

Sea Link

Volume 6: Environmental Statement

Document 6.4.4.7.A

Part 4 Marine

Chapter 7 Appendix 4.7.A

Navigational Risk Assessment – Figures Part 1 of 2

Planning Inspectorate Reference: EN020026

Version: ~~BC~~

~~November~~ April 20265

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

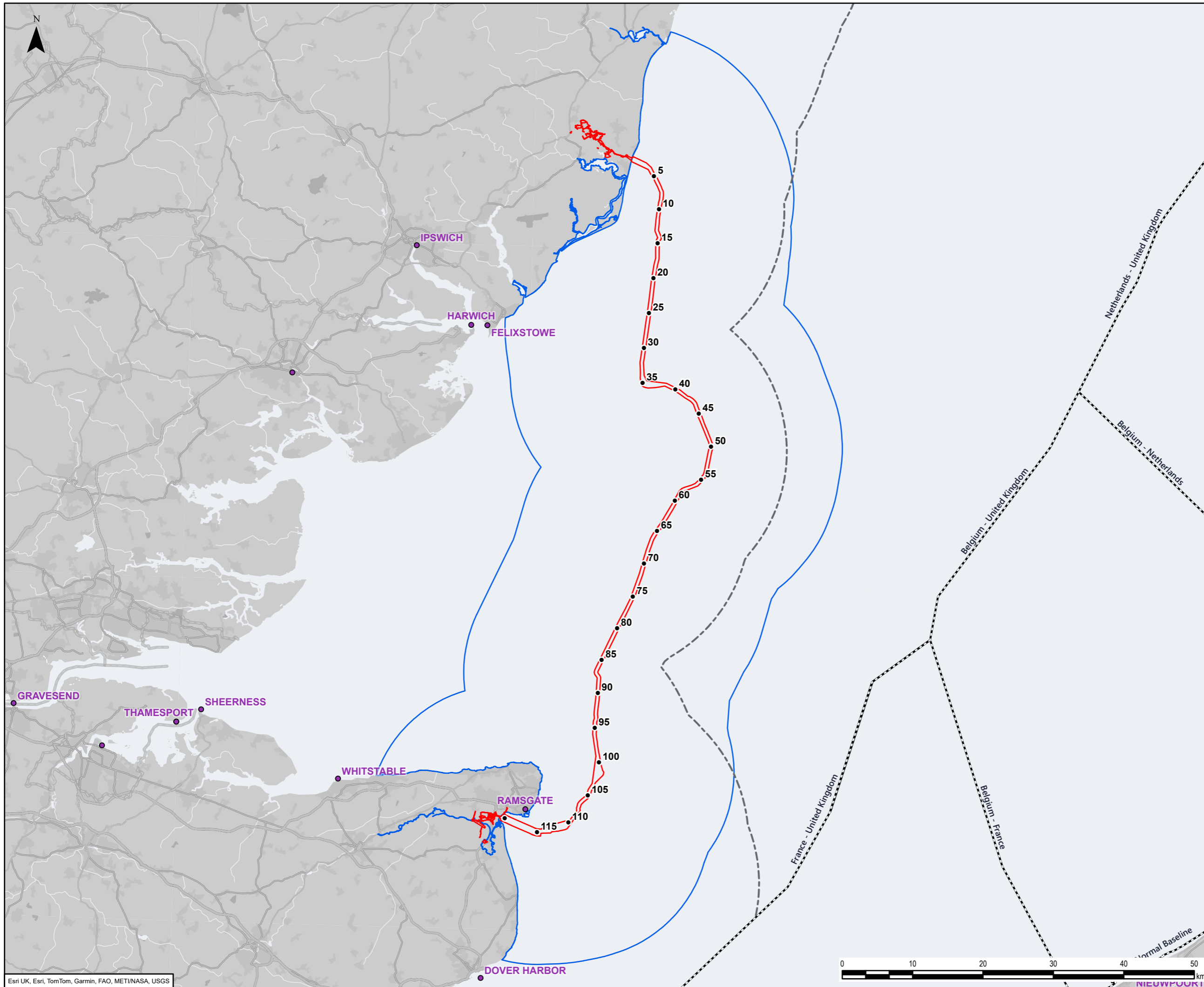
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Version History

Date	Issue	Status	Description / Changes
March 2025	A	Final	For DCO submission
November 2025	B	Final	For Deadline 1
April 2026	C	Final	For Deadline 6



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

2	10/03/2026	NAVIGATIONAL RISK ASSESSMENT	LM	JL	RJ
Rev	Date	Description	GIS	Chk	App

