

Legend

- Marine Scheme Boundary
- Shipping and Navigation Study Area
- Scotland Adjacent Waters Limit

HYDROGRAPHIC OFFICE
UK

CHART SERIES
NORTH SEA
CENTRAL SHEET

DEPTHS IN METRES
SCALE: 1:750 000 at lat 58°30'

Depths are in metres and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide.

Vertical scale is in metres.

Navigation marks: IALA Maritime Buoyage System (Red to port).

Projection: Mercator.

Note: Reference should be made to larger scale charts for the information.

OBSTRUCTIONS
 Obstructions and associated structures, including tanker moorings, platforms on pipelines, (U) lights, aircraft audible fog signals. Obstruction is prohibited all such structures.

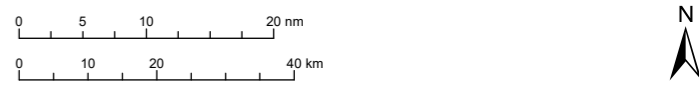
OBSTRUCTIONS
 Mariners should not anchor, trawl or engage in seabed operations in the vicinity of submarine cables and pipelines. Submarine cables support national infrastructure; damage to them may affect critical services and can result in serious consequences, as well as creating a potential hazard to mariners. Willful or neglectful damage to a cable may result in legal action. Pipelines are not always buried and their presence may be indicated by a symbol ++ is used for

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Rev	Date	Status	Drwn	Chkd	Appd

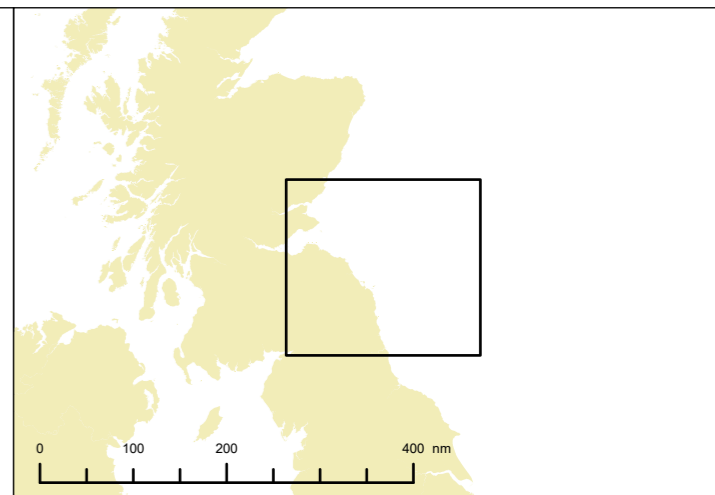
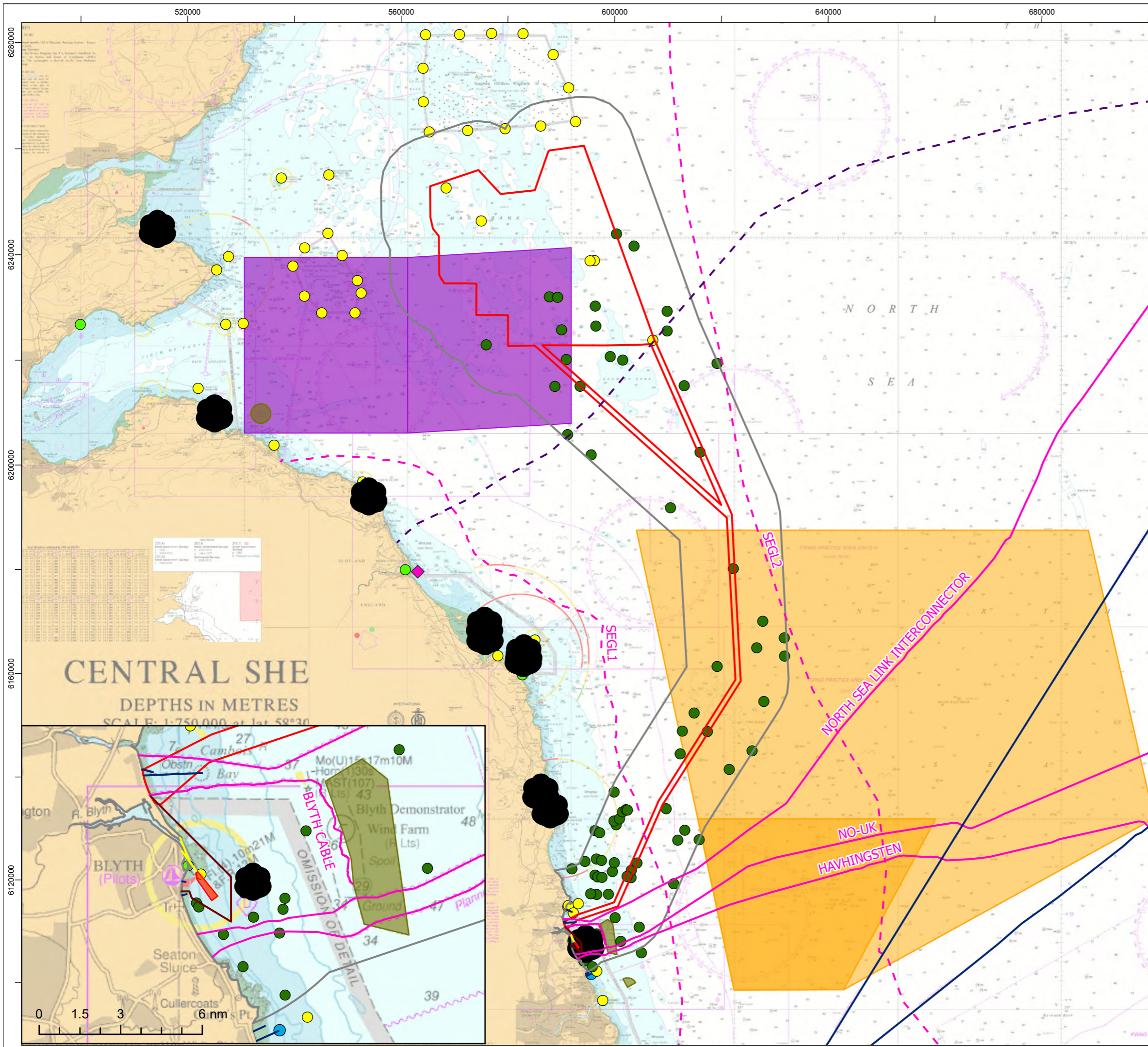


