

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: B

November 2025

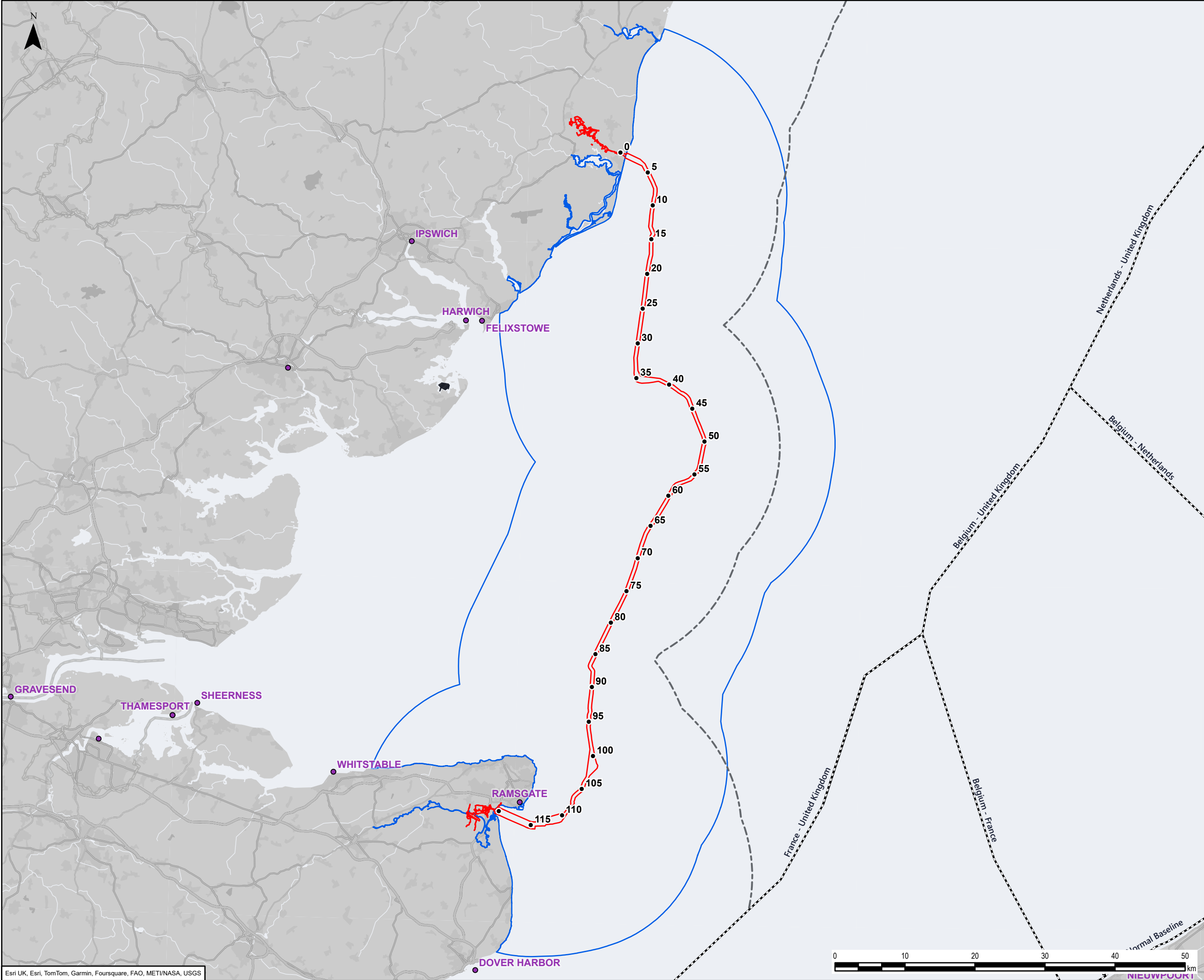
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 Regulation 5(2)(a)

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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

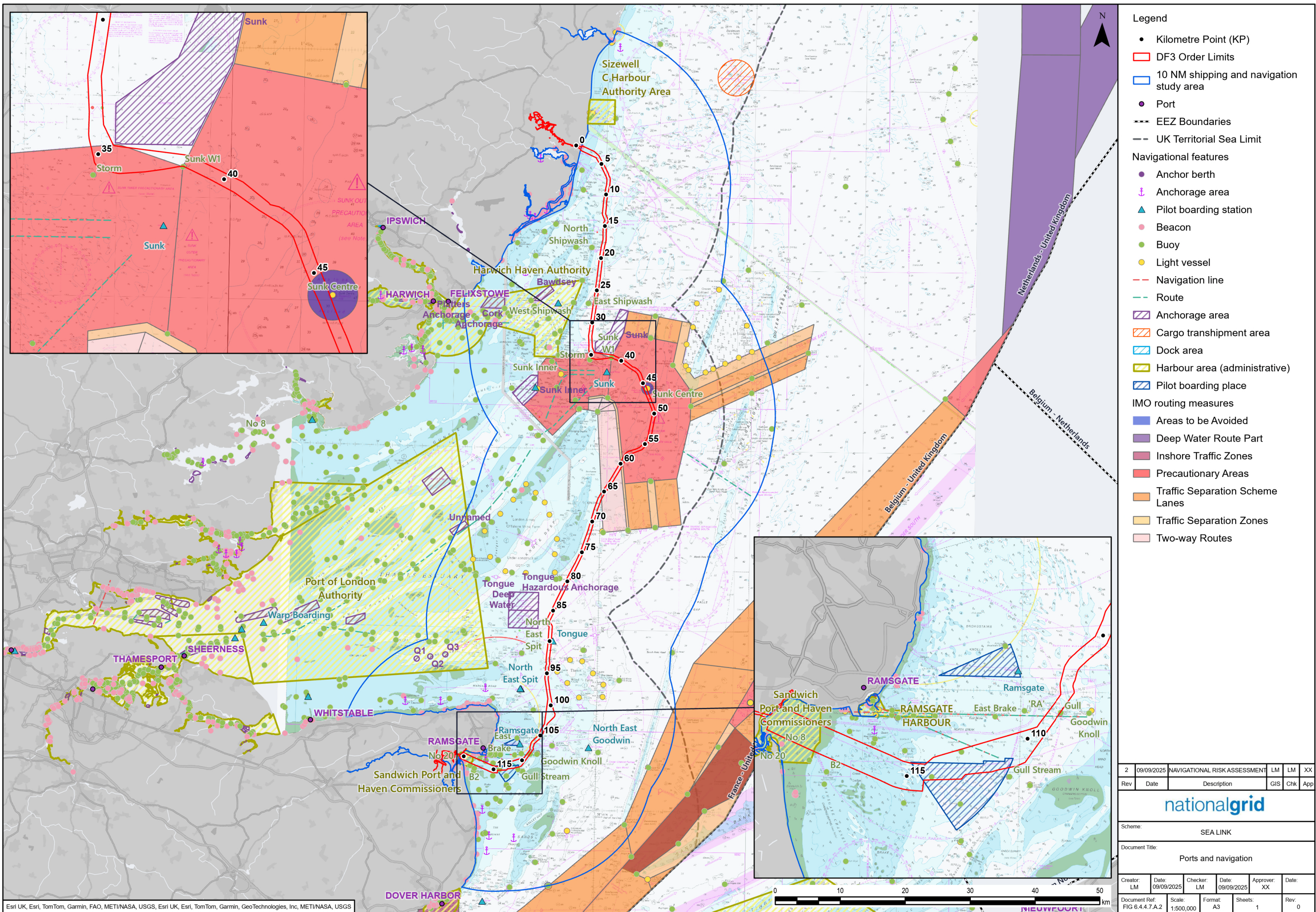
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Rev	Date	Description	GIS	Chk	App

