yes	46.0987	60	1.861	42.83968	9	6.547
2194	Calibration	Ipswich	67	Graham Road North of Anglesea road [30m]	NB	Jan-17	ATC	No	0029-2025	20029	20259	68	206	11.837	No	No	66.61151	199	11.487	No	No	0.755495	7	3.162	0.219409	0	0.380
2195	Calibration	Ipswich	67	Graham Road North of Anglesea road [30m]	SB	Jan-17	ATC	No	0259-2002	20259	20029	22	72	7.206	No	Yes	21.28934	57	5.736	No	Yes	1.187207	13	4.446	0	2	1.858
2200	Calibration	Ipswich	70	Henley Road [30m]	NB	Jan-17	ATC	No	0031-2004	20031	20041	809	462	13.753	No	No	786.5398	449	13.576	No	No	19.06276	7	3.500	3.455697	7	1.435
2201	Calibration	Ipswich	70	Henley Road [30m]	SB	Jan-17	ATC	No	0041-2003	20041	20031	328	132	12.947	No	No	317.1591	114	13.829	No	No	6.556619	10	1.172	4.196204	8	1.418
2202	Calibration	Ipswich	71	Bolton Road	NB	Jan-17	ATC	No	0320-2003	20320	20035	275	323	2.777	Yes	Yes	267.6532	304	2.150	Yes	Yes	7.163713	18	3.068	0.617089	1	0.804
2203	Calibration	Ipswich	71	Bolton Road	SB	Jan-17	ATC	No	0035-2032	20035	20320	178	91	7.495	No	Yes	169.5054	83	7.697	No	Yes	7.285132	7	0.229	1.357595	1	0.101
2204	Calibration	Ipswich	72 A	Cobbald St	WB	Jan-17	ATC	No	0086-1008	10086	10087	43	38	0.775	Yes	Yes	32.46899	32	0.106	Yes	Yes	9.834928	6	1.439	0.617089	0	0.446
2205	Validation	Ipswich	84	A137	NB	Jan-17	ATC	No	0061-3022	30061	30221	1054	904	4.801	Yes	Yes	1002.259	782	7.358	No	No	45.6535	110	7.324	6.362871	11	1.653
2206	Validation	Ipswich	84	A137	SB	Jan-17	ATC	No	0221-3006	30221	30061	1021	1009	0.400	Yes	Yes	960.9898	920	1.338	Yes	Yes	36.26377	81	5.834	24.24473	8	4.085
2207	Validation	Ipswich	85	The Strand	NB	Jan-17	ATC	No	0049-3022	50049	30222	314	339	1.385	Yes	Yes	297.7314	316	1.034	Yes	Yes	13.66367	22	1.957	2.567089	1	0.977
2208	Validation	Ipswich	85	The Strand	SB	Jan-17	ATC	No	0222-5004	30222	50049	559	548	0.460	Yes	Yes	534.2216	501	1.465	Yes	Yes	22.79437	46	3.921	1.843039	1	0.355
2209	Validation	Ipswich	86	Nacton Road	NB	Jan-17	ATC	No	0078-3077	30078	30778	961	998	1.164	Yes	Yes	913.686	851	2.123	Yes	Yes	30.21981	129	11.103	17.22363	18	0.072
2210	Validation	Ipswich	86	Nacton Road	SB	Jan-17	ATC	No	0778-3007	30778	30078	1183	1369	5.202	No	No	1127.457	1232	3.039	Yes	Yes	41.22845	116	8.443	14.0422	21	1.568
2211	Validation	Ipswich	87 A	The Havens	NB	Jan-17	ATC	No	0079-3066	30079	30663	374	367	0.359	Yes	Yes	318.4623	275	2.525	Yes	Yes	41.98395	47	0.803	13.05486	44	5.832
2212	Validation	Ipswich	87 A	The Havens	SB	Jan-17	ATC	No	0663-3007	30663	30079	608	954	12.395	No	No	568.3377	854	10.725	No	No	19.42702	78	8.389	19.74684	22	0.386
2213	Validation	Ipswich	88	Felixstowe Road	EB	Jan-17	ATC	No	0257-3025	30257	30258	514	518	0.168	Yes	Yes	494.1405	462	1.450	Yes	Yes	18.77945	52	5.610	0.987342	3	1.473
2214	Validation	Ipswich	88	Felixstowe Road	WB	Jan-17	ATC	No	0258-3025	30258	30257	753	726	0.995	Yes	Yes	727.65	643	3.223	Yes	Yes	20.39837	63	6.574	4.93671	20	4.235
2215	Calibration	Ipswich	90	Tuddenham Road	NB	Jan-17	ATC	No	0541-3079	30541	30790	320	437	5.978	No	No	316.2675	421	5.449	No	No	3.237837	9	2.372	0.987342	7	2.946
2216	Calibration	Ipswich	90	Tuddenham Road	SB	Jan-17	ATC	No	0790-3054	30790	30541	260	328	3.970	Yes	Yes	247.4612	315	4.030	Yes	Yes	10.90072	9	0.723	1.426161	4	1.628
2217	Calibration	Ipswich	91	Sidegate Lane	EB	Jan-17	ATC	No	0327-3055	30327	30556	174	93	7.061	No	Yes	164.7181	75	8.224	No	Yes	8.958014	2	3.046	0.329114	16	5.466
2218	Calibration	Ipswich	91	Sidegate Lane	WB	Jan-17	ATC	No	0556-3032	30556	30327	151	140	0.972	Yes	Yes	143.9774	127	1.488	Yes	Yes	6.691529	5	0.917	0.548523	8	3.689
2219	Calibration	Ipswich	92	Renfrew road	NB	Jan-17	ATC	No	0770-3040	30770	30400	157	136	1.750	Yes	Yes	149.9033	132	1.478	Yes	Yes	6.907385	1	2.916	0.109705	2	2.008
2220	Calibration	Ipswich	92	Renfew Road	SB	Jan-17	ATC	No	0400-3077	30400	30770	131	76	5.420	No	Yes	125.4316	73	5.226	No	Yes	4.856755	2	1.792	0.219409	1	0.525
2221	Calibration	Ipswich	93	Humber Douchy Lane	NB	Jan-17	ATC	No	0300-3064	30300	30641	102	108	0.611	Yes	Yes	98.32604	102	0.352	Yes	Yes	3.777476	2	0.777	0.109705	4	2.794
2222	Calibration	Ipswich	93	Humber Douchy Lane	SB	Jan-17	ATC	No	0641-3030	30641	30300	72	50	2.800	Yes	Yes	68.47707	43	3.368	Yes	Yes	2.806125	1	1.523	0.219409	6	3.165
2223	Calibration	Ipswich	94	East of Humber Douchy Road	EB	Jan-17	ATC	No	0300-3056	30300	30562	203	234	2.097	Yes	Yes	197.9952	211	0.940	Yes	Yes	3.737003	19	4.537	1.083334	3	1.502
2224	Calibration	Ipswich	94	East of Humber Douchy Road	WB	Jan-17	ATC	No	0562-3030	30562	30300	104	221	9.206	No	No	99.56953	210	8.893	No	No	3.885404	9	2.031	0.246836	2	1.473
2225	Calibration	Ipswich	97	Bucklesham Road	EB	Jan-17	ATC	No	0440-3062	30440	30628	83	15	9.664	No	Yes	78.057	13	9.630	No	Yes	4.209187	2	1.342	0.329114	0	0.404
2226	Calibration	Ipswich	97	Bucklesham Road	WB	Jan-17	ATC	No	0628-3044	30628	30440	199	89	9.127	No	No	191.835	86	9.027	No	No	6.799457	4	1.418	0.219409	0	0.052
2227	Calibration	Ipswich	99	Lindbergh Road North of Campbell Road	NB	Jan-17	ATC	No	0435-3025	30435	30254	193	112	6.599	No	No	185.5685	107	6.543	No	Yes	7.339096	2	2.429	0.548523	3	2.004
2228	Calibration	Ipswich	99	Lindbergh Road North of Campbell Road	SB	Jan-17	ATC	No	0254-3043	30254	30435	109	67	4.419	Yes	Yes	102.6059	60	4.715	Yes	Yes	6.151889	2	2.247	0.219409	6	3.182
2229	Calibration	Ipswich	100	Nacton Road South of Landseer Road	NB	Jan-17	ATC	No	0671-3024	30671	30241	762	675	3.259	Yes	Yes	709.2424	617	3.589	Yes	Yes	36.58755	52	2.381	16.4557	6	3.264
2230	Calibration	Ipswich	100	Nacton Road South of Landseer Road	SB	Jan-17	ATC	No	0241-3067	30241	30671	620	752	5.020	No	No	596.4309	684	3.477	Yes	Yes	17.05261	64	7.423	6.80169	3	1.772
2231	Calibration	Ipswich	103	Cliff Lane East of Landseer Road	EB	Jan-17	ATC	No	0227-3068	30227	30686	139	120	1.642	Yes	Yes	129.7114	119	0.945	Yes	Yes	8.418375	1	3.648	0.548523	0	0.605