Project
CAMBOIS CONECTION

Title
Figure 13.1
Shipping and Navigation Study Area



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1:1,100,000	A3	WGS84	World Mercator
Drawing Number	A100796_S01_13.1		Sheet No.
			001 OF 001



Legend

Marine Scheme Boundary	Dredged Channel
Shipping and Navigation Study Area	Firing Practice Area
Aid to Navigation	Military Practice Area
Charted Wreck	Scotland Adjacent Waters Limit
Diffuser	Leading Line
Port/Harbour	Blyth Harbour Commission Seaward Limit
Pilot Boarding Area	Pipeline
Reported Anchorage	Subsea Cable
Spoil Ground	Planned
	Operational

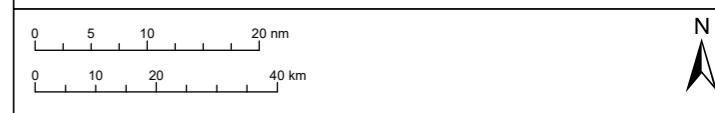
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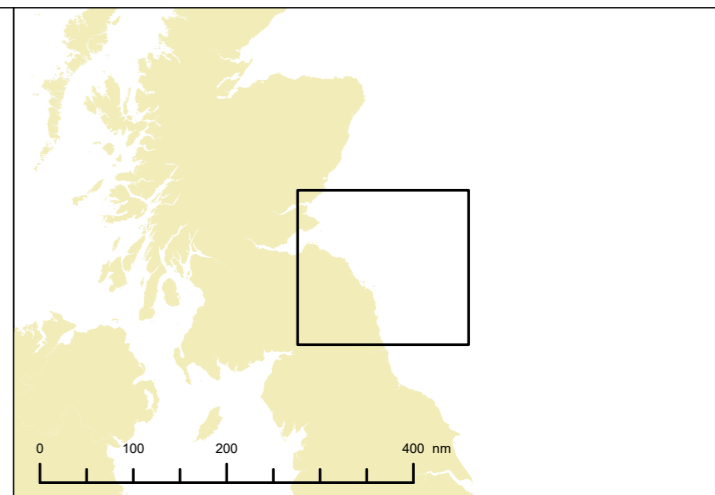
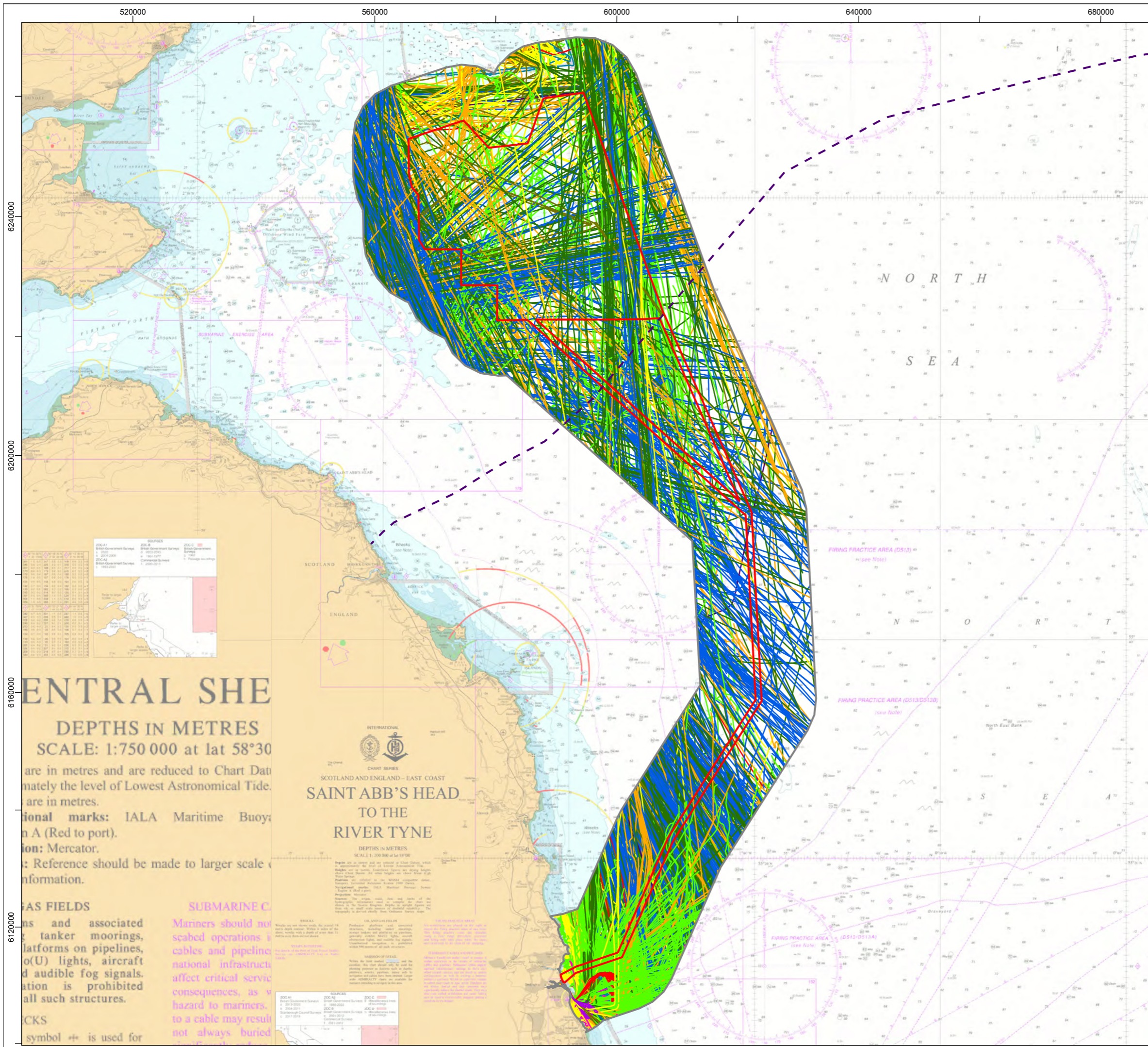
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Title
**Figure 13.2
Navigational Features**



