

- Legend**
- Marine Scheme Boundary
  - Berwick Bank Wind Farm Array Area
  - Marine Scheme Offshore Export Cable Corridor
  - ICES rectangle
  - UK 12 Nautical Mile Limit
  - Scotland/England Territorial Waters

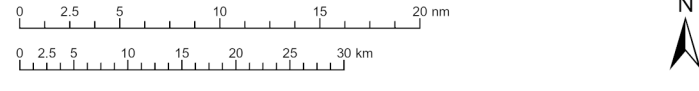
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02	23/06/2023	Revised	TF	AMB	EW
01	09/03/2023	Issued	TF	AMB	EW



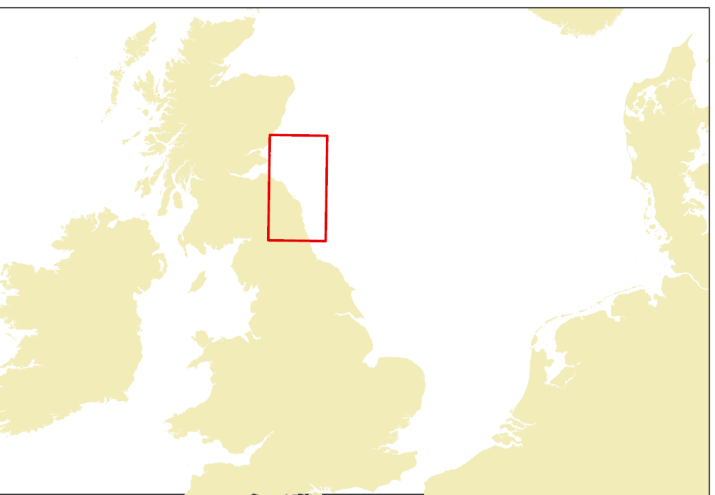
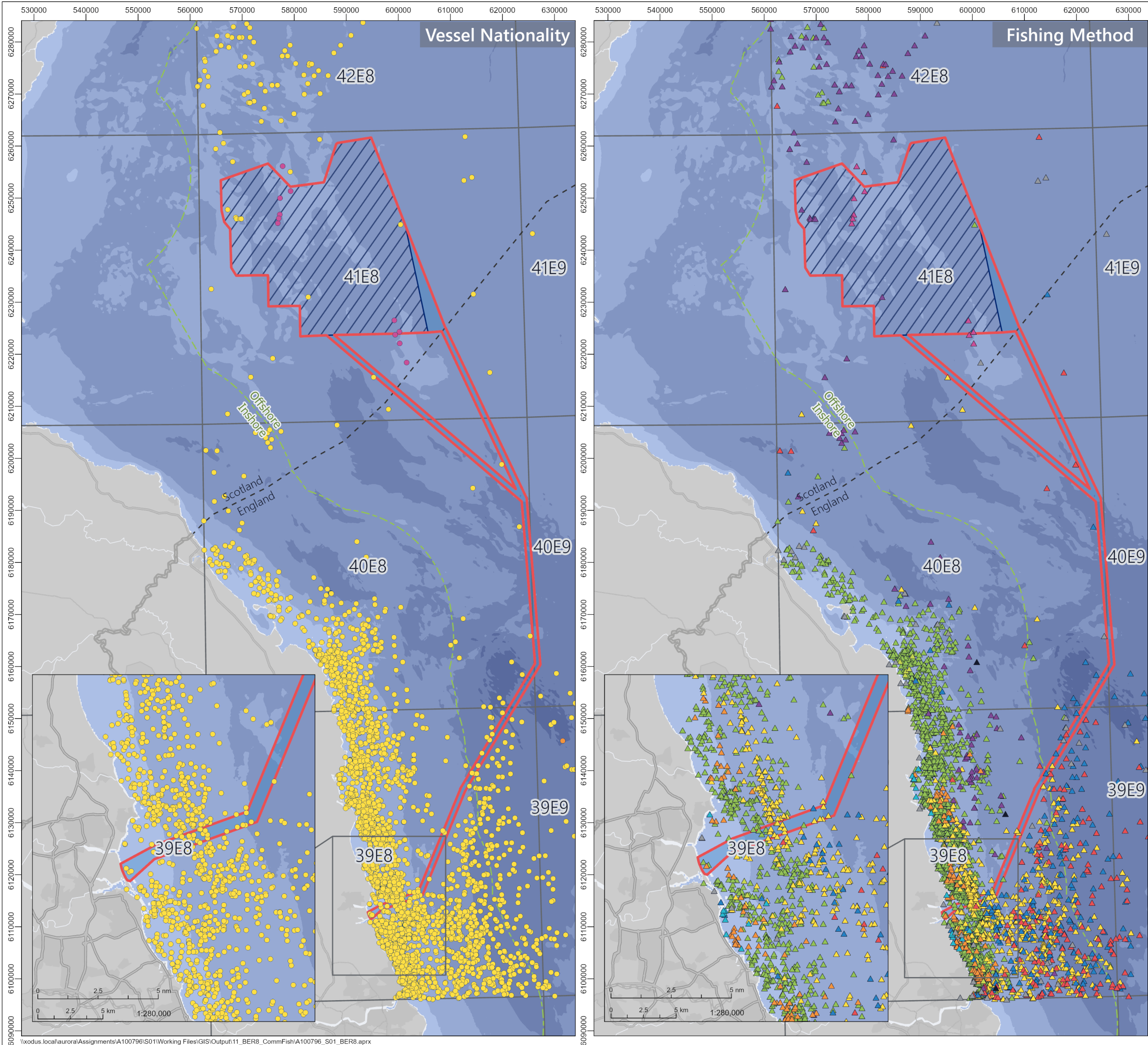
Project: **Cambois Connection**

Title: **Figure 12.1 Commercial Fisheries Study Area**



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Scale	Plot Size	Datum	Projection
1:700,000	A3	WGS84	UTM30N
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**Legend**

- Marine Scheme Boundary
- Berwick Bank Wind Farm Array Area
- Marine Scheme Offshore Export Cable Corridor
- ICES rectangle
- Scotland/England Territorial Waters
- UK 12 Nautical Mile Limit
- Bathymetry (m)
  - 75 - 100
  - 50 - 75
  - 25 - 50
  - 15 - 25
  - <15
- Vessel Nationality (2011-2019, MMO)
  - GBR
  - DEU
  - NOR
  - IRL
  - FRA
  - NLD
  - FRO
  - DNK
  - ESP
- Vessel Type (2011-2019, MMO)
  - Demersal stern trawler
  - Potter/whelker
  - Scallop dredger (French/Newhaven)
  - Pelagic stern trawler
  - Trawler (all)
  - Bottom seiner (anchor/Danish/Fly/Scots)
  - Pair trawler (all)
  - Freezer trawler (pelagic/)
  - Long liner
  - Unknown/other