2232	Calibration	Ipswich	103	Cliff Lane East of Landseer Road	WB	Jan-17	ATC	No	0686-3022	30686	30227	93	53	4.734	Yes	Yes	87.68137	47	4.969	Yes	Yes	4.640899	5	0.330	0.767933	0	0.521

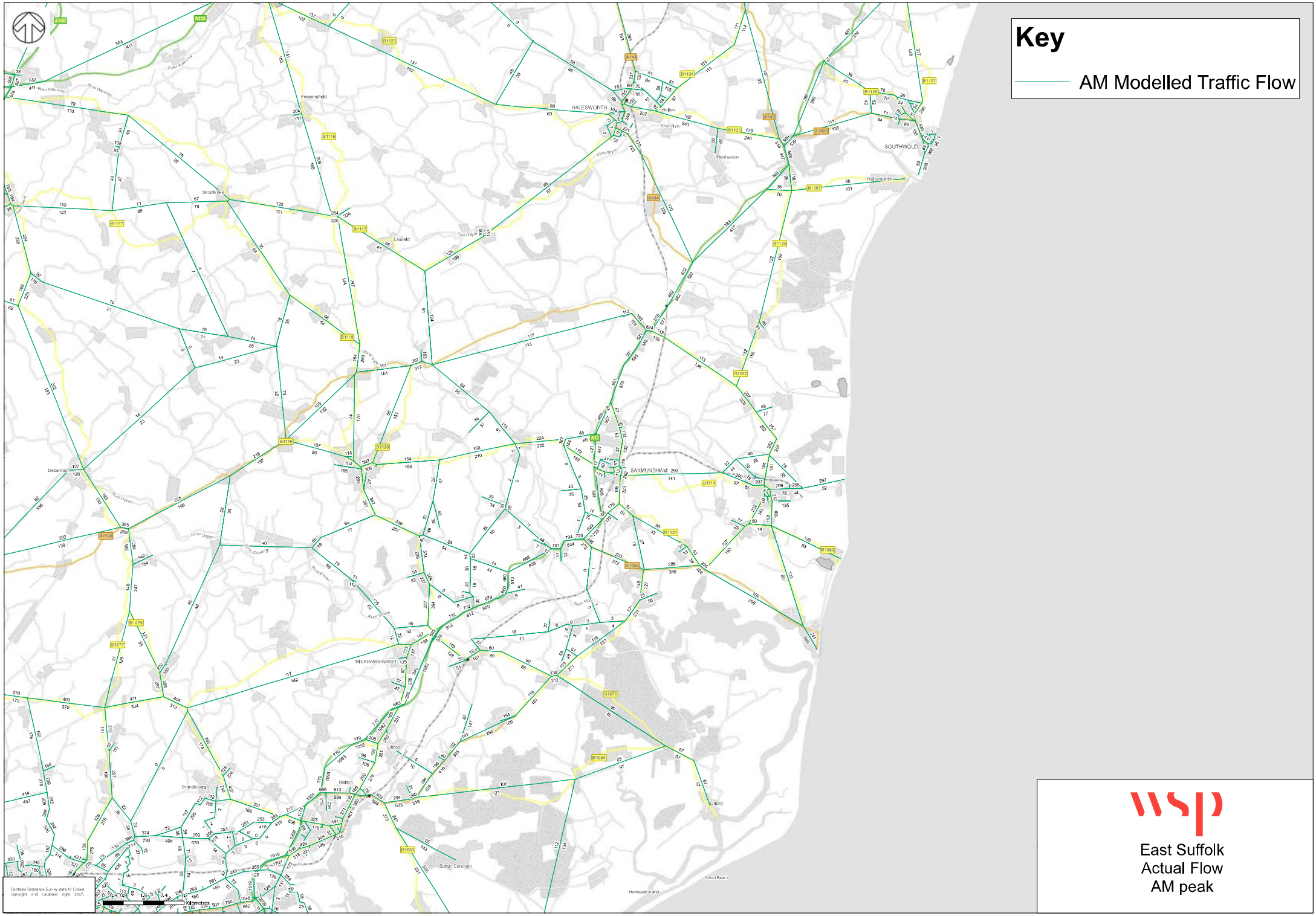
ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	Observed	Modelled	GEH
2233	Calibration	Ipswich	104	Holywell Road South of Patteson Road	NB	Jan-17	ATC	No	0114-3022	70114	30226	365	339	1.400	Yes	Yes	344.0314	290	3.030	Yes	Yes	19.10324	35	3.028	2.303798	14	4.152
2234	Calibration	Ipswich	104	Holywell Road South of Patteson Road	SB	Jan-17	ATC	No	0226-7011	30226	70114	328	318	0.612	Yes	Yes	310.0124	292	1.055	Yes	Yes	16.72882	25	1.741	1.755275	1	0.516
2235	Calibration	Ipswich	105	Cliff Road South of Patterson Road	NB	Jan-17	ATC	No	0076-7009	70076	70094	51	52	0.070	Yes	Yes	46.41955	48	0.299	Yes	Yes	2.374413	2	0.149	2.413503	1	1.007
2236	Calibration	Ipswich	105	Cliff Road South of Patterson Road	SB	Jan-17	ATC	No	0094-7007	70094	70076	17	42	4.705	Yes	Yes	13.38814	40	5.095	No	Yes	1.618918	2	0.190	1.755275	1	0.791
2237	Calibration	Ipswich	108	Between Hadham Road and Yarmouth Road	EB	Jan-17	ATC	No	0148-2001	30148	20014	996	886	3.585	Yes	Yes	924.2429	820	3.542	Yes	Yes	40.53771	40	0.089	31.00254	26	0.900
2238	Calibration	Ipswich	108	Between Hadham Road and Yarmouth Road	WB	Jan-17	ATC	No	0014-3014	20014	30148	1259	966	8.790	No	No	1180.007	893	8.913	No	No	44.7284	42	0.359	34.08681	30	0.674
2239	Calibration	Ipswich	109	Between Beaconsfield Road and Yarmouth Road	EB	Jan-17	ATC	No	0819-2002	30819	20025	454	443	0.537	Yes	Yes	429.4083	414	0.763	Yes	Yes	18.77945	28	1.897	6.033757	1	2.566
2240	Calibration	Ipswich	109	Between Beaconsfield Road and Yarmouth Road	WB	Jan-17	ATC	No	0025-3081	20025	30819	656	357	13.281	No	No	629.1331	334	13.428	No	No	22.449	21	0.322	4.607596	2	1.516
2241	Calibration	Ipswich	110	mford Lane Between All Saints and Brookshall Ro	NB	Jan-17	ATC	No	0145-3074	30145	30746	95	112	1.668	Yes	Yes	91.46736	109	1.716	Yes	Yes	2.698197	2	0.534	0.452532	1	0.671
2242	Calibration	Ipswich	110	mford Lane Between All Saints and Brookshall Ro	SB	Jan-17	ATC	No	0746-3014	30746	30145	170	94	6.667	No	Yes	165.1845	90	6.612	No	Yes	3.993332	2	1.247	0.877637	1	0.340
2243	Calibration	Ipswich	111	Norwich road Between Broom Hill and Westwood	NB	Jan-17	ATC	No	0027-2026	20027	20267	906	1101	6.158	No	No	851.3543	1049	6.425	No	No	35.6162	51	2.304	19.19832	1	5.695
2244	Calibration	Ipswich	111	Norwich road Between Broom Hill and Westwood	SB	Jan-17	ATC	No	0267-2002	20267	20027	659	851	6.990	No	No	632.6447	793	6.003	No	No	23.63621	58	5.320	2.962026	1	1.480
2245	Calibration	Ipswich	112	Dale Hall Lane North of Valley Road	NB	Jan-17	ATC	No	0043-2027	20043	20270	246	279	2.067	Yes	Yes	231.8654	236	0.248	Yes	Yes	13.48464	2	3.895	0.580789	41	8.897
2246	Calibration	Ipswich	112	Dale Hall Lane North of Valley Road	SB	Jan-17	ATC	No	0270-2004	20270	20043	224	183	2.905	Yes	Yes	212.7686	147	4.912	Yes	Yes	9.454483	5	1.761	1.884178	31	7.183
2247	Calibration	Ipswich	113	Henley Road N of Valley Road	NB	Jan-17	ATC	No	0044-3033	20044	30334	423	257	9.043	No	No	402.7417	241	8.985	No	No	15.75747	3	3.997	4.717301	12	2.420
2248	Calibration	Ipswich	113	Henley Road N of Valley Road	SB	Jan-17	ATC	No	0334-2004	30334	20044	545	360	8.685	No	No	521.0402	330	9.283	No	No	15.32576	8	2.152	8.556965	23	3.555
2249	Validation	Ipswich	114	Pownall Road	NB	Jan-17	ATC	No	0268-3076	70268	30760	63	25	5.703	No	Yes	60.90508	21	6.257	No	Yes	2.266486	3	0.581	0.109705	1	1.350
2250	Validation	Ipswich	114	Pownall Road	SB	Jan-17	ATC	No	0760-7026	30760	70268	74	102	2.944	Yes	Yes	71.44002	99	2.989	Yes	Yes	2.482341	3	0.141	0.219409	0	0.662
2251	Validation	Ipswich	115	Scrivener Drive	NB	Jan-17	ATC	No	0162-3015	30162	30155	213	133	6.100	No	Yes	202.5924	121	6.448	No	Yes	5.936034	11	1.643	4.497892	2	1.712
2252	Validation	Ipswich	115	Scrivener Drive	SB	Jan-17	ATC	No	0155-3016	30155	30162	291	67	16.727	No	No	279.7232	65	16.372	No	No	10.469	2	3.386	0.329114	0	0.581
2253	Validation	Ipswich	116	Robin Drive	NB	Jan-17	ATC	No	0165-3015	30165	30158	165	213	3.491	Yes	Yes	155.5	195	2.988	Yes	Yes	8.958014	12	1.048	0.658228	6	2.825
2254	Validation	Ipswich	116	Robin Drive	SB	Jan-17	ATC	No	0158-3016	30158	30165	326	380	2.872	Yes	Yes	310.5611	368	3.138	Yes	Yes	14.35441	8	1.850	0.658228	3	1.723
2255	Validation	Ipswich	117	Lovetofts Drive	NB	Jan-17	ATC	No	0128-3012	30128	30123	156	322	10.774	No	No	148.9157	299	10.023	No	No	4.532971	23	5.025	2.194094	0	2.095
2256	Validation	Ipswich	117	Lovetofts Drive	SB	Jan-17	ATC	No	0123-3012	30123	30128	423	168	14.834	No	No	396.3769	144	15.380	No	No	18.13188	24	1.357	8.556965	0	4.137
2257	Validation	Ipswich	118	Felixstowe Road West Of Derby Road	NB	Jan-17	ATC	No	0246-7016	30246	70167	294	415	6.424	No	No	280.6023	386	5.764	No	No	12.30378	28	3.430	0.987342	1	0.356
2258	Validation	Ipswich	118	Felixstowe Road West Of Derby Road	SB	Jan-17	ATC	No	0167-3024	70167	30246	333	514	8.842	No	No	314.8409	475	8.061	No	No	12.19585	38	5.093	5.485234	2	1.908
2259	Calibration	Ipswich	120	Landseer Road West Of Clapgate Lane	EB	Jan-17	ATC	No	0676-3023	30676	30235	423	560	6.175	No	No	395.06	513	5.525	No	No	21.04594	46	4.279	6.911395	1	2.729
2260	Calibration	Ipswich	120	Landseer Road West Of Clapgate Lane	WB	Jan-17	ATC	No	0235-3067	30235	30676	428	533	4.778	Yes	No	392.0971	470	3.743	Yes	Yes	27.84539	45	2.774	7.898737	18	2.856
2261	Validation	Ipswich	121	Nacton Road E Of Felixstowe Road Junction	NB	Jan-17	ATC	No	0146-3024	70146	30245	153	112	3.555	Yes	Yes	136.5544	150	3.358	Yes	Yes	14.90947	12	0.805	1.435956	0	1.695
2262	Validation	Ipswich	121	Nacton Road E Of Felixstowe Road Junction	SB	Jan-17	ATC	No	0245-7014	30245	70146	254	260	0.337	Yes	Yes	234.1671	229	0.368	Yes	Yes	19.55807	31	2.263	0.374171	0	0.865
