

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

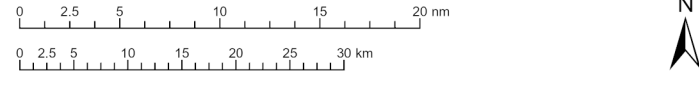
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02	23/06/2023	Revised	TF	AMB	EW
01	09/03/2023	Issued	TF	AMB	EW



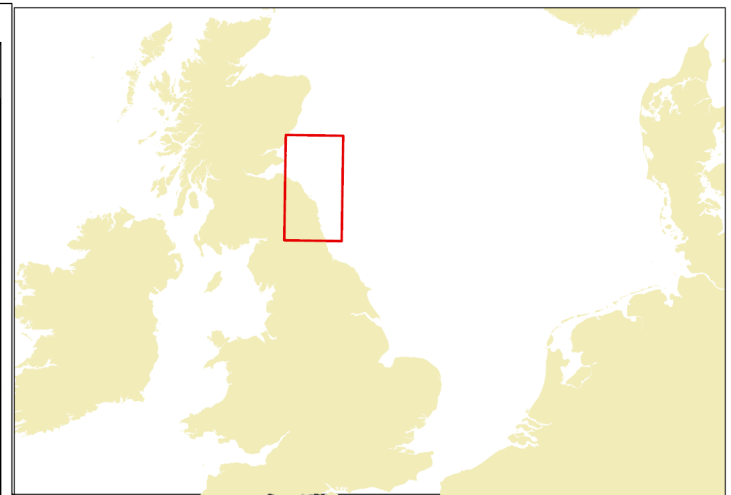
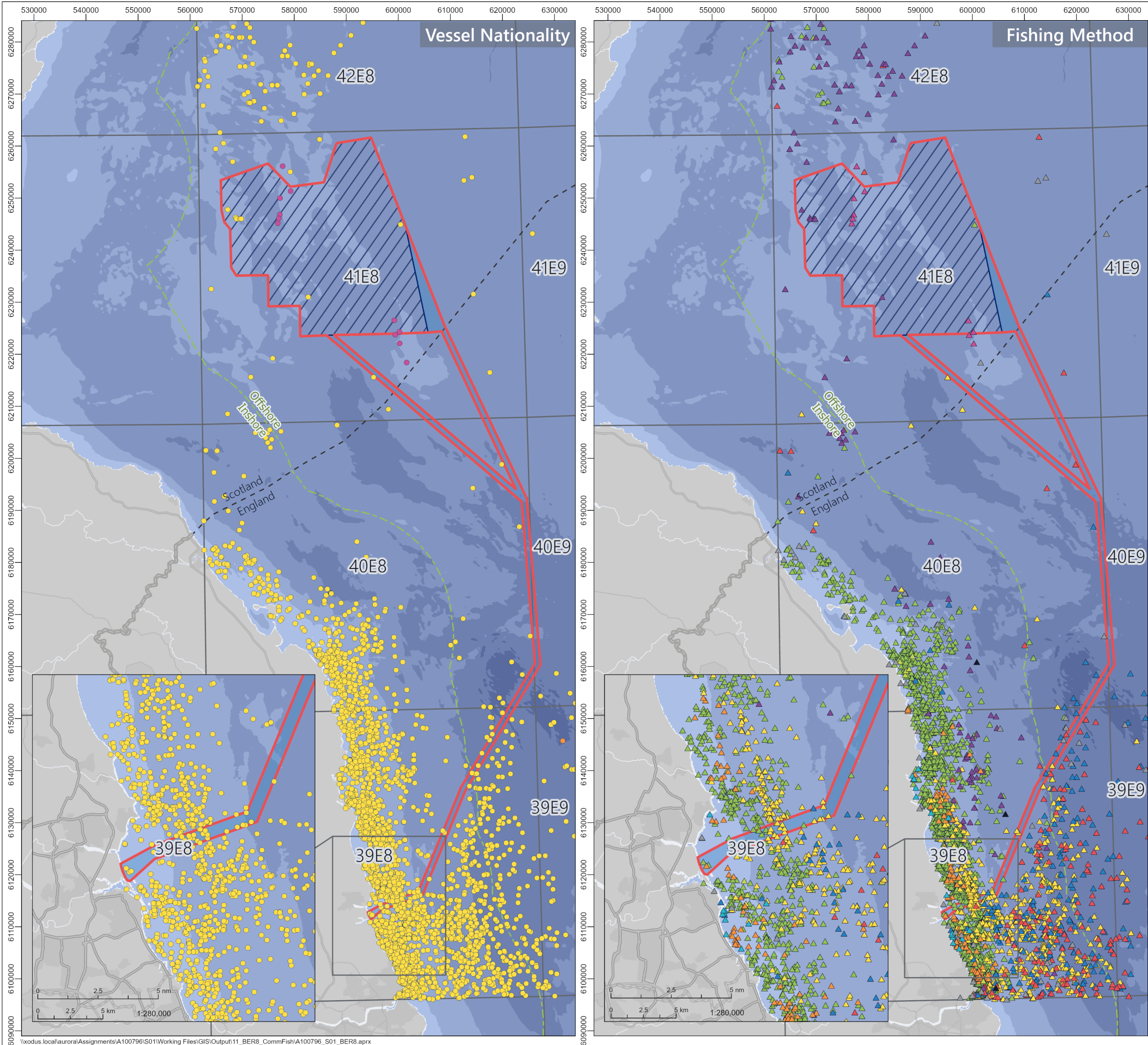
Project
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Title
Figure 12.1 Commercial Fisheries Study Area