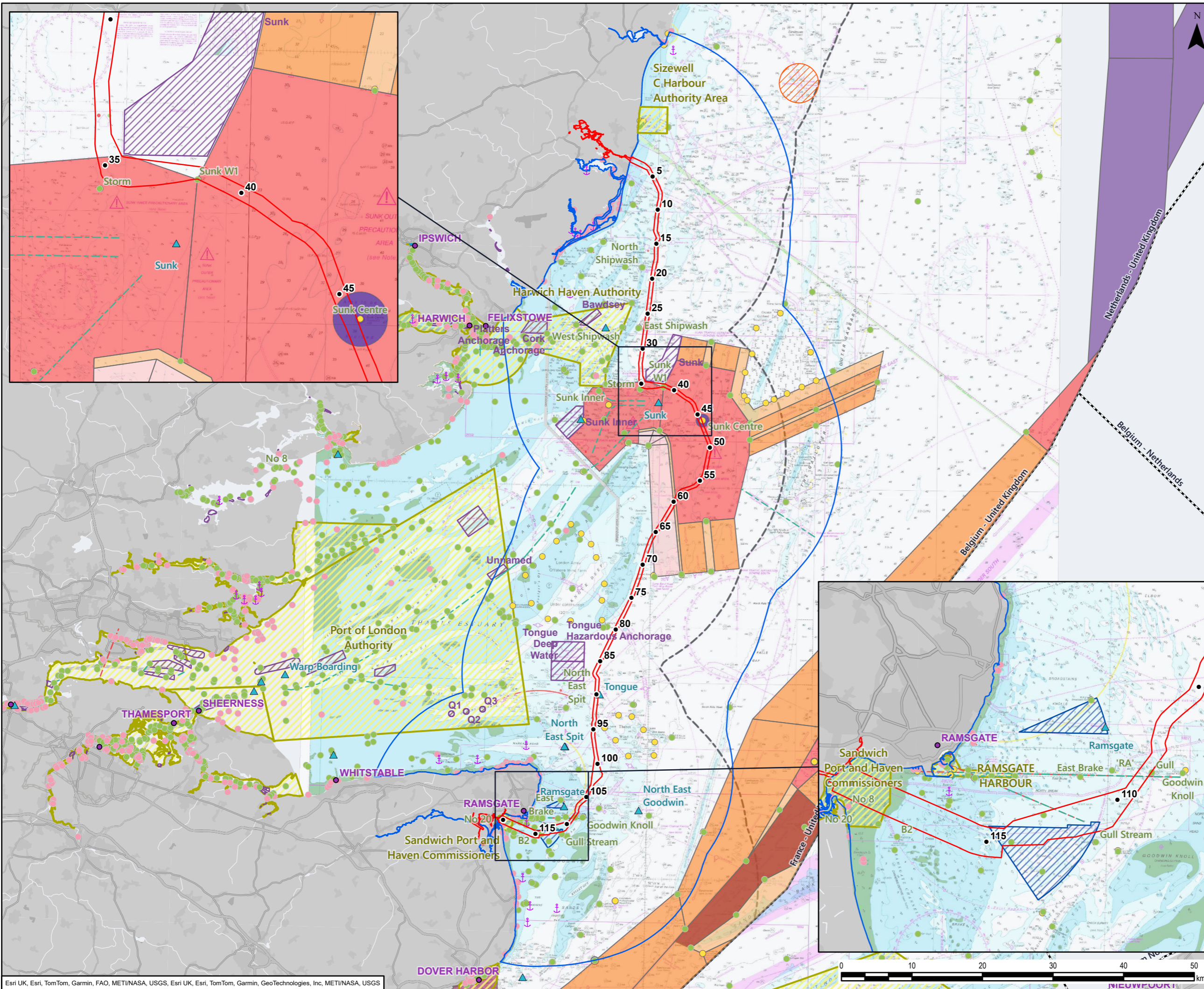
nationalgrid

Scheme: SEA LINK

Document Title: Shipping and navigation study area

Creator: LM	Date: 10/03/2026	Checker: JL	Date: 10/03/2026	Approver: RJ	Date:
Document Ref: FIG 6.4.4.7.A.1	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 2	





- Legend**
- Kilometre Point (KP)
 - Order Limits
 - 10 NM shipping and navigation study area
 - Port
 - - - EEZ Boundaries
 - - - UK Territorial Sea Limit
- Navigational features**
- Anchor berth
 - ⚓ Anchorage area
 - ▲ Pilot boarding station
 - Beacon
 - Buoy
 - Light vessel
 - - - Navigation line
 - - - Route
 - ▨ Anchorage 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

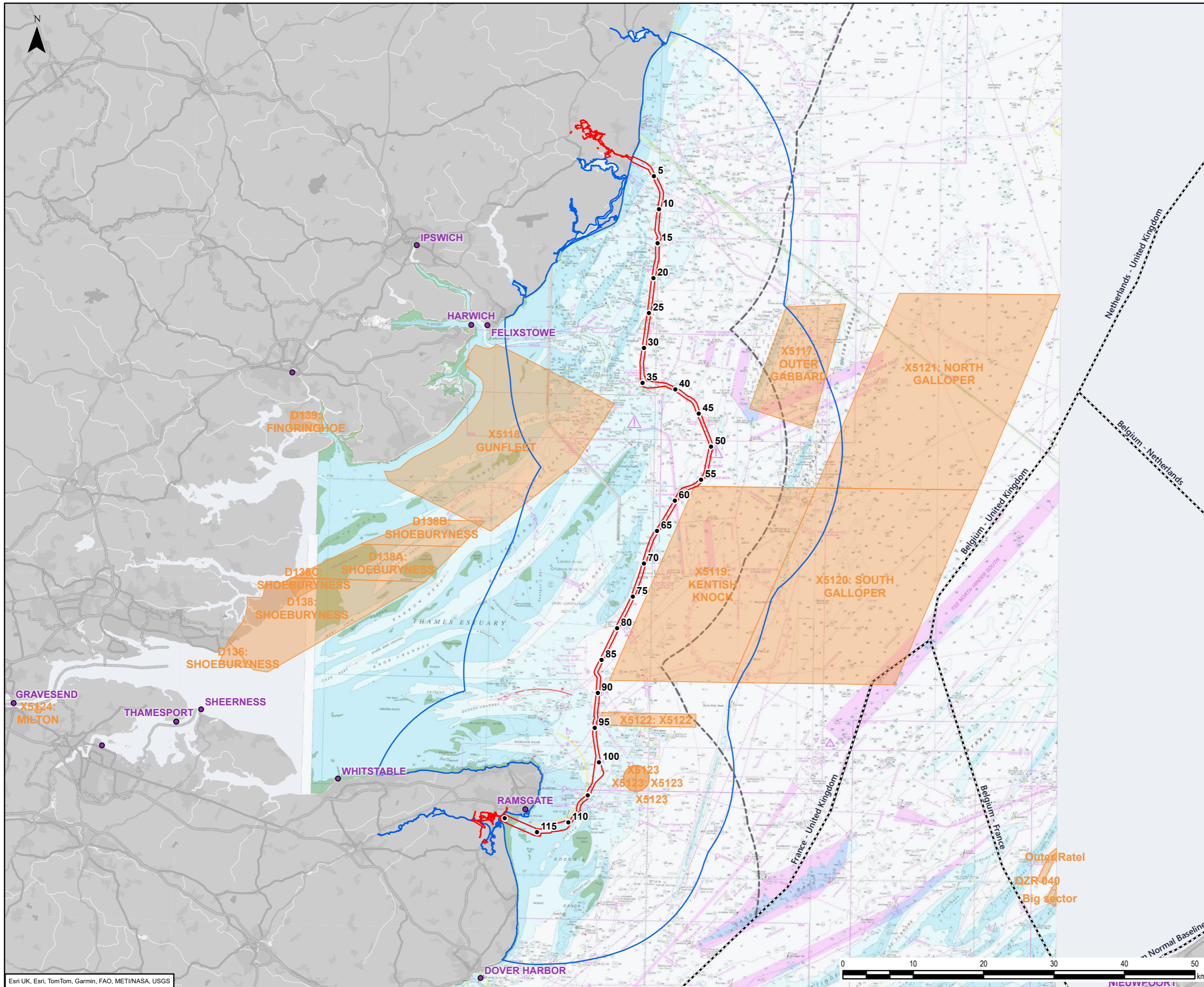
2	10/03/2026	NAVIGATIONAL RISK ASSESSMENT	LM	JL	RJ
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Document Title: Ports and navigation

Creator: LM	Date: 10/03/2026	Checker: JL	Date: 10/03/2026	Approver: RJ	Date:
Document Ref: FIG 6.4.7.A.2	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 2	