nationalgrid

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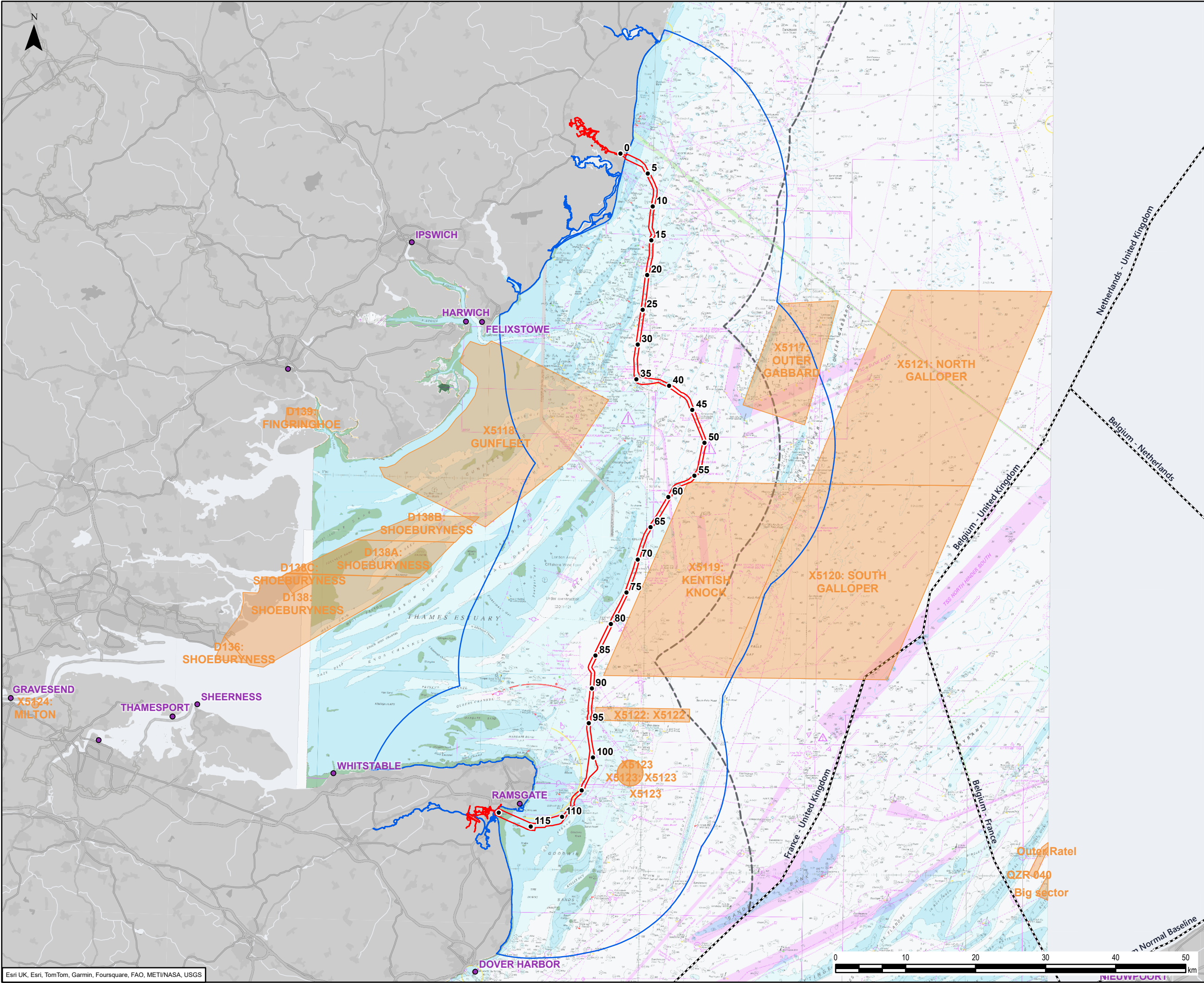
Document Title: Shipping and navigation study area