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1:700,000	A3	WGS84	UTM30N
Drawing Number	A100796_S01_BER8_1		Sheet No.
			001 OF 001



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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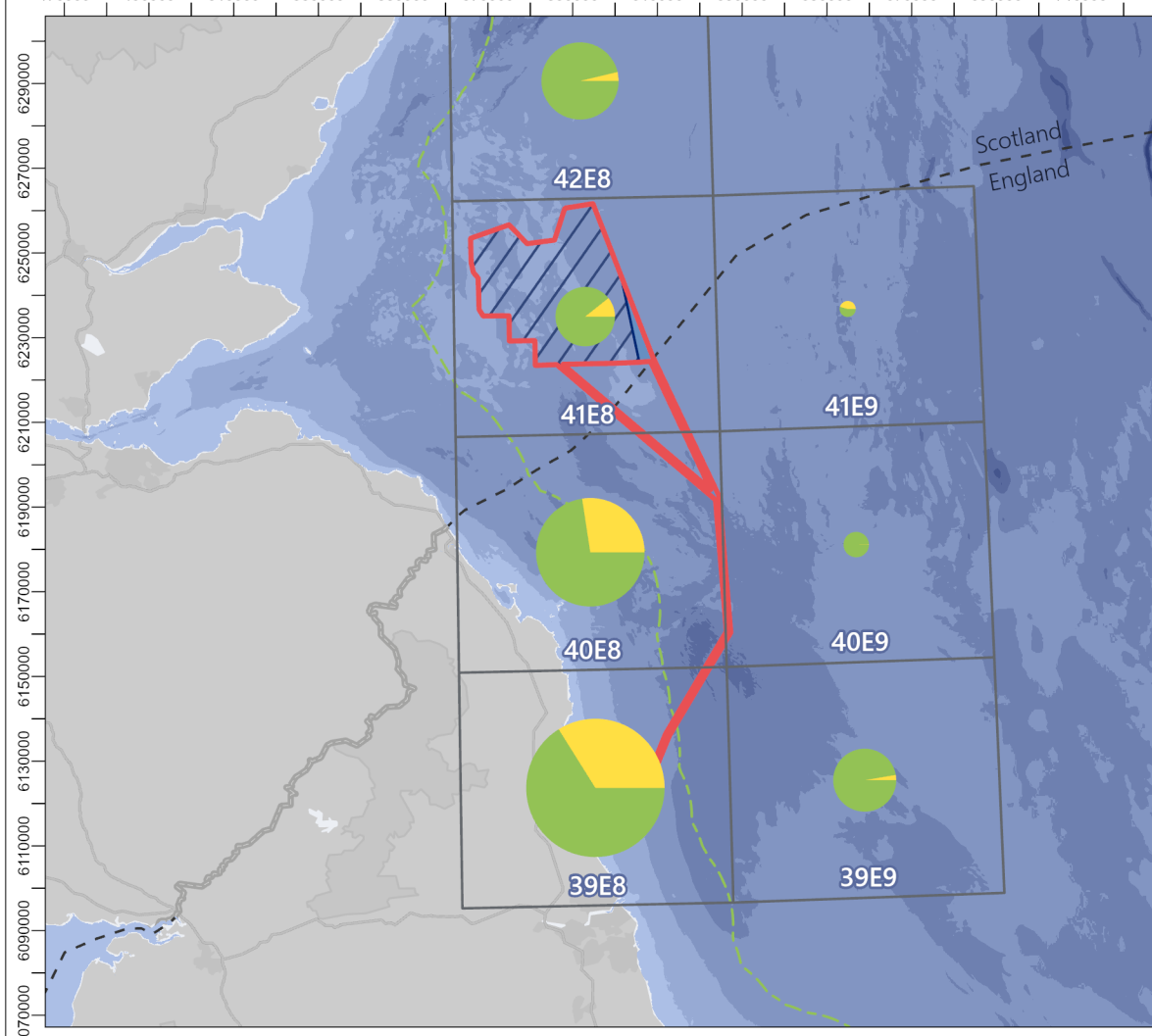
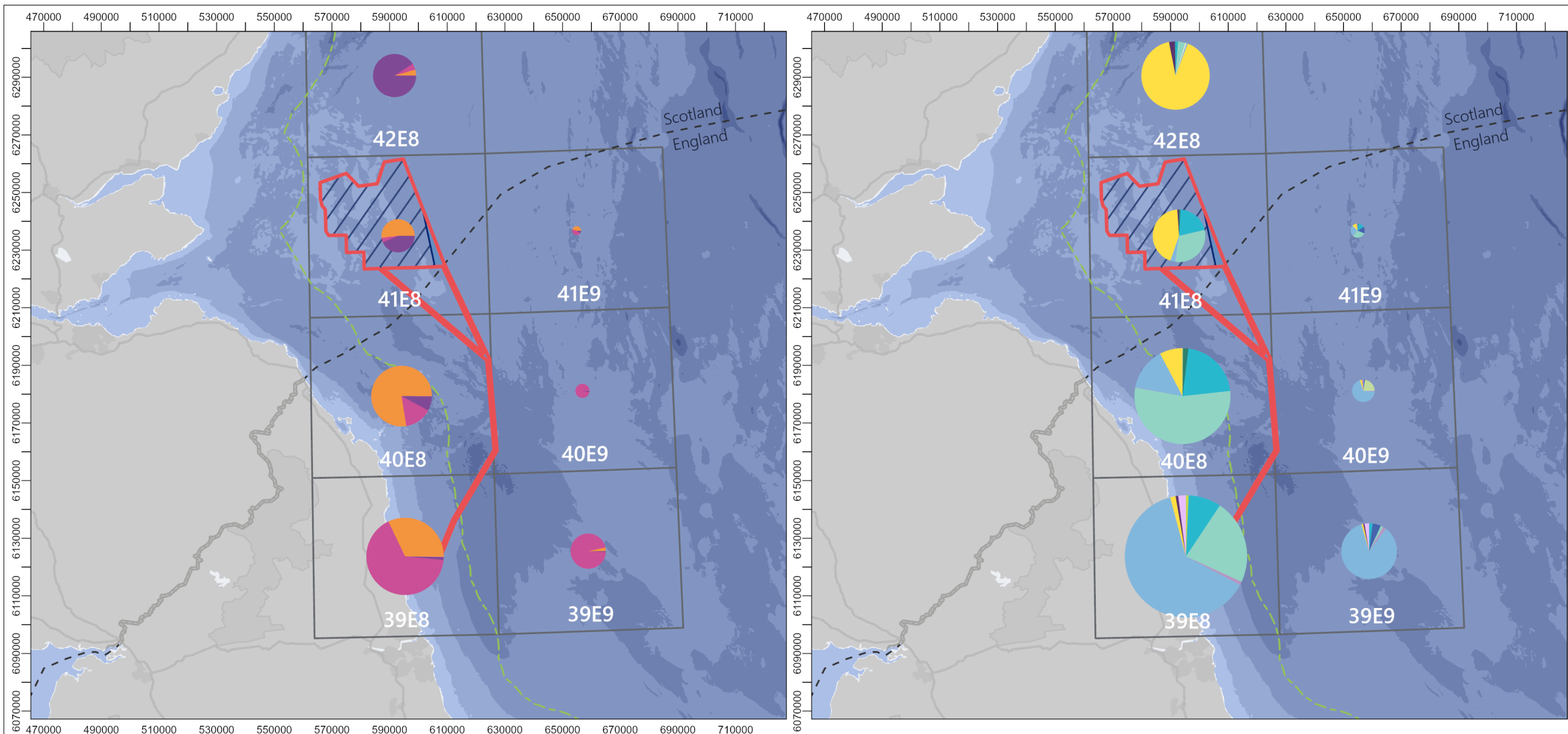
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02	06/07/2023	Revised	TF	JG	EW
01	09/03/2023	Issued	TF	AMB	EW
Rev	Date	Status	Drwn	Chkd	Appd

