

Sea Link

Volume 6: Environmental Statement

Document 6.4.4.7.A

Part 4 Marine

Chapter 2

Navigational Risk Assessment – Figures Part 1 of 2

Planning Inspectorate Reference: EN020026

Version: **AB**

March–November 2025

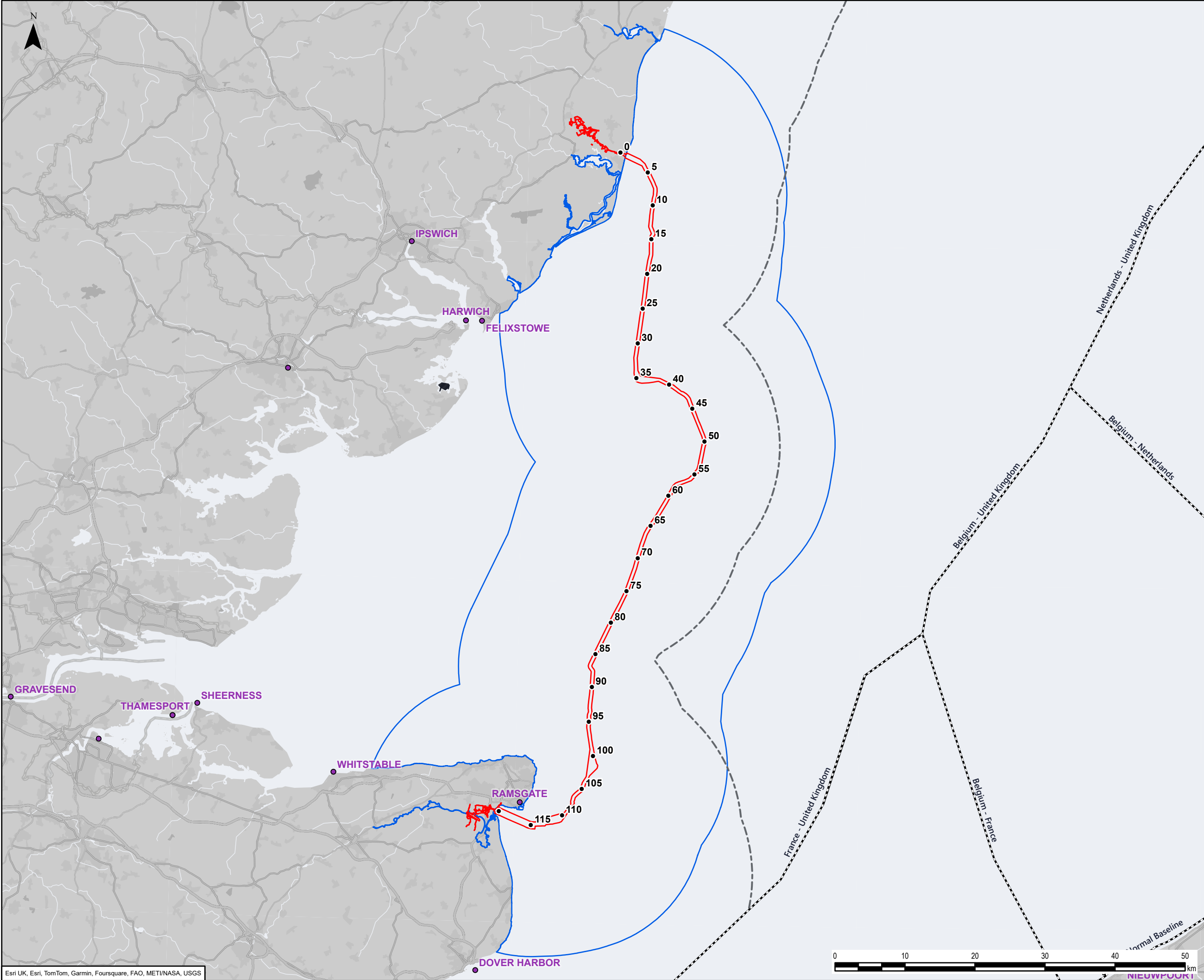
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 Regulation 5(2)(a)

Contents

Application Document 6.4.4.7.A Navigational Risk Assessment - Figures Part 1 of 2

- Application Document 6.4.4.7.A.1 Shipping and Navigation Study Area
- Application Document 6.4.4.7.A.2 Ports and Navigation
- Application Document 6.4.4.7.A.3 Military Practice Areas
- Application Document 6.4.4.7.A.4 Recreation
- Application Document 6.4.4.7.A.5 Other Navigational Features
- Application Document 6.4.4.7.A.6 RNLI Search and Rescue
- Application Document 6.4.4.7.A.7 Search and Rescue Helicopter
- Application Document 6.4.4.7.A.8 MAIB Events
- Application Document 6.4.4.7.A.9 Seasonal Vessel Track Density
- Application Document 6.4.4.7.A.10 Busiest Day

Version History			
Date	Issue	Status	Description / Changes
March 2025	A	Final	For DCO submission
November 2025	B	Final	For Deadline 1



- Legend
- Kilometre Point (KP)
 - DF3 Order Limits
 - 10 NM shipping and navigation study area
 - Port
 - UK Territorial Sea Limit
 - - - EEZ Boundaries