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



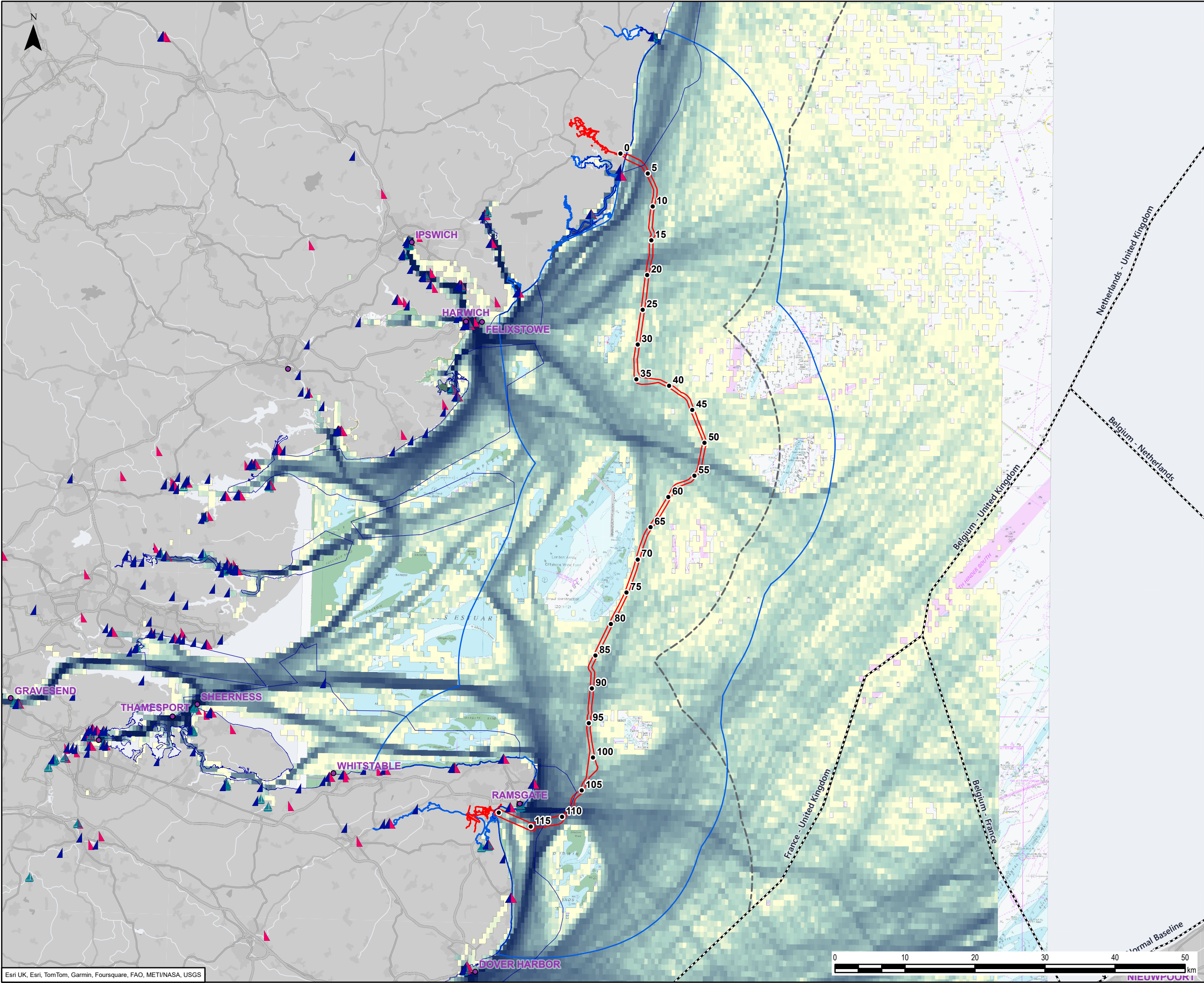
- Legend
- Kilometre Point (KP)
 - DF3 Order Limits
 - 10 NM shipping and navigation study area
 - Port
 - EEZ Boundaries
 - UK Territorial Sea Limit
- Navigational features
- Anchor berth
 - Anchor area
 - Pilot boarding station
 - Beacon
 - Buoy
 - Light vessel
 - Navigation line
 - Route
 - Anchor area
 - Cargo transhipment area
 - Dock area
 - Harbour area (administrative)
 - Pilot boarding place
- IMO routing measures
- Areas to be Avoided
 - Deep Water Route Part
 - Inshore Traffic Zones
 - Precautionary Areas
 - Traffic Separation Scheme Lanes
 - Traffic Separation Zones
 - Two-way Routes

2	09/09/2025	NAVIGATIONAL RISK ASSESSMENT	LM	LM	XX
Rev	Date	Description	GIS	Chk	App
nationalgrid					
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Creator: LM	Date: 09/09/2025	Checker: LM	Date: 09/09/2025	Approver: XX	Date:
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
 - 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

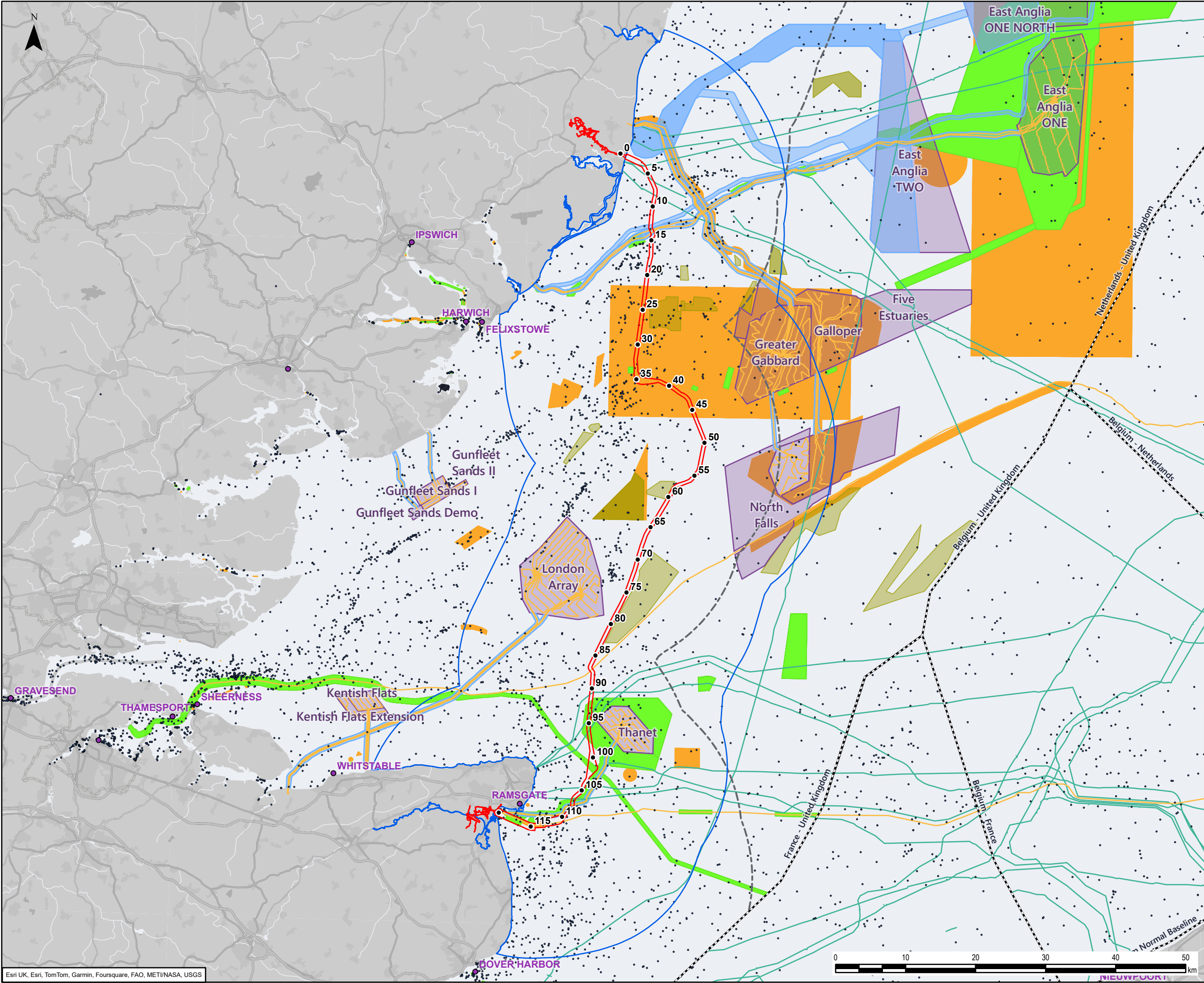
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Rev	Date	Description	GIS	Chk	App

nationalgrid

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Document Title: Recreation

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Document Ref: FIG 6.4.4.7 A.4	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
- 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