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

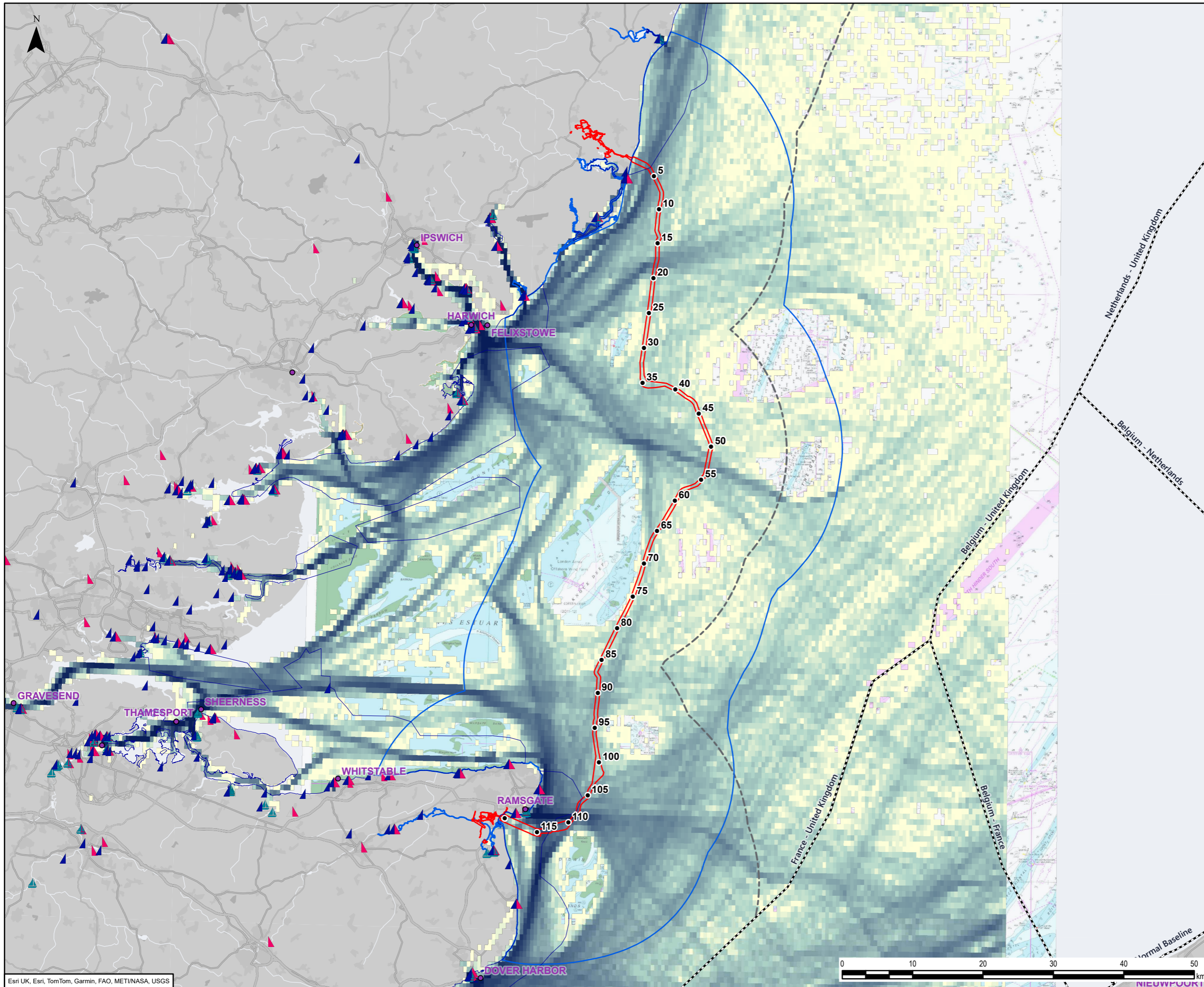
2	10/03/2026	NAVIGATIONAL RISK ASSESSMENT	LM	JL	RJ
Rev	Date	Description	GIS	Chk	App

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Document Title: Military practice areas

Creator: LM	Date: 10/03/2026	Checker: JL	Date: 10/03/2026	Approver: RJ	Date:
Document Ref: FIG 6.4.4.7.A.3	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 2	



Legend

- Kilometre Point (KP)
- 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

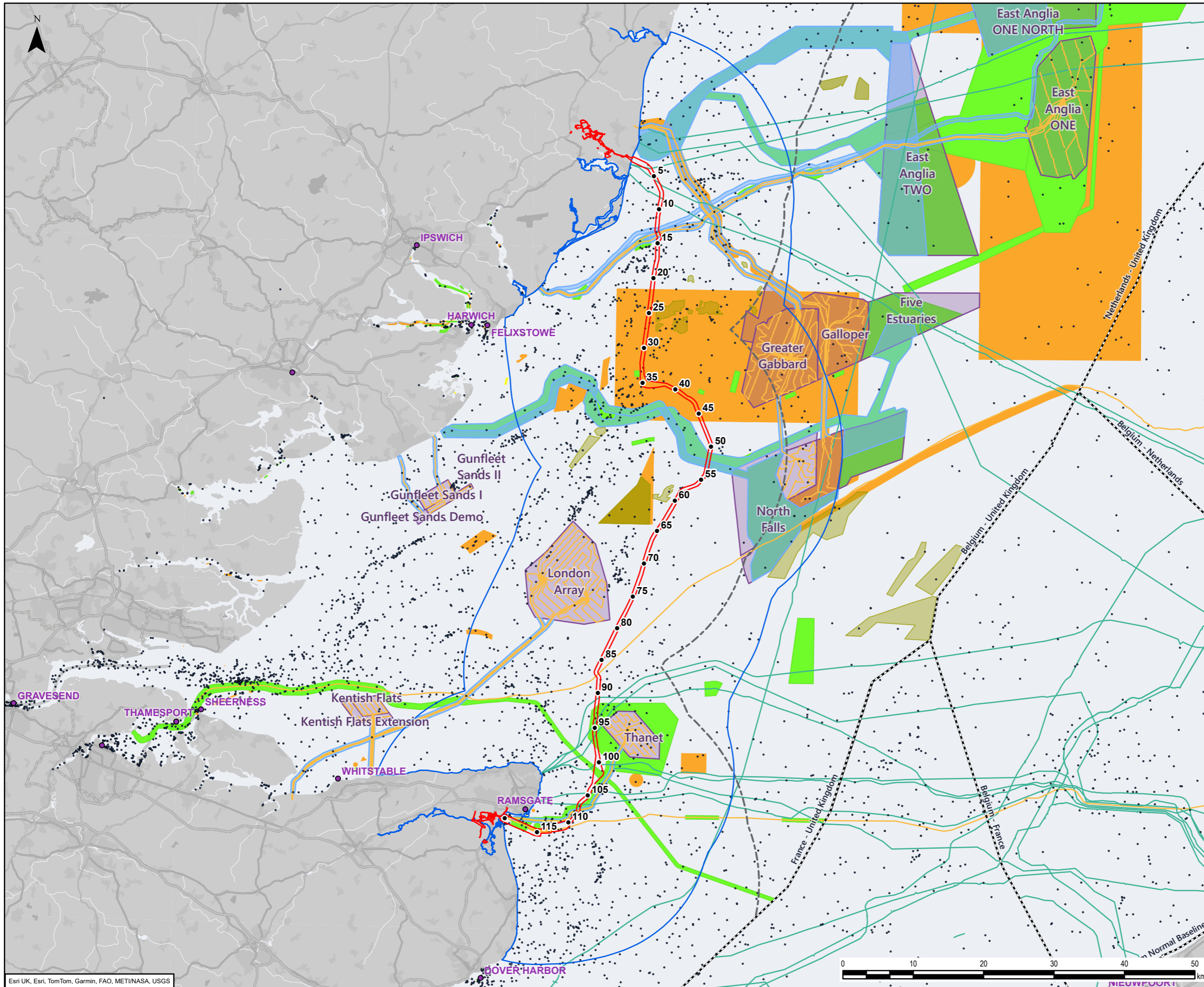
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Rev	Date	Description	GIS	Chk	App