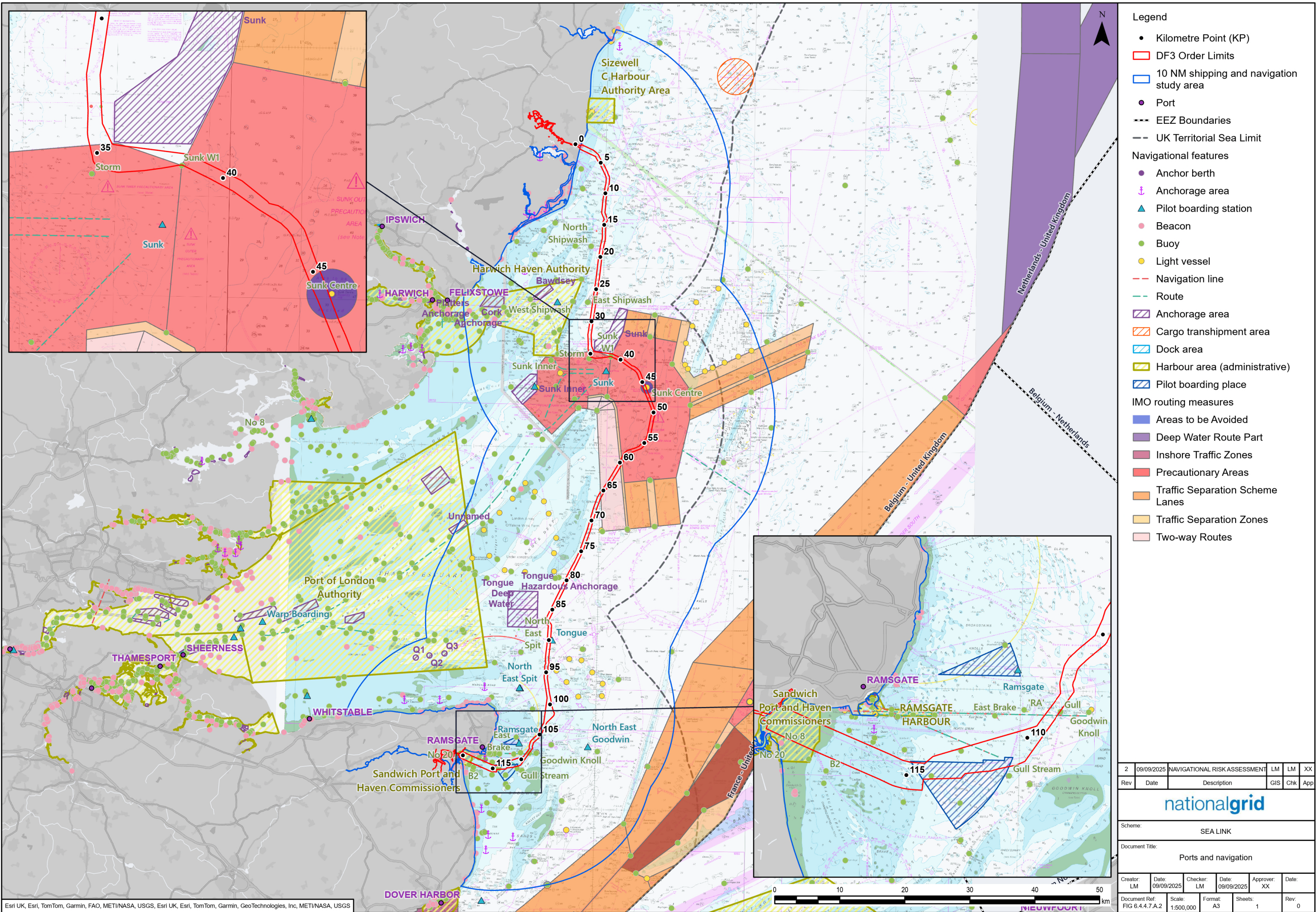
0	12/09/2024	NAVIGATIONAL RISK ASSESSMENT	BQ	XX	XX
Rev	Date	Description	GIS	Chk	App

nationalgrid

Scheme: SEA LINK

Document Title: Shipping and navigation study area

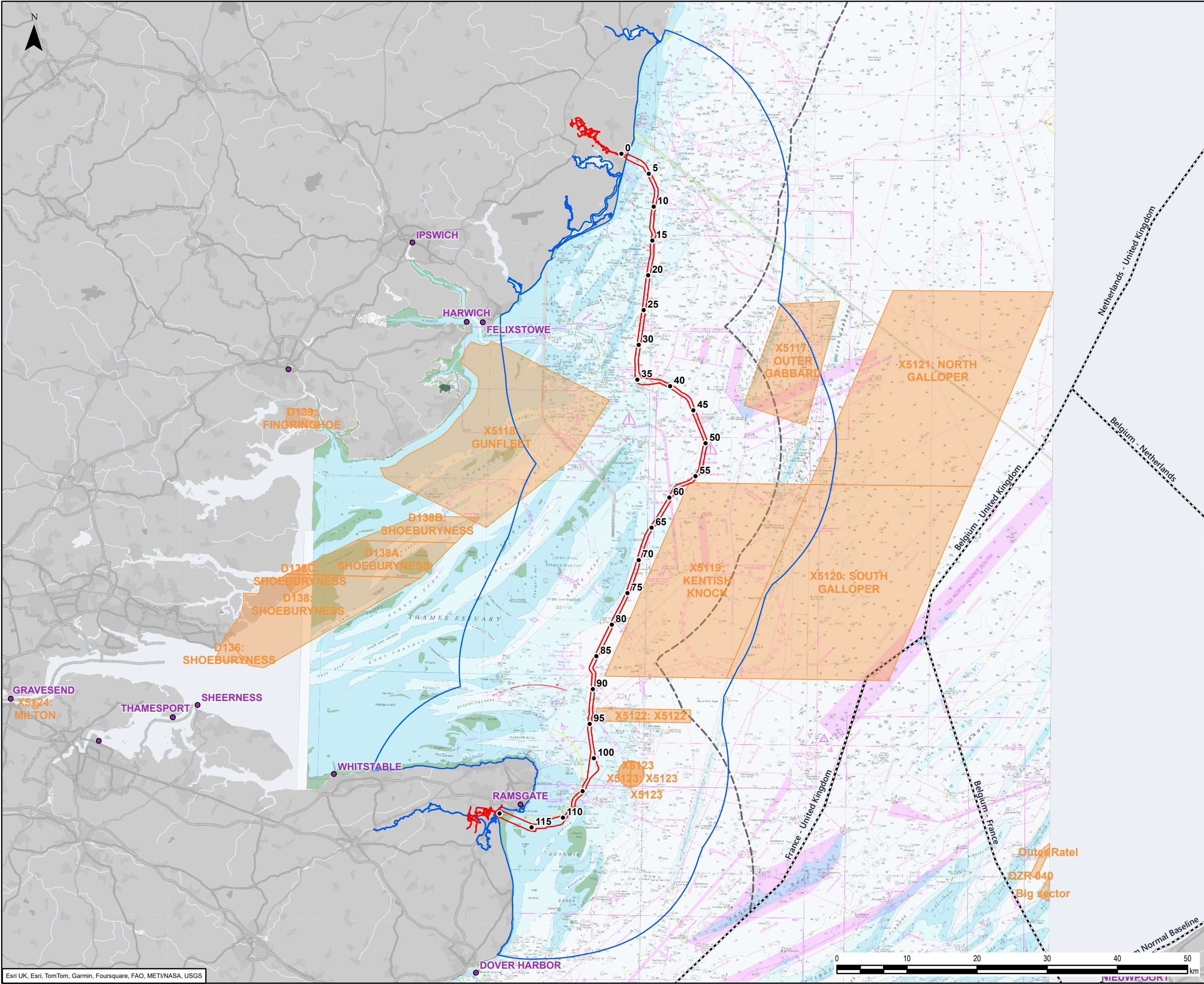
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2	09/09/2025	NAVIGATIONAL RISK ASSESSMENT	LM	LM	XX
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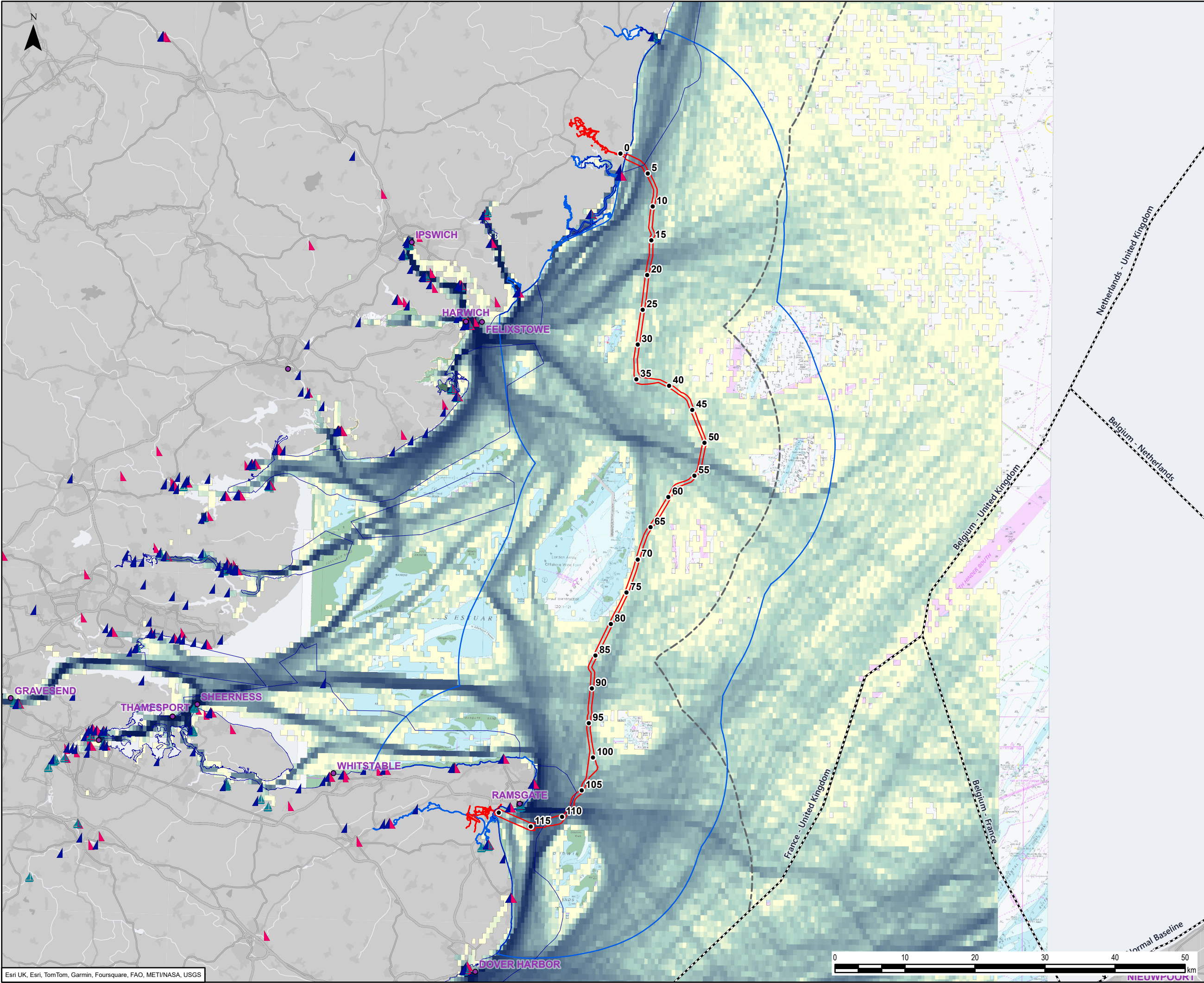
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Scheme: SEA LINK					
Document Title: Ports and navigation					
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Document Ref: FIG 6.4.7.A.2	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	