2263	Validation	Ipswich	122	Ashcroft Road E Of Norwich Road	EB	Jan-17	ATC	No	0136-3047	30136	30477	219	343	7.383	No	No	206.8578	317	6.823	No	No	11.54828	6	1.846	0.767933	20	5.897
2264	Validation	Ipswich	122	Ashcroft Road E Of Norwich Road	WB	Jan-17	ATC	No	0477-3013	30477	30136	151	230	5.713	No	Yes	140.5755	203	4.792	Yes	Yes	8.202519	8	0.075	2.303798	18	4.945
2265	Validation	Ipswich	123	Grimwade St North Of Star Lane	NB	Jan-17	ATC	No	0018-1010	10018	10104						104.8829					0.121419			0		
2266	Validation	Ipswich	123	Grimwade St North Of Star Lane	SB	Jan-17	ATC	No	0104-1001	10104	10018	396	560	7.495	No	No	353.6061	511	7.586	No	No	17.2145	48	5.394	25.45148	1	6.806
2267	Validation	Ipswich	124	Duke St South Of Pownhall Road	NB	Jan-17	ATC	No	0093-3075	70093	30758	430	263	8.974	No	No	404.3287	213	10.886	No	No	17.18544	37	3.871	8.202534	12	1.272
2268	Validation	Ipswich	124	Duke St South Of Pownhall Road	SB	Jan-17	ATC	No	0758-7009	30758	70093	284	396	6.101	No	No	150.4755	365	13.383	No	No	7.146368	29	5.076	126.1682	2	15.459
2269	Validation	Ipswich	125	Fore Hamlet East Of Pownhall Road	NB	Jan-17	ATC	No	0431-3076	30431	30760	460	575	5.026	No	No	429.4083	546	5.265	No	No	23.2045	29	1.129	7.679327	0	3.919
2270	Validation	Ipswich	125	Fore Hamlet East Of Pownhall Road	SB	Jan-17	ATC	No	0760-3043	30760	30431	534	608	3.110	Yes	Yes	511.1637	552	1.763	Yes	Yes	20.07459	56	5.827	2.303798	0	2.147
2271	Calibration	Ipswich	126	Bridge Street	NB	Jan-17	ATC	No	0214-7016	30214	70166	842	1138	9.394	No	No	758.6387	1053	9.786	No	No	34.79518	78	5.804	48.80291	6	8.136
2272	Calibration	Ipswich	126	Bridge Street	SB	Jan-17	ATC	No	0166-3021	70166	30214	903	1358	13.529	No	No	816.0458	1272	14.120	No	No	32.66168	77	6.027	54.55065	9	8.193
2273	Validation	Ipswich	127	Grey Friars Road	NB	Jan-17	ATC	No	0007-7022	10007	70226	464	396	3.304	Yes	Yes	450.4919	373	3.844	Yes	Yes	11.04912	23	2.930	2.838608	0	2.171
2274	Validation	Ipswich	127	Grey Friars Road	SB	Jan-17	ATC	No	0226-1000	70226	10007	591	958	13.186	No	No	560.6148	896	12.436	No	No	18.45567	60	6.648	11.60127	1	4.145
2275	Validation	Ipswich	128	Grafton Way	EB	Jan-17	ATC	No	0001-1006	20001	10060	413	321	4.777	Yes	Yes	397.776	271	6.935	No	No	11.29195	47	6.599	3.949368	4	0.166
2276	Validation	Ipswich	128	Grafton Way	WB	Jan-17	ATC	No	0060-2000	10060	20001	377	431	2.694	Yes	Yes	359.875	396	1.834	Yes	Yes	14.08459	27	2.844	3.208862	9	2.301
2277	Validation	Ipswich	129	9-129 Suffolk. Bond St North of Star Lane. Northbo	NB	Jan-17	ATC	No	0054-7026	10054	70264	452	397	2.678	Yes	Yes	432.1517	375	2.827	Yes	Yes	16.18918	21	1.168	3.400845	0	2.608
2278	Validation	Ipswich	130	30 Suffolk. Spring Road West of Goring Road. Eas	EB	Jan-17	ATC	No	0064-2009	20064	20090	187	249	4.208	Yes	Yes	177.777	223	3.223	Yes	Yes	8.094591	13	1.469	0.767933	12	4.543
2279	Validation	Ipswich	130	30 Suffolk. Spring Road West of Goring Road. Wes	WB	Jan-17	ATC	No	0090-2006	20090	20064	286	252	2.030	Yes	Yes	275.1154	228	2.967	Yes	Yes	10.25315	19	2.200	0.219409	6	3.165
2280	Validation	Ipswich	131	31 Suffolk. Spring Road West of Railway Line. Eas	EB	Jan-17	ATC	No	0069-2006	20069	20067	211	447	12.986	No	No	201.9196	417	12.225	No	No	7.770808	30	5.135	1.755275	0	1.874
2281	Validation	Ipswich	131	31 Suffolk. Spring Road West of Railway Line. Wes	WB	Jan-17	ATC	No	0067-2006	20067	20069	217	352	7.986	No	No	208.9428	319	6.768	No	No	7.339096	33	5.729	0.987342	0	1.405
2282	Validation	Ipswich	132	14139-132 Suffolk. Wherestead Road. Northbound	NB	Jan-17	ATC	No	0785-3021	30785	30218	842	805	1.277	Yes	Yes	805.552	724	2.940	Yes	Yes	29.50479	81	6.949	7.034812	0	3.751
2283	Validation	Ipswich	132	14139-132 Suffolk. Wherestead Road. Southbound	SB	Jan-17	ATC	No	0218-3078	30218	30785	1041	1003	1.197	Yes	Yes	997.7734	940	1.844	Yes	Yes	35.09005	62	3.905	8.145572	0	4.036
2284	Validation	Ipswich	133	133 Suffolk. Fore Street East of Grimwade St. East	EB	Jan-17	ATC	No	0062-2007	10062	20072	966	1124	4.903	Yes	No	919.7491	1026	3.417	Yes	Yes	26.46931	96	8.856	19.62342	2	5.216
2285	Validation	Ipswich	133	133 Suffolk. Fore Street East of Grimwade St. Wes	WB	Jan-17	ATC	No	0072-1006	20072	10062	871	815	1.921	Yes	Yes	818.8853	739	2.872	Yes	Yes	36.78992	66	4.064	15.3038	11	1.323
2286	Validation	Ipswich	134	4 Suffolk. Fore Street North of Lower Orwell St. No	NB	Jan-17	ATC	No	0053-1005	10053	10051	142	244	7.321	No	No	126.1997	231	7.813	No	No	12.95135	13	0.971791	0	1.947
2287	Validation	Ipswich	134	4 Suffolk. Fore Street North of Lower Orwell St. So	SB	Jan-17	ATC	No	0051-1005	10051	10053	142	60	9.141	No	Yes	128.0653	56	7.501	No	Yes	13.05927	4	3.093	0.877637	0	1.229
2288	Validation	Ipswich	135	135 Suffolk. Foxhall Road Near Railway Line. East	EB	Jan-17	ATC	No	0076-2007	20076	20077	382	322	3.179	Yes	Yes	359.5046	290	3.845	Yes	Yes	14.67819	32	3.570	7.569623	0	3.891
2289	Validation	Ipswich	135	135 Suffolk. Foxhall Road Near Railway Line. Wes	WB	Jan-17	ATC	No	0077-2007	20077	20076	283	219	3.987	Yes	Yes	273.2498	204	4.509	Yes	Yes	8.310447	16	2.147	0.987342	0	1.405
2290	Validation	Ipswich	136	14112-136 Suffolk. Wherry Quay. Eastbound	EB	Jan-17	ATC	No	0004-7000	70004	70003	32	53	3.241	Yes	Yes	27.87368	50	3.507	Yes	Yes	1.295135	3	1.180	2.523208	0	2.246
2295	Calibration	Ipswich	72B	Christchurch Street	NB	Jan-17	ATC	No	0022-1008	10022	10086	80	179	8.673	No	Yes	78.02435	174	8.566	No	Yes	2.306959	5	1.443	0.123418	0	0.497
2296	Calibration	Ipswich	72B	Christchurch Street	SB	Jan-17	ATC	No	0086-1022	10086	10022	170	383	12.756	No	No	161.9746	351	11.818	No	No	8.135064	30	5.084	0.370253	1	0.621
2297	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm A - College Street	pproac	May-17	MCC	No	0115-1001	10115	10010	1337	849	14.757	No	No	1248	784	14.579	No	No	81	57	2.913	8	9	0.337