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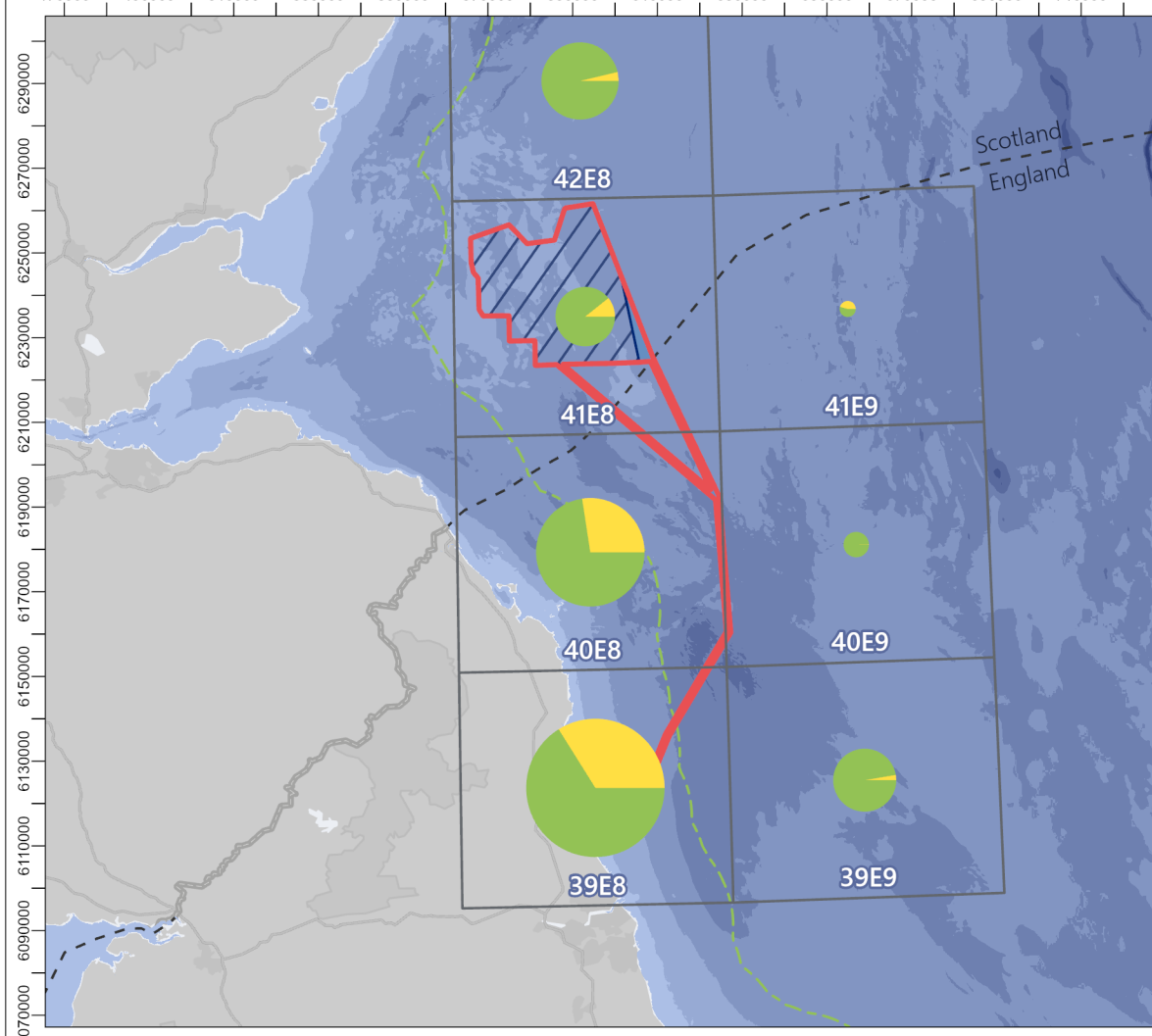
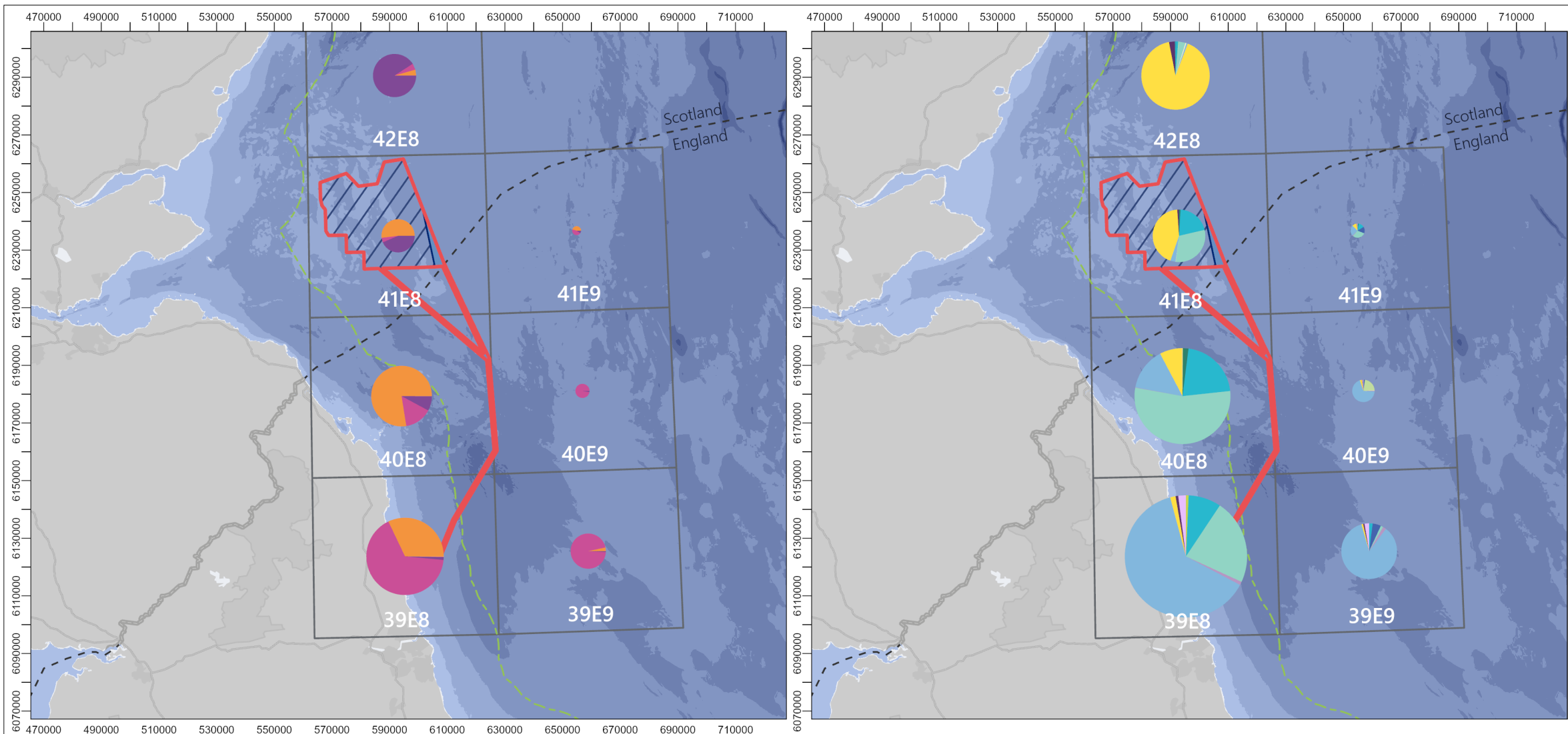
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03	-	-	-	-	-
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01	09/03/2023	Issued	TF	AMB	EW
Rev	Date	Status	Drwn	Chkd	Appd

Project: **Cambois Connection**

Title: **Figure 12.2 Surveillance sightings by vessel nationality and type (2011 – 2020) (MMO, 2020)**

Scale: 1:700,000 | Plot Size: A3 | Datum: WGS84 | Projection: UTM30N

Drawing Number: A100796\_S01\_BER8\_2 | Sheet No.: 001 OF 001



Average Landings (£) per ICES Rectangle by Method (2015 - 2019, MMO)

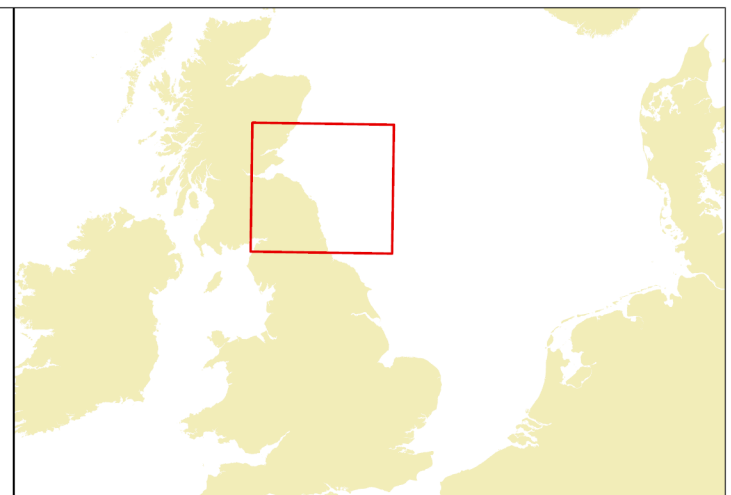
- Pots and traps
- Demersal trawl/seine
- Dredge
- Drift fixed nets
- Gears using hooks
- Other mobile gears
- Other passive gears
- Unknown gear

Average Landings (£) per ICES Rectangle by Vessel Length (2015 - 2019, MMO)

- ≤ 10 m
- > 10 m

Average Landings (£) per ICES Rectangle by Species (2015 - 2019, MMO)

- Cod
- Crabs (velvet swim)
- Crabs (CP mixed sexes)
- Haddock
- Herring
- Lobsters
- Mackerel
- Monks/anglers
- Nephrops
- Scallops
- Squid
- MixedSquidandOctopi
- Whiting



**Legend**

- Marine Scheme Boundary
- Berwick Bank Wind Farm Array Area
- Marine Scheme Offshore Export Cable Corridor
- UK 12 Nautical Mile Limit
- Scotland/England Territorial Waters
- ICES Rectangle