- Legend
- Kilometre Point (KP)
 - DF3 Order Limits
 - 10 NM shipping and navigation study area
 - Port
 - UK Territorial Sea Limit
 - - - EEZ Boundaries
 - Orange shaded area Military Practice Area (PEXA)

0	12/09/2024	NAVIGATIONAL RISK ASSESSMENT	BQ	XX	XX
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: Military practice areas					
Creator: BQ	Date: 12/09/2024	Checker: LM	Date: 12/09/2024	Approver: XX	Date:
Document Ref: FIG 6.4.4.7.A.3	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	



- Legend
- Kilometre Point (KP)
 - DF3 Order Limits
 - 10 NM shipping and navigation study area
 - Port
 - UK Territorial Sea Limit
 - EEZ Boundaries
 - RYA Coastal Atlas
 - ▲ Sailing Clubs
 - ▲ Marinas
 - ▲ Training Centres
 - General Boating Areas
 - Mean AIS Intensity
 - High
 - Low

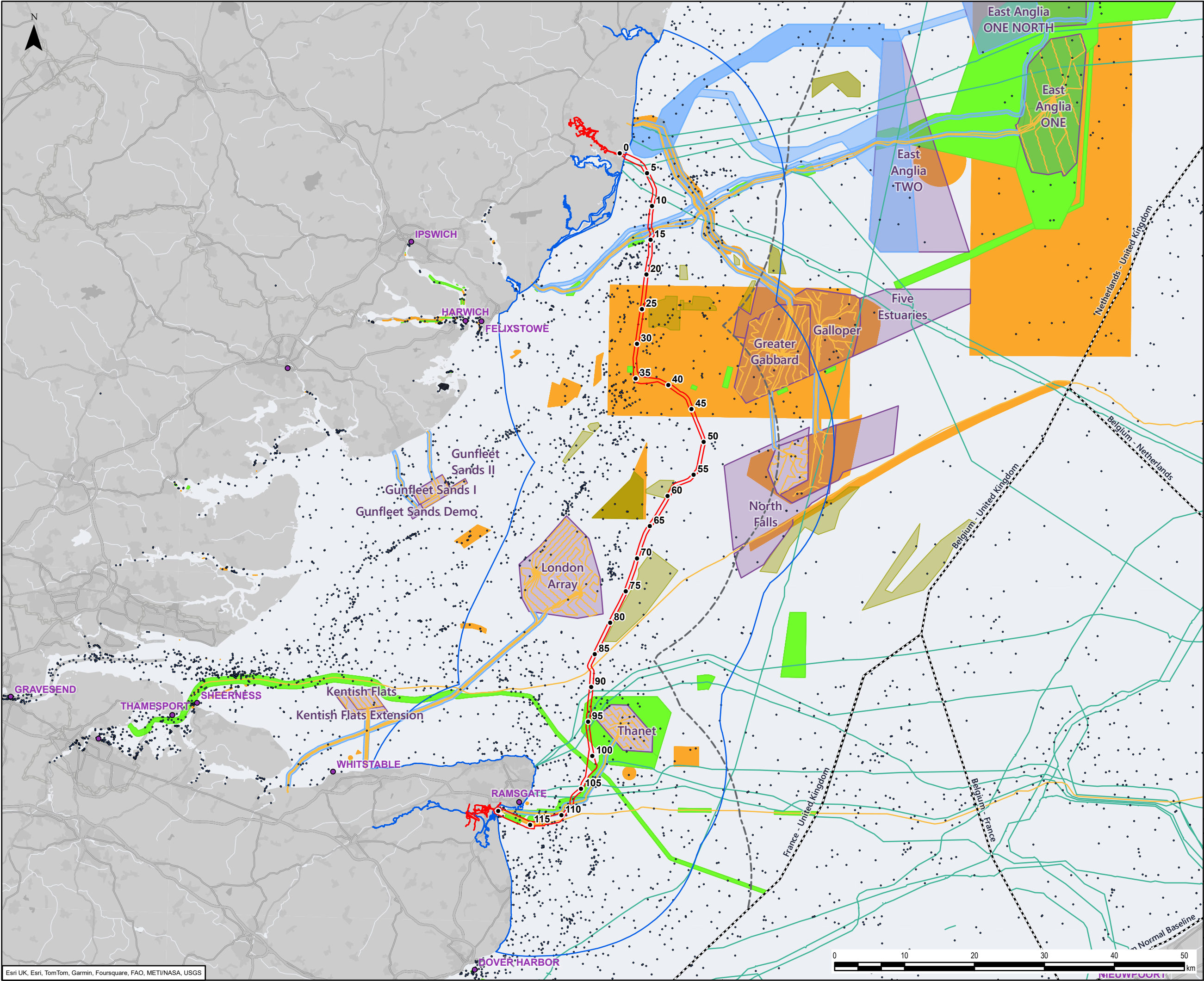
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Rev	Date	Description	GIS	Chk	App