2298	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm A - Star Lane	Exit	May-17	MCC	No	0007-1004	10007	10041	1204	1084	3.534	Yes	Yes	1116	984	4.059	Yes	Yes	84	96	1.328	4	3	0.280
2299	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm B - Marina Access	Exit	May-17	MCC	No	0166-7003	70166	70035	66	68	0.268	Yes	Yes	64	64	0.032	Yes	Yes	1	4	1.710	1	1	0.118
2300	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm B - Marina Access	pproac	May-17	MCC	No	0035-7016	70035	70166	51	48	0.450	Yes	Yes	44	43	0.203	Yes	Yes	7	5	0.812	0	0	0.519
2303	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm D - Grafton Way	pproac	May-17	MCC	No	0319-1000	70319	10008	418	436	0.826	Yes	Yes	395	398	0.129	Yes	Yes	17	32	2.874	6	6	0.102
2304	Calibration	Ipswich	1	Bridge Street/Gratfon Way - Arm D - Grafton Way	Exit	May-17	MCC	No	0008-7031	10008	70319	360	431	3.591	Yes	Yes	327	396	3.615	Yes	Yes	27	27	0.042	6	9	1.082
2309	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm B - Dock St	Exit	May-17	MCC	No	0009-7001	70009	70010	36	35	0.212	Yes	Yes	34	32	0.227	Yes	Yes	3	3	0.140	0	0	0.728
2311	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm C - A137 Vernon St	pproac	May-17	MCC	No	0018-7000	70018	70009	669	678	0.353	Yes	Yes	617	621	0.134	Yes	Yes	46	51	0.824	6	6	0.038
2312	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm C - A137 Vernon St	Exit	May-17	MCC	No	0009-7001	70009	70018	646	656	0.365	Yes	Yes	602	604	0.080	Yes	Yes	38	45	1.112	6	6	0.074
2313	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm D - Burrell Rd	pproac	May-17	MCC	No	0213-3021	30213	30214	488	539	2.238	Yes	Yes	449	502	2.405	Yes	Yes	39	37	0.306	0	0	0.590
2314	Calibration	Ipswich	2	Burrell Road/Bridge Street - Arm D - Burrell Rd	Exit	May-17	MCC	No	0214-3021	30214	30213	567	747	7.007	No	No	529	706	7.097	No	No	36	39	0.495	2	2	0.162
2315	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm A - Burrell Rd W	pproac	May-17	MCC	No	0429-3021	30429	30213	218	224	0.401	Yes	Yes	204	211	0.445	Yes	Yes	14	13	0.123	0	0	0.000
2316	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm A - Burrell Rd W	Exit	May-17	MCC	No	0213-3042	30213	30429	383	378	0.253	Yes	Yes	350	356	0.345	Yes	Yes	31	20	2.286	2	2	0.070
2319	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm C - Stoke Street	pproac	May-17	MCC	No	0212-3021	30212	30213	286	333	2.677	Yes	Yes	263	309	2.729	Yes	Yes	23	24	0.160	0	0	0.611
2320	Calibration	Ipswich	3	Stoke Street/Burrell Road - Arm C - Stoke Street	Exit	May-17	MCC	No	0213-3021	30213	30212	199	388	11.022	No	No	194	368	10.432	No	No	6	20	3.893	0	0	0.560
2321	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm A - Hawes Stree	pproac	May-17	MCC	No	0051-3021	70051	30217	943	865	2.590	Yes	Yes	876	810	2.286	Yes	Yes	57	52	0.700	10	4	2.448
2322	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm A - Hawes Stre	Exit	May-17	MCC	No	0217-7005	30217	70051	722	724	0.085	Yes	Yes	651	652	0.046	Yes	Yes	66	69	0.414	5	3	1.181
2323	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm B - Virginia Stre	Exit	May-17	MCC	No	0217-7004	30217	70048	17	17	0.016	Yes	Yes	16	16	0.017	Yes	Yes	1	1	0.001	0	0	0.000
2324	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm B - Virginia Stre	pproac	May-17	MCC	No	0048-3021	70048	30217	17	18	0.267	Yes	Yes	16	16	0.055	Yes	Yes	1	1	0.009	0	1	1.332
2325	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm C - Rapier Stree	pproac	May-17	MCC	No	0786-3021	30786	30217	97	94	0.281	Yes	Yes	86	86	0.017	Yes	Yes	8	8	0.025	3	0	2.434
2326	Calibration	Ipswich	4	herstead Road/Hawes Street - Arm C - Rapier Stree	Exit	May-17	MCC	No	0217-3078	30217	30786	66	62	0.560	Yes	Yes	53	52	0.120	Yes	Yes	9	9	0.116	4	0	2.810
2327	Calibration	Ipswich	4	tead Road/Hawes Street - Arm D - A137 Wherstead	pproac	May-17	MCC	No	0218-3021	30218	30217	828	805	0.799	Yes	Yes	741	724	0.610	Yes	Yes	81	81	0.065	7	0	3.718
2328	Calibration	Ipswich	4	tead Road/Hawes Street - Arm D - A137 Wherstead	Exit	May-17	MCC	No	0217-3021	30217	30218	1061	1003	1.799	Yes	Yes	982	940	1.332	Yes	Yes	68	62	0.699	11	0	4.661
2329	Calibration	Ipswich	4	erstead Road/Hawes Street - Arm E - Wherstead Rd	pproac	May-17	MCC	No	0047-3021	70047	30217	110	155	3.955	Yes	Yes	103	143	3.641	Yes	Yes	7	10	1.163	0	2	1.863
2330	Calibration	Ipswich	4	erstead Road/Hawes Street - Arm E - Wherstead Rd	Exit	May-17	MCC	No	0217-7004	30217	70047	129	132	0.241	Yes	Yes	120	118	0.119	Yes	Yes	10	10	0.110	0	4	2.723
2331	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Riversid	pproac	Jul-17	MCC	No	10259-4010	10259	4010	170	171	0.084	Yes	Yes	165	165	0.037	Yes	Yes	5	5	0.065	1	1	0.435
2332	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Riversid	Exit	Jul-17	MCC	No	4010-10259	4010	10259	33	33	0.057	Yes	Yes	31	31	0.046	Yes	Yes	2	2	0.048	0	0	0.000
2335	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Durban	pproac	Jul-17	MCC	No	6402-4010	6402	4010	69	66	0.356	Yes	Yes	66	66	0.052	Yes	Yes	3	0	1.996	0	0	0.295
2336	Calibration	Lowestoft	Waveney Drive / Riverside Road / Durban Road - Durban	Exit	Jul-17	MCC	No	4010-6402	4010	6402	84	78	0.642	Yes	Yes	77	72	0.602	Yes	Yes	6	5	0.198	1	1	0.122

Appendix J

MODELLED FLOW

Appendix J.1

MODELLED FLOW AM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AM Modelled Traffic Flow
HALESWORTH
SOUTHWOLD
SAXMUNDHAM
WICKHAM MARKET
Debenham
Framlingham
Leiston
Orford
Melton
Grundisburgh
Wenhaston
Wolfsbeack
Sutton Common
Orford Beach
Havergate Island
East Suffolk
Actual Flow
AM peak
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Kilometres
Drawn By: ukmdt002
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Key
AM Modelled Traffic Flow
wsp
Ipswich
Actual Flow
AM peak
Contains Ordnance Survey data © Crown copyright and database right 2017.