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Scale	Plot Size	Datum	Projection
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Drawing Number	A100796_S01_13.2		Sheet No. 001 OF 001



Legend

- Marine Scheme Boundary
- Shipping and Navigation Study Area
- Scotland Adjacent Waters Limit

Vessel Type

- Fishing
- Military
- Dredger/Underwater Ops
- Tug
- Passenger
- Cargo
- Tanker
- Other
- Recreational
- Oil and Gas
- Wind Farm
- Pilot Vessel

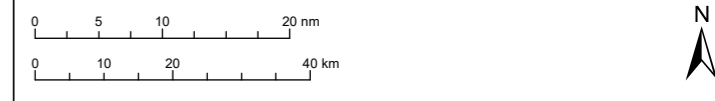
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Rev	Date	Status	Drwn	Chkd	Appd



Project **CAMBOIS CONECTION**

Title **Figure 13.3
AIS Data by Vessel Type (Winter)**



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Scale	Plot Size	Datum	Projection
1:1,100,000	A3	WGS84	World Mercator
Drawing Number	A100796_S01_13.3		Sheet No.
			001 OF 001

CENTRAL SHEET
DEPTHS IN METRES
 SCALE: 1:750 000 at lat 58°30'

Depths are in metres and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide. Soundings in fathoms are in metres.

Navigation marks: IALA Maritime Buoyage System (Red to port).

Projection: Mercator.

Reference: should be made to larger scale charts for more information.

WIND FIELDS
 Wind farms and associated structures, including moorings, platforms on pipelines, and (U) lights, aircraft fog signals, and audible fog signals. Installation is prohibited in all such structures.

SUBMARINE CABLES
 Manned and unmanned submersibles, cables and pipelines, and national infrastructure. Installation is prohibited in all such structures. Consequences, as a result of a cable may result in a hazard to mariners. Installation is not always buried.

CHART SYMBOLS
 The symbol ++ is used for ...

SCOTLAND AND ENGLAND - EAST COAST
SAINT ABB'S HEAD TO THE RIVER TYNE
 DEPTHS IN METRES
 SCALE 1:100 000 at lat 56°30'

Begin at 0 in metres and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide. Soundings in fathoms are in metres.

Navigation marks: IALA Maritime Buoyage System (Red to port).