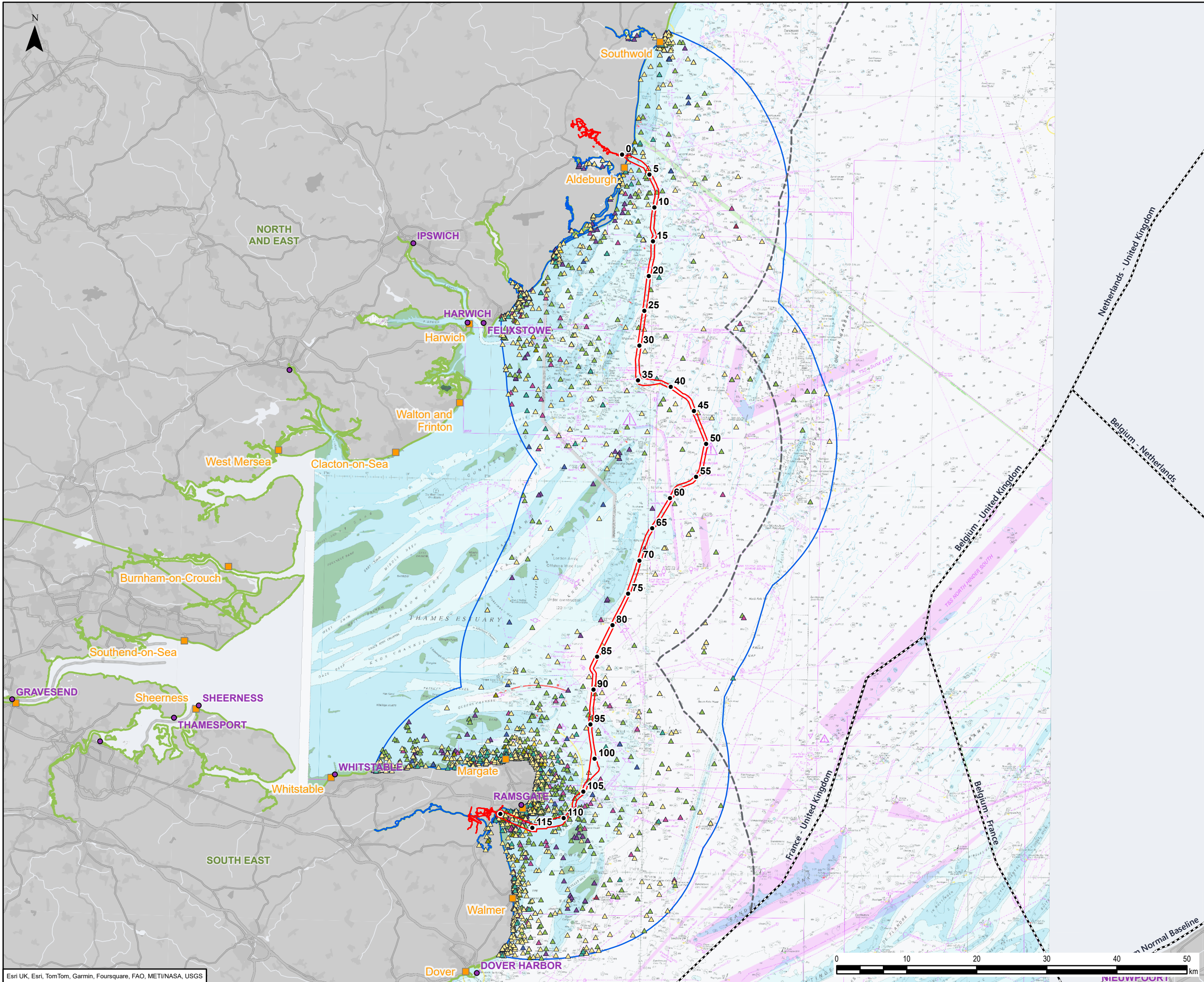
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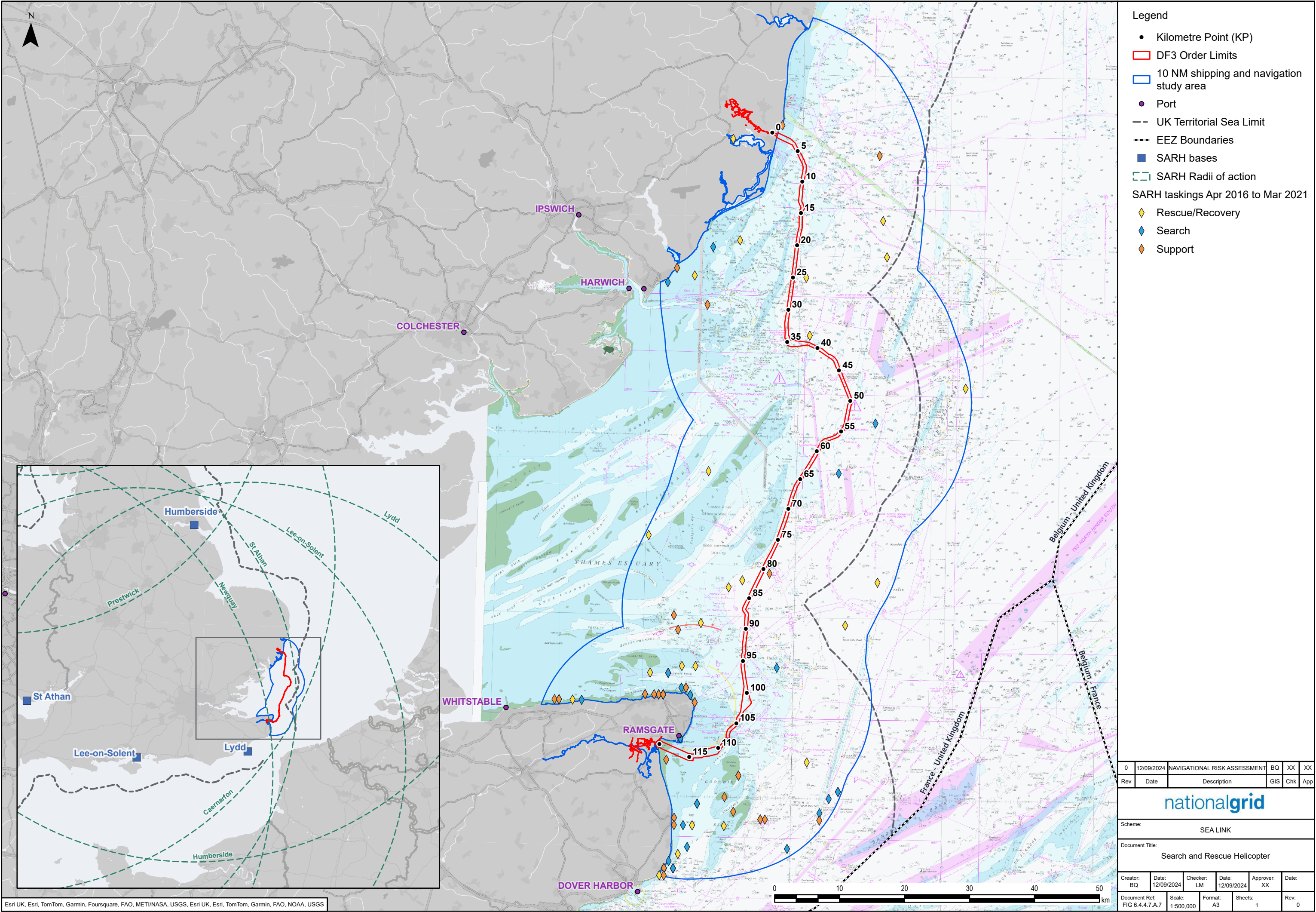
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