0 0.125 0.25 0.5 0.75 1 Kilometres
Drawn By: ukmdj002
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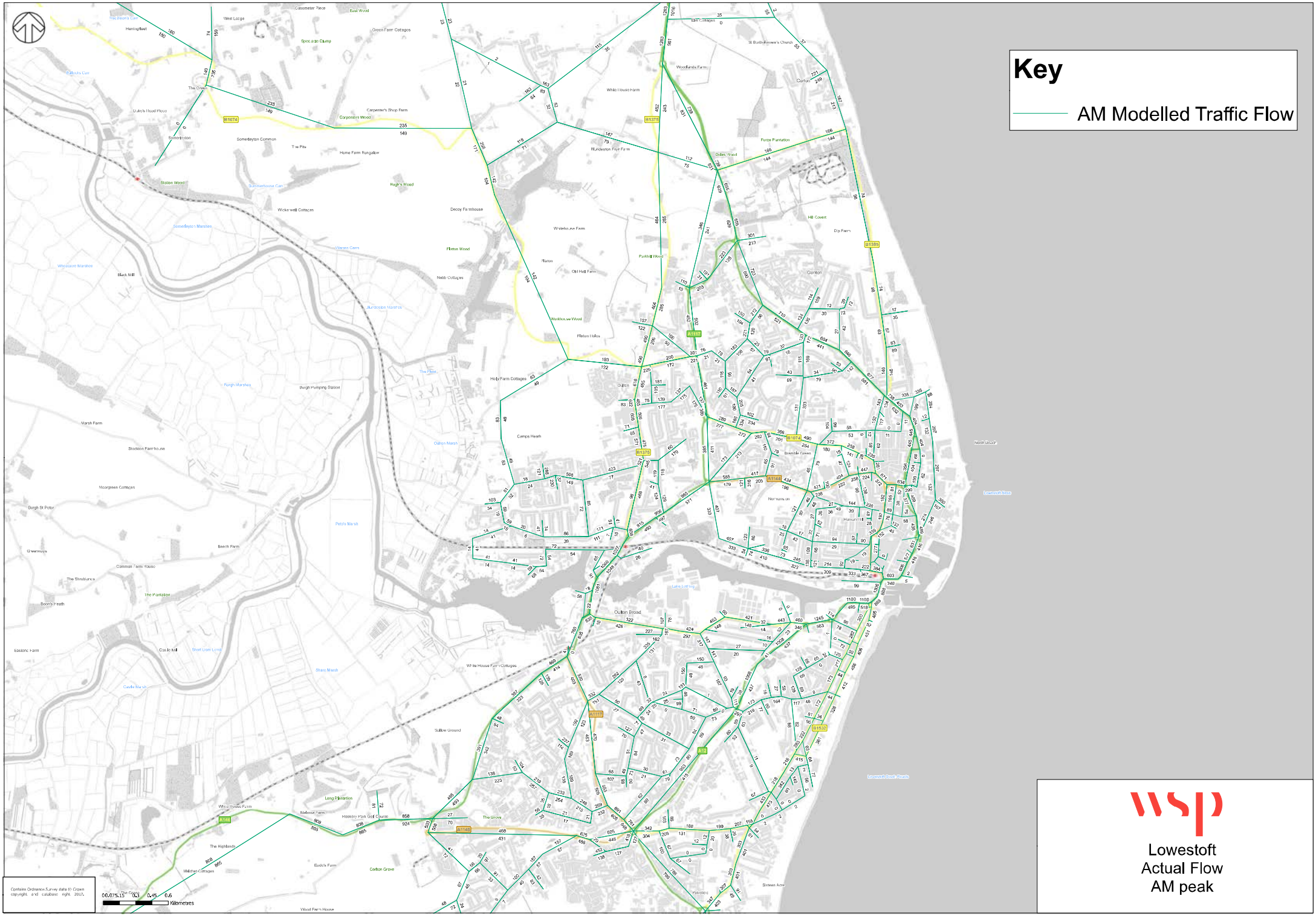
Key
AM Modelled Traffic Flow
WSP
Lowestoft
Actual Flow
AM peak
Contains Ordnance Survey data © Crown copyright and database right 2017.
0 0.075 0.15 0.3 0.45 0.6
Kilometres
Drawn By: ukmdj002
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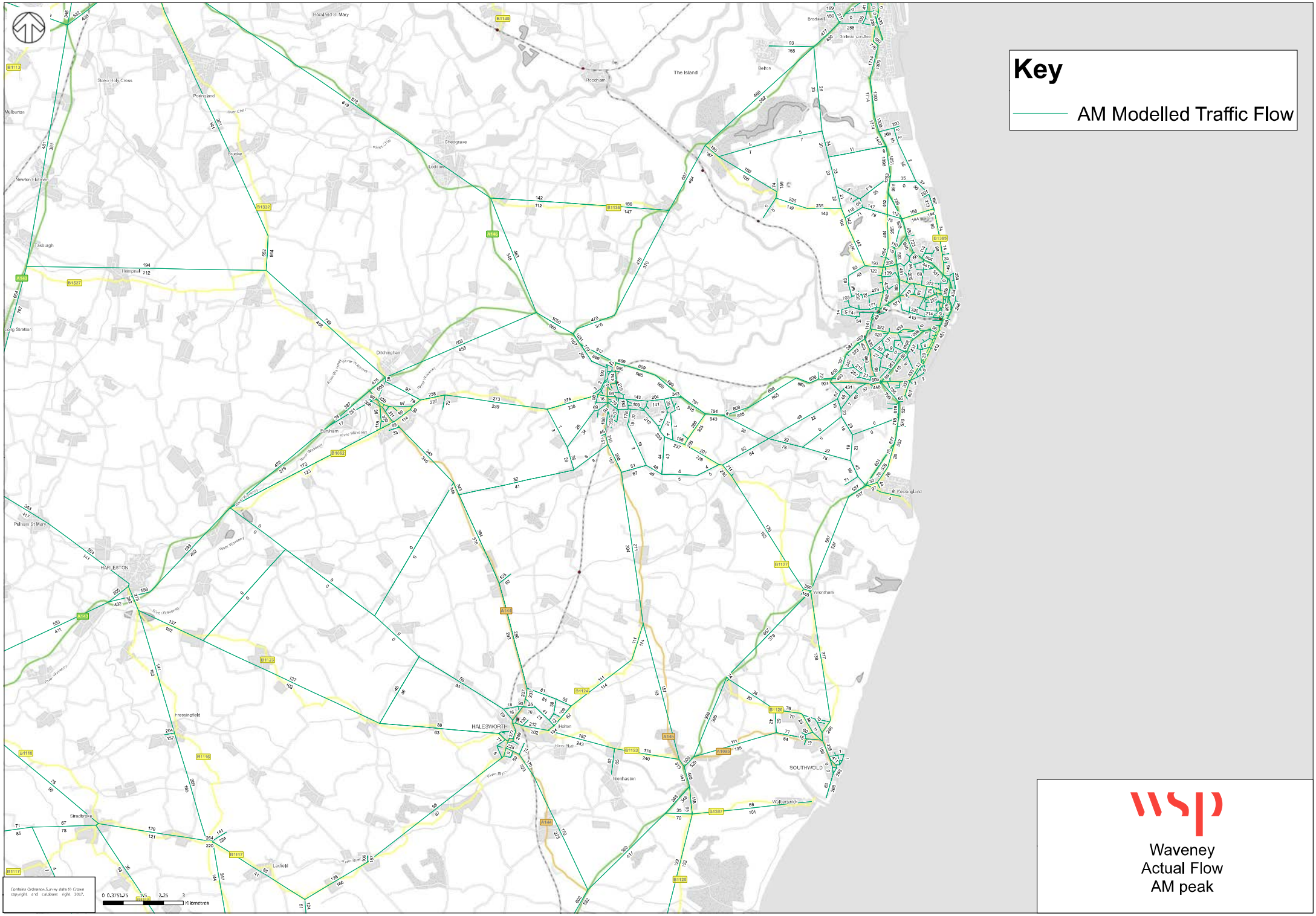
Key
AM Modelled Traffic Flow
Waveney
Actual Flow
AM peak
Contains Ordnance Survey data © Crown copyright and database right. 2017.