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Document Title: Recreation

Creator: LM	Date: 10/03/2026	Checker: JL	Date: 10/03/2026	Approver: RJ	Date:
Document Ref: FIG 6.4.4.7.A.4	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 2	



- Legend**
- Kilometre Point (KP)
 - 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 and mining site agreements
- Cables**
- Power
 - Telecom
- Dredge spoil dumping**
- Closed
 - Disused
 - Open

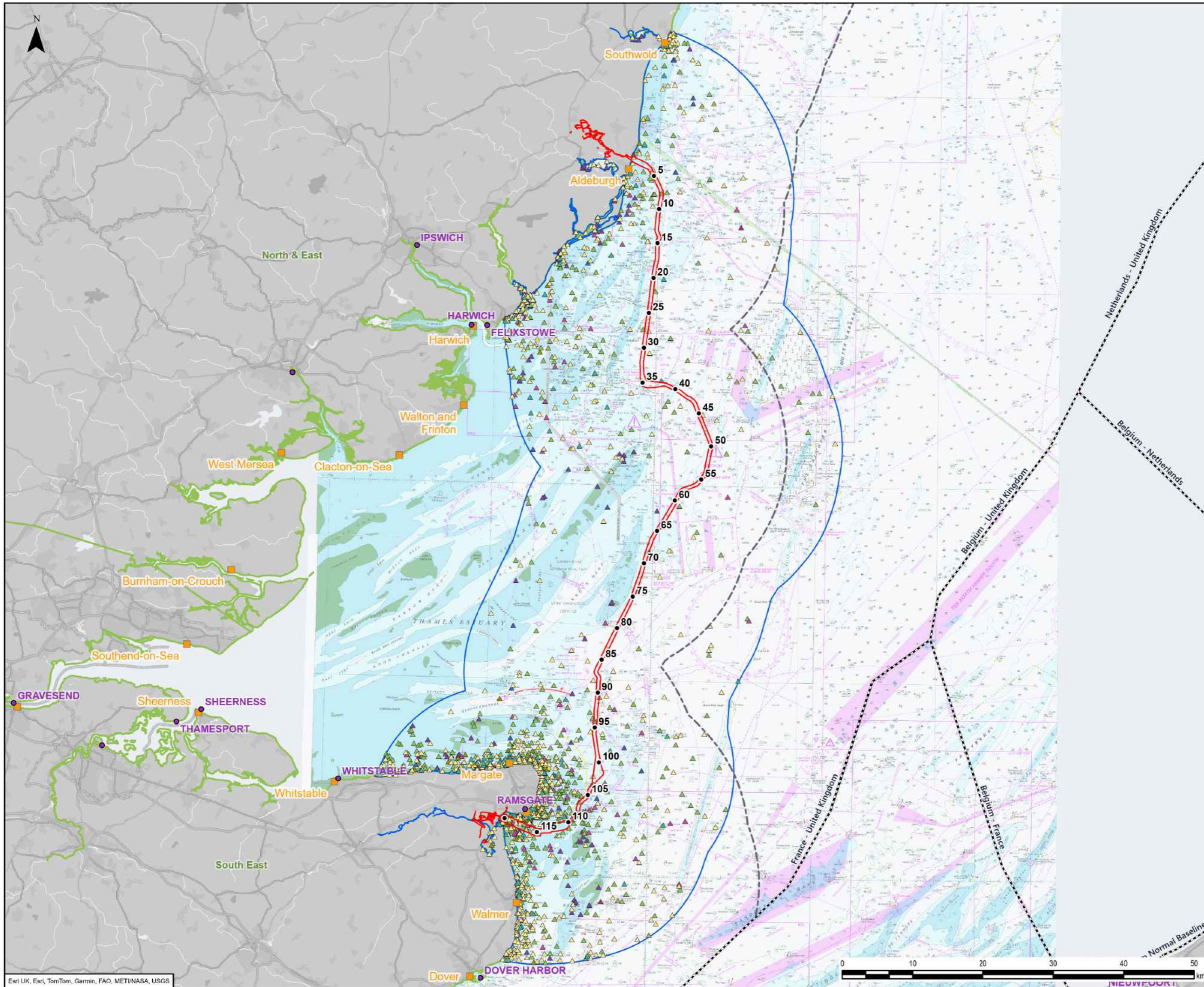
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Document Title: Other navigational features