**Bathymetry (m)**

- 150 - 200
- 100 - 150
- 75 - 100
- 50 - 75
- 25 - 50
- 15 - 25
- <15

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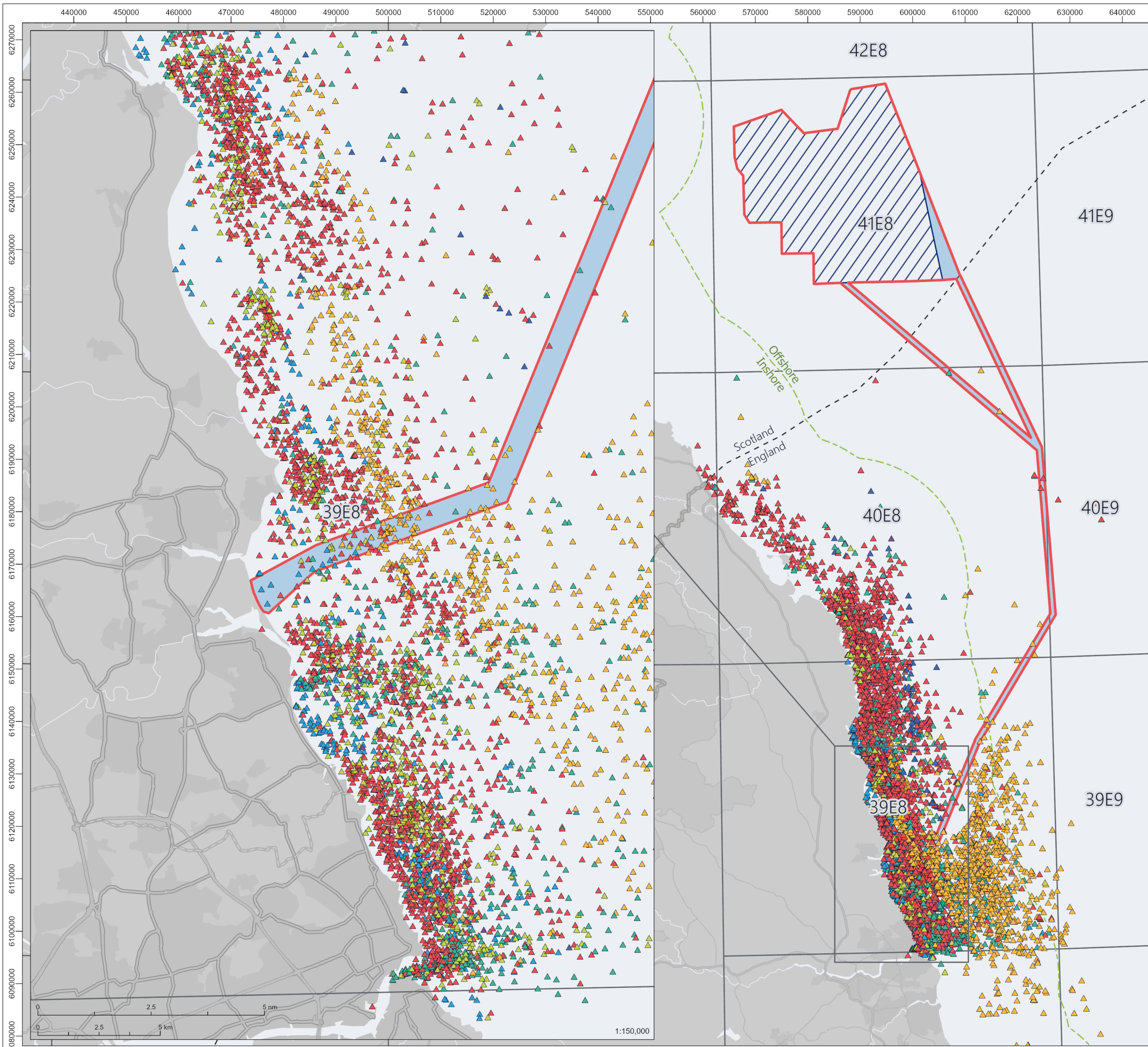
### Cambois Connection

Title

#### Figure 12.3 Average Landings Value (£) by Fishing Method, Species and Vessel Length (m) (Average 2015 – 2019) (MMO, 2020)

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**Legend**

- Marine Scheme Boundary
- Berwick Bank Wind Farm Array Area
- Marine Scheme Offshore Export Cable Corridor

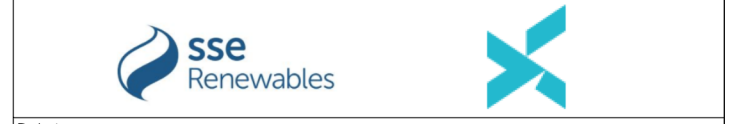
**Vessel Sightings (NIFCA, 2012 - 2021)**

- ▲ Potting
- ▲ Trawling
- ▲ Angling
- ▲ Steaming
- ▲ Netting
- ▲ Dredging
- ▲ Other

- ICES rectangle
- UK 12 Nautical Mile Limit
- Scotland/England Territorial Waters

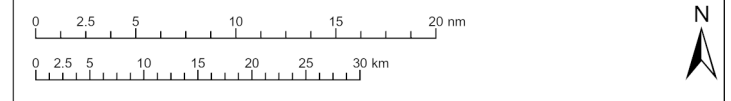
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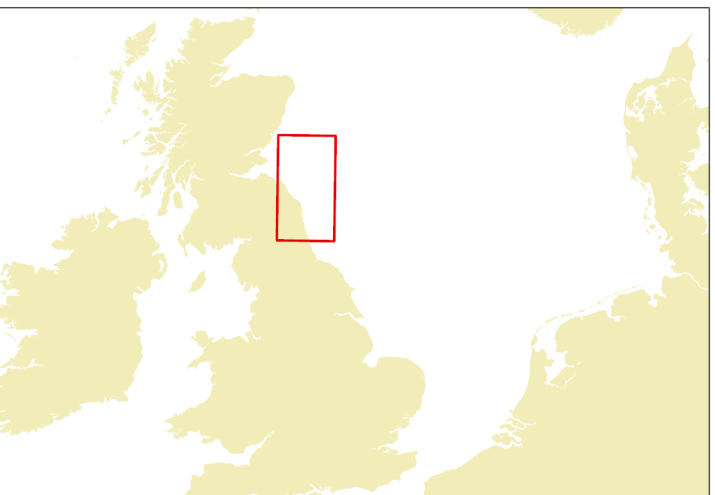
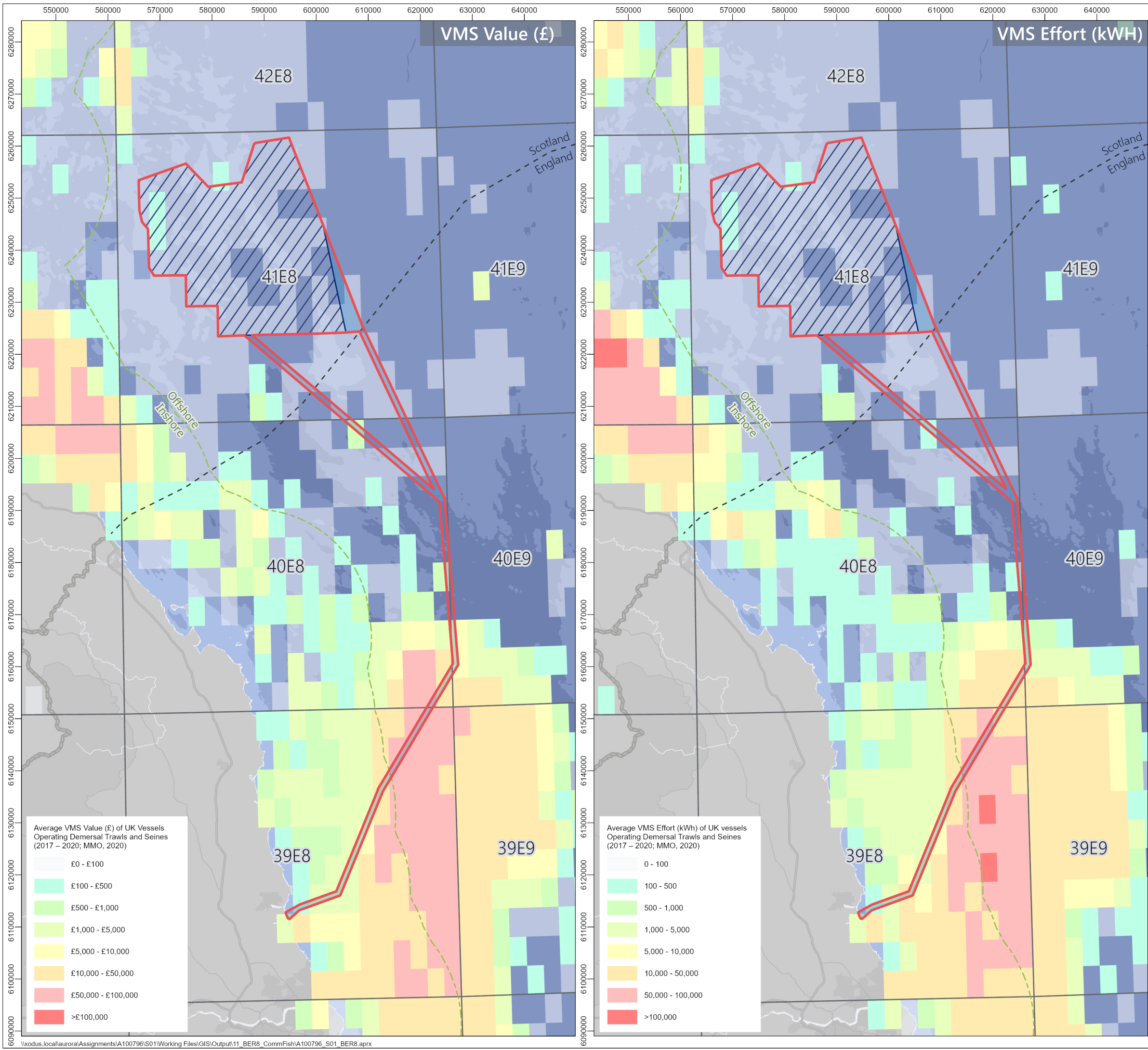
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**Cambois Connection**