0 0.375 1.75 3 Kilometres
Drawn By: ukmdt002
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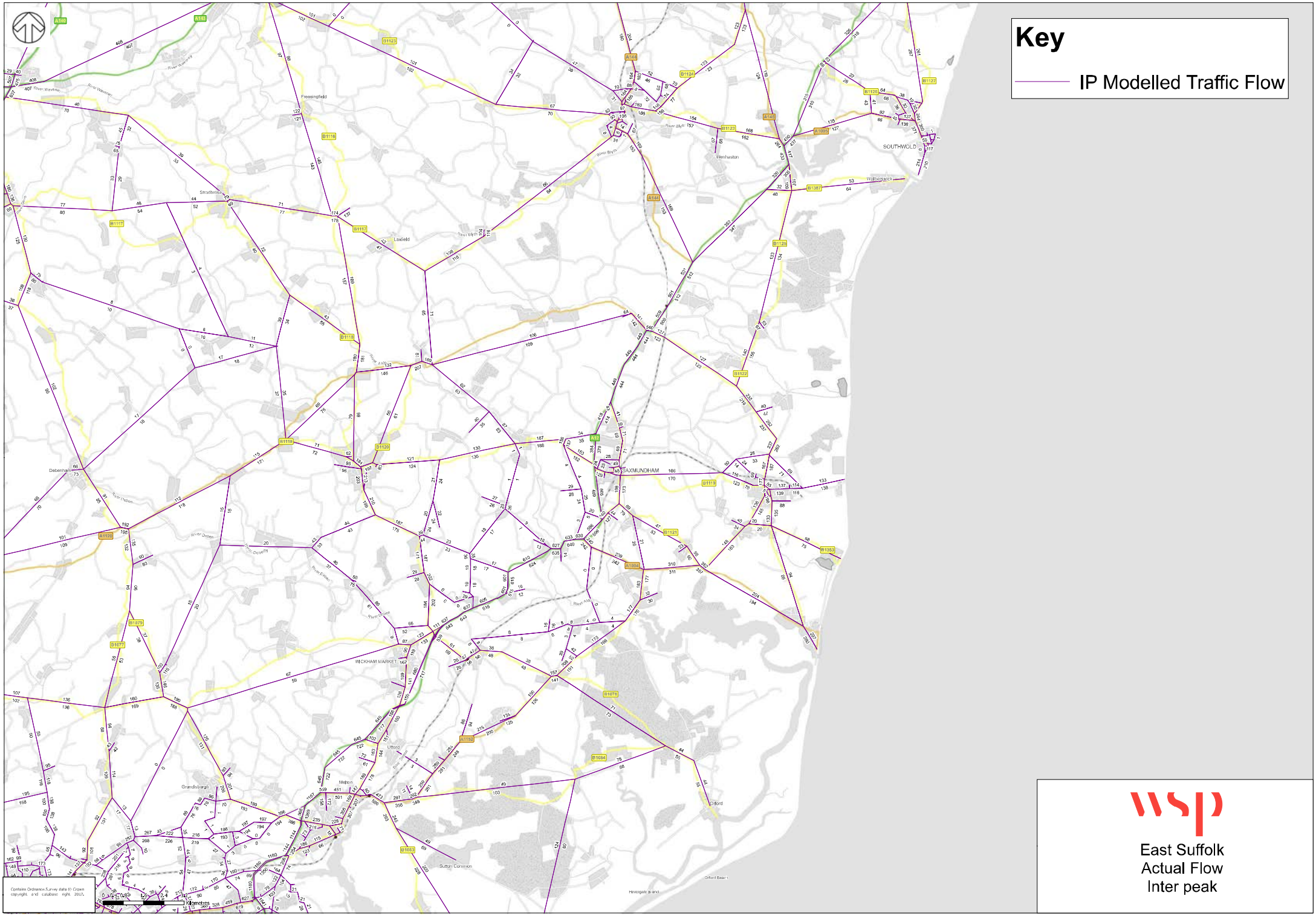
Appendix J.2

MODELLED FLOW IP


Key
IP Modelled Traffic Flow
East Suffolk
Actual Flow
Inter peak
SOUTHWOLD
SAXMUNDHAM
WICKHAM MARKET
Debenham
Framlingham
Leiston
Orford
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Kilometres
Drawn By: ukmdt002
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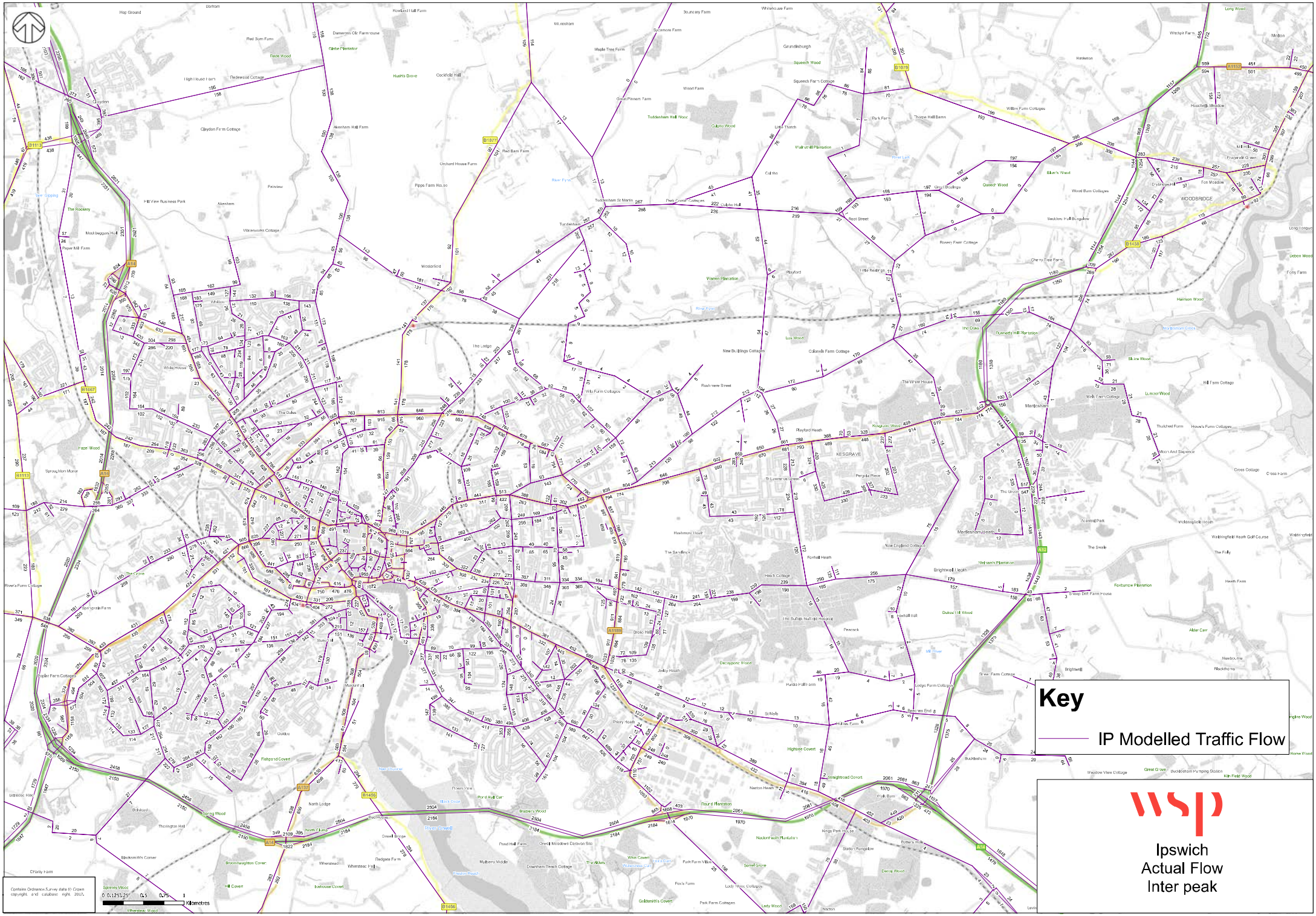
Key
IP Modelled Traffic Flow
wsp
Ipswich
Actual Flow
Inter peak
Contains Ordnance Survey data © Crown copyright and database right 2017.
0 0.125 0.25 0.5 0.75 1 Kilometres
Drawn By: ukmdj002
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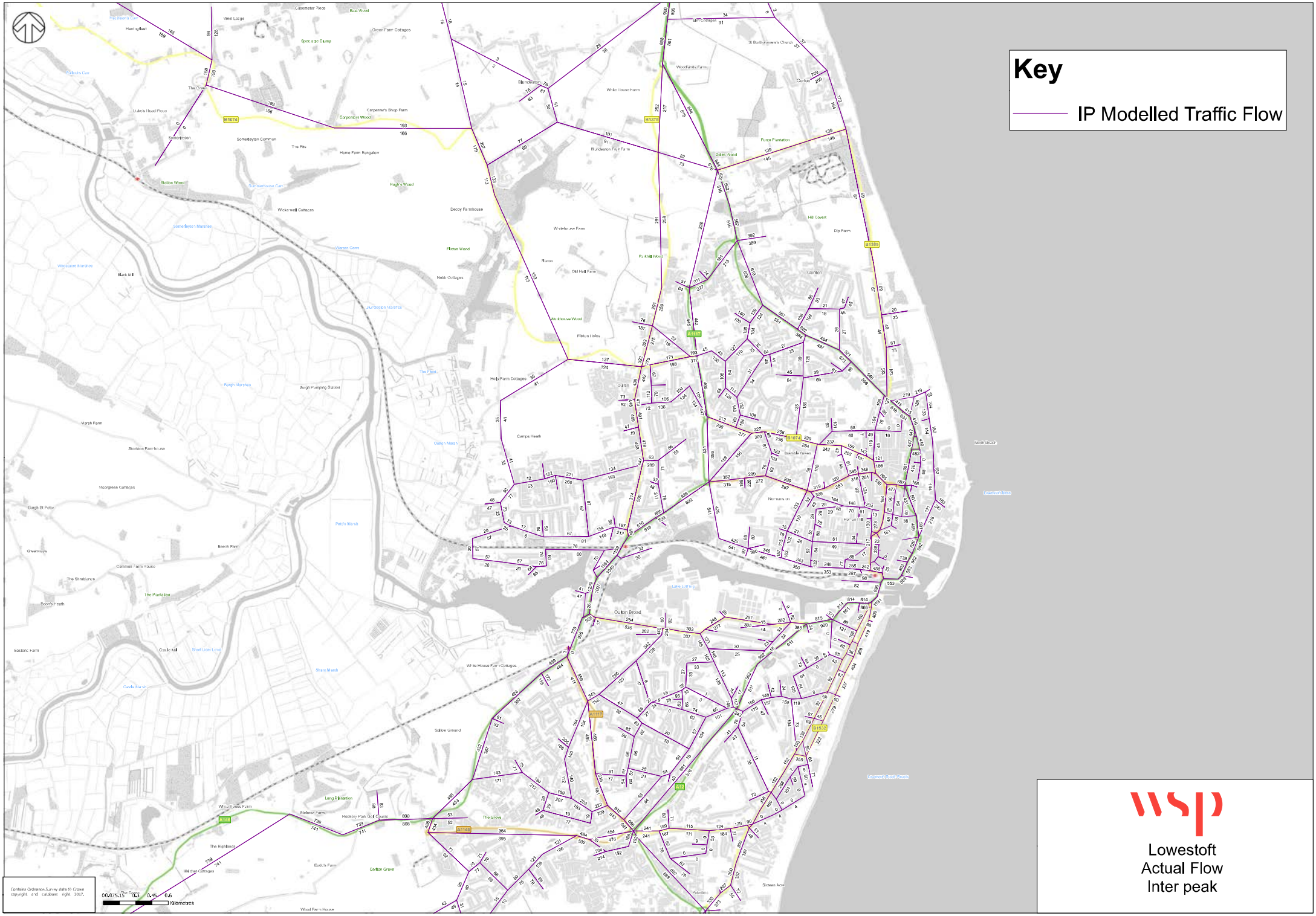
Key
IP Modelled Traffic Flow
Lowestoft
Actual Flow
Inter peak
Contains Ordnance Survey data © Crown copyright and database right 2017.