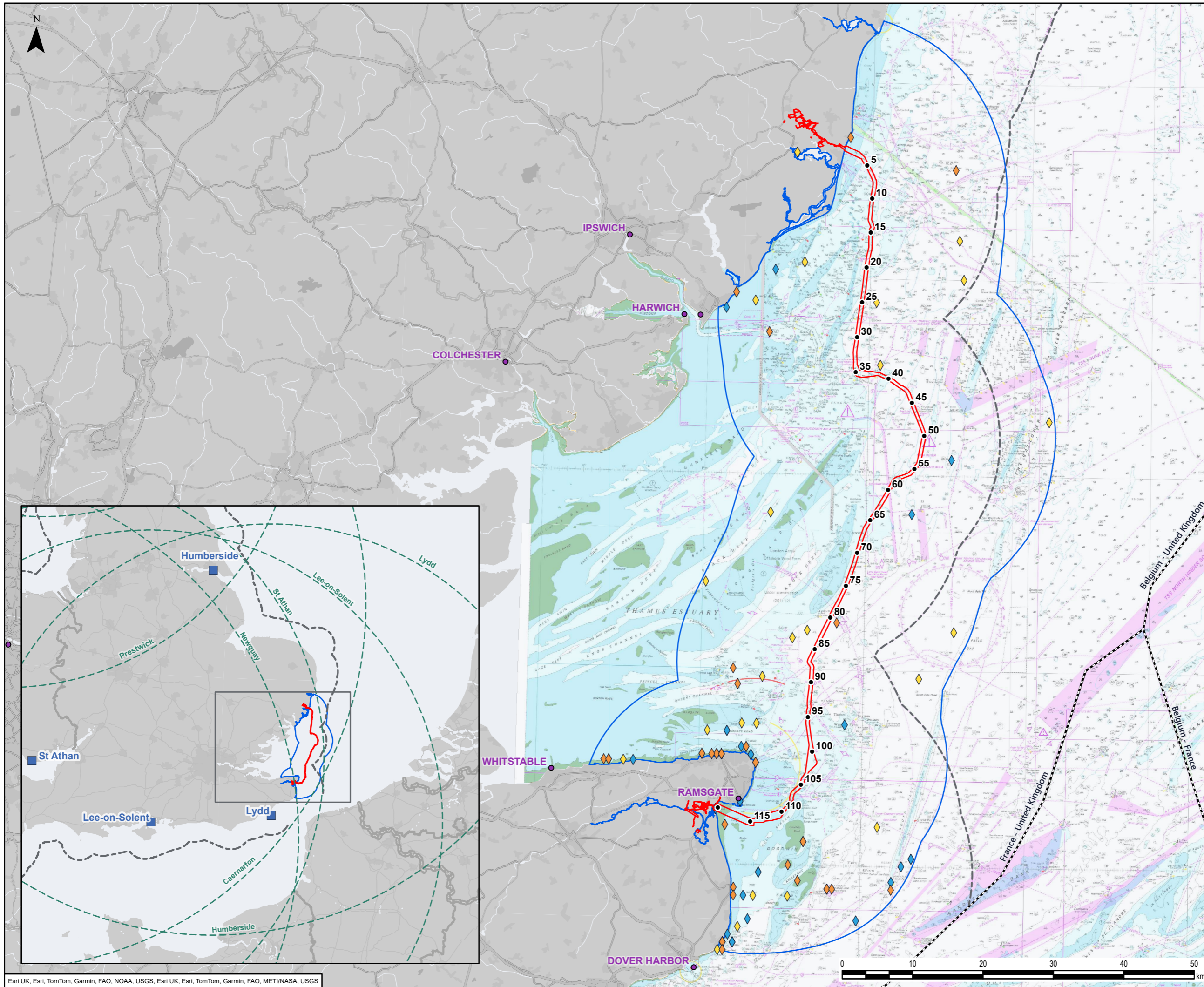
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- Legend**
- Kilometre Point (KP)
 - ▭ Order Limits
 - ▭ 10 NM shipping and navigation study area
 - Port
 - UK Territorial Sea Limit
 - EEZ Boundaries
 - RNLi Lifeboat station
 - ▭ RNLi regions
- RNLi Returns of Service (2008 - 2020)
- ▲ Adverse conditions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

2	02/04/2026	NAVIGATIONAL RISK ASSESSMENT	LM	JL	RJ
Rev	Date	Description	GIS	Chk	App

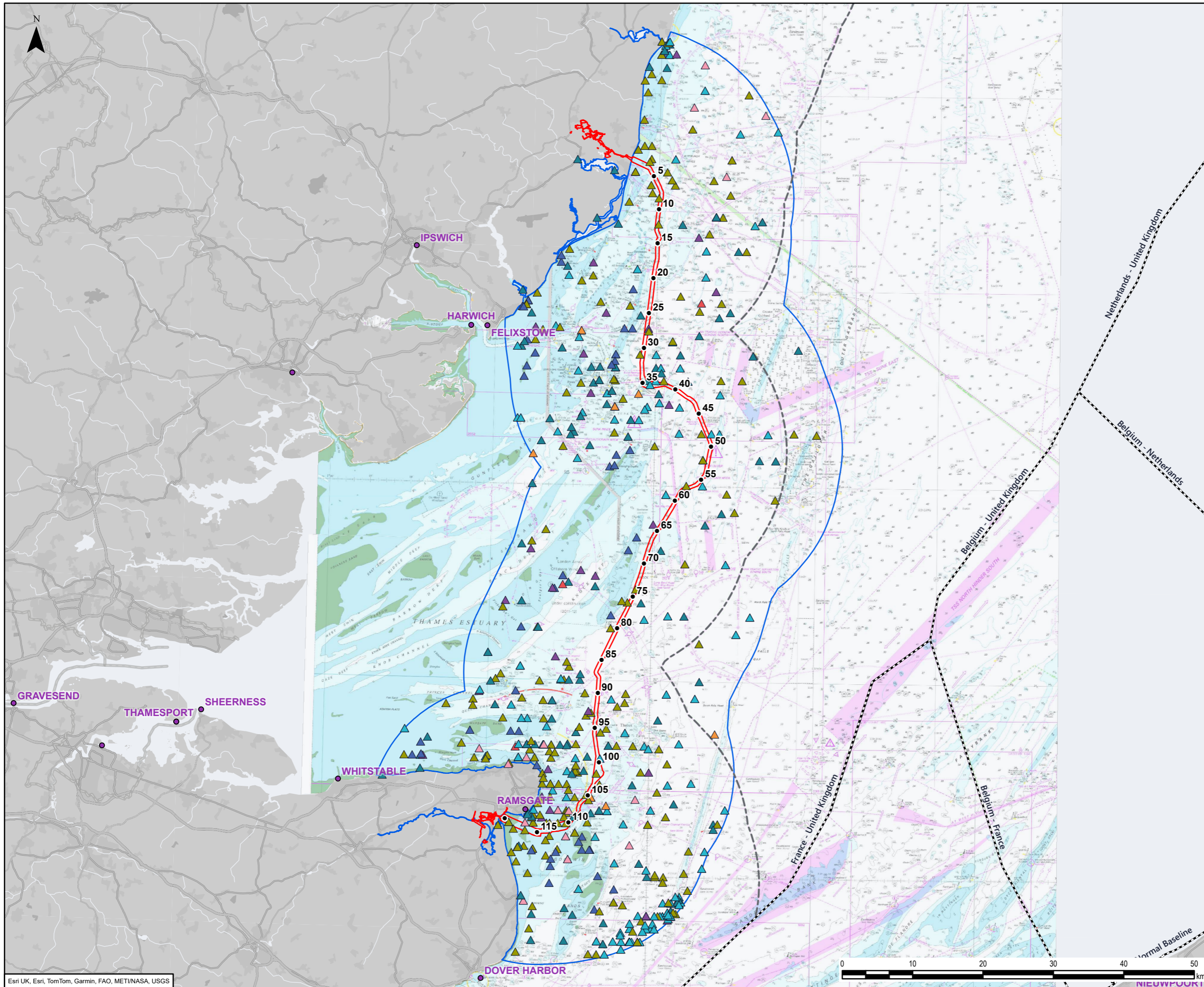
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Document Title: RNLi search and rescue					
Creator	Date	Checker	Date	Approver	Date
LM	02/04/2026	JL	02/04/2026	RJ	
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIG 6.4.4.7.A.6	1:500,000	A3	1	2	



- Legend**
- Kilometre Point (KP)
 - ▭ 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