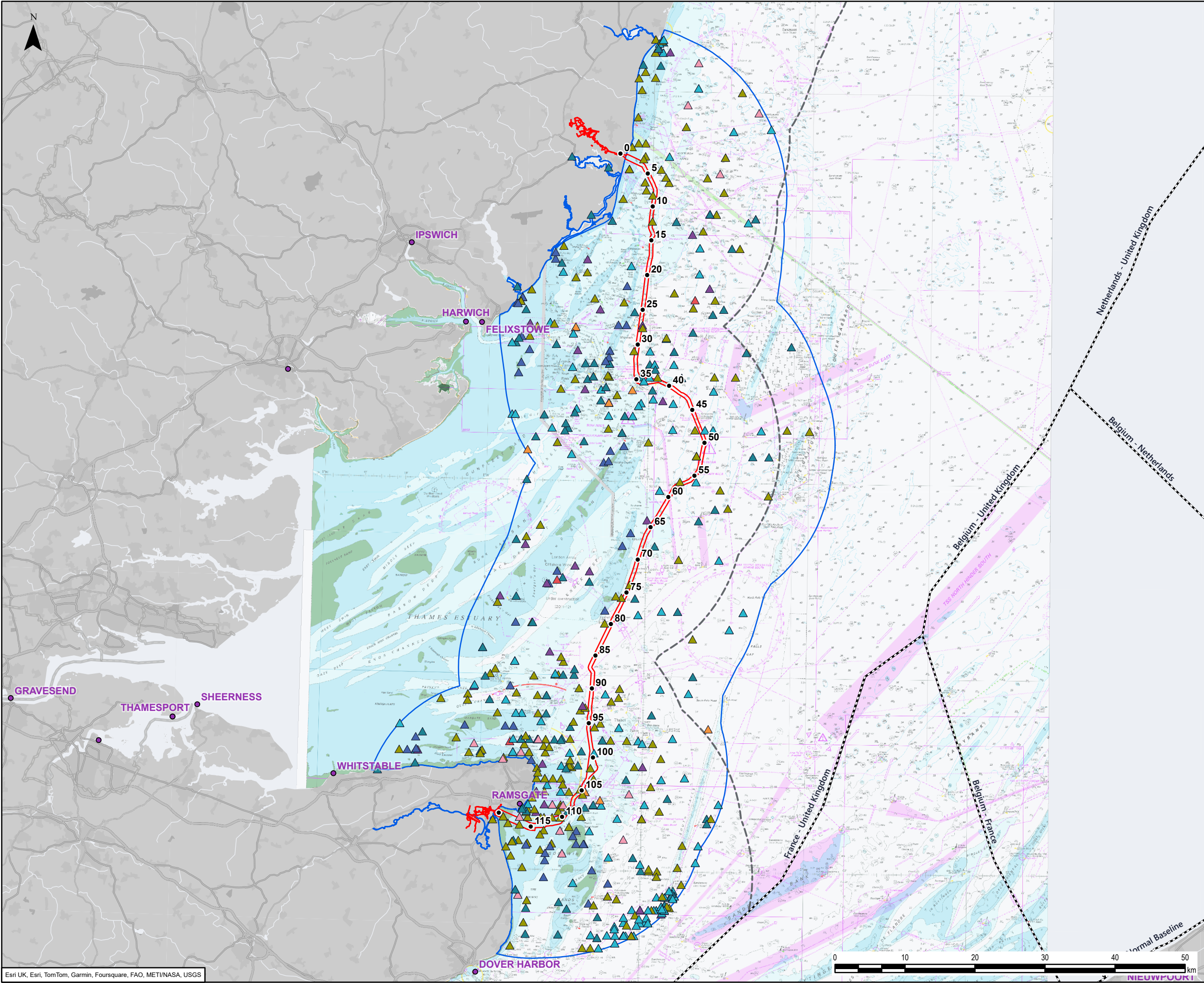
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Document Ref: FIG 6.4.4.7-A-5	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 0	