0 0.075 0.15 0.3 0.45 0.6
Kilometres
Drawn By: ukmdj002
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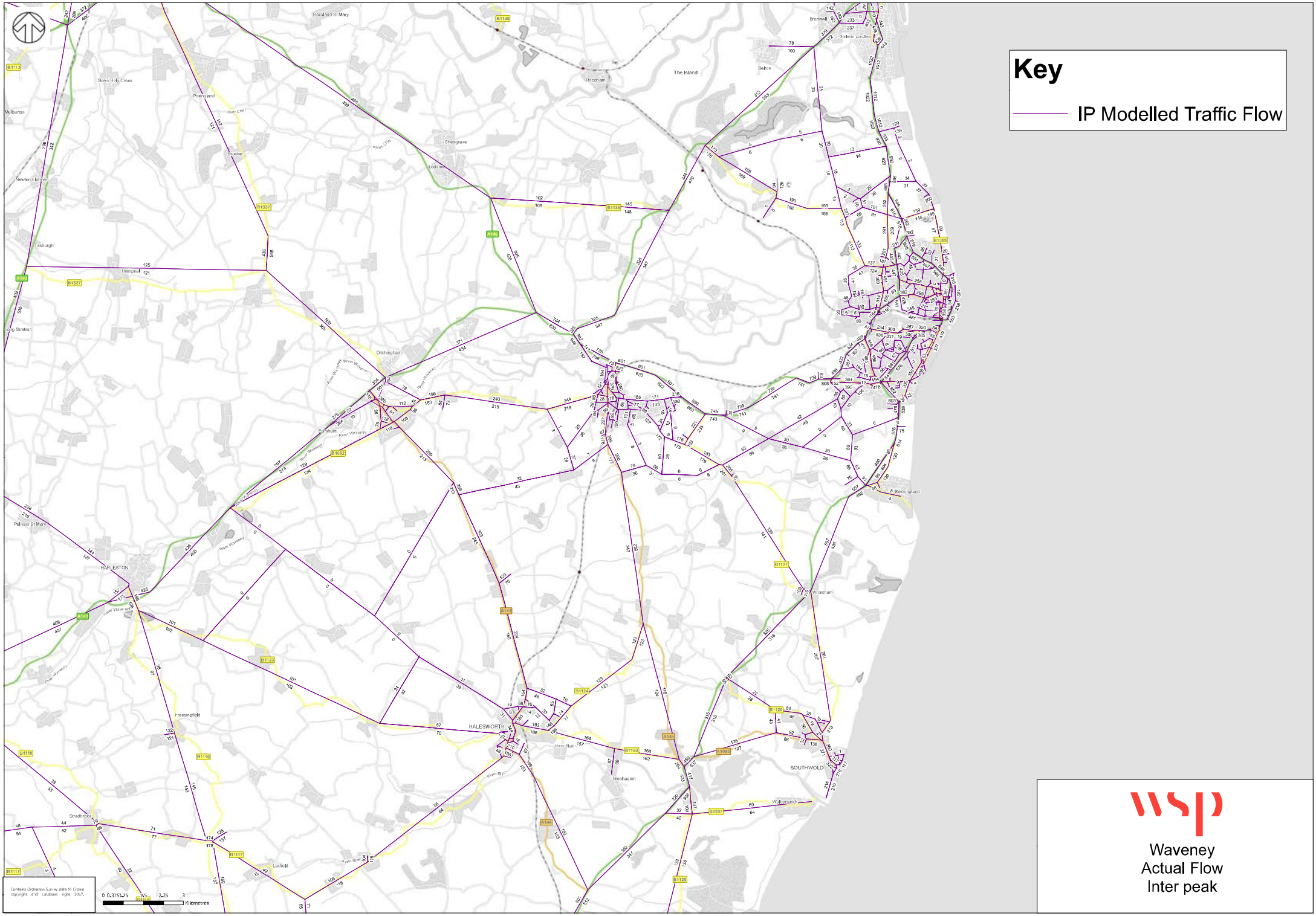
Key
IP Modelled Traffic Flow
Waveney
Actual Flow
Inter peak
Contains Ordnance Survey data © Crown copyright and database right. 2017.
0 0.375 1.75 3 Kilometres
Drawn By: ukmdt002
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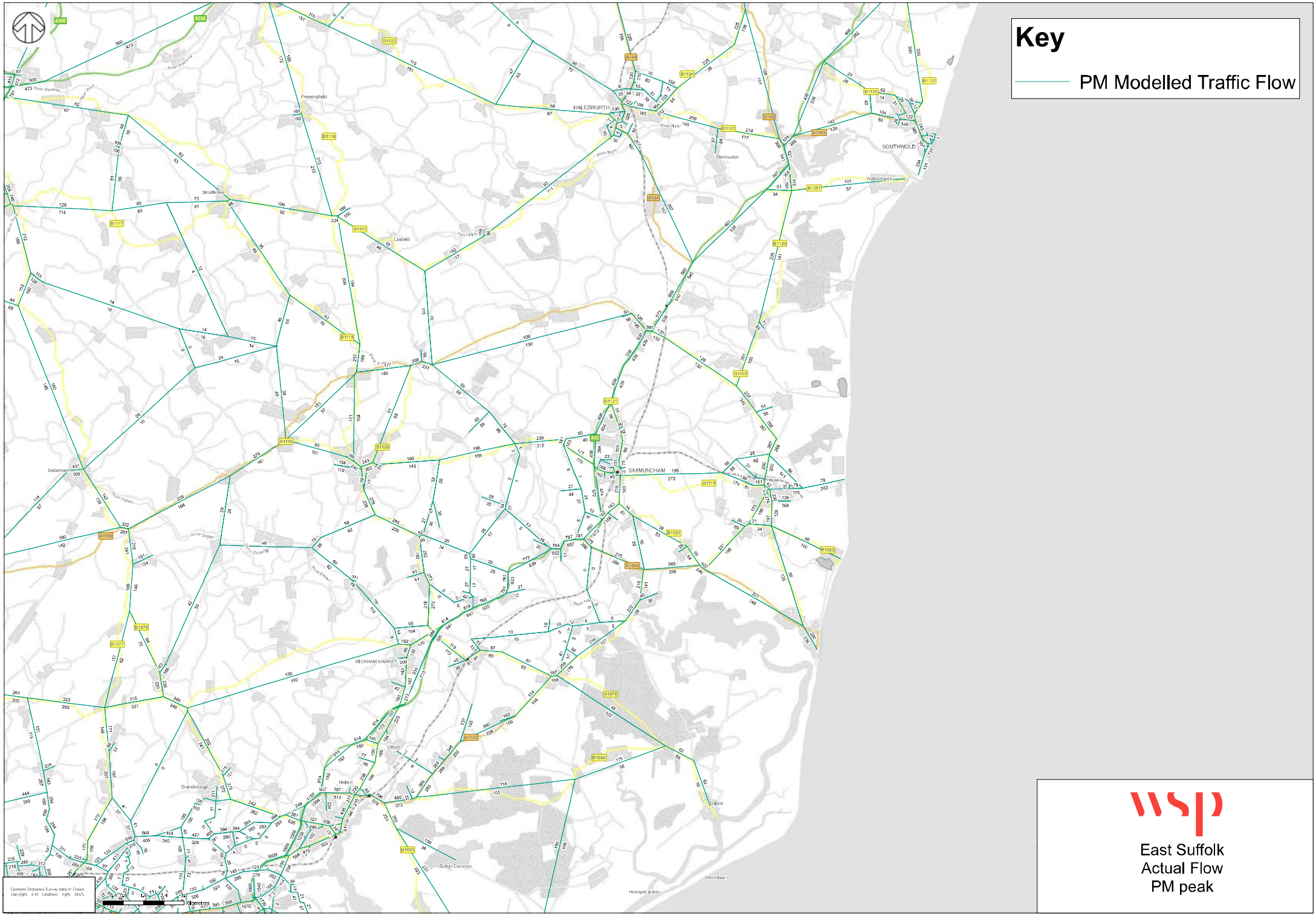
Appendix J.3

MODELLED FLOW PM



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Key
PM Modelled Traffic Flow
Ipswich
Actual Flow
PM peak
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0 0.125 0.25 0.5 0.75 1 Kilometres
Drawn By: ukmdj002
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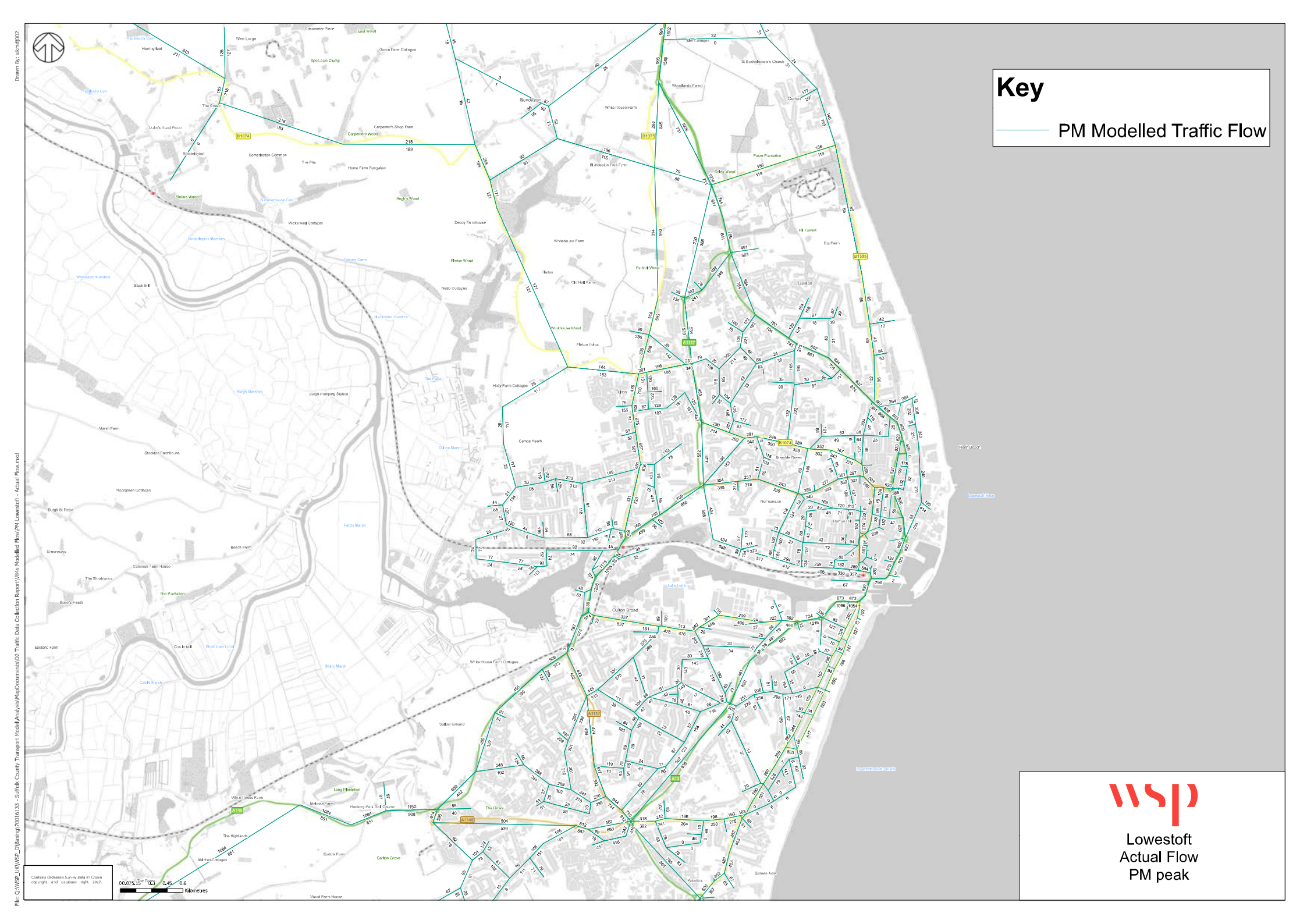
Key
PM Modelled Traffic Flow
Lowestoft
Actual Flow
PM peak