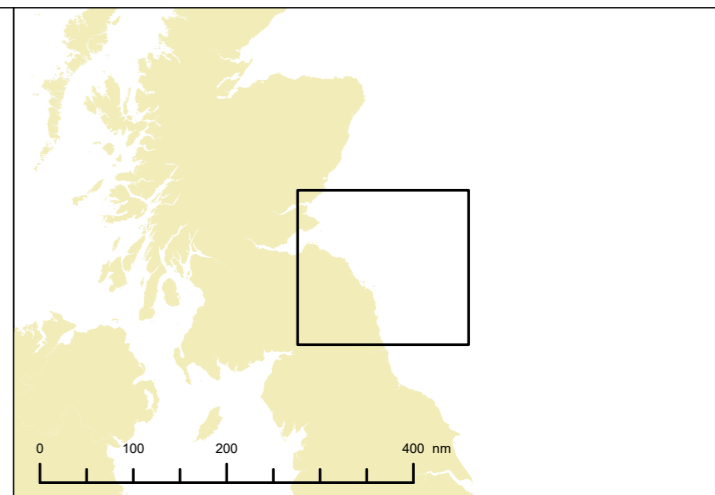
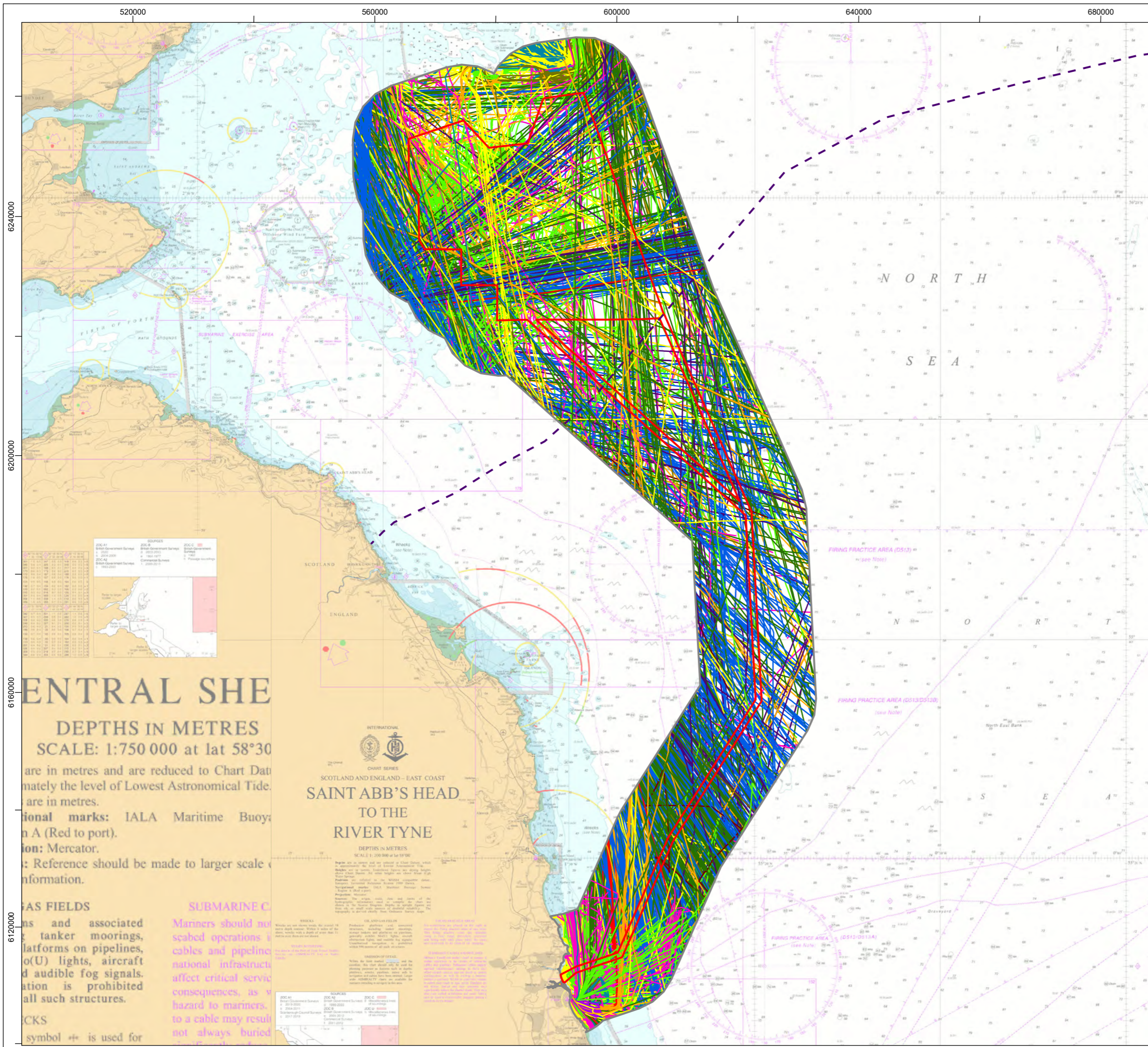
Projection: Mercator.

Reference: should be made to larger scale charts for more information.

WIND FIELDS
 Wind farms and associated structures, including moorings, platforms on pipelines, and (U) lights, aircraft fog signals, and audible fog signals. Installation is prohibited in all such structures.

SUBMARINE CABLES
 Manned and unmanned submersibles, cables and pipelines, and national infrastructure. Installation is prohibited in all such structures. Consequences, as a result of a cable may result in a hazard to mariners. Installation is not always buried.

CHART SYMBOLS
 The symbol ++ is used for ...



