

# **RWE Renewables UK Dogger Bank South (West) Limited**

# **RWE Renewables UK Dogger Bank South (East) Limited**

## **Dogger Bank South Offshore Wind Farms**

**Environmental Statement**

**Volume 7**

**Chapter 14 – Shipping and Navigation**

**Figure 14-1 to Figure 14-10**

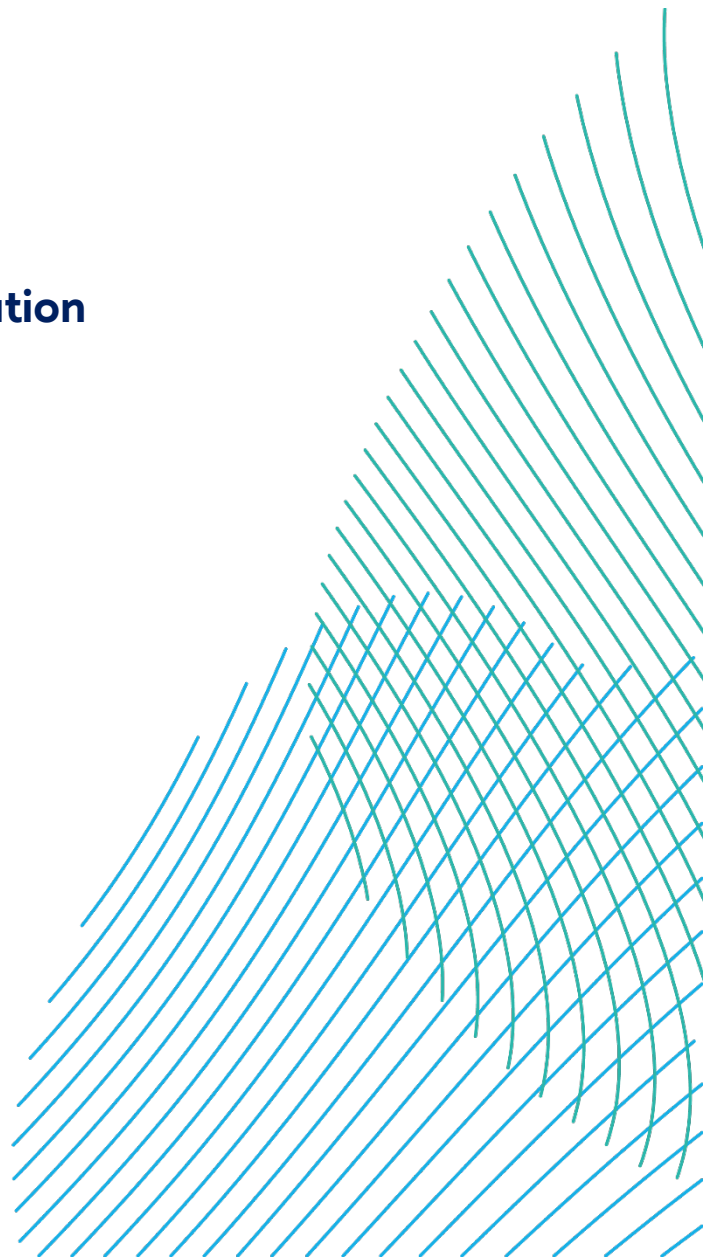
**June 2024**

**Application Reference: 7.14.1**

**APFP Regulation: 5(2)(a)**

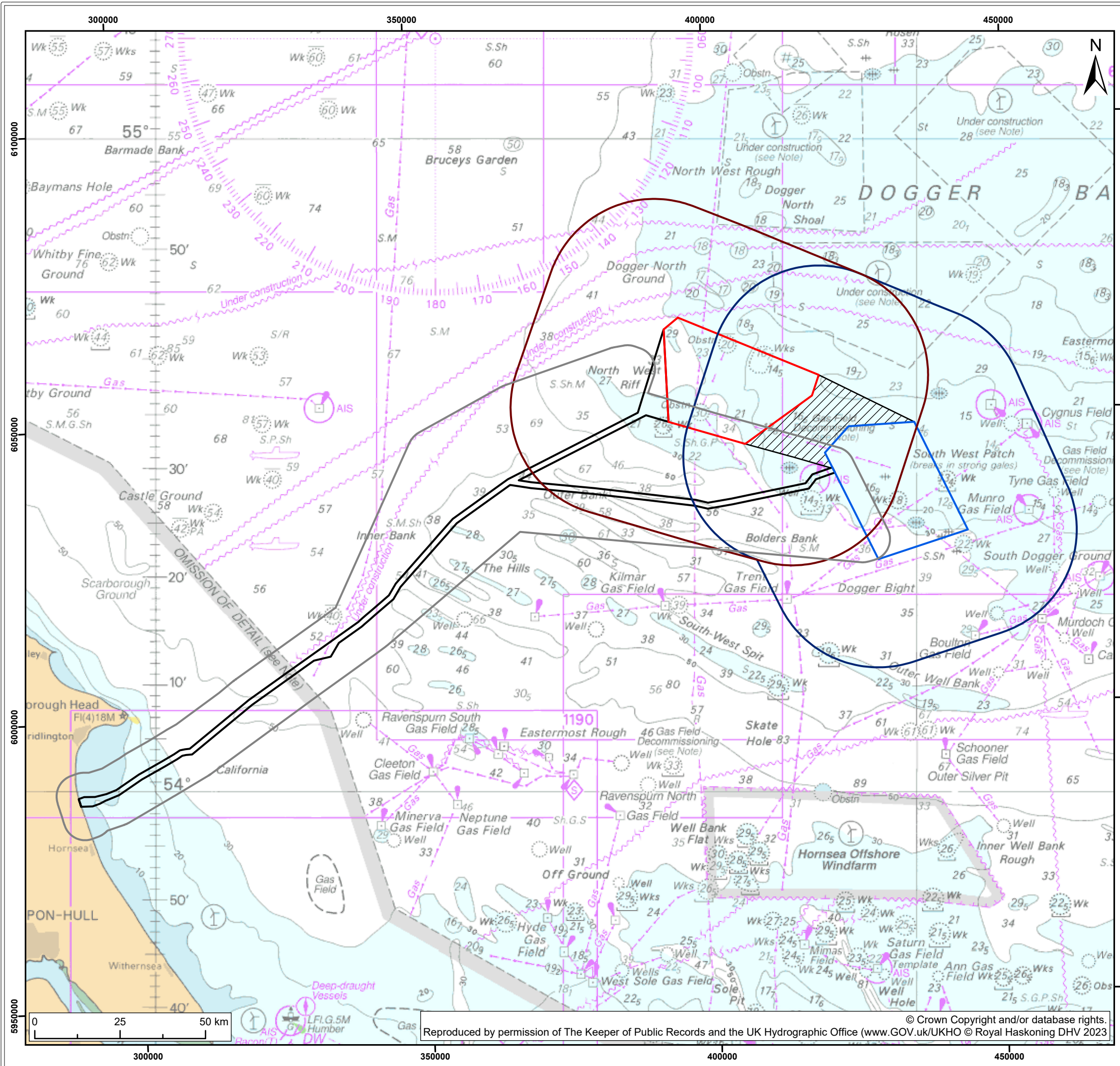
**Revision: 01**

**Unrestricted**



Company:	<b>RWE Renewables UK Dogger Bank South (West) Limited and RWE Renewables UK Dogger Bank South (East) Limited</b>	Asset:	<b>Development</b>		
Project:	<b>Dogger Bank South Offshore Wind Farms</b>	Sub Project/Package:	<b>Consents</b>		
Document Title or Description:	Environmental Statement – Chapter 14 – Figure 14-1 to Figure 14-10				
Document Number:	004300155-01	Contractor Reference Number:	PC2340-RHD-OF-ZZ-RP-Z-0097		
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<b>Rev No.</b>	<b>Date</b>	<b>Status/Reason for Issue</b>	<b>Author</b>	<b>Checked by</b>	<b>Approved by</b>