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)

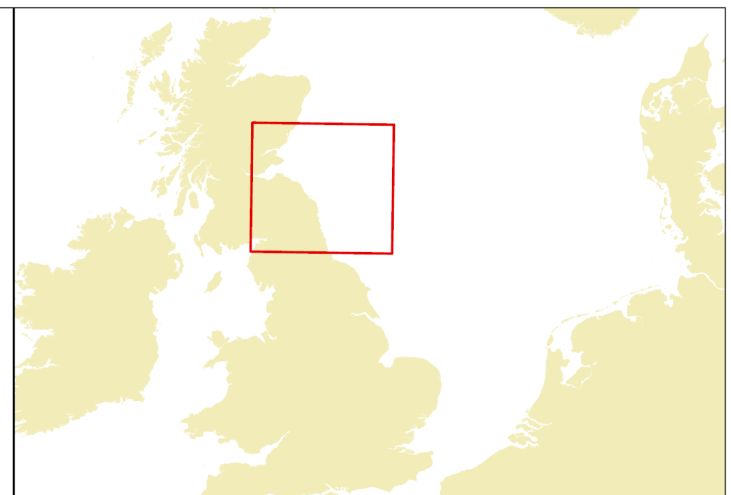
- Pots and traps
- Demersal trawl/seine
- Dredge
- Drift fixed nets
- Gears using hooks
- Other mobile gears
- Other passive gears
- Unknown gear

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

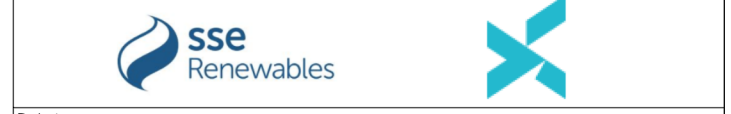


- Legend**
- Marine Scheme Boundary
 - Berwick Bank Wind Farm Array Area
 - Marine Scheme Offshore Export Cable Corridor
 - UK 12 Nautical Mile Limit
 - Scotland/England Territorial Waters
 - ICES Rectangle

- Bathymetry (m)**
- 150 - 200
 - 100 - 150
 - 75 - 100
 - 50 - 75
 - 25 - 50
 - 15 - 25
 - <15