Title  
**Figure 12.4 Northumberland Inshore Fisheries and Conservation Authority (NIFCA) Vessel Sightings (2012 – 2021) (NIFCA, 2023)**



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- Legend**
- Marine Scheme Boundary
  - Berwick Bank Wind Farm Array Area
  - Marine Scheme Offshore Export Cable Corridor
  - UK 12 Nautical Mile Limit
  - Scotland/England Territorial Waters
  - ICES Rectangle

- Bathymetry (m)**
- 75 - 100
  - 50 - 75
  - 25 - 50
  - 15 - 25
  - <15

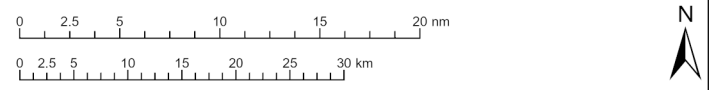
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Rev	Date	Status		Drwn	Chkd Appd



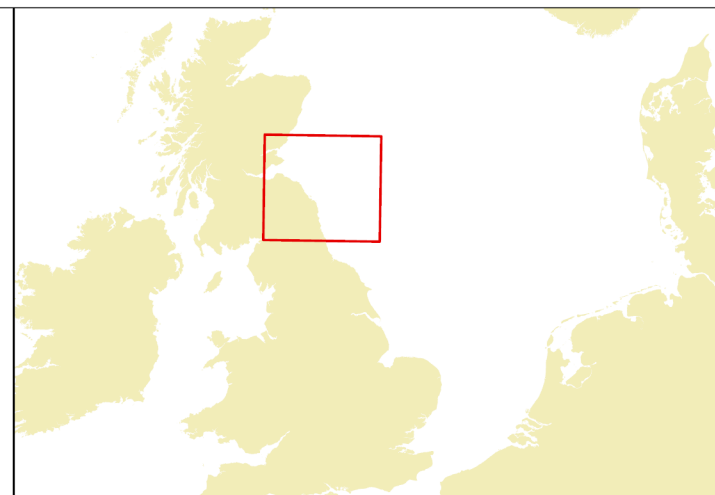
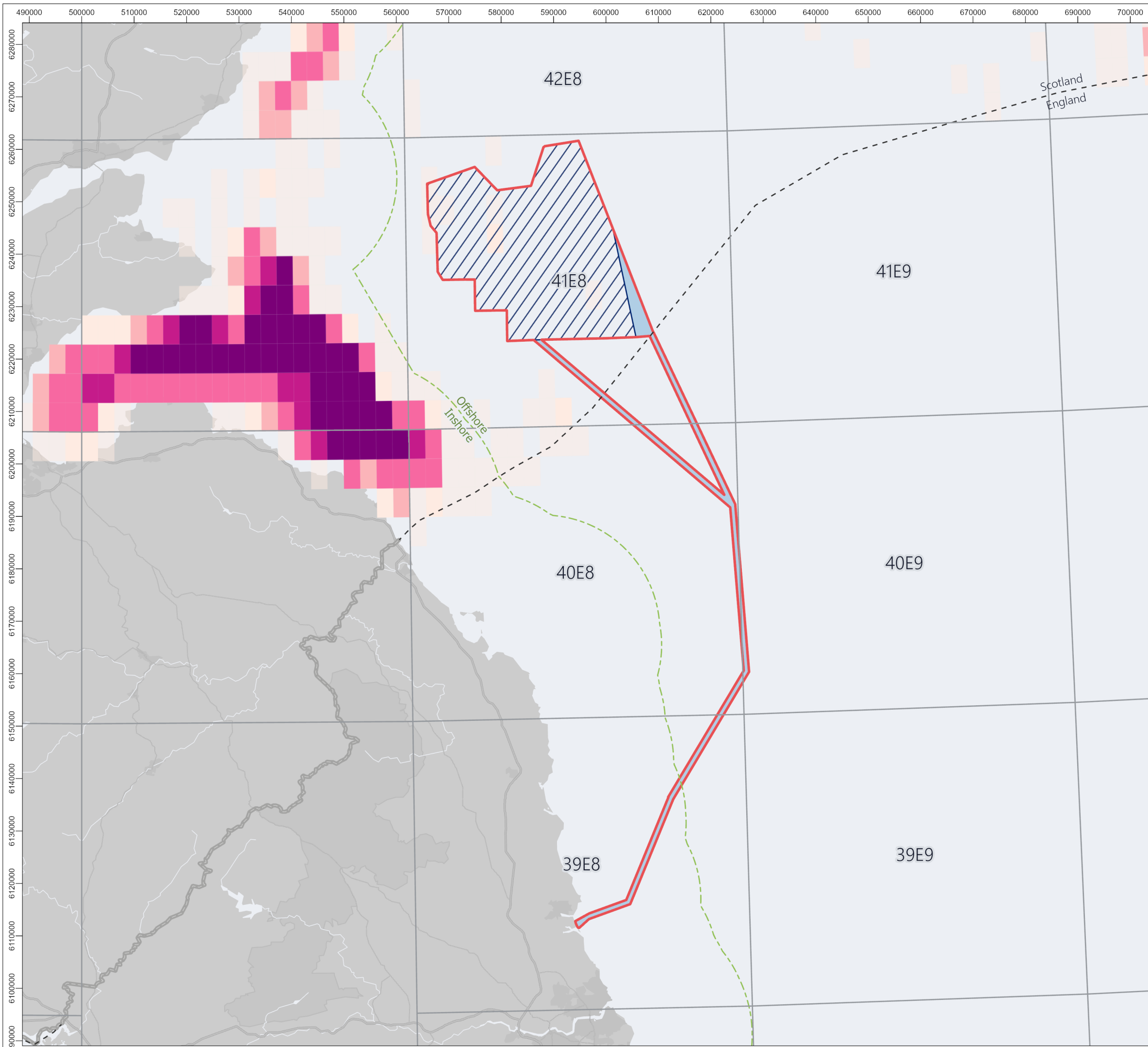
Project  
**Cambois Connection**

Title  
**Figure 12.5 Average VMS Value (£) and Effort (kWh) of UK Vessels Operating Demersal Trawls and Seines (2017 - 2020) (MMO, 2020)**



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Scale	Plot Size	Datum	Projection
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Drawing Number	A100796_S01_BER8_5		Sheet No.
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- Legend**
- ICES rectangle
  - UK 12 Nautical Mile Limit
  - Scotland/England Territorial Waters
  - Marine Scheme Boundary
  - Berwick Bank Wind Farm Array Area
  - Marine Scheme Offshore Export Cable Corridor

**Average intensity (hours) of fishing for nephrops and crustaceans with bottom trawls (2010 - 2020):**

- Please note: This data source covers Scottish waters only*
- 2 to 12hrs
  - 12hrs to 1 day
  - 1 to 2 days
  - 2 days to 1 week
  - 1 to 2 weeks
  - Greater than 2 weeks