nationalgrid

Scheme: SEA LINK

Document Title: Recreation

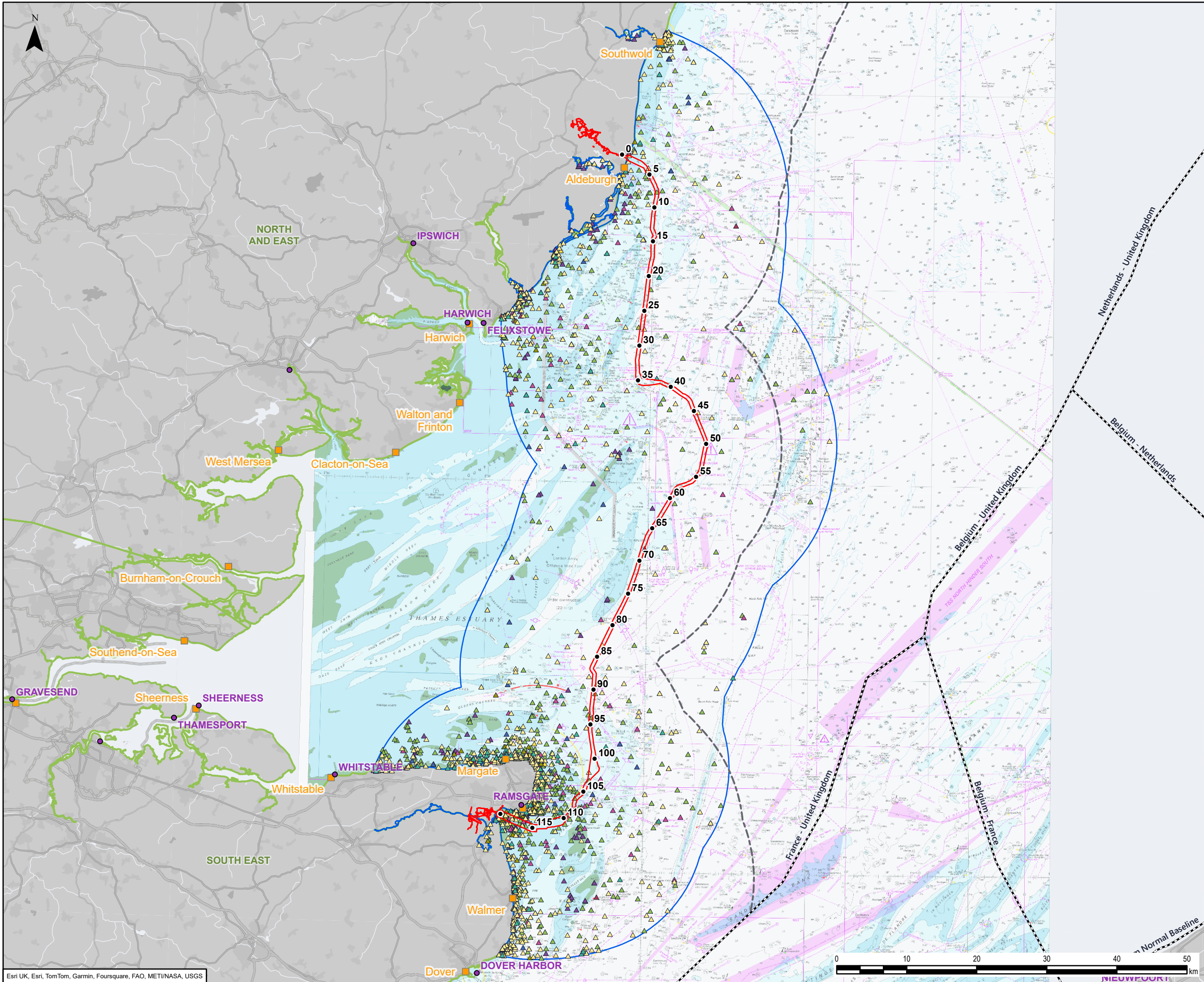
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- Legend
- Kilometre Point (KP)
 - DF3 Order Limits
 - 10 NM shipping and navigation study area
 - Port
 - UK Territorial Sea Limit
 - EEZ Boundaries
 - Wrecks
 - Offshore wind cable agreements
 - Offshore wind site agreements
 - Offshore minerals - Aggregates, evaporites and mining site agreements
 - Cables
 - Power
 - Telecom
 - Dredge spoil dumping
 - Closed
 - Open

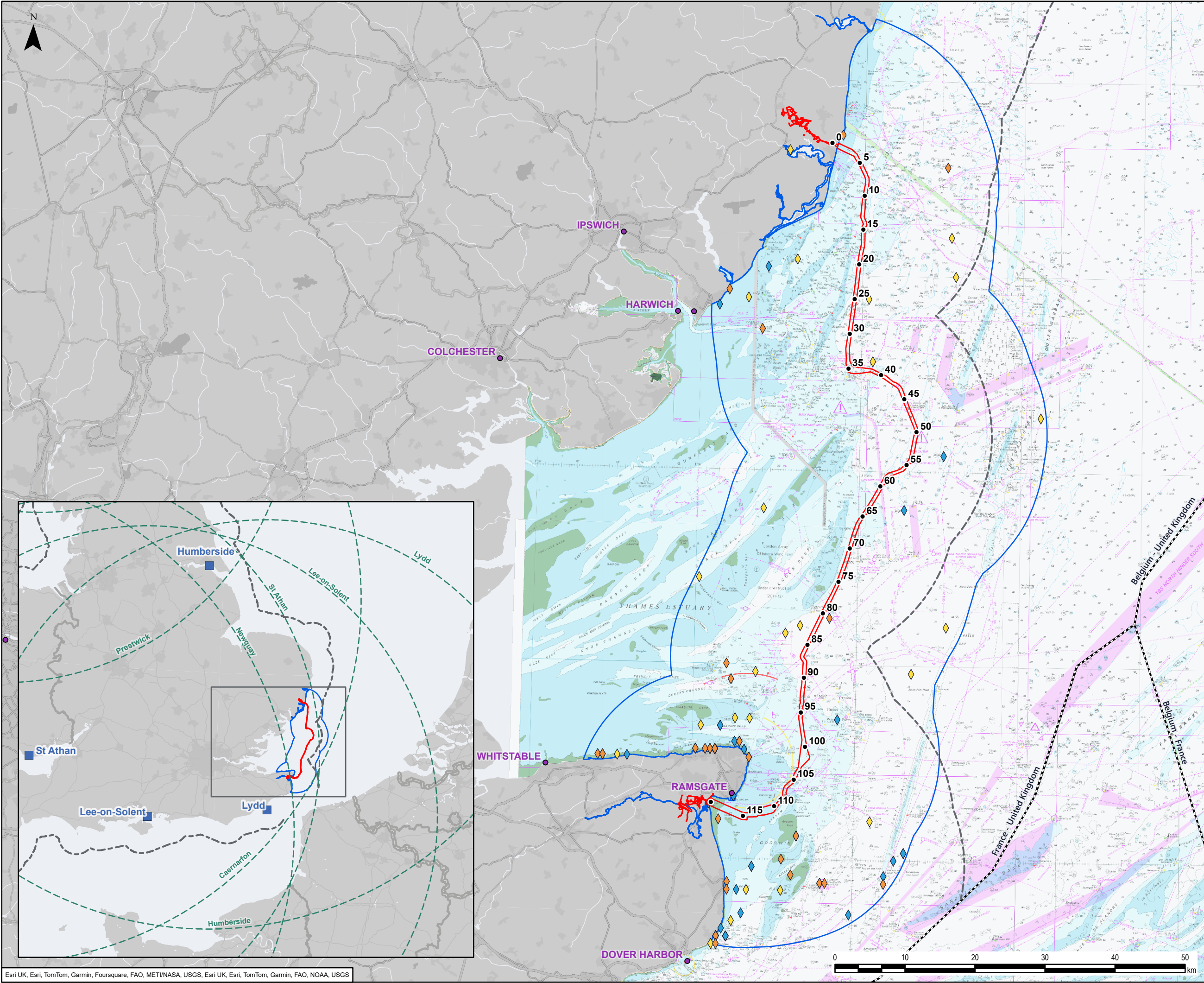
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Rev	Date	Description	GIS	Chk	App