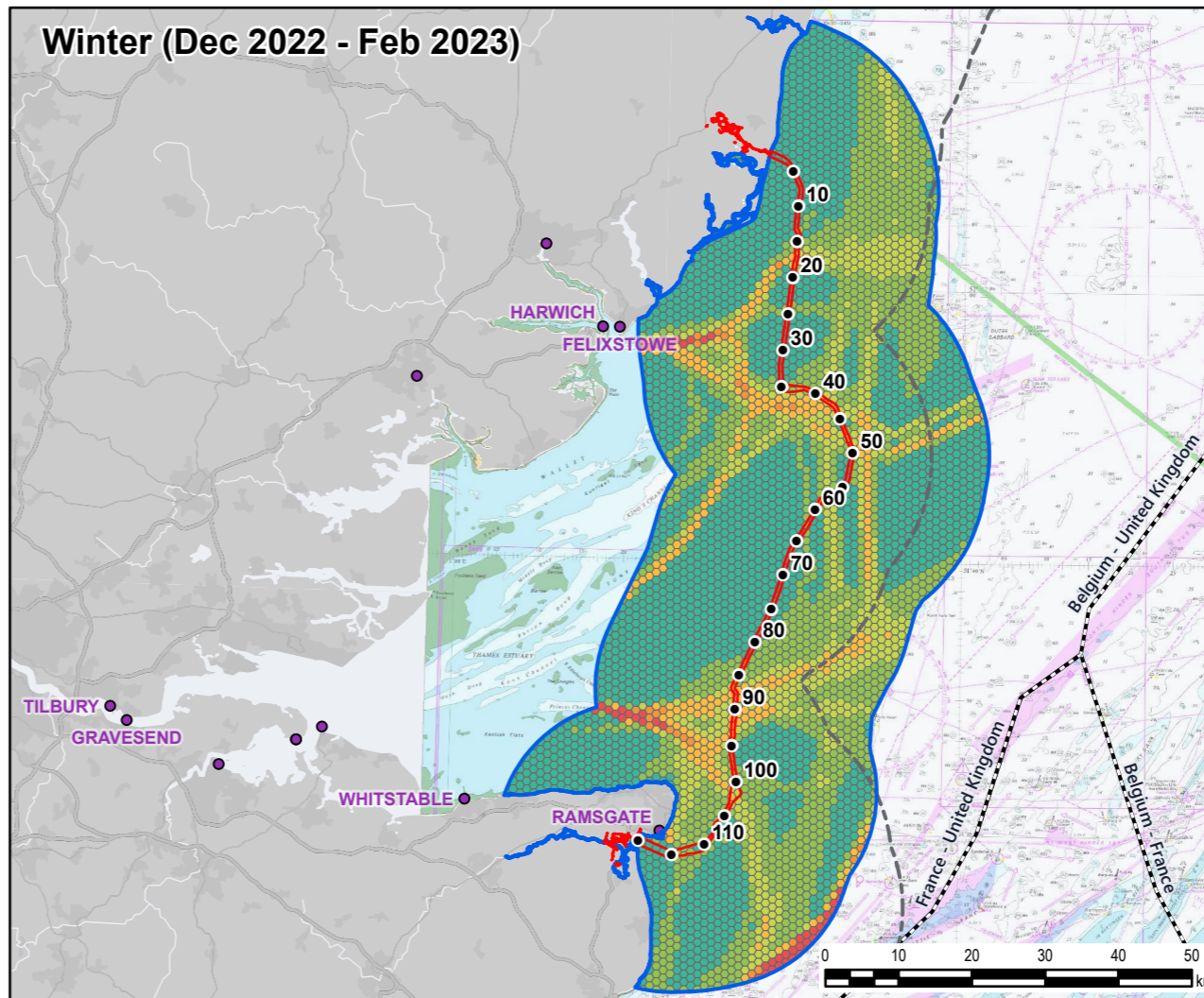
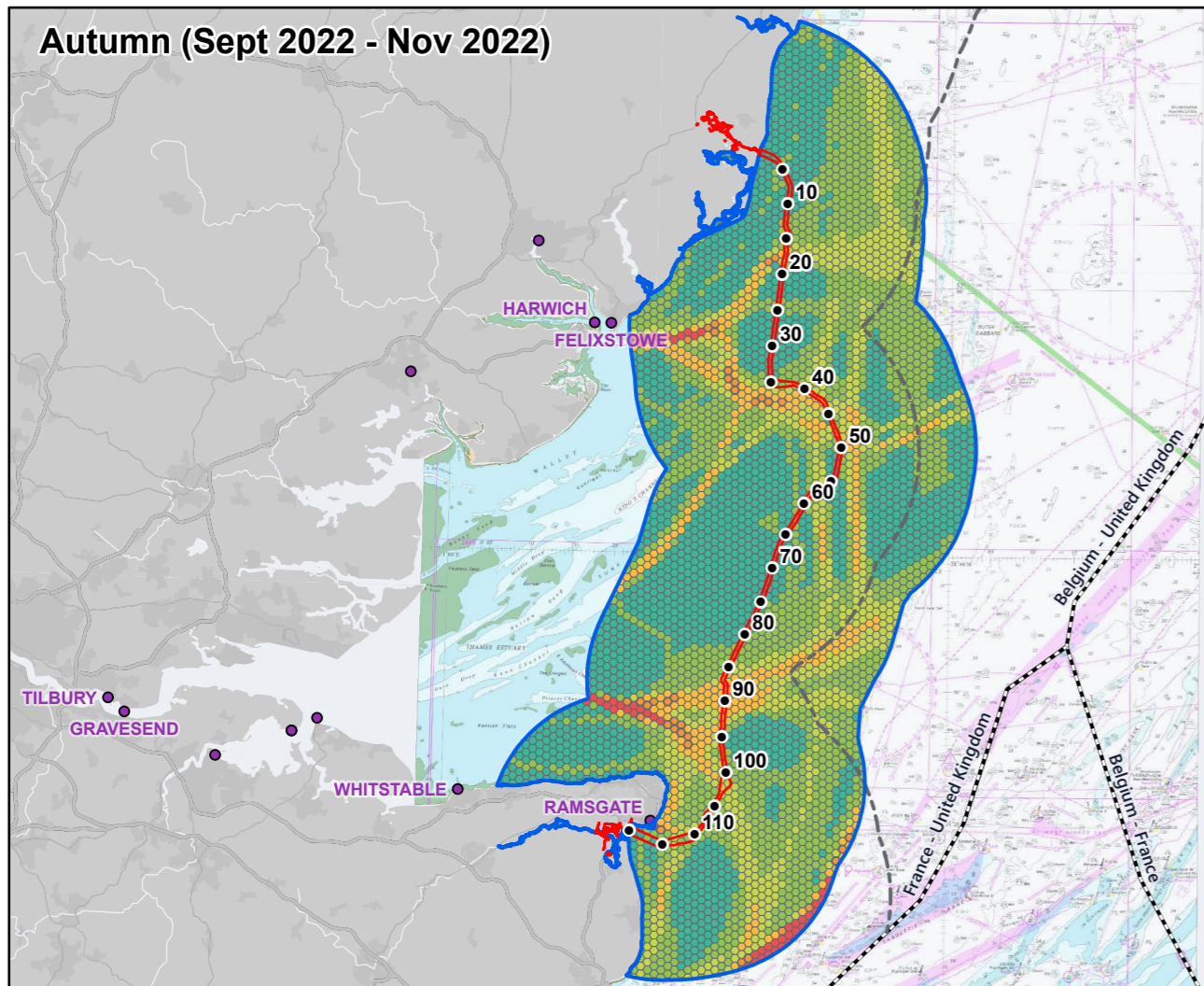
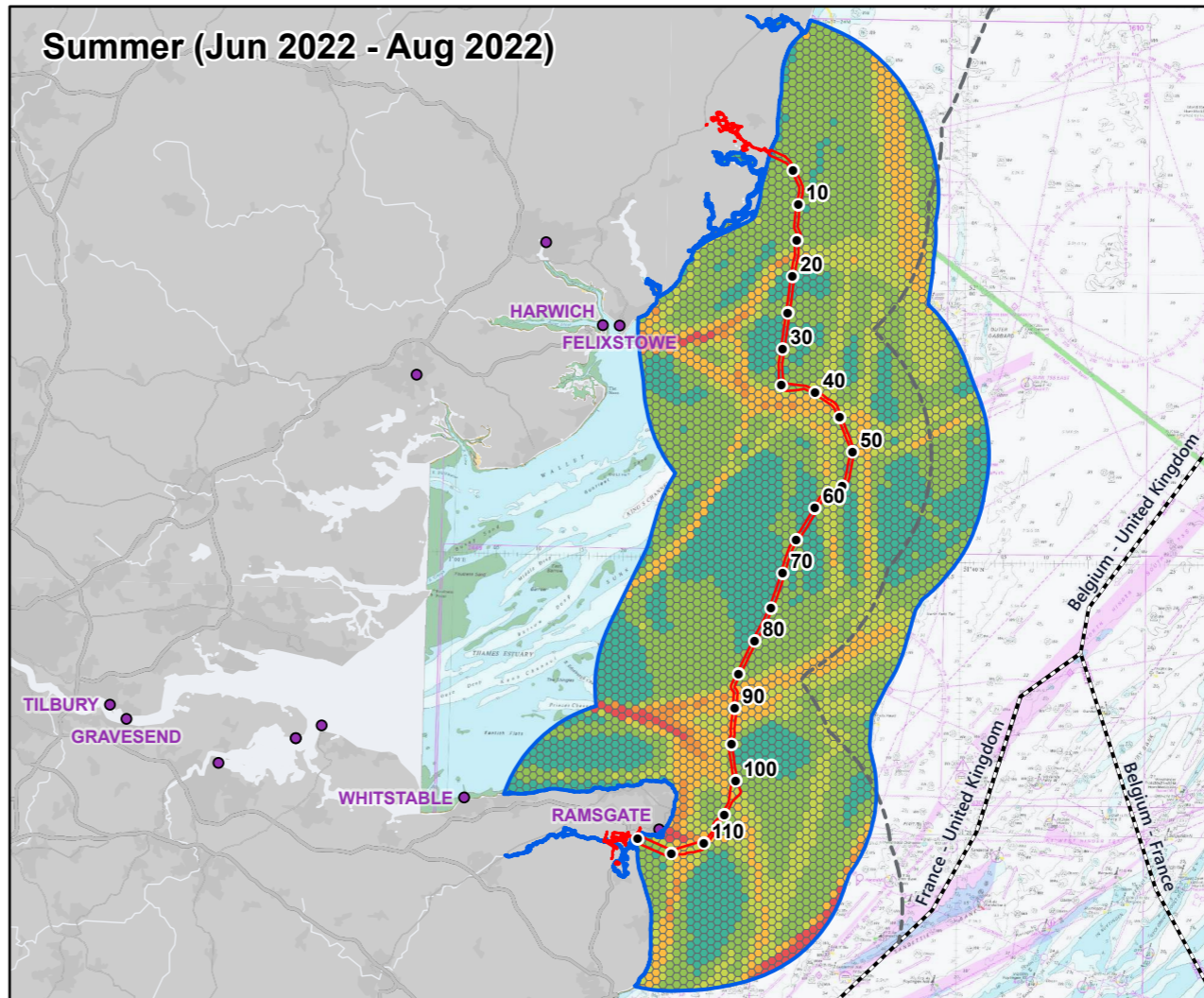
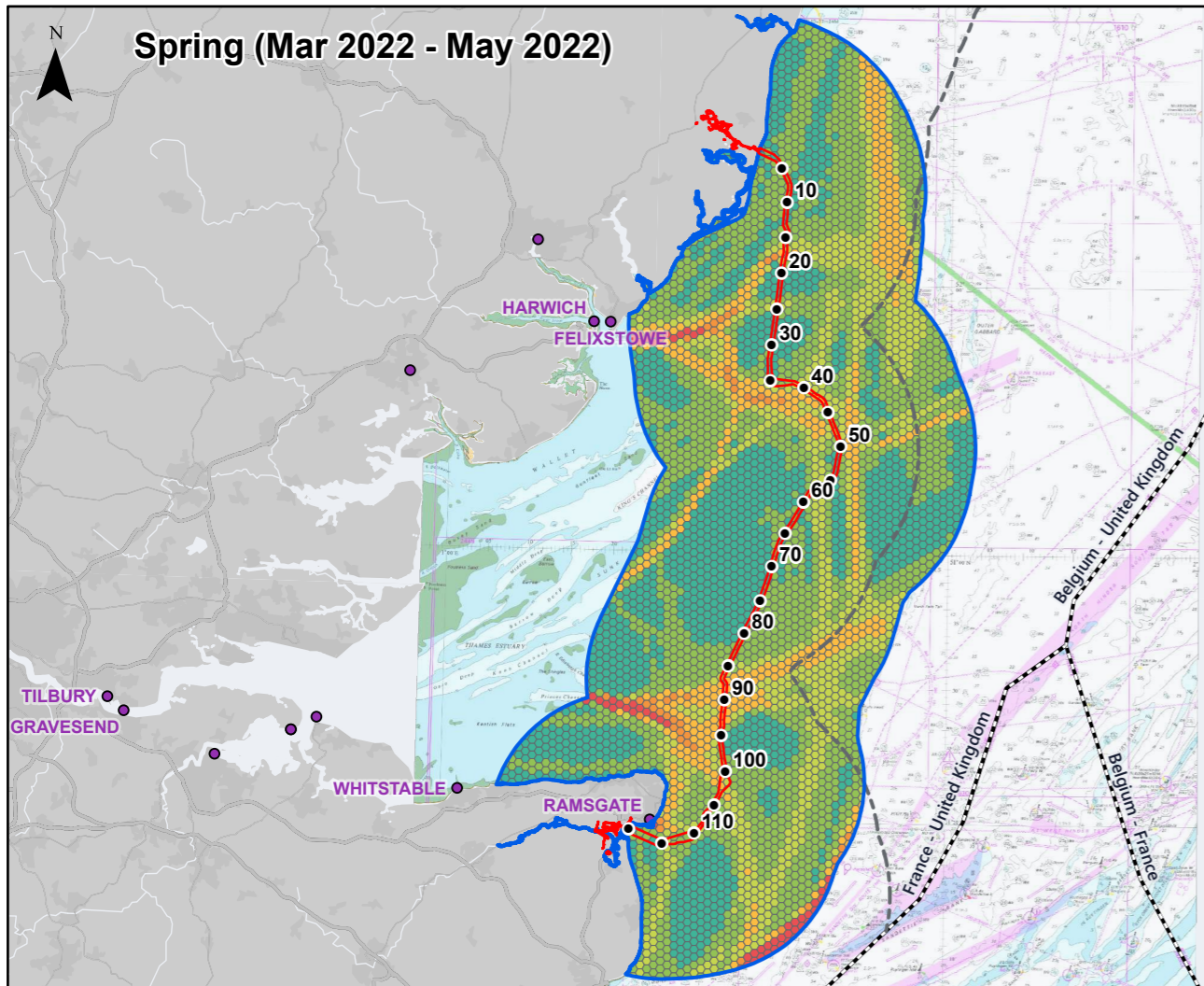
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Document Title: Search and Rescue Helicopter					
Creator: LM	Date: 10/03/2026	Checker: JL	Date: 10/03/2026	Approver: RJ	Date:
Document Ref: FIG 6.4.4.7.A.7	Scale: 1:500,000	Format: A3	Sheets: 1	Rev:	2