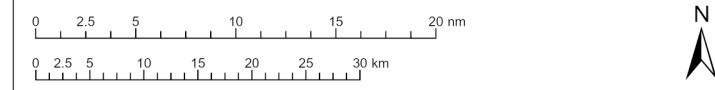
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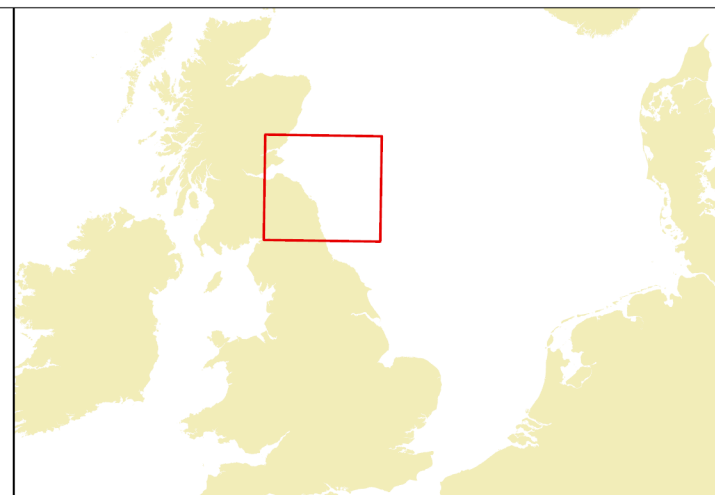
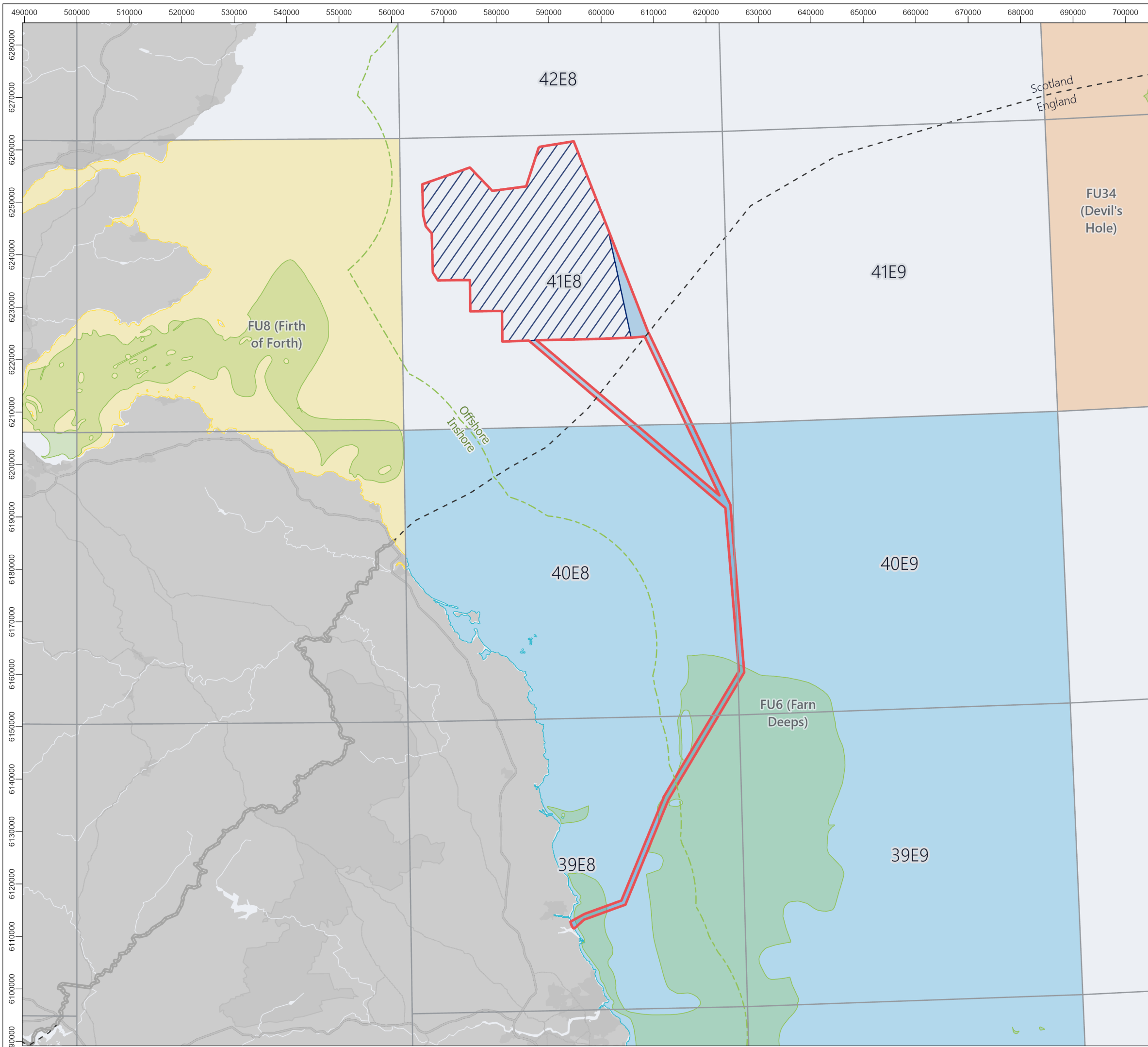
Project  
**Cambois Connection**

Title  
**Figure 12.6 Average Intensity (hours) of Fishing for Nephrops and Crustaceans with Bottom Trawls (2010 – 2020) (Marine Scotland, 2023)**



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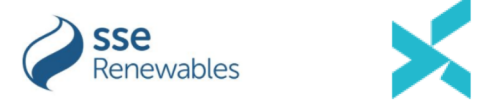


**Legend**

- Marine Scheme Boundary
- Berwick Bank Wind Farm Array Area
- Marine Scheme Offshore Export Cable Corridor
- ICES rectangle
- UK 12 Nautical Mile Limit
- Scotland/England Territorial Waters
- Suitable Nephrops habitat
- FU34 (Devil's Hole)
- FU6 (Farn Deeps)
- FU8 (Firth of Forth)

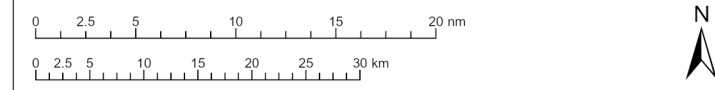
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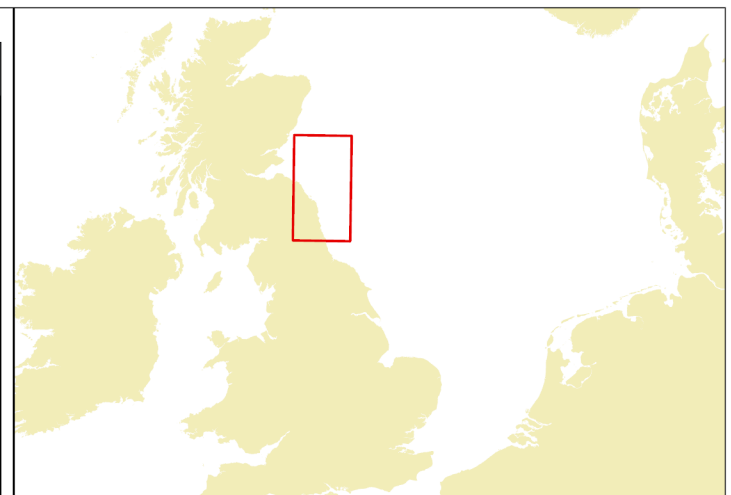
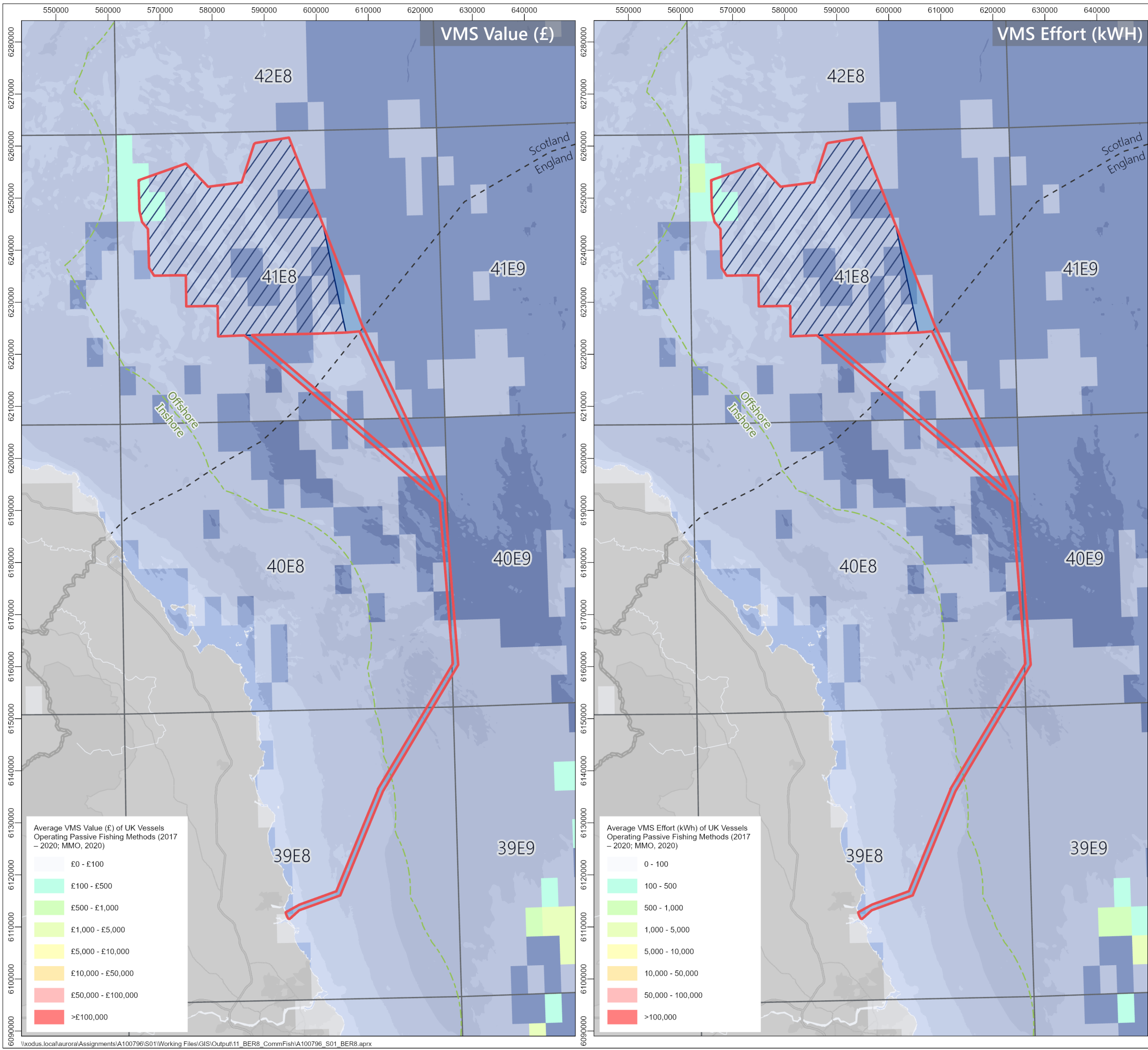
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Title  
**Figure 12.7 Nephrops Functional Units and Suitable Habitat**