nationalgrid					
Scheme: SEA LINK					
Document Title: Other navigational features					
Creator: BQ	Date: 12/09/2024	Checker: LM	Date: 12/09/2024	Approver: XX	Date:
Document Ref: FIG 6.4.4.7-A-5	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	



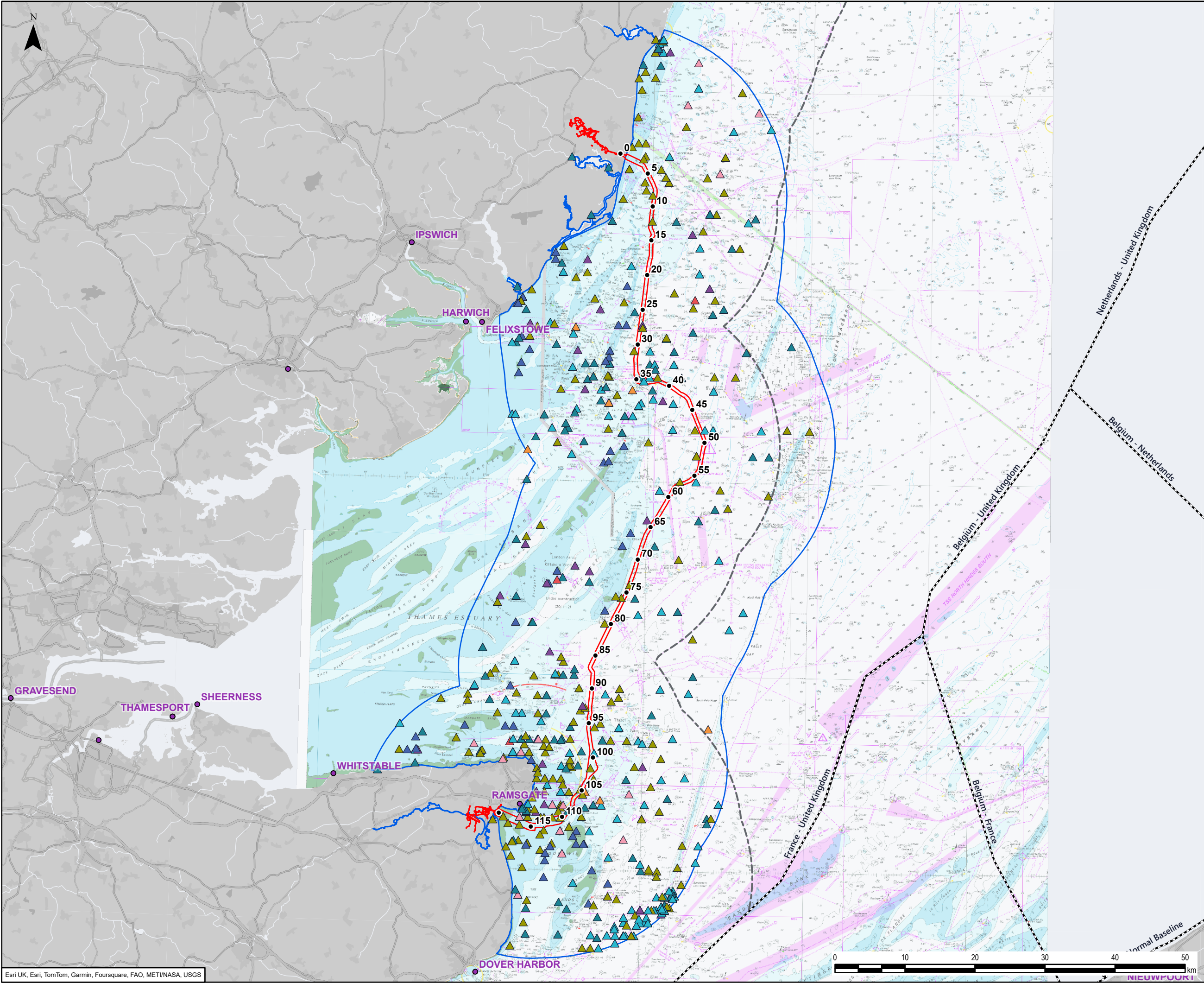
- Legend
- Kilometre Point (KP)
 - DF3 Order Limits
 - 10 NM shipping and navigation study area
 - Port
 - UK Territorial Sea Limit
 - EEZ Boundaries
 - RNLI Lifeboat station
 - RNLI regions
- RNLI Returns of Service (2008 - 2020)
- ▲ Adverse conditions
 - ▲ Unknown / other
 - ▲ Thought to be in trouble
 - ▲ Fouled propeller / impeller
 - ▲ In danger of drowning
 - ▲ Leaks / swamping
 - ▲ Machinery failure
 - ▲ Person in distress
 - ▲ Stranding / grounding

0	12/09/2024	NAVIGATIONAL RISK ASSESSMENT	BQ	XX	XX
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: RNLI search and rescue					
Creator: BQ	Date: 12/09/2024	Checker: LM	Date: 12/09/2024	Approver: XX	Date:
Document Ref: FIG 6.4.7.A.6	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	



- Legend
- Kilometre Point (KP)
 - DF3 Order Limits
 - 10 NM shipping and navigation study area
 - Port
 - UK Territorial Sea Limit
 - EEZ Boundaries
 - SARH bases
 - SARH Radii of action
- SARH taskings Apr 2016 to Mar 2021
- Rescue/Recovery
 - Search
 - Support

0	12/09/2024	NAVIGATIONAL RISK ASSESSMENT	BQ	XX	XX
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: Search and Rescue Helicopter					
Creator: BQ	Date: 12/09/2024	Checker: LM	Date: 12/09/2024	Approver: XX	Date:
Document Ref: FIG 6.4.4.7 A.7	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	