- Legend**
- Kilometre Point (KP)
 - ▭ 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

2	10/03/2026	NAVIGATIONAL RISK ASSESSMENT	LM	JL	RJ
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Document Title: MAIB events					
Creator: LM	Date: 10/03/2026	Checker: JL	Date: 10/03/2026	Approver: RJ	Date:
Document Ref: FIG 6.4.4.7.A.8	Scale: 1:500,000	Format: A3	Sheets: 1	Rev: 2	



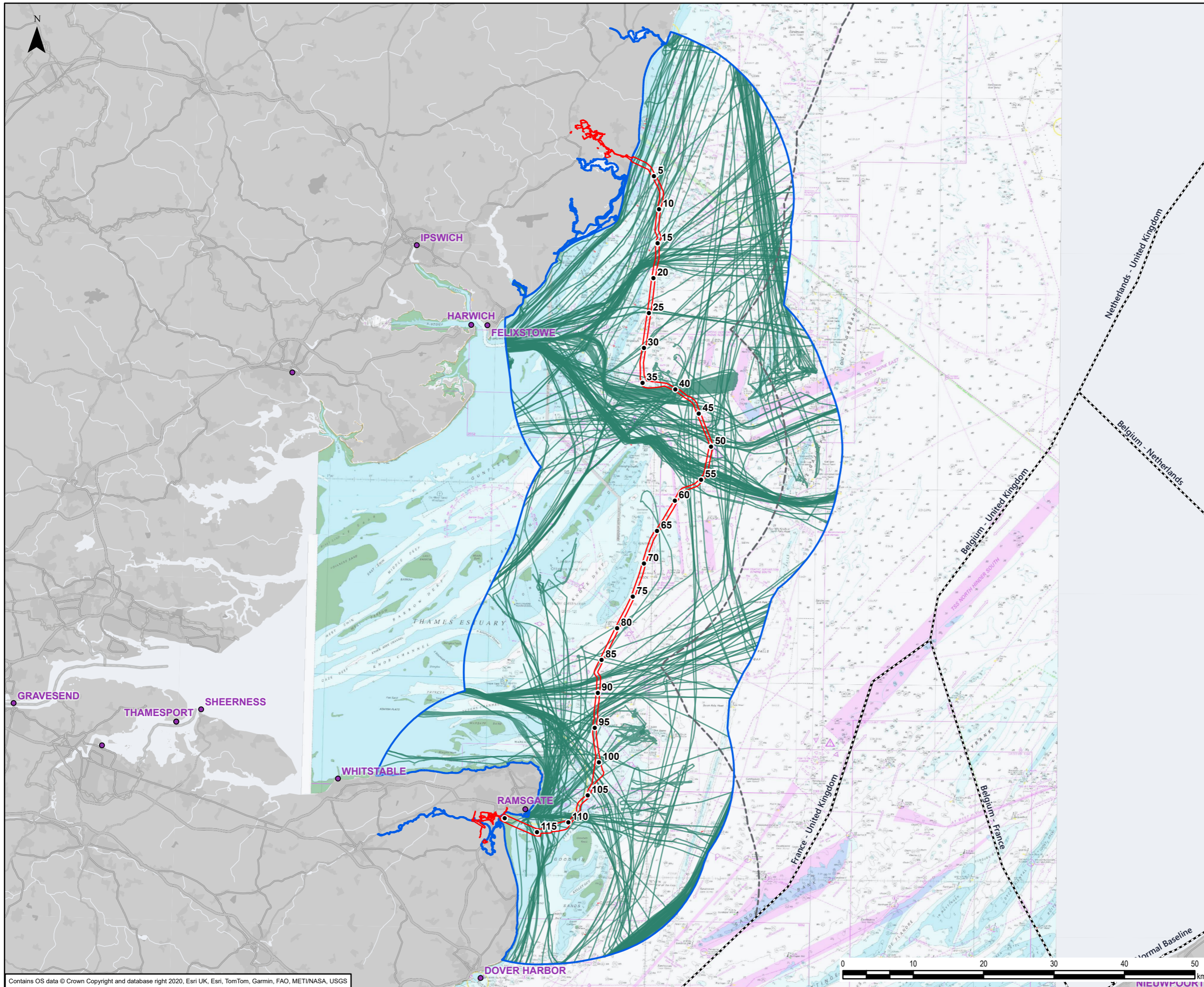
Legend

- Kilometre Point (KP)
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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

2	26/03/2026	NAVIGATIONAL RISK ASSESSMENT	LM	JL	RJ
Rev	Date	Description	GIS	Chk	App
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Scheme: SEA LINK					
Document Title: Seasonal vessel track density					
Creator: LM	Date: 26/03/2026	Checker: JL	Date: 26/03/2026	Approver: RJ	Date:
Document Ref: FIG 6.4.7.A.9	Scale: 1:975,000	Format: A3	Sheets: 1	Rev:	2



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

2	26/03/2026	NAVIGATIONAL RISK ASSESSMENT	LM	JL	RJ
Rev	Date	Description	GIS	Chk	App

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Document Title: Busiest day

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LM	26/03/2026	JL	26/03/2026	RJ	
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIG 6.4.4.7.A.10	1:500,000	A3	1	2	

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