Legend

- Marine Scheme Boundary
- Shipping and Navigation Study Area
- Scotland Adjacent Waters Limit

Vessel Type

- Fishing
- Military
- Dredger/Underwater Ops
- Tug
- Passenger
- Cargo
- Tanker
- Other
- Recreational
- Oil and Gas
- Wind Farm
- Pilot Vessel

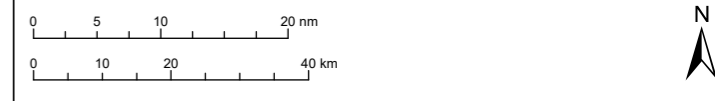
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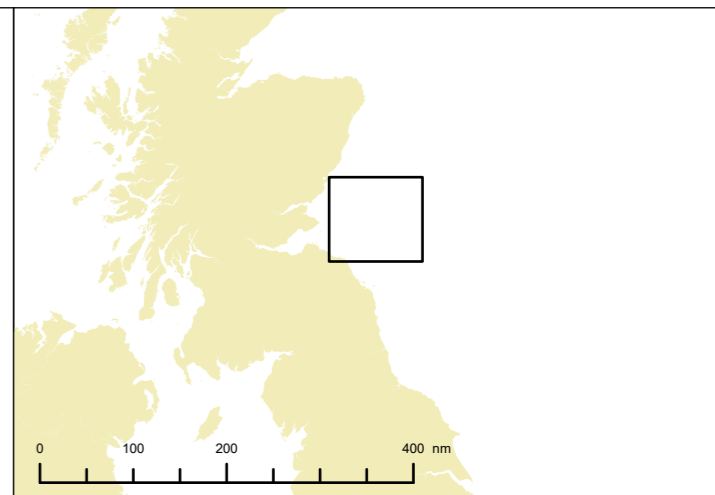
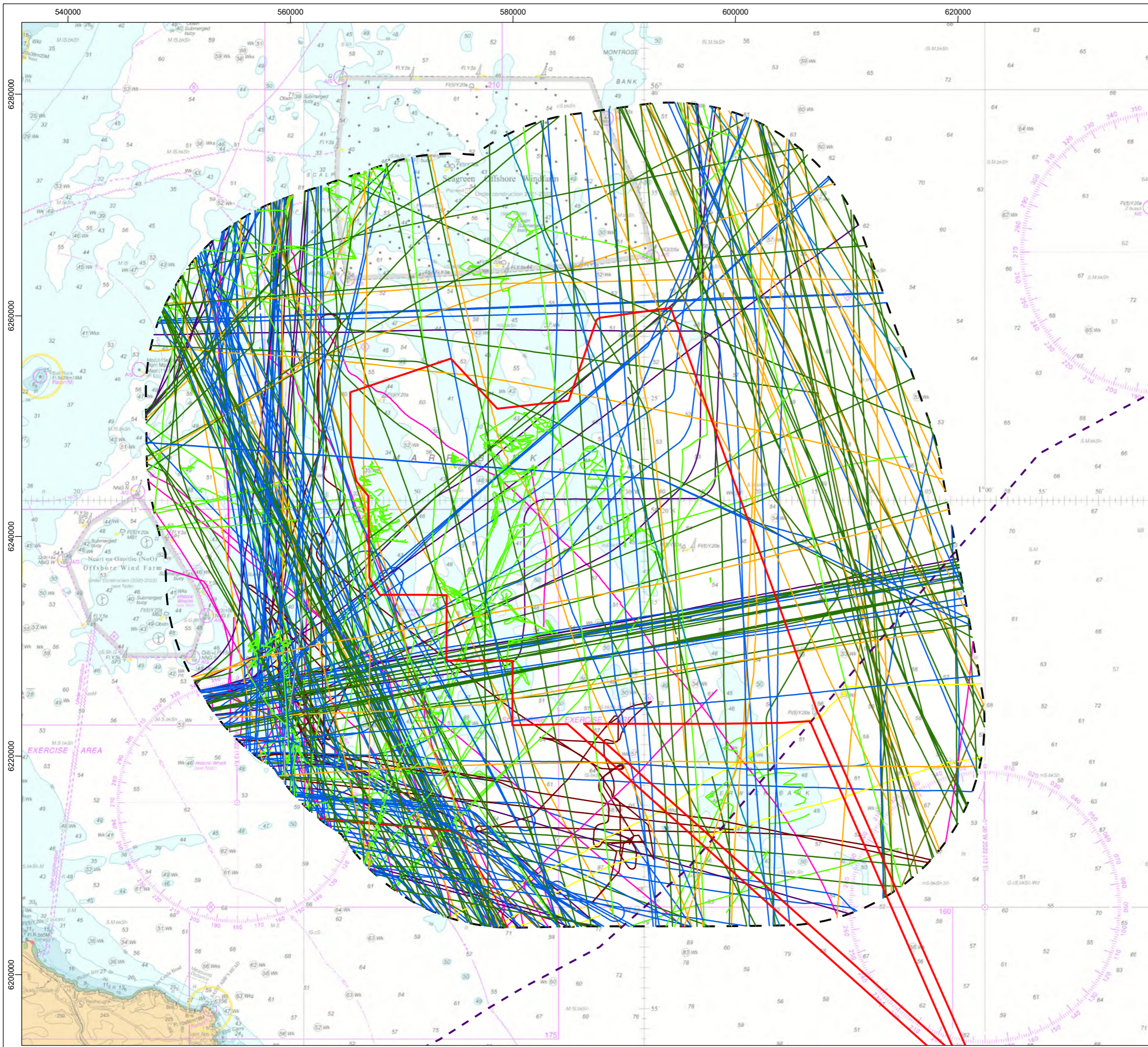
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Title
**Figure 13.4
AIS Data by Vessel Type (Summer)**