- Legend
- Kilometre Point (KP)
 - DF3 Order Limits
 - 10 NM shipping and navigation study area
 - Port
 - UK Territorial Sea Limit
 - - - EEZ Boundaries
- MAIB event
- ▲ Capsizing / listing
 - ▲ Collision
 - ▲ Contact
 - ▲ Damage/loss of equipment
 - ▲ Fire / explosion
 - ▲ Floating object
 - ▲ Flooding / foundering
 - ▲ Grounding / stranding
 - ▲ Hull failure
 - ▲ Loss of control
 - ▲ Other

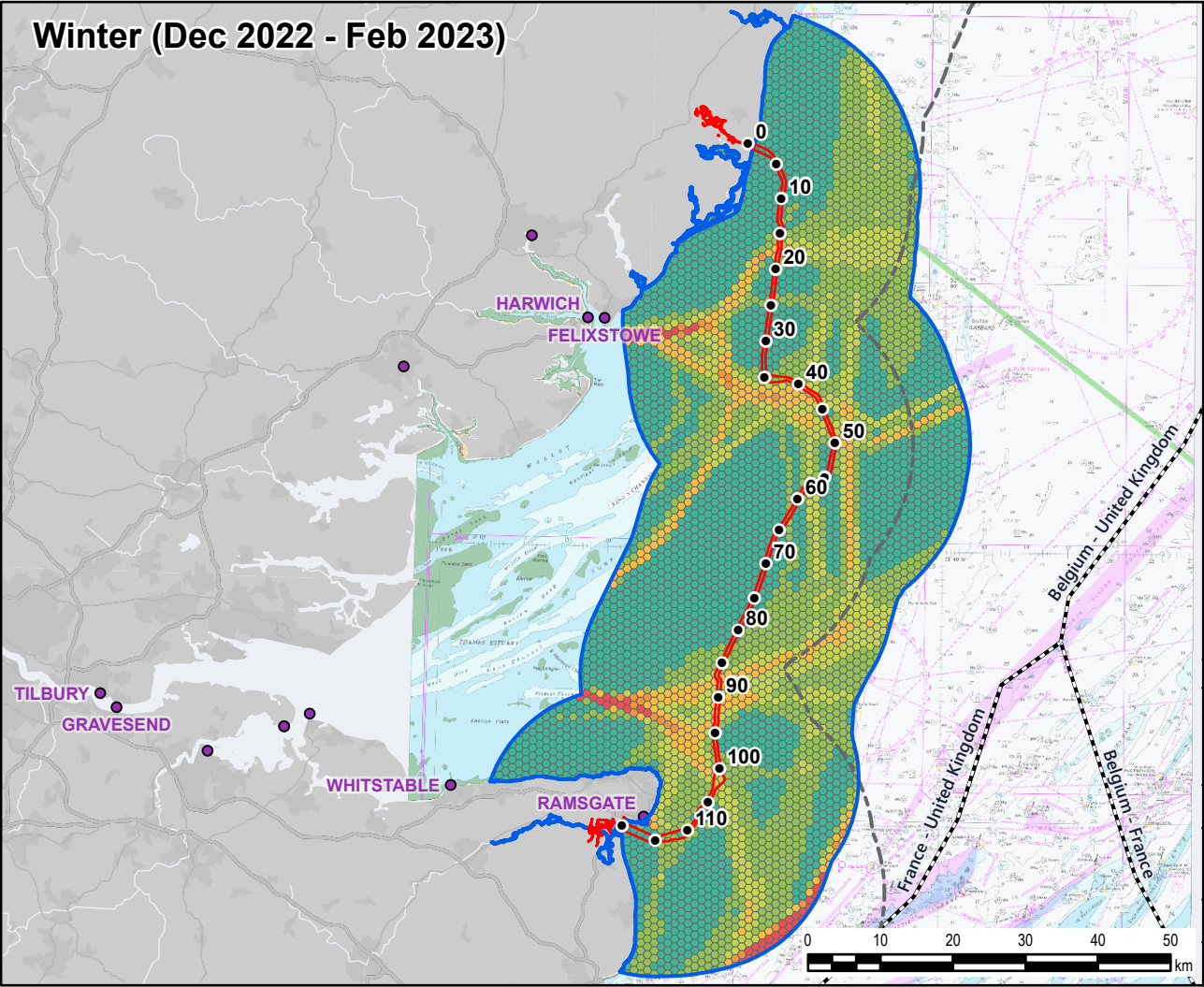
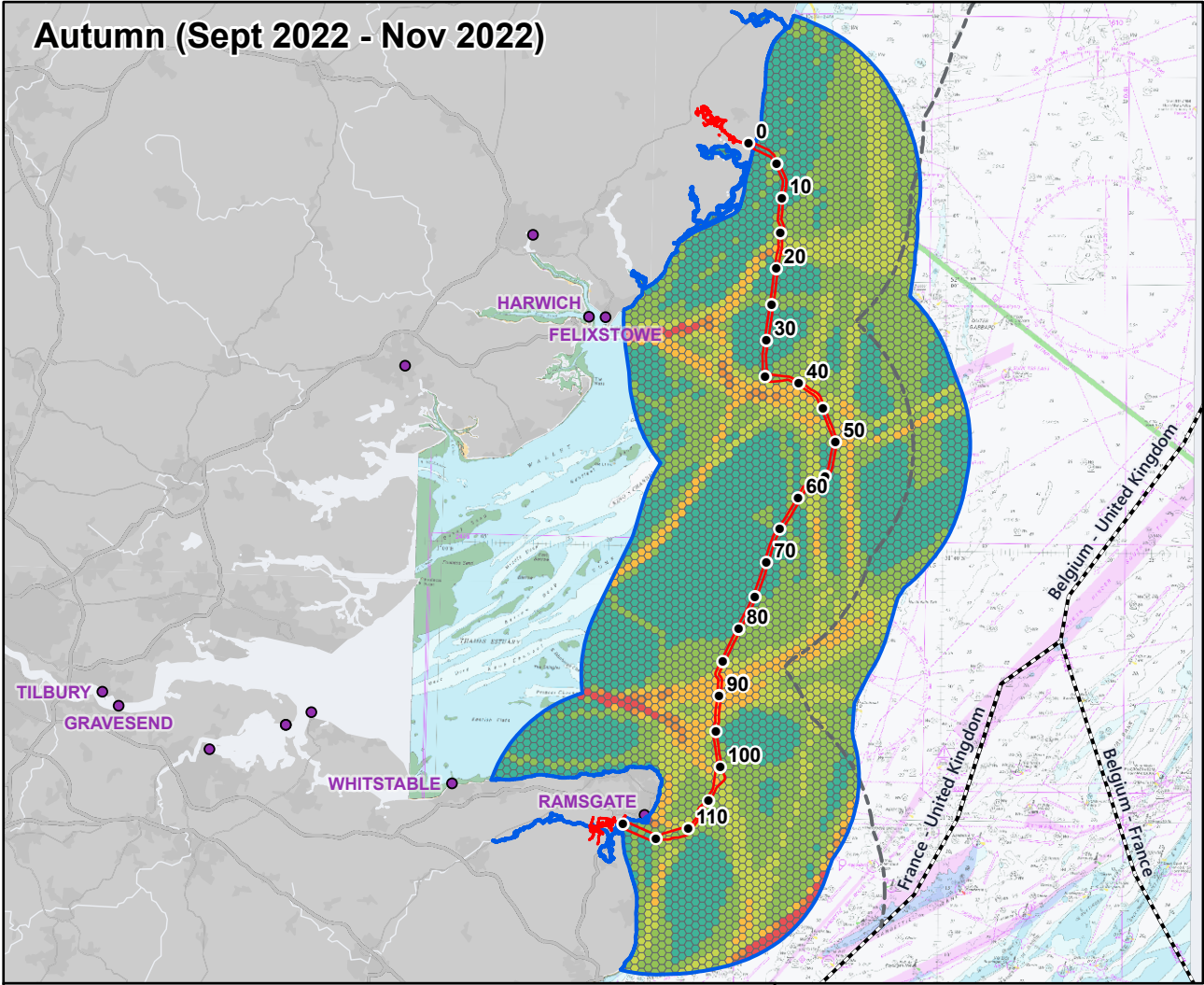
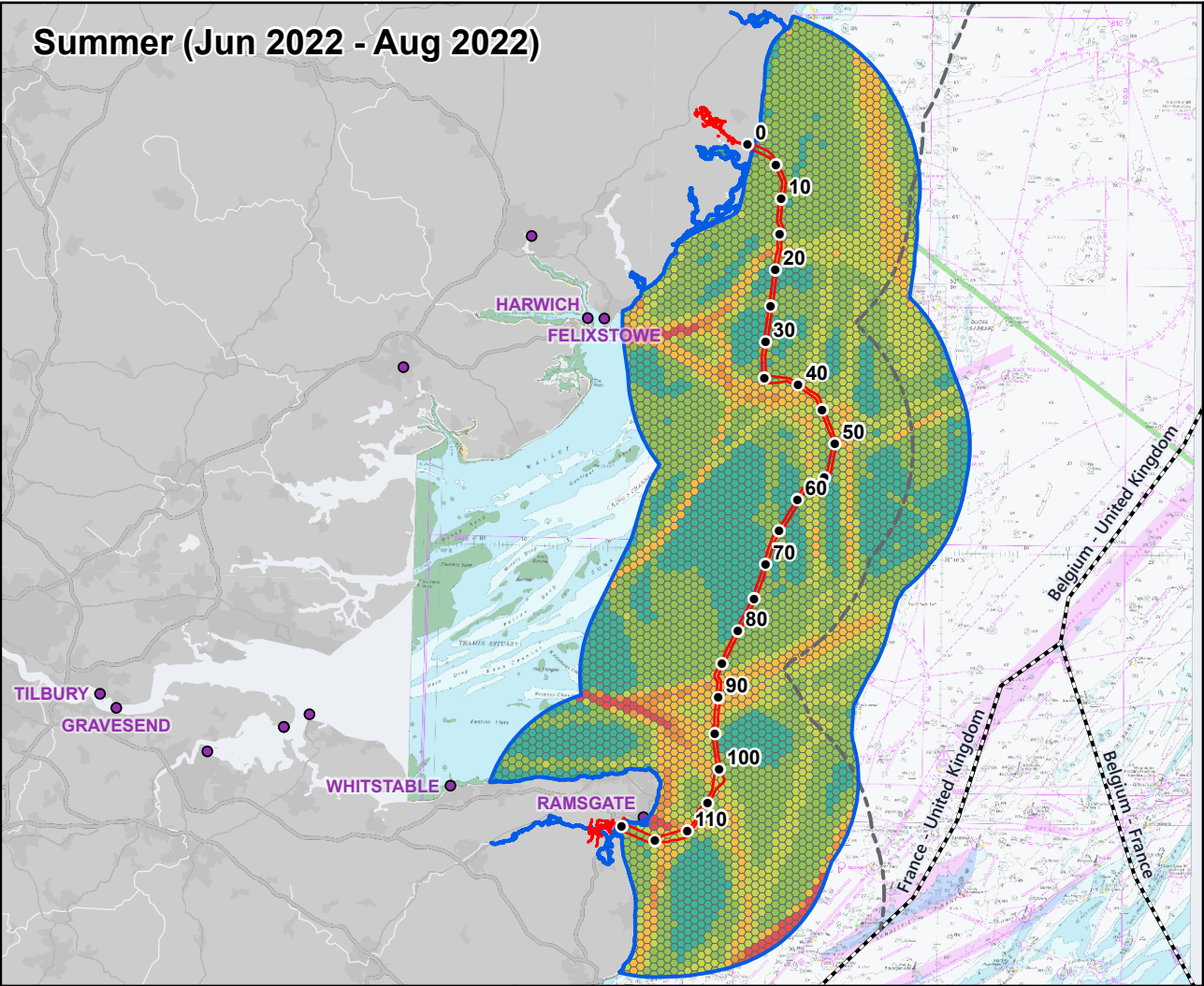
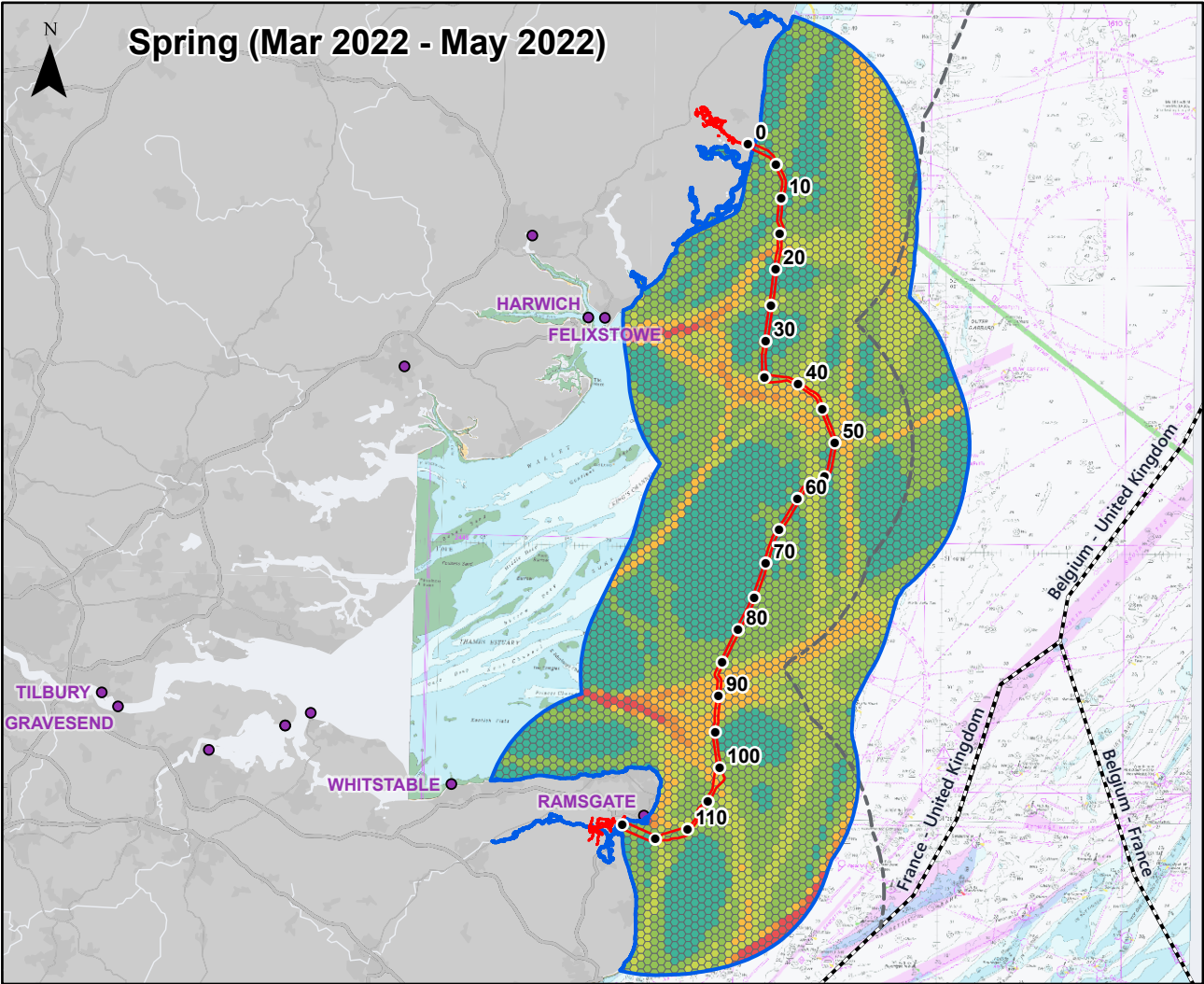
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Rev	Date	Description	GIS	Chk	App