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Drawing Number	A100796_S01_BER8_7		Sheet No.
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- Legend**
- Marine Scheme Boundary
  - Berwick Bank Wind Farm Array Area
  - Marine Scheme Offshore Export Cable Corridor
  - UK 12 Nautical Mile Limit
  - Scotland/England Territorial Waters
  - ICES Rectangle

- Bathymetry (m)**
- 75 - 100
  - 50 - 75
  - 25 - 50
  - 15 - 25
  - <15

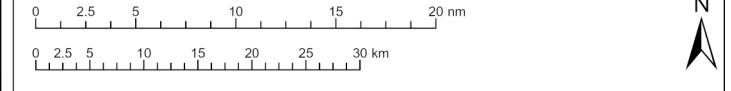
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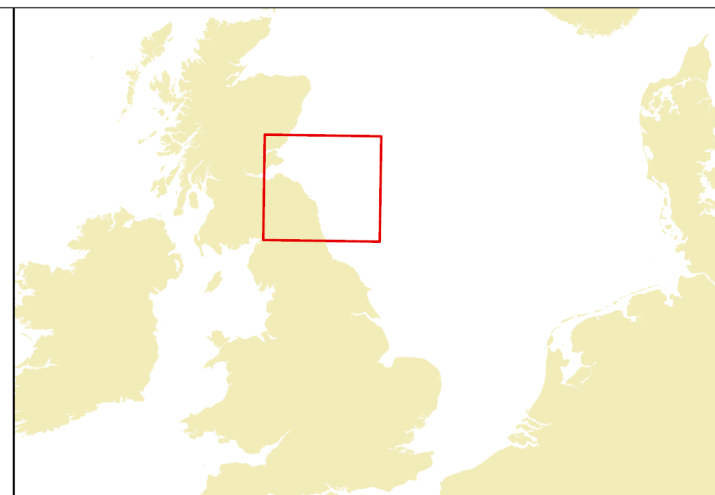
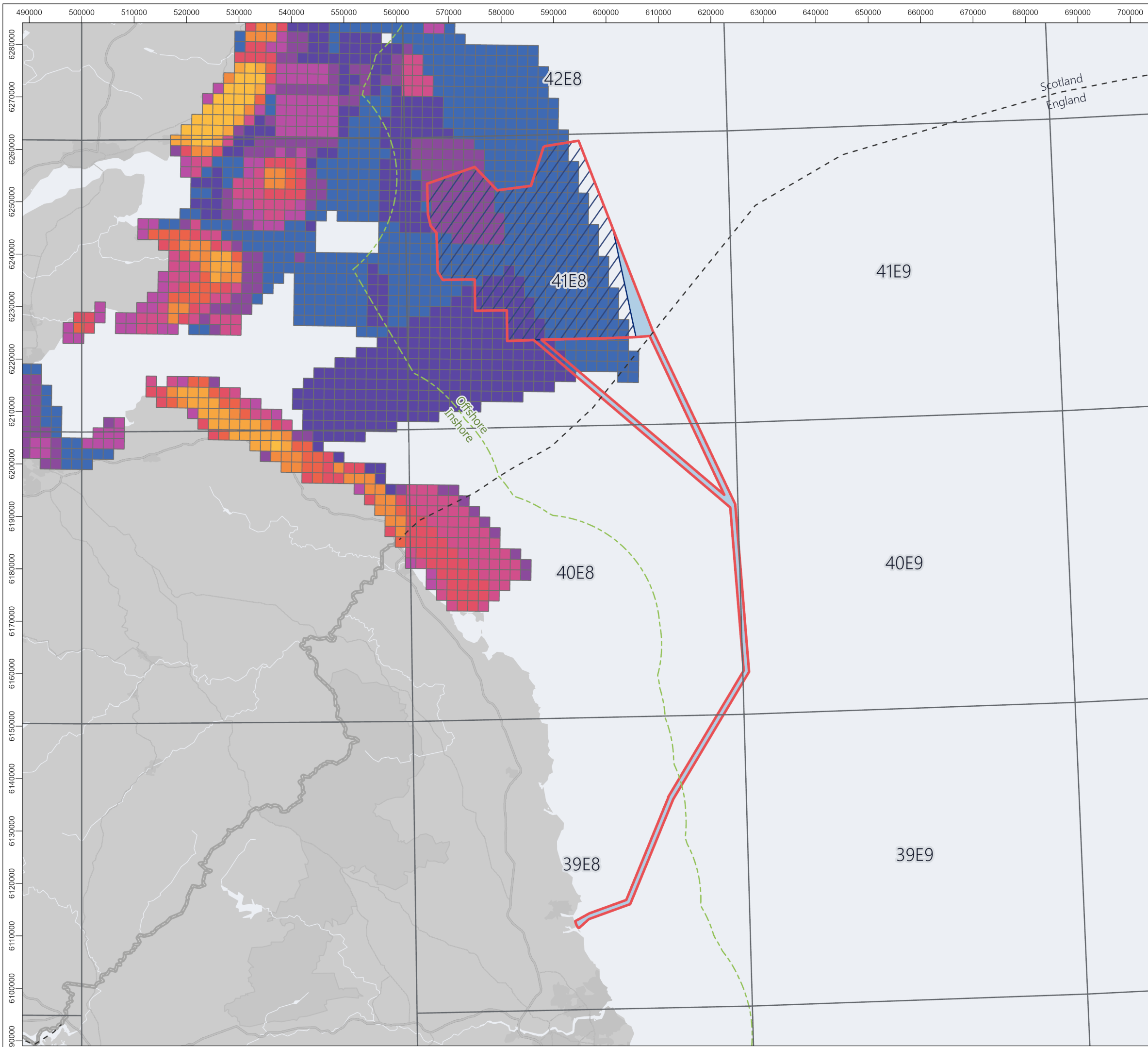
Title  
**Figure 12.8 Average VMS Value (£) and Effort (kWh) of UK Vessels Using Creels/pots (2017 - 2020) (MMO, 2020)**



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**Legend**

- Marine Scheme Boundary
- Berwick Bank Wind Farm Array Area
- Marine Scheme Offshore Export Cable Corridor

Average number of crab/lobster hauls per day

- 0 - 3
- 3 - 5
- 5 - 8
- 8 - 13
- 13 - 24
- 24 - 40
- 40 - 58
- 58 - 90
- 90 - 142
- 142 - 235

- ICES rectangle
- UK 12 Nautical Mile Limit
- Scotland/England Territorial Waters