- 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

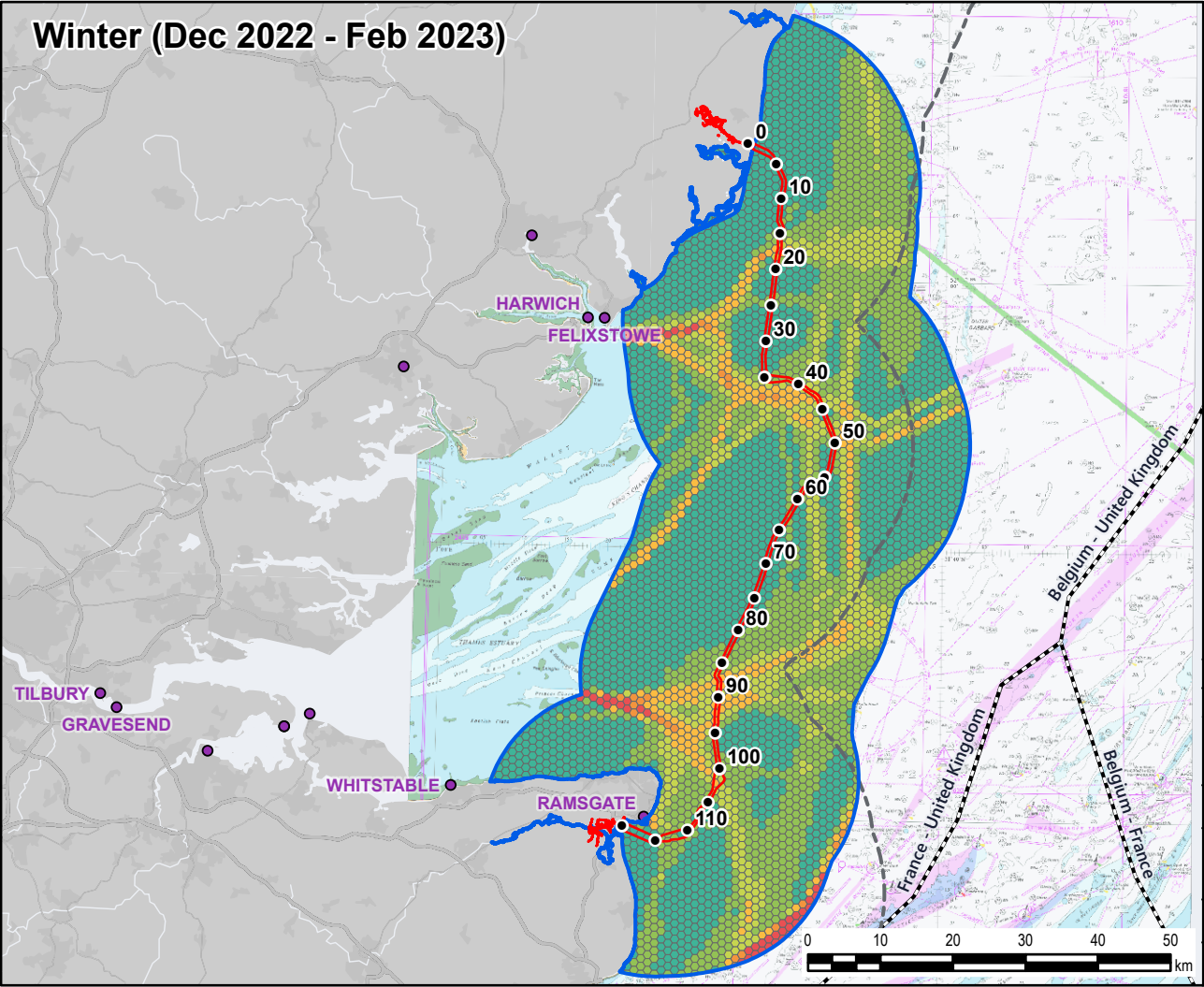
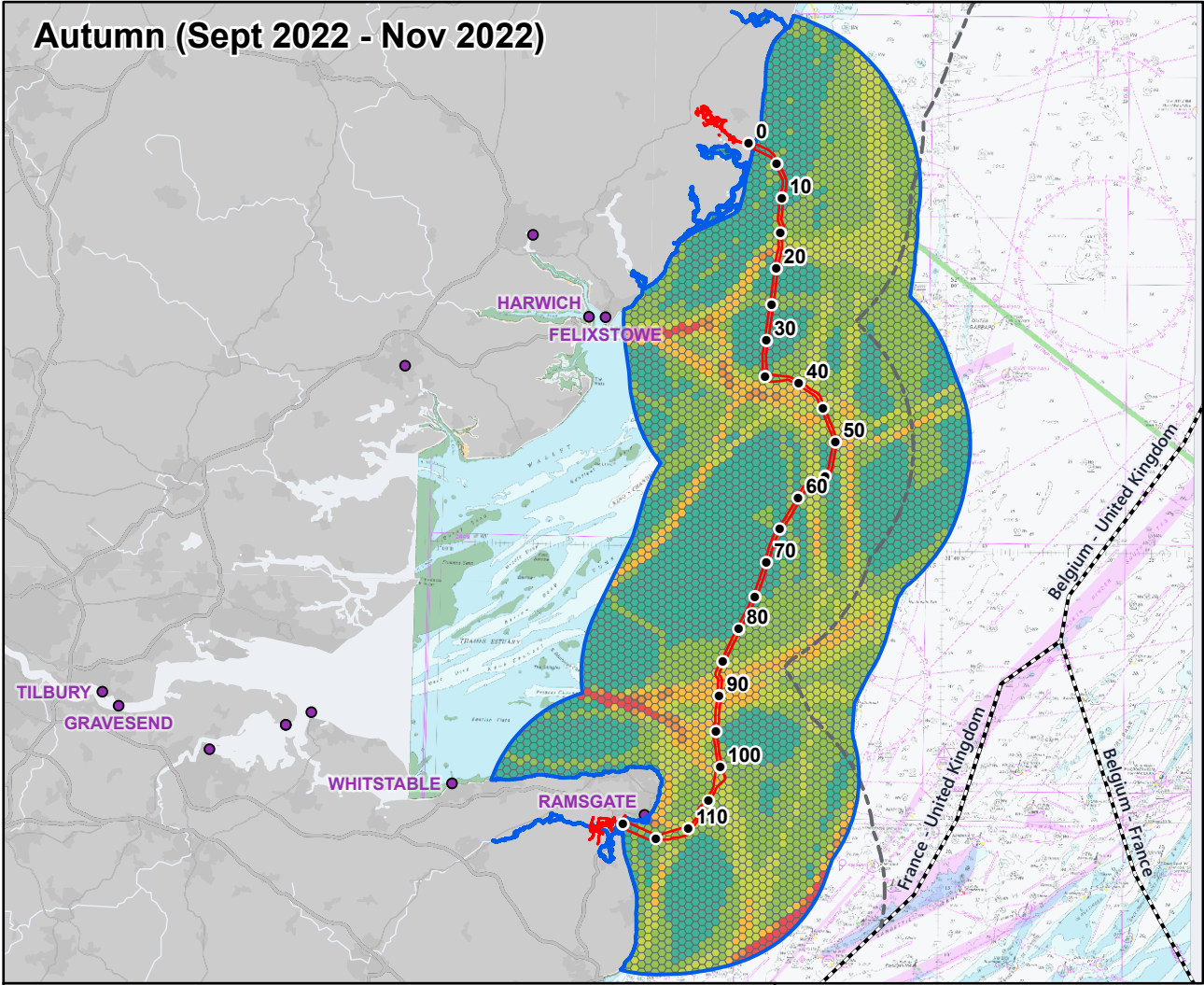
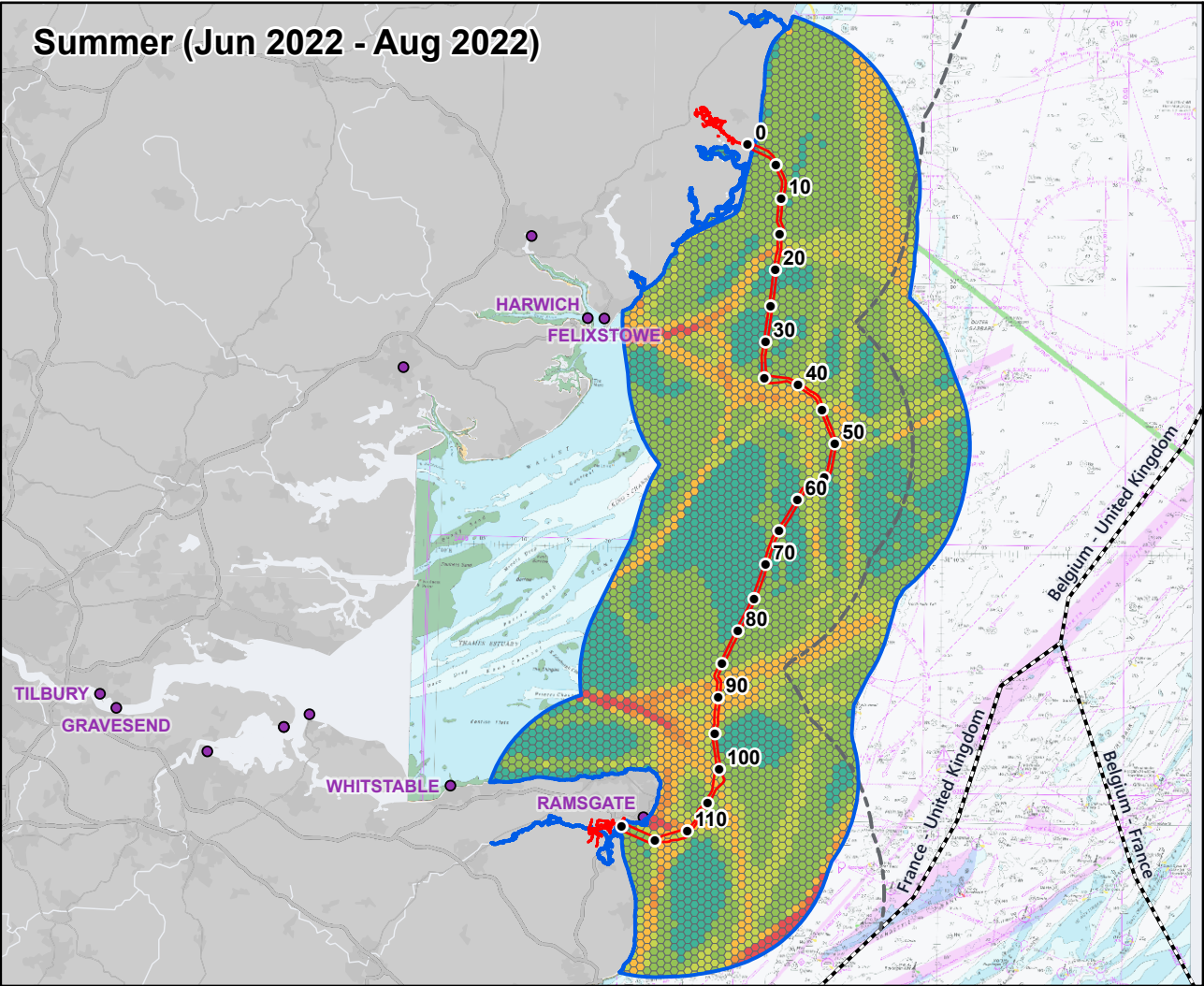
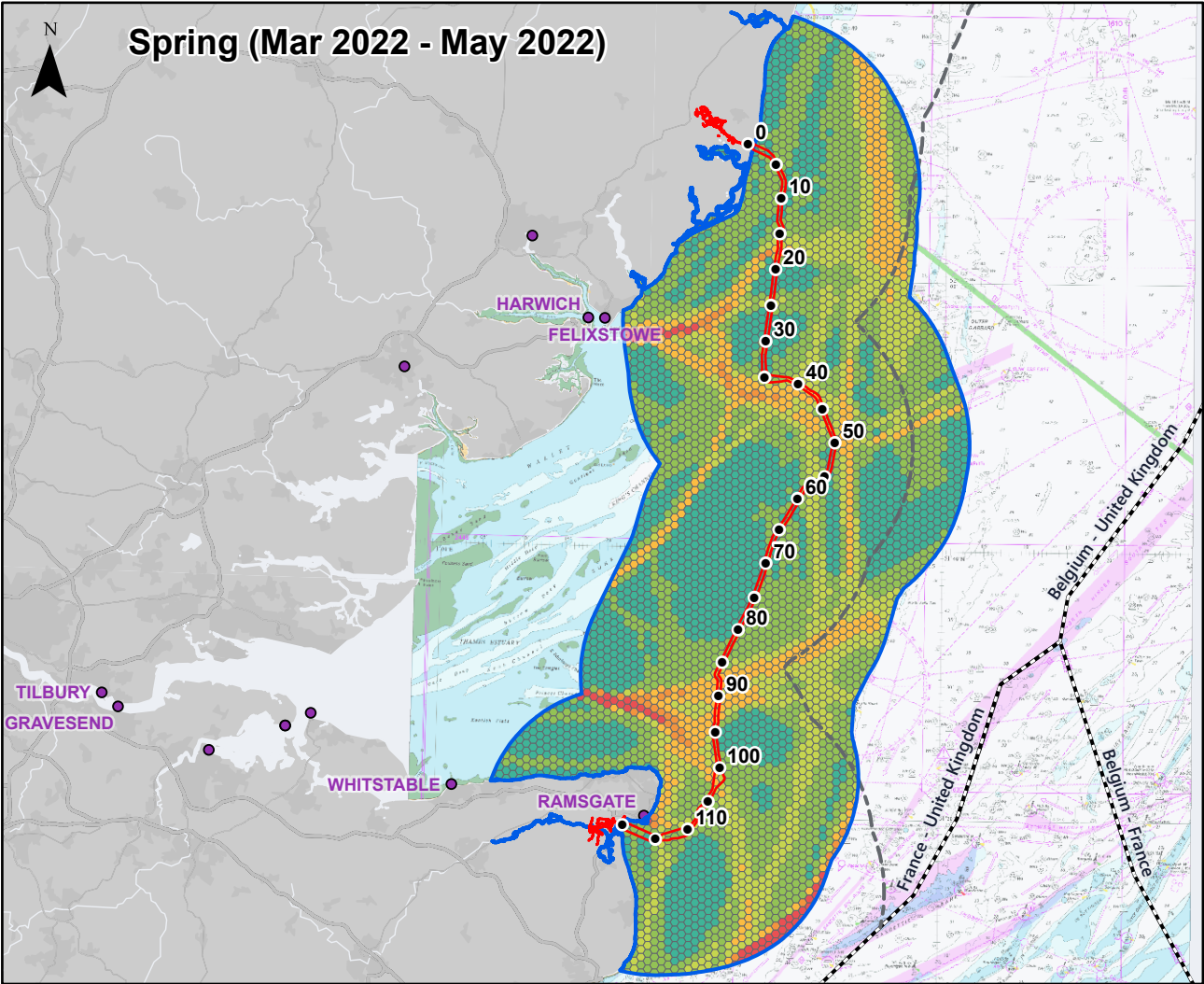
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Rev	Date	Description	GIS	Chk	App
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Document Title: RNLI search and rescue					
Creator: BQ	Date: 12/09/2024	Checker: LM	Date: 12/09/2024	Approver: XX	Date:
Document Ref: FIG 6.4.7.A.6	Scale: 1:500,000	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
- MAIB event
- ▲ Capsizing / listing
 - ▲ Collision
 - ▲ Contact
 - ▲ Damage/loss of equipment
 - ▲ Fire / explosion
 - ▲ Floating object
 - ▲ Flooding / foundering
 - ▲ Grounding / stranding
 - ▲ Hull failure
 - ▲ Loss of control
 - ▲ Other