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0 0.075 0.15 0.3 0.45 0.6
Kilometres
Drawn By: ukmdj002
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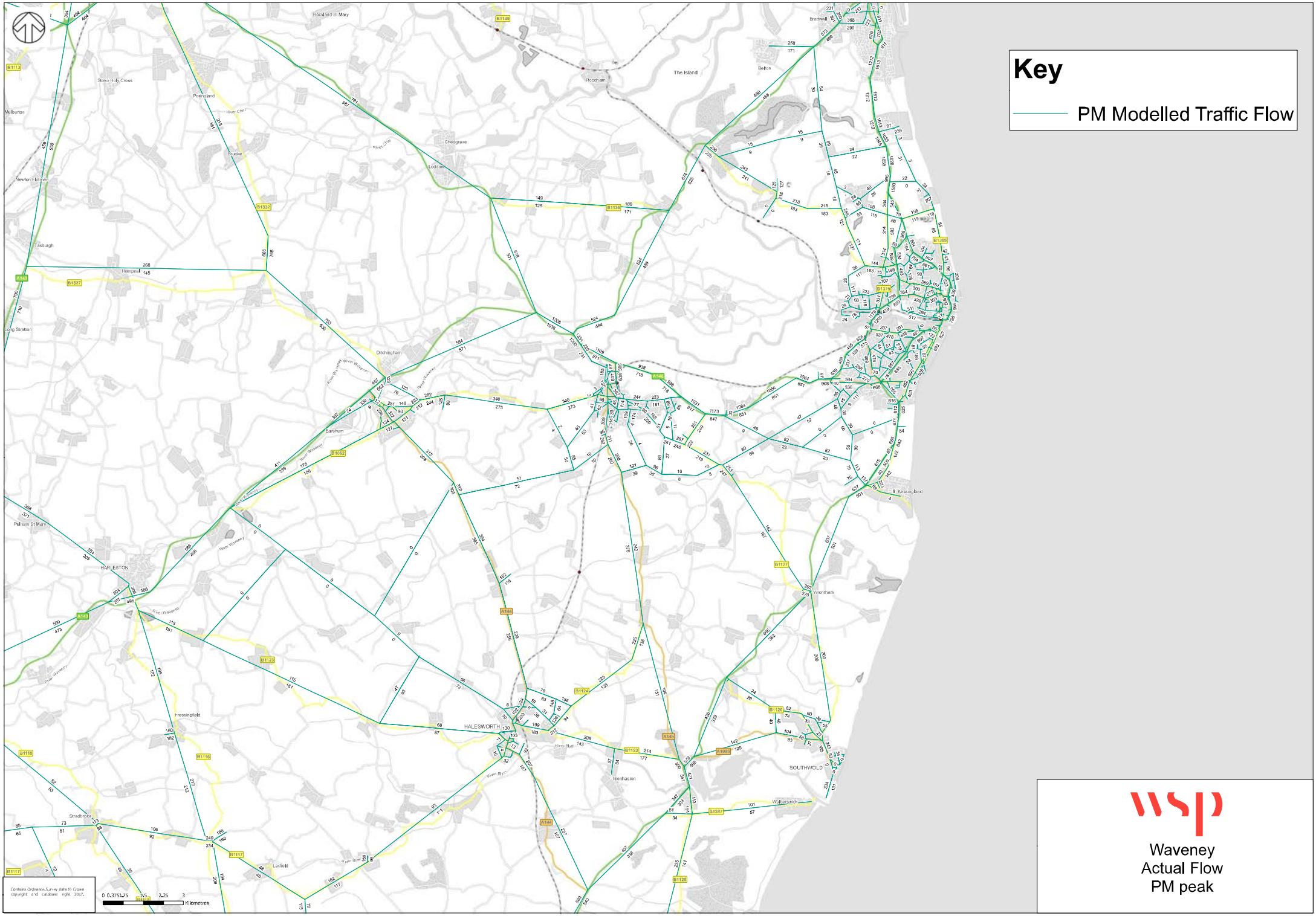
Key
PM Modelled Traffic Flow
Waveney
Actual Flow
PM peak
Rockland St Mary
Stoke Holy Cross
Poringland
Wallbertos
Newton Flotman
Tasburgh
Hempnall
Long Stratton
Brooke
Chedgrave
Loddon
Reedham
The Island
Belton
Bradwell
Ditchingham
Earsham
Pulham St Mary
HARLESTON
Fressingfield
HALESWORTH
Stradbroke
Laxfield
Wenhaston
SOUTHWOLD
Wrentham
Kessingland
Wolfpit
River Chet
River Waveney
River Blyth
River Yare
A143
A144
A145
A146
A47
A12
A1095
B1062
B1123
B1124
B1126
B1127
B1116
B1117
B1136
B1140
B1332
B1527
B1375
B1387
B1389
0 0.375 0.75 1.5 2.25 3 Kilometres
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Drawn By: ukmdt002
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