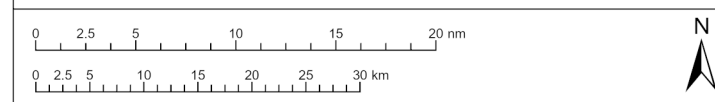
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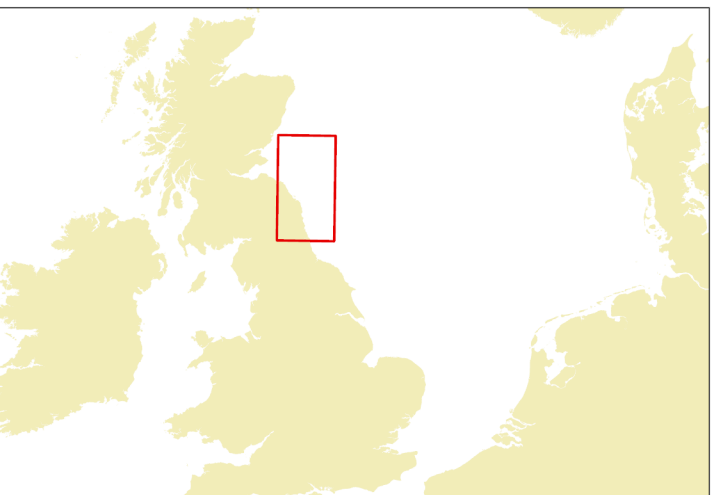
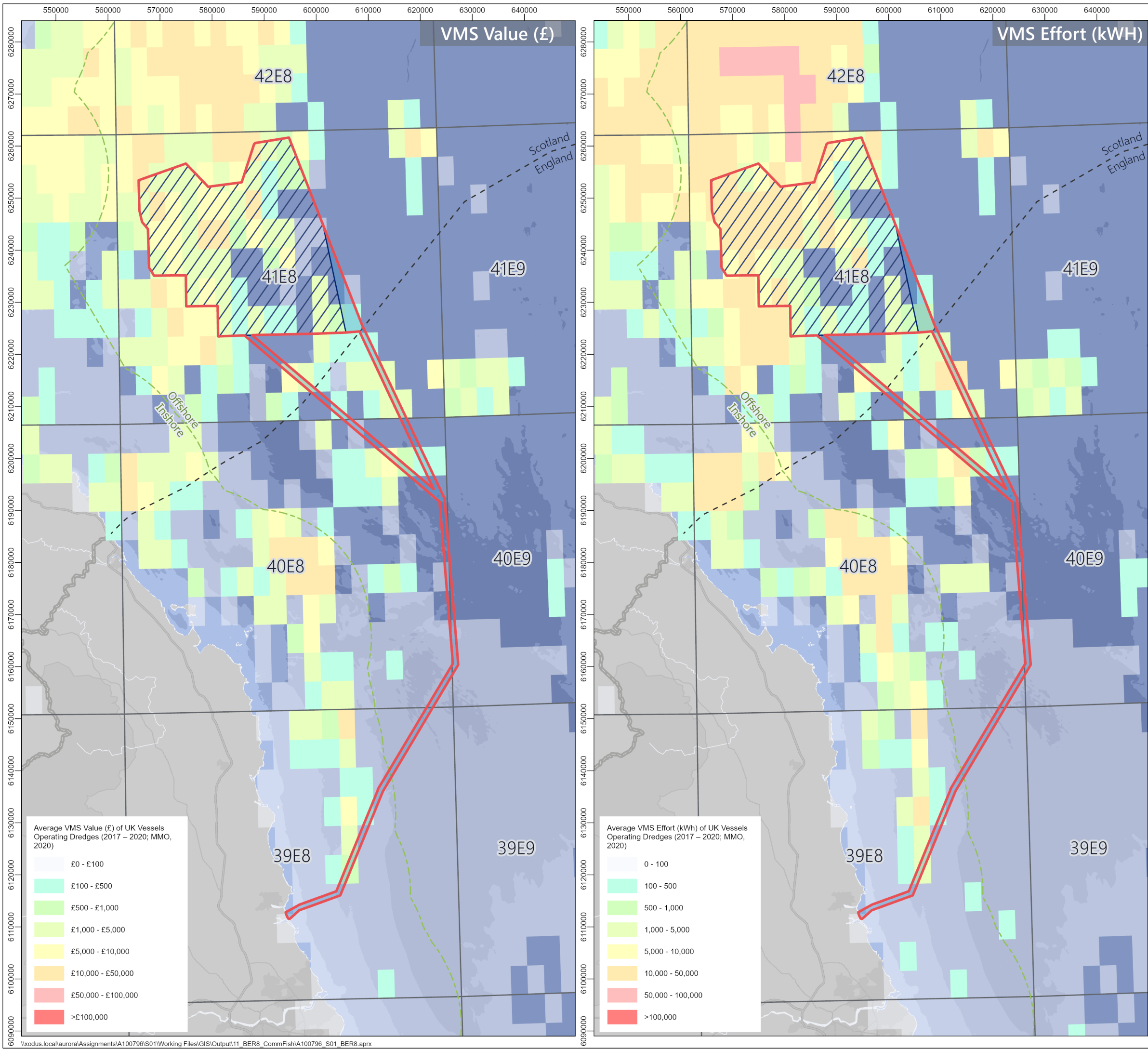
Project  
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Title  
**Figure 12.9 Creel Fishing Effort Study  
(Marine Scotland Science, 2017)**



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Scale	Plot Size	Datum	Projection
1:700,000	A3	WGS84	UTM30N
Drawing Number	A100796_S01_BER8_9		Sheet No.
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**Legend**

- Marine Scheme Boundary
- Berwick Bank Wind Farm Array Area
- Marine Scheme Offshore Export Cable Corridor
- ICES Rectangle
- UK 12 Nautical Mile Limit
- Scotland/England Territorial Waters

**Bathymetry (m)**

- 75 - 100
- 50 - 75
- 25 - 50
- 15 - 25
- <15

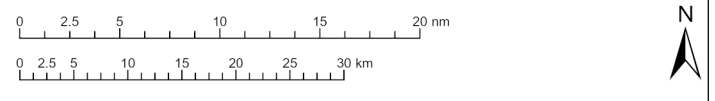
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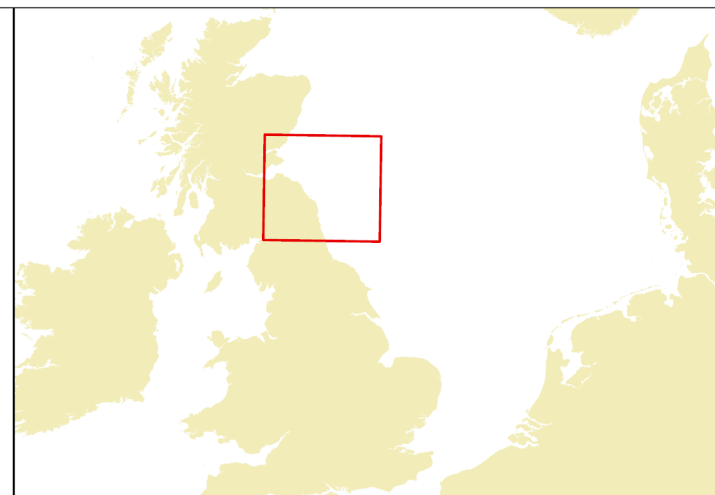
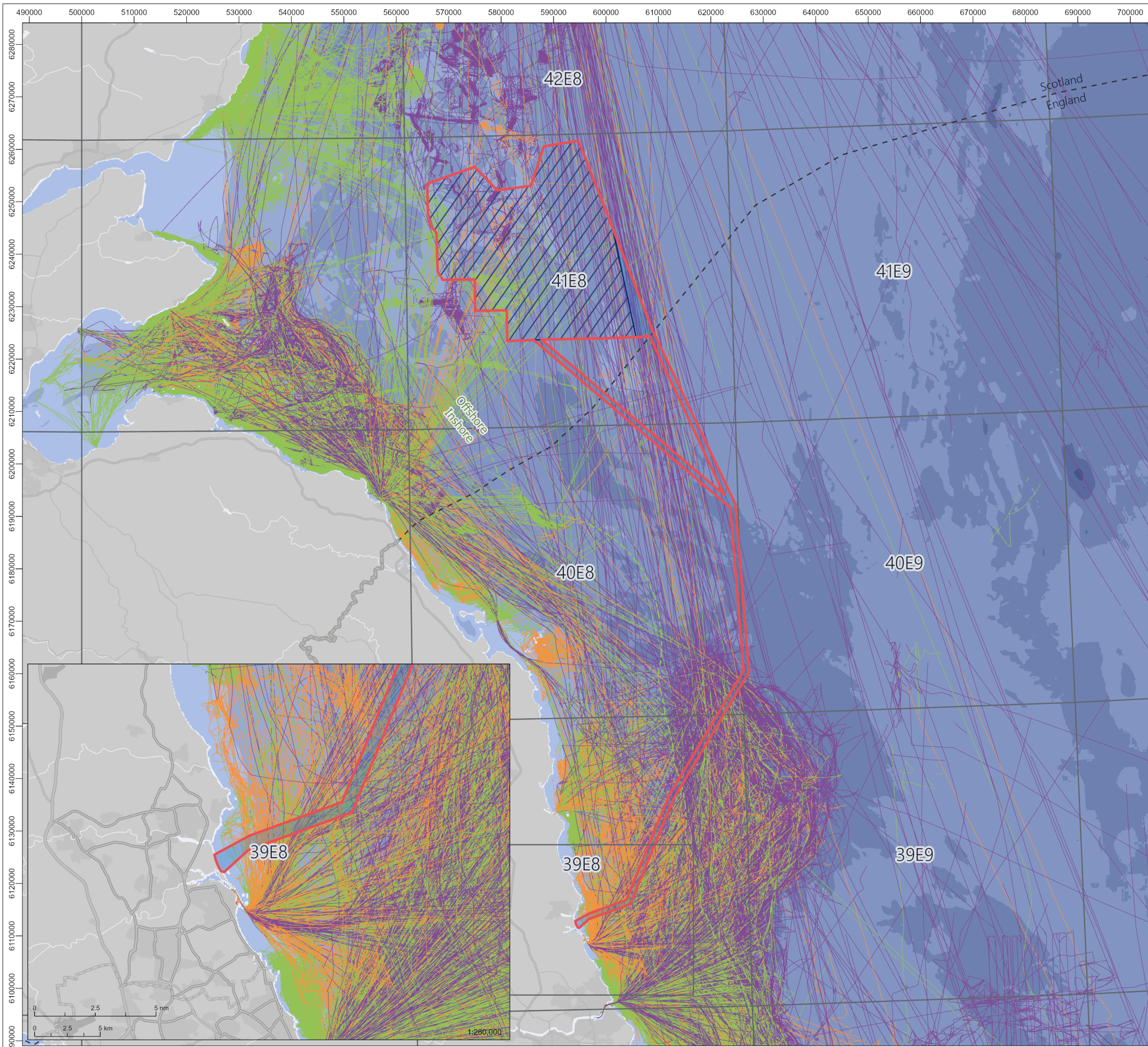
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Title  
**Figure 12.10 Average VMS Value (£) and Effort (kWh) of UK Vessels Operating Dredges (2017 - 2020) (MMO, 2020)**