01	June 2024	Final for DCO Application	Anatec Ltd	RWE	RWE





- Legend:
- DBS East Array Area
  - DBS West Array Area
  - Offshore Export Cable Corridor
  - DBS East Shipping and Navigation Study Area
  - DBS West Shipping and Navigation Study Area
  - Offshore Export Cable Corridor Study Area
  - Interplatform Cable Area

SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
S2	P02	23/01/2024	Final	DS	JM	SW
S2	P01	10/01/2023	For Issue	DS	JM	SW

Title:  
**Overview of Study Areas**

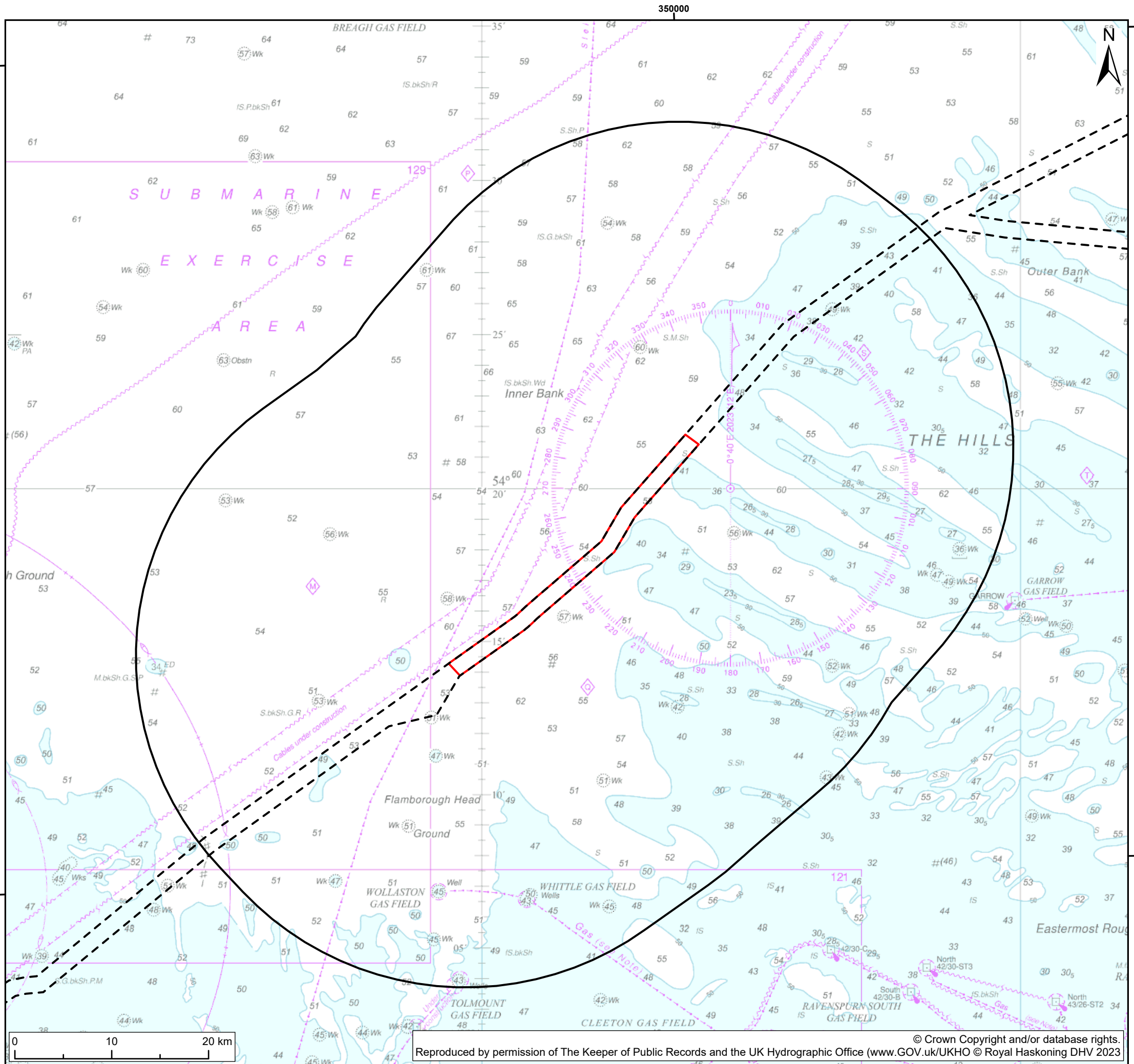
Figure: 14-1      Drawing No: PB2340-ANA-OF-ZZ-DR-Z-0011

Co-ordinate system: WGS 1984 World Mercator      Page Size: A3      Scale: 1:1,100,000

Project: **Dogger Bank South Offshore Wind Farms**      Report: **Dogger Bank South Offshore Wind Farms Environmental Statement**







- Legend:
- Export Cable Platform Search Area
  - Export Cable Platform Search Area Shipping and Navigation Study Area
  - Offshore Export Cable Corridor

SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
S2	P02	25/01/2024	Final	DS	JM	SW
S2	P01	23/11/2023	For Issue	DS	JM	SW

Title:  
**Overview of the Export Cable Platform Search Area Study Area**

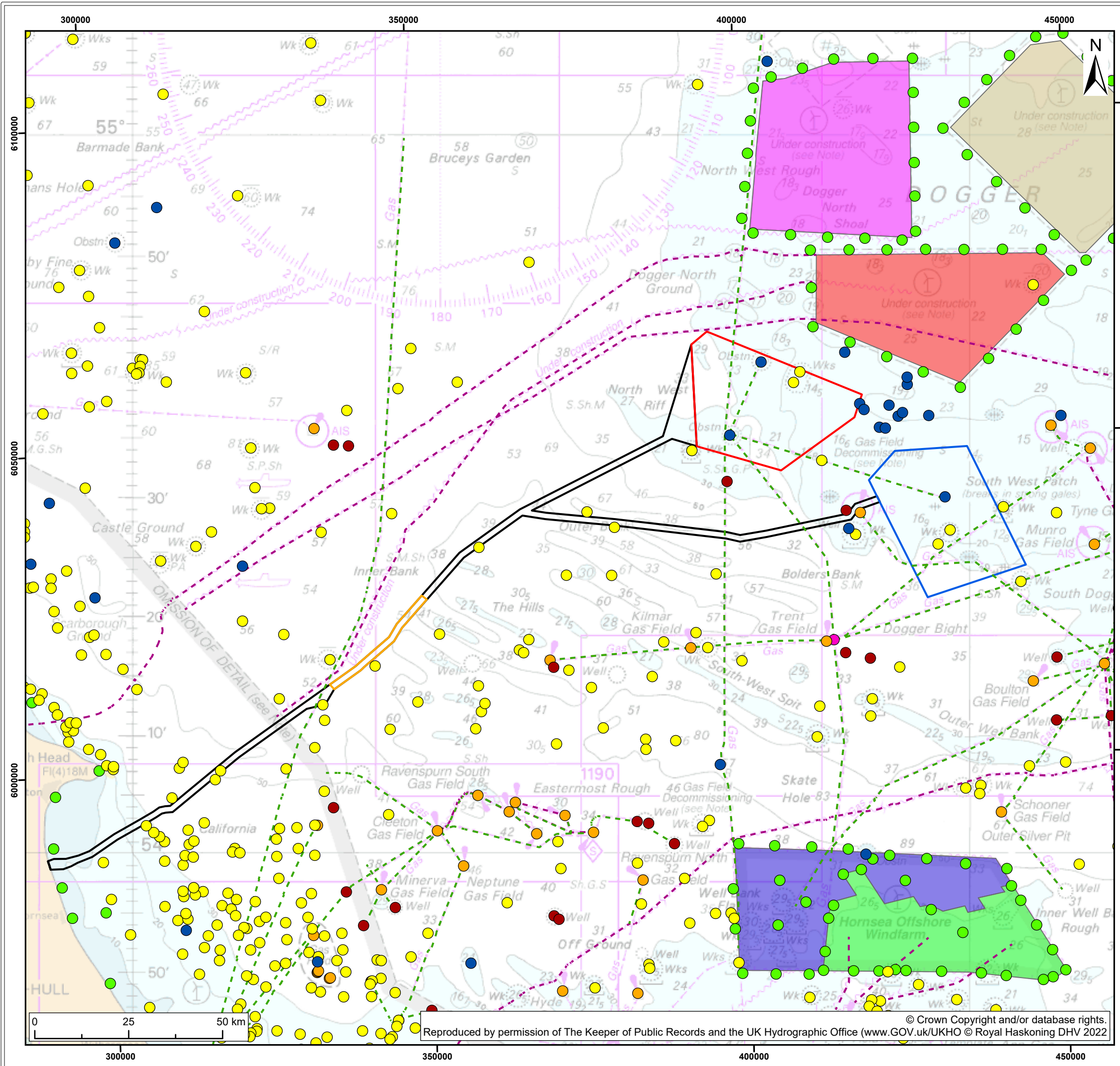
Figure: 14-2      Drawing No: PB2340-ANA-OF-ZZ-DR-Z-0018

Co-ordinate system: WGS 1984 World Mercator	Page Size: A3	Scale: 1:400,000
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Project: <b>Dogger Bank South Offshore Wind Farms</b>	Report: <b>Dogger Bank South Offshore Wind Farms Environmental Statement</b>
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- Legend:**
- DBS East Array Area
  - DBS West Array Area
  - Offshore Export Cable Corridor
  - Export Cable Platform Search Area
- Navigational Features**
- Key Aid to Navigation
  - Manifold
  - Platform
  - Well
  - Charted Wreck
  - Charted Obstruction
  - - - Subsea Cable
  - - - Subsea Pipeline
- Cumulative OWFs**
- Dogger Bank A
  - Dogger Bank B
  - Hornsea Project One (HOW01)
  - Hornsea Project Two (HOW02)
  - Sofia

SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
S2	P02	23/01/2024	Final	DS	JM	SW
S2	P01	10/01/2023	For Issue	DS	JM	SW

Title:  
**Navigational Features**

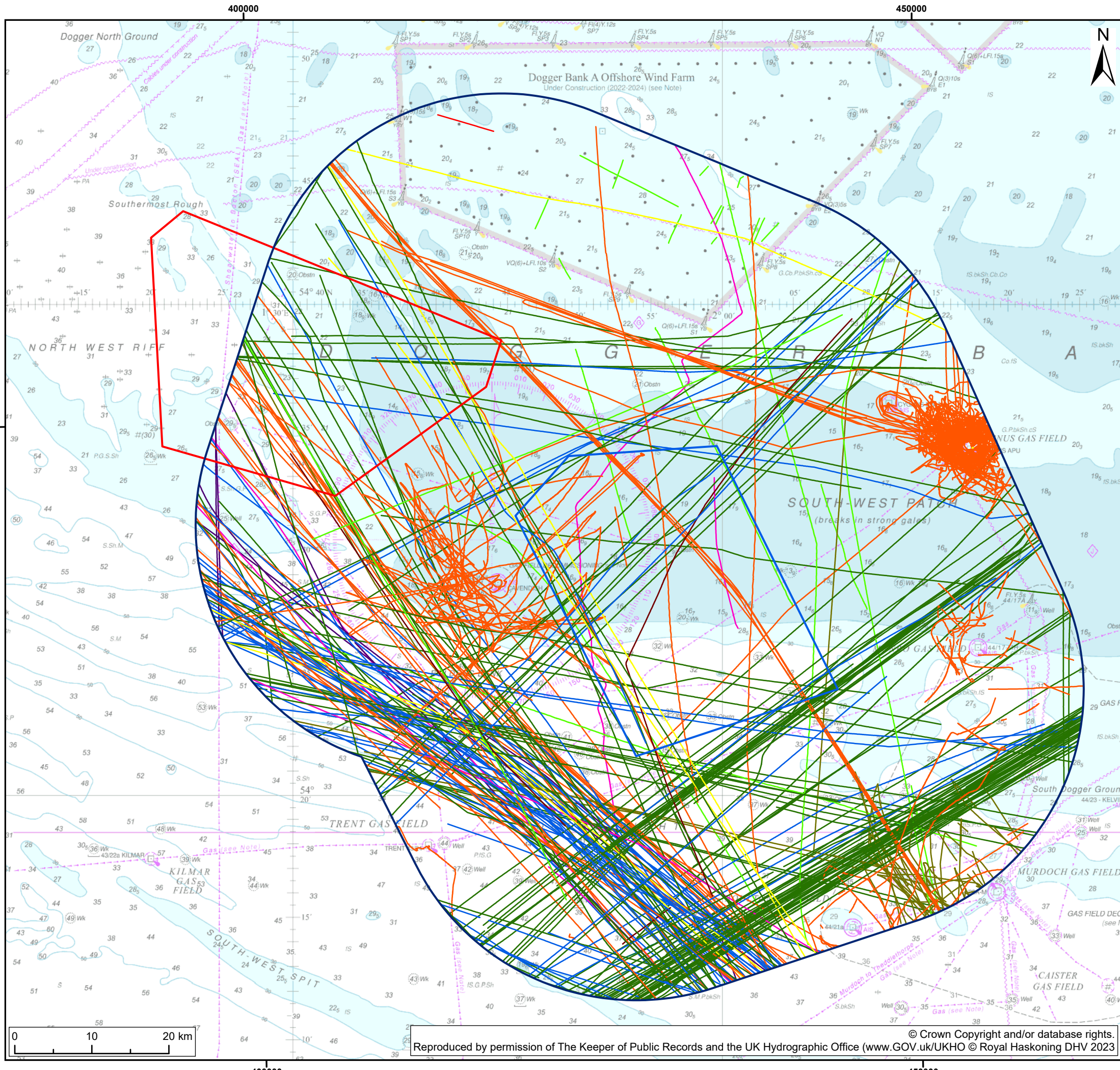
Figure: 14-3      Drawing No: PB2340-ANA-OF-ZZ-DR-Z-0012

Co-ordinate system: WGS 1984 World Mercator      Page Size: A3      Scale: 1:1,000,000

Project: **Dogger Bank South Offshore Wind Farms**      Report: **Dogger Bank South Offshore Wind Farms Environmental Statement**







**Legend:**

- DBS East Array Area
- DBS West Array Area
- DBS East Shipping and Navigation Study Area

**Vessel Type**

- Fishing
- Military
- Dredger
- Tug
- Passenger
- Cargo
- Tanker
- Other
- Recreational
- Oil and Gas
- Wind Farm

SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
S2	P02	25/01/2024	Final	DS	JM	SW
S2	P01	10/01/2023	For Issue	DS	JM	SW

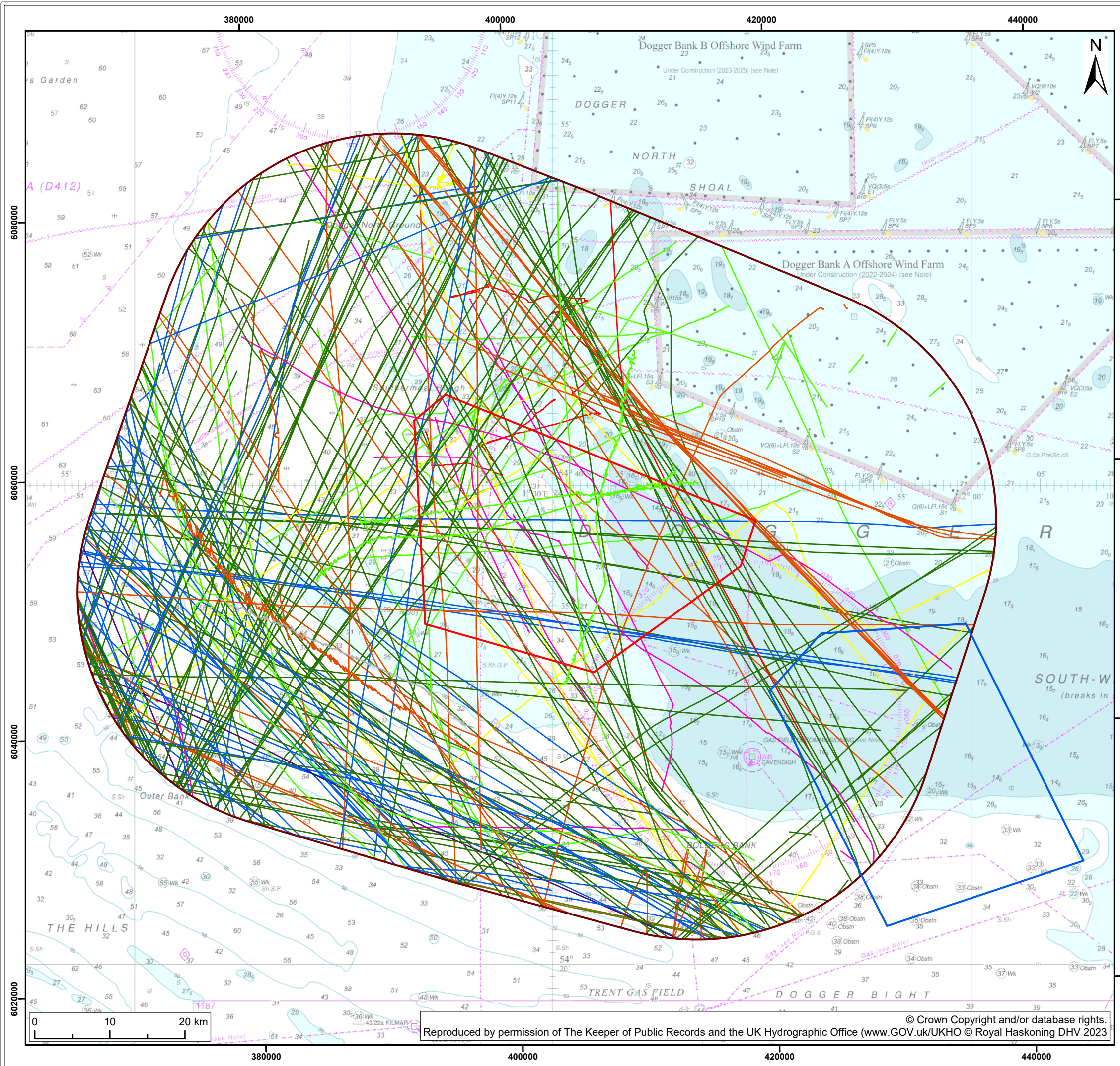
Title:  
**Vessels by Type (DBS East Shipping and Navigation Study Area, 28 Days Summer and Winter)**

Figure: 14-4	Drawing No: PB2340-ANA-OF-ZZ-DR-Z-0013	
Co-ordinate system: WGS 1984 World Mercator	Page Size: A3	Scale: 1:500,000
Project: Dogger Bank South Offshore Wind Farms	Report: Dogger Bank South Offshore Wind Farms Environmental Statement	



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**Legend:**

- DBS East Array Area
- DBS West Array Area
- DBS West Shipping and Navigation Study Area

**Vessel Type**

- Unspecified
- Fishing
- Dredger
- Tug
- Passenger
- Cargo
- Tanker
- Other
- Recreational
- Oil and Gas
- Wind Farm

SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
S2	P02	25/01/2024	Final	DS	JM	SW
S2	P01	10/01/2023	For Issue	DS	JM	SW

Title:  
**Vessels by Type (DBS West Shipping and Navigation Study Area, 28 Days Summer and Winter)**

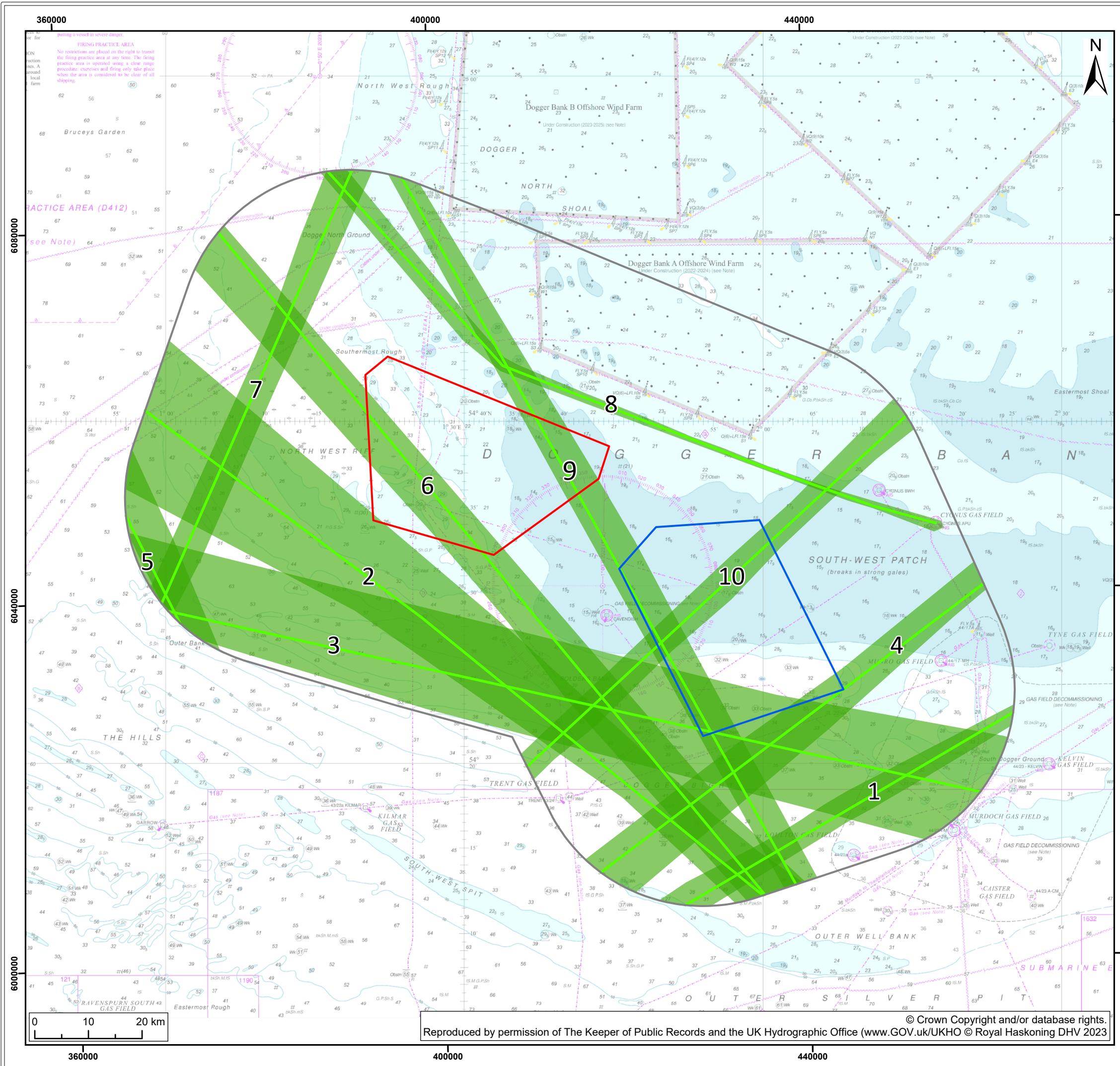
Figure: 14-5      Drawing No: PB2340-ANA-OF-ZZ-DR-Z-0014

Co-ordinate system: WGS 1984 World Mercator	Page Size: A3	Scale: 1:500,000
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Legend:

- DBS East Array Area
- DBS West Array Area
- Shipping and Navigation Study Area

Vessel Route

- Mean Position
- 90th Percentile

SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
S2	P02	25/01/2024	Final	DS	JM	SW
S2	P01	10/01/2023	For Issue	DS	JM	SW

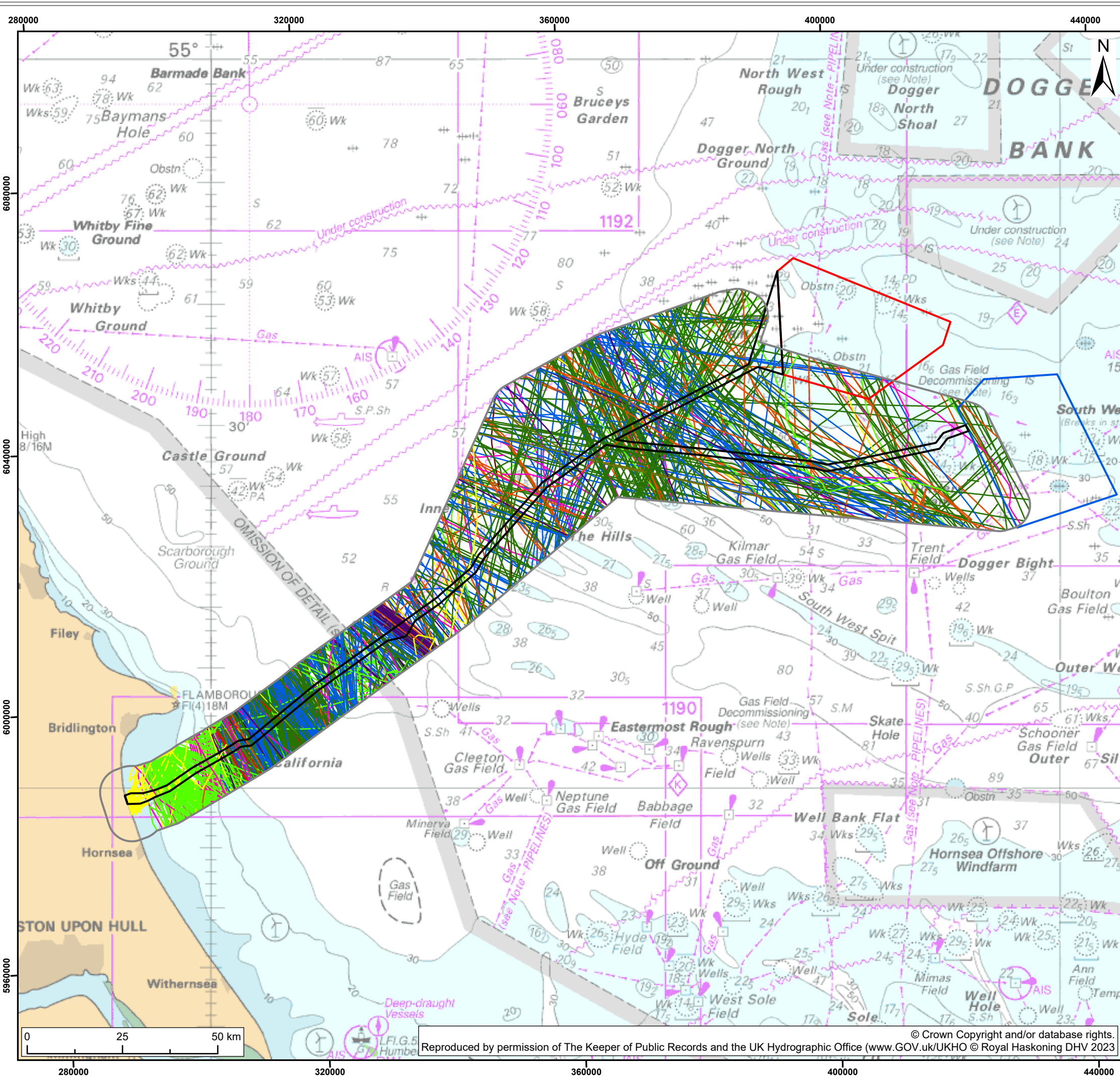
Title:  
**Main Commercial Routes**

Figure: 14-6	Drawing No: PB2340-ANA-OF-ZZ-DR-Z-0015	
Co-ordinate system: WGS 1984 World Mercator	Page Size: A3	Scale: 1:700,000
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**Legend:**

- DBS East Array Area
- DBS West Array Area
- Offshore Export Cable Corridor
- Offshore Export Cable Corridor Shipping and Navigation Study Area

**Vessel Type**

- Fishing
- Military
- Dredger
- Tug
- Passenger
- Cargo
- Tanker
- Other
- Recreational
- Oil and Gas
- Wind Farm

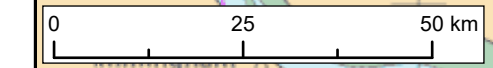
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
S2	P02	25/01/2024	Final	DS	JM	SW
S2	P01	10/01/2023	For Issue	DS	JM	SW

Title:  
**Vessels by Type (Offshore Export Cable Corridor Study Area, 28 Days, Summer & Winter)**

Figure: 14-7      Drawing No: PB2340-ANA-OF-ZZ-DR-Z-0016

Co-ordinate system: WGS 1984 World Mercator      Page Size: A3      Scale: 1:1,000,000

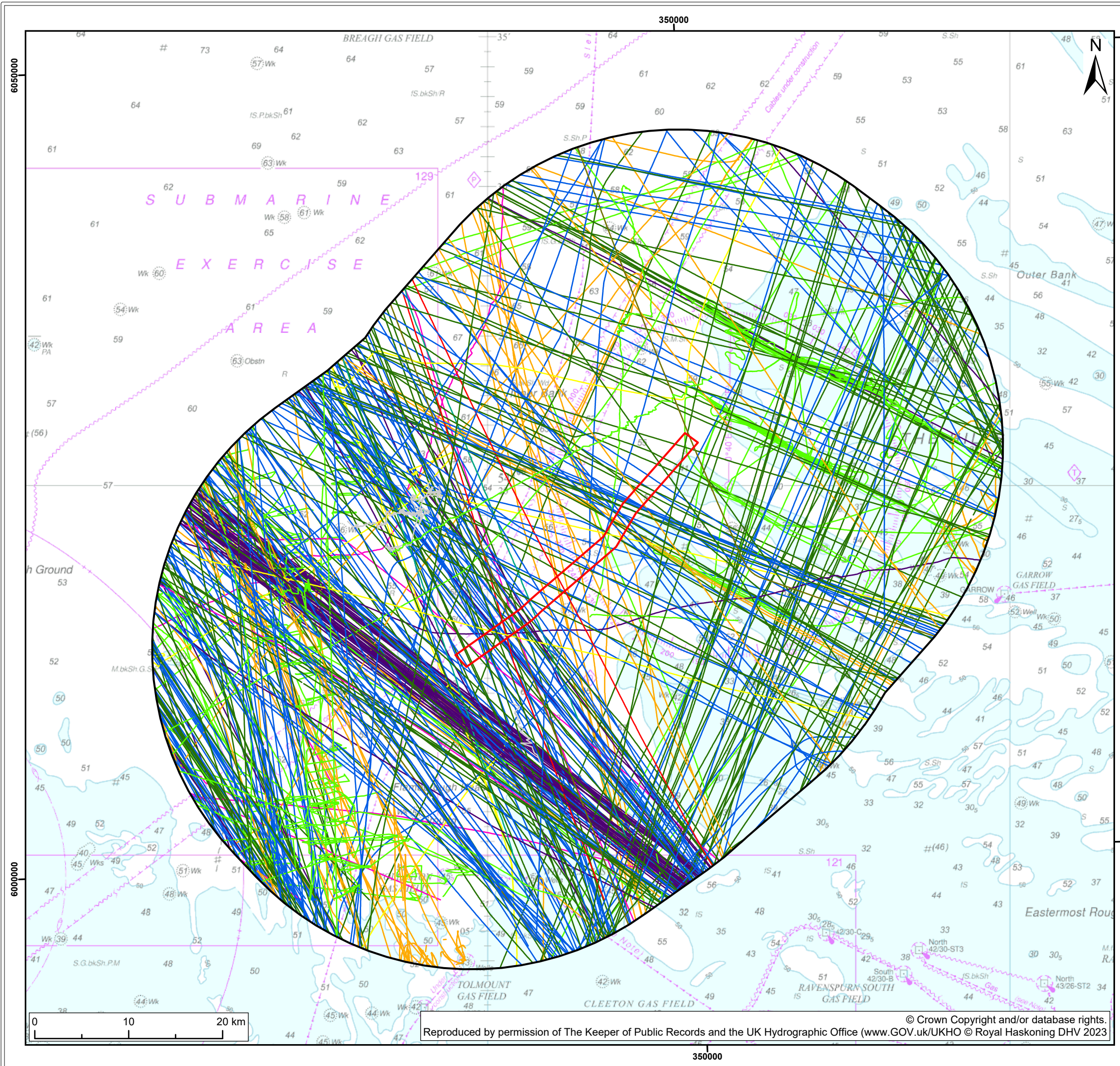
Project: **Dogger Bank South Offshore Wind Farms**      Report: **Dogger Bank South Offshore Wind Farms Environmental Statement**



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Legend:

- Export Cable Platform Search Area
- Export Cable Platform Search Area Shipping and Navigation Study Area

Vessel Type

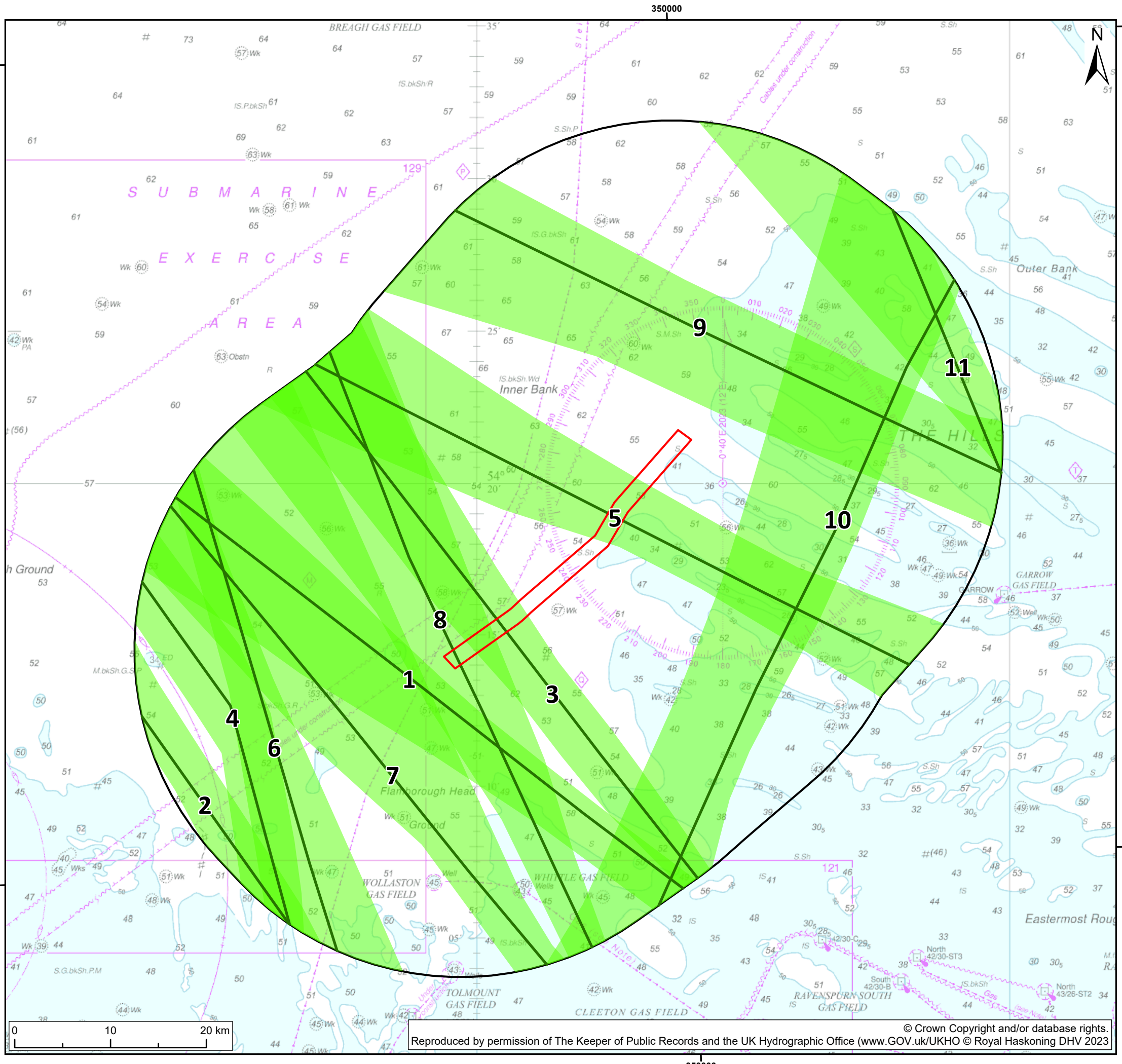
- Unspecified
- Fishing
- Dredger
- Tug
- Passenger
- Cargo
- Tanker
- Other
- Recreational
- Oil and Gas
- Wind Farm

S2	P02	25/01/2024	Final	DS	JM	SW
S2	P01	23/11/2023	For Issue	DS	JM	SW
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

Title:  
**Vessels by Type (Export Cable Platform Search Area Study Area, 28 Days Winter and Summer)**

Figure: 14-8	Drawing No: PB2340-ANA-OF-ZZ-DR-Z-0019	
Co-ordinate system: WGS 1984 World Mercator	Page Size: A3	Scale: 1:400,000
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- Legend:**
- Export Cable Platform Search Area
  - Export Cable Platform Search Area Shipping and Navigation Study Area
- Vessel Route**
- 90th Percentile
  - Mean Position

SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
S2	P02	25/01/2024	Final		DS	JM SW
S2	P01	23/11/2023	For Issue		DS	JM SW

Title:  
**Base Case Main Commercial Routes  
 (Export Cable Platform Search Area)**

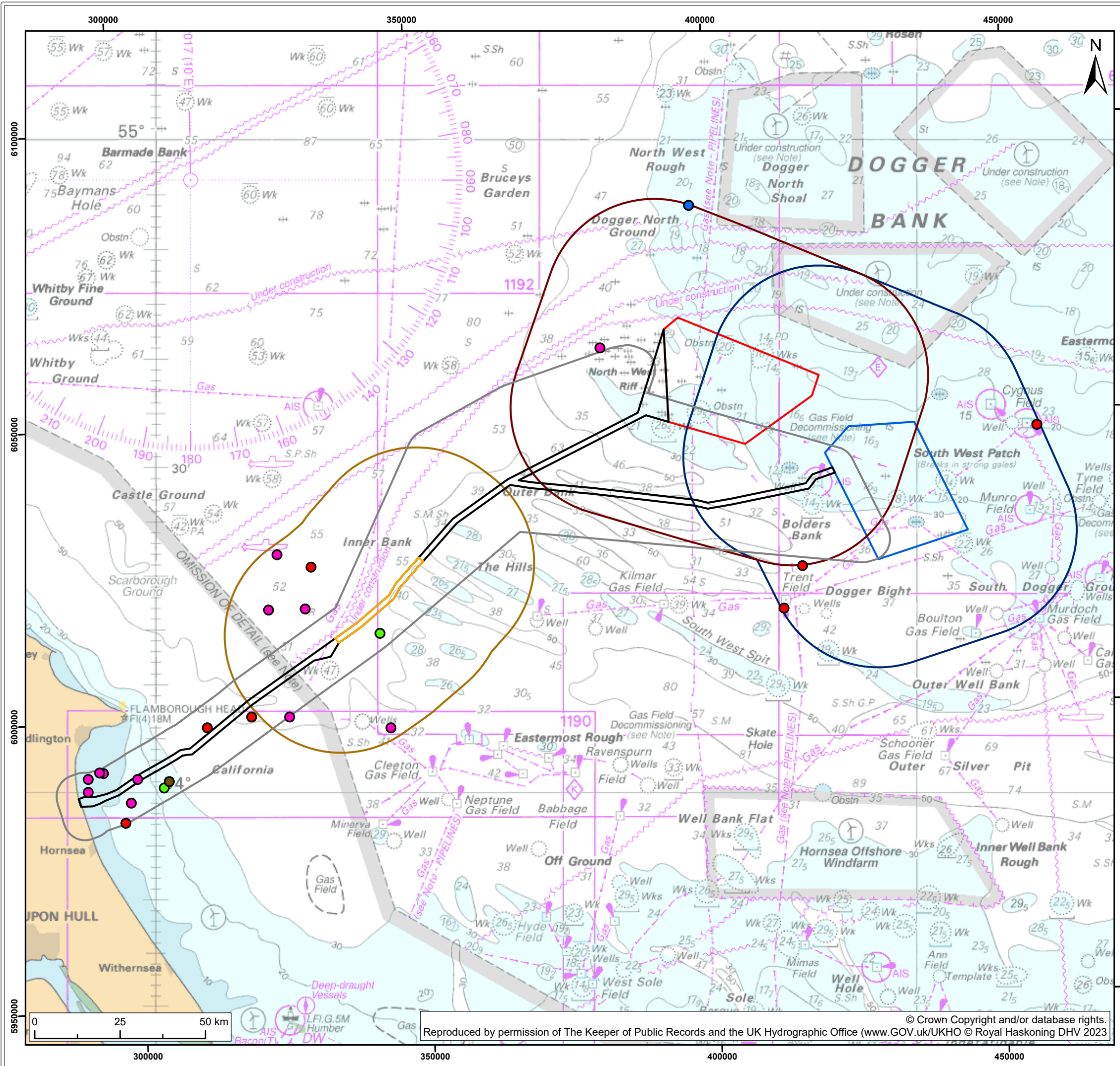
Figure: 14-9      Drawing No: PB2340-ANA-OF-ZZ-DR-Z-0020

Co-ordinate system: WGS 1984 World Mercator      Page Size: A3      Scale: 1:400,000

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- Legend:**
- DBS East Array Area
  - DBS West Array Area
  - DBS East Shipping and Navigation Study Area
  - DBS West Shipping and Navigation Study Area
  - Offshore Export Cable Corridor
  - Offshore Export Cable Corridor Shipping and Navigation Study Area
  - Export Cable Platform Search Area Shipping and Navigation Study Area
  - Export Cable Platform Search Area

- Incident Type**
- Accident to Person
  - Damage / loss of equipment
  - Grounding/stranding
  - Machinery Failure
  - Pollution

SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
S2	P02	25/01/2024	Final	DS	JM	SW
S2	P01	10/01/2023	For Issue	DS	JM	SW

Title:  
**MAIB Incidents by Incident Type (2012-2021)**

Figure:14-10 Drawing No: PB2340-ANA-OF-ZZ-DR-Z-0017

Co-ordinate system: WGS 1984 World Mercator Page Size: A3 Scale: 1:1,100,000

Project: Dogger Bank South Offshore Wind Farms Report: Dogger Bank South Offshore Wind Farms Environmental Statement