nationalgrid

Scheme: SEA LINK

Document Title: MAIB events

Creator: BQ	Date: 12/09/2024	Checker: LM	Date: 12/09/2024	Approver: XX	Date:
Document Ref: FIG 6.4.4.7 A.8	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	



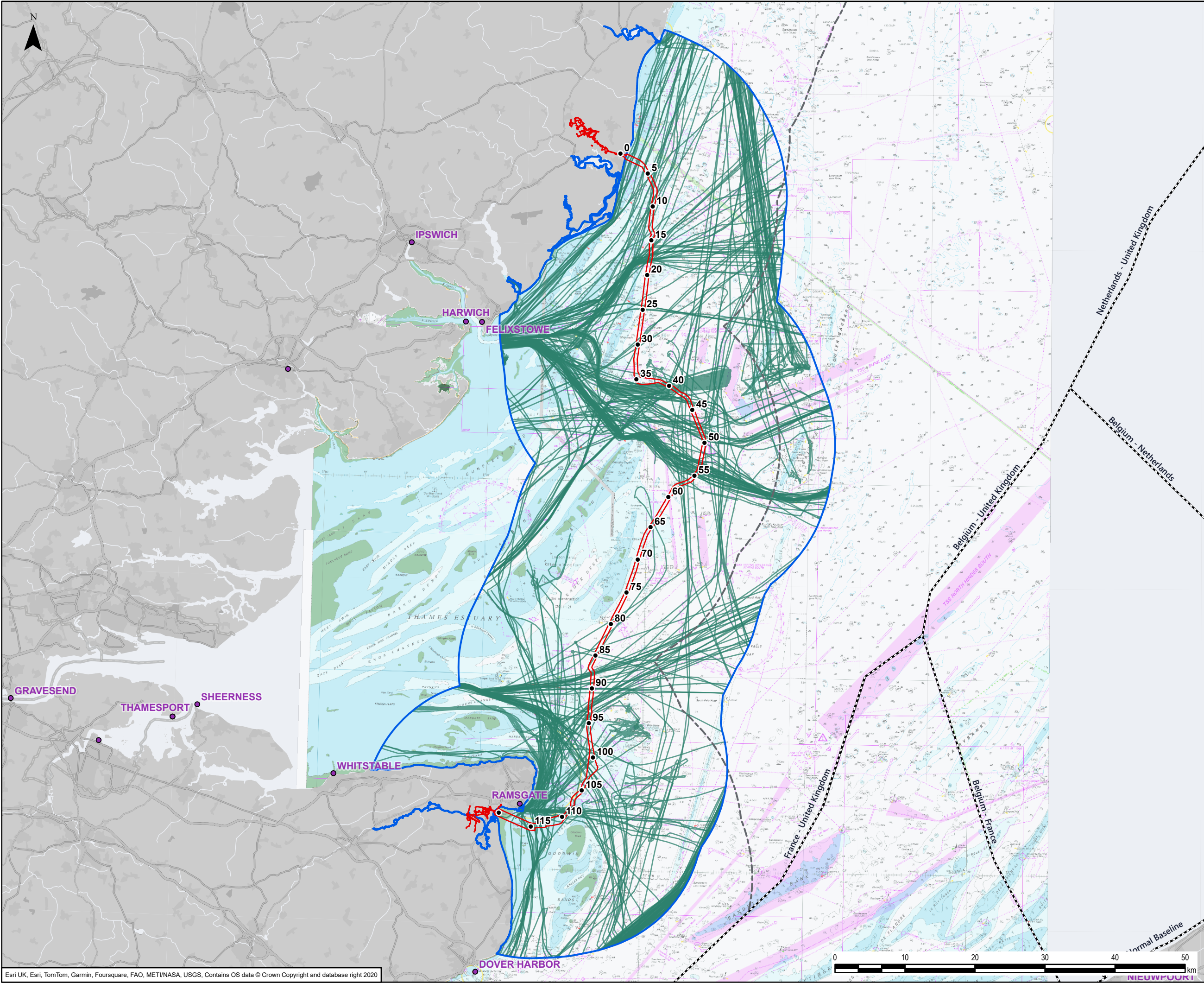
Legend

- Kilometre Point (KP)
- DF3 Order Limits
- 10 NM shipping and navigation study area
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Seasonal vessel track density per 1sqkm

- 0 - 50
- 50 - 250
- 250 - 500
- 500 - 1,000
- 1,000 - 1,500
- 1,500 - 6,000

0	12/09/2024	NAVIGATIONAL RISK ASSESSMENT	BQ	XX	XX
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: Seasonal vessel track density					
Creator: BQ	Date: 12/09/2024	Checker: LM	Date: 12/09/2024	Approver: XX	Date:
Document Ref: FIG 6.4.7 A.9	Scale: 1:975,000	Format: A3	Sheets: 1	Rev: 0	



- Legend
- Kilometre Point (KP)
 - DF3 Order Limits
 - 10 NM shipping and navigation study area
 - Port
 - UK Territorial Sea Limit
 - EEZ Boundaries
 - Vessel tracks on the busiest day (27 May 2022)

0	12/09/2024	NAVIGATIONAL RISK ASSESSMENT	BQ	XX	XX
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: Busiest day					
Creator: BQ	Date: 12/09/2024	Checker: LM	Date: 12/09/2024	Approver: XX	Date:
Document Ref: FIG 6.4.4.7.A.10	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom

Registered in England and Wales
No. 4031152
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