0	12/09/2024	NAVIGATIONAL RISK ASSESSMENT	BQ	XX	XX
Rev	Date	Description	GIS	Chk	App
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Scheme:			SEA LINK		
Document Title:			MAIB events		
Creator: BQ	Date: 12/09/2024	Checker: LM	Date: 12/09/2024	Approver: XX	Date:
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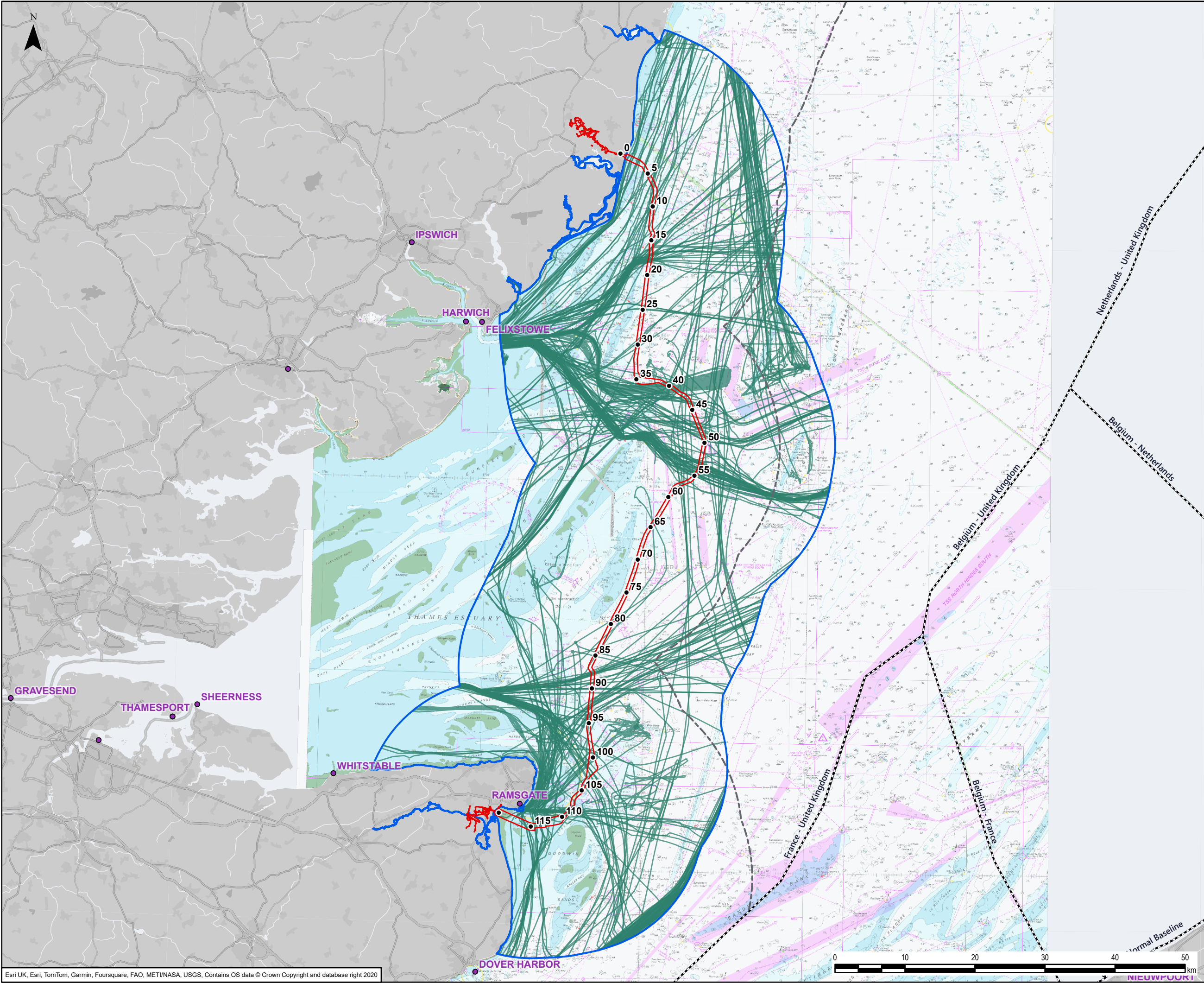
Legend

- Kilometre Point (KP)
- DF3 Order Limits
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- Port
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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
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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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