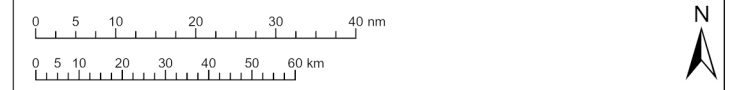
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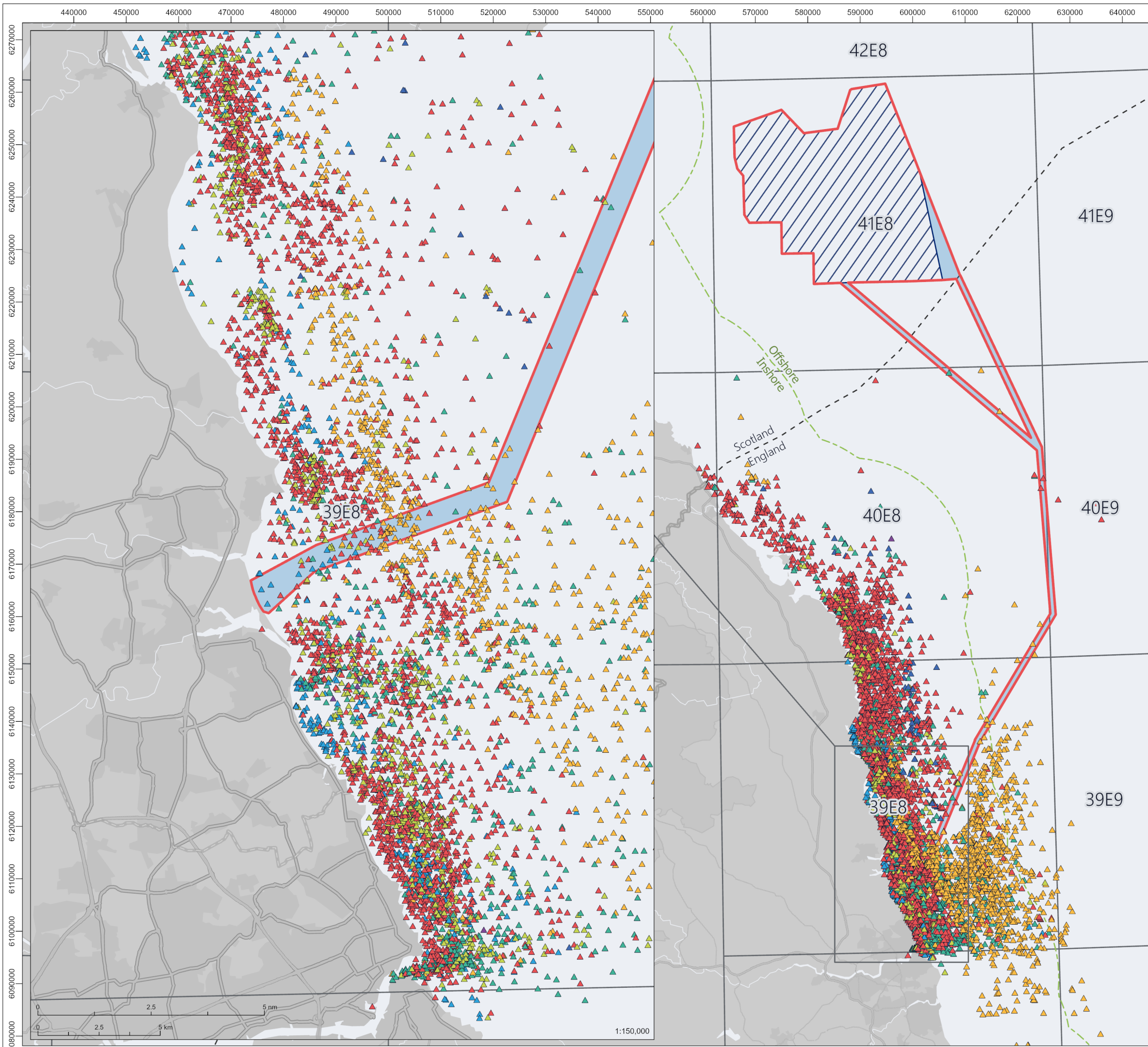
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Title
Figure 12.3 Average Landings Value (£) by Fishing Method, Species and Vessel Length (m) (Average 2015 – 2019) (MMO, 2020)



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Drawing Number A100796_S01_BER8_3			Sheet No. 001 OF 001



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

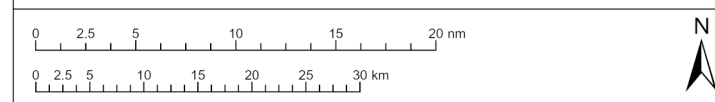
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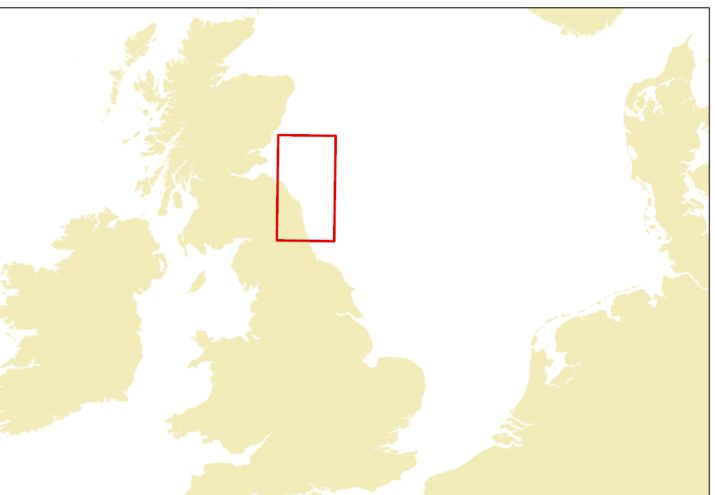