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**Legend**

- Marine Scheme Boundary
- Berwick Bank Wind Farm Array Area
- Marine Scheme Offshore Export Cable Corridor
- ICES Rectangle

**AIS Fishing Vessel Tracks (MMO, 2019)**

**Vessel Length**

- < 10 m
- 10 - 15 m
- > 15 m

- - - UK 12 Nautical Mile Limit
- - - Scotland/England Territorial Waters

**Bathymetry (m)**

- 100 - 150
- 75 - 100
- 50 - 75
- 25 - 50
- 15 - 25
- <15

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Rev	Date	Status	Drwn	Chkd	Appd

Project: **Cambois Connection**

Title: **Figure 12.11 AIS Fishing Tracks (MMO, 2019)**

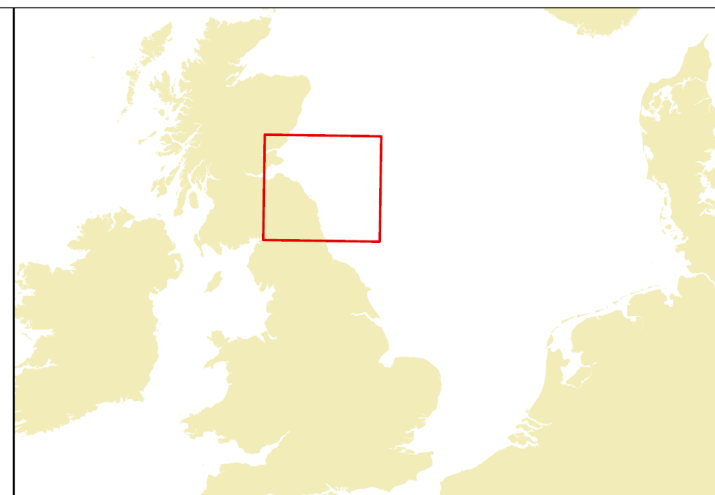
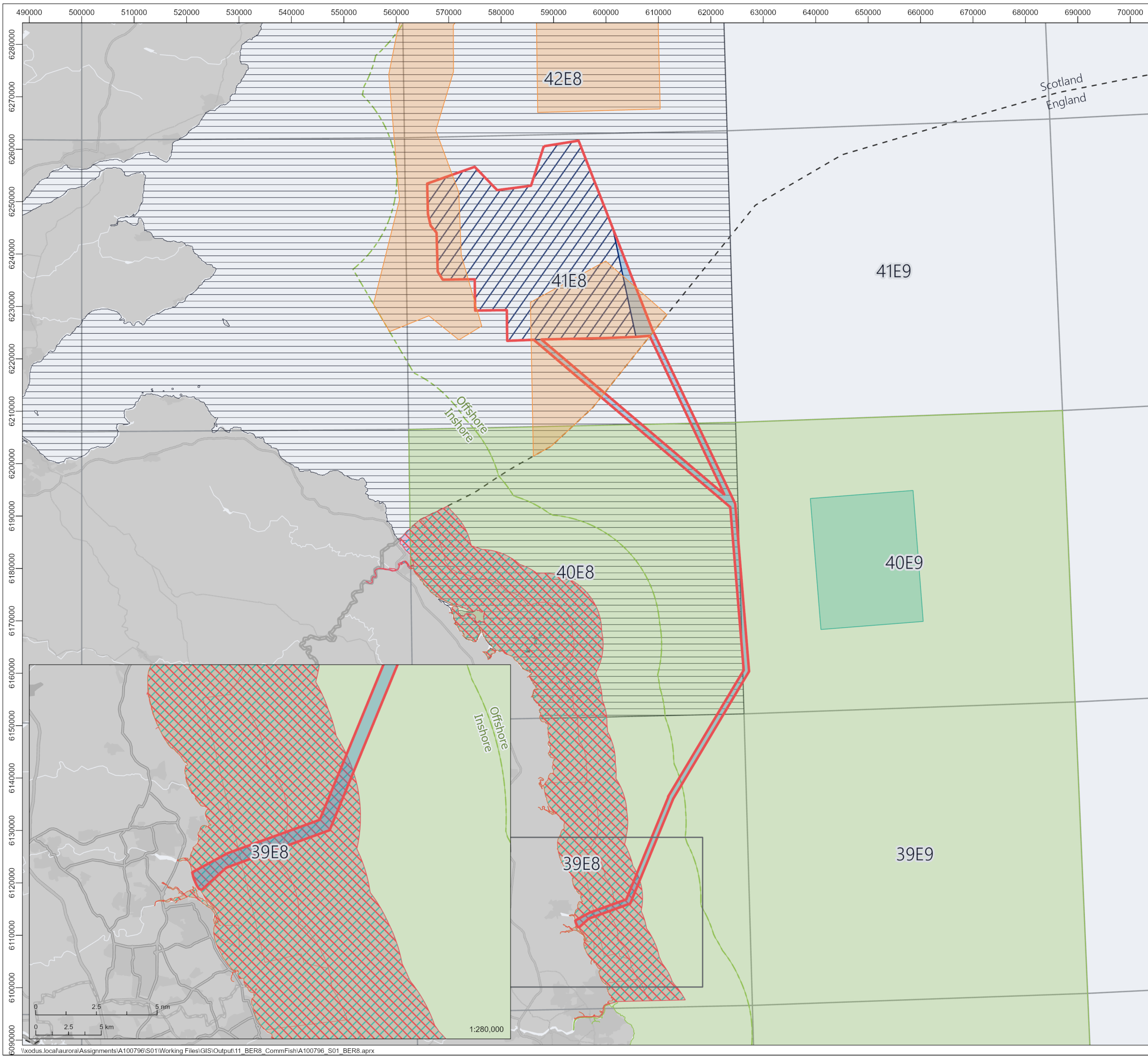
0 2.5 5 10 15 20 nm

0 2.5 5 10 15 20 25 30 km

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**Legend**

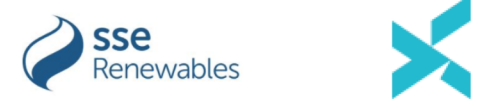
- Marine Scheme Boundary
- Berwick Bank Wind Farm Array Area
- Marine Scheme Offshore Export Cable Corridor
- ICES rectangle
- UK 12 Nautical Mile Limit
- Scotland/England Territorial Waters
- North East of Farnes Deep HMPA
- Firth of Forth Banks Complex NCMPA

**Fishing Restricted Area**

- Demersal Trawl and Seine
- Dredging
- Trawling
- Potting Limit
- Towed Gear (Sandeel)

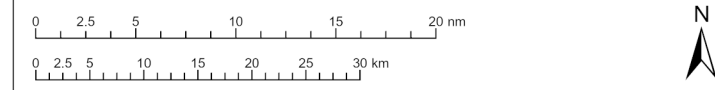
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Project  
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Title  
**Figure 12.12 Fishing Restricted Areas (Seafish, 2023)**



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