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Scale	Plot Size	Datum	Projection
1:1,100,000	A3	WGS84	World Mercator
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			001 OF 001



Legend

- Marine Scheme Boundary
- Berwick Bank NRA Study Area
- Scotland Adjacent Waters Limit

Vessel Type

- Unspecified
- Fishing
- Military
- Dredger/Underwater Ops
- Tug
- Passenger
- Cargo
- Tanker
- Other
- Recreational
- Oil and Gas
- Wind Farm

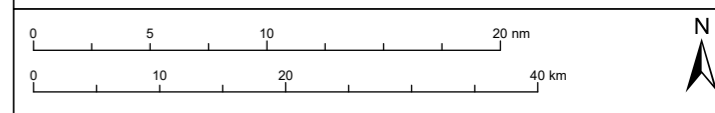
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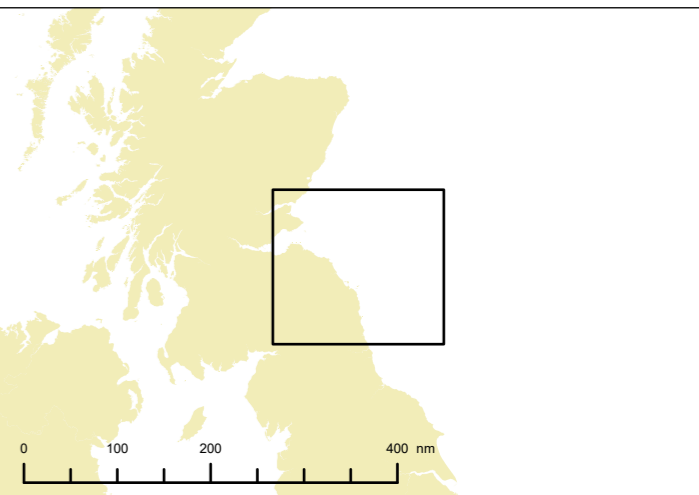
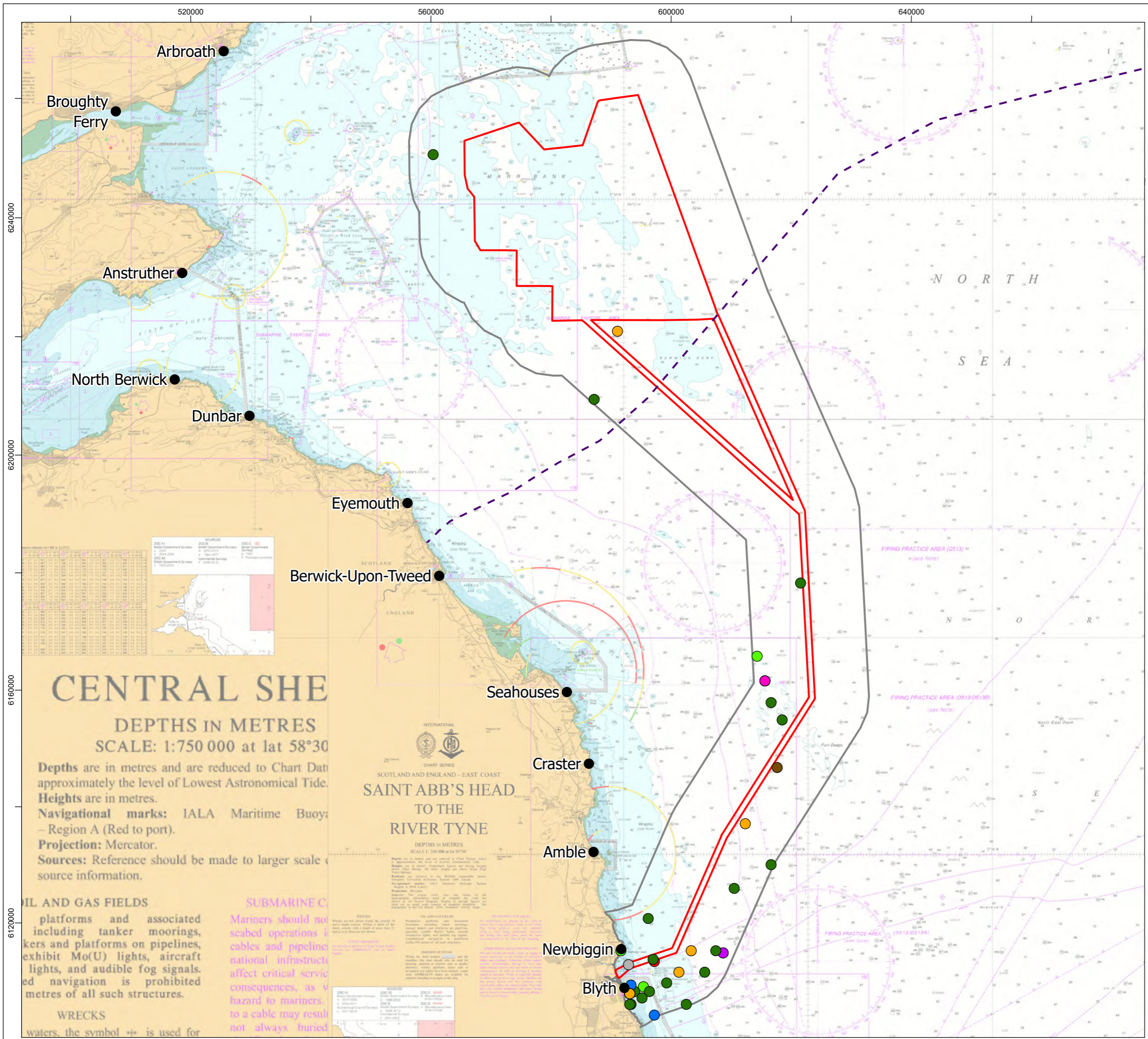
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**Figure 13.5
NRA Survey Data by Vessel Type (28 Days)**



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Scale	Plot Size	Datum	Projection
1:600,000	A3	WGS84	World Mercator
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Legend

- Marine Scheme Boundary
- Shipping and Navigation Study Area
- Scotland Adjacent Waters Limit
- RNLi Station

MAIB Incident Type

- Accident to Person
- Capsizing/Listing
- Collision
- Fire/Explosion
- Flooding/Foundering
- Hazardous Incident
- Loss of control
- Machinery Failure
- Pollution
- Other

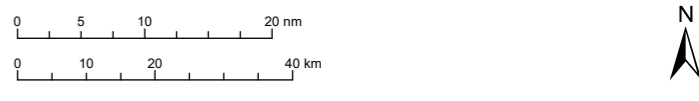
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Title
**Figure 13.6
MAIB Incident Type (2010-2019)
and RNLi Lifeboat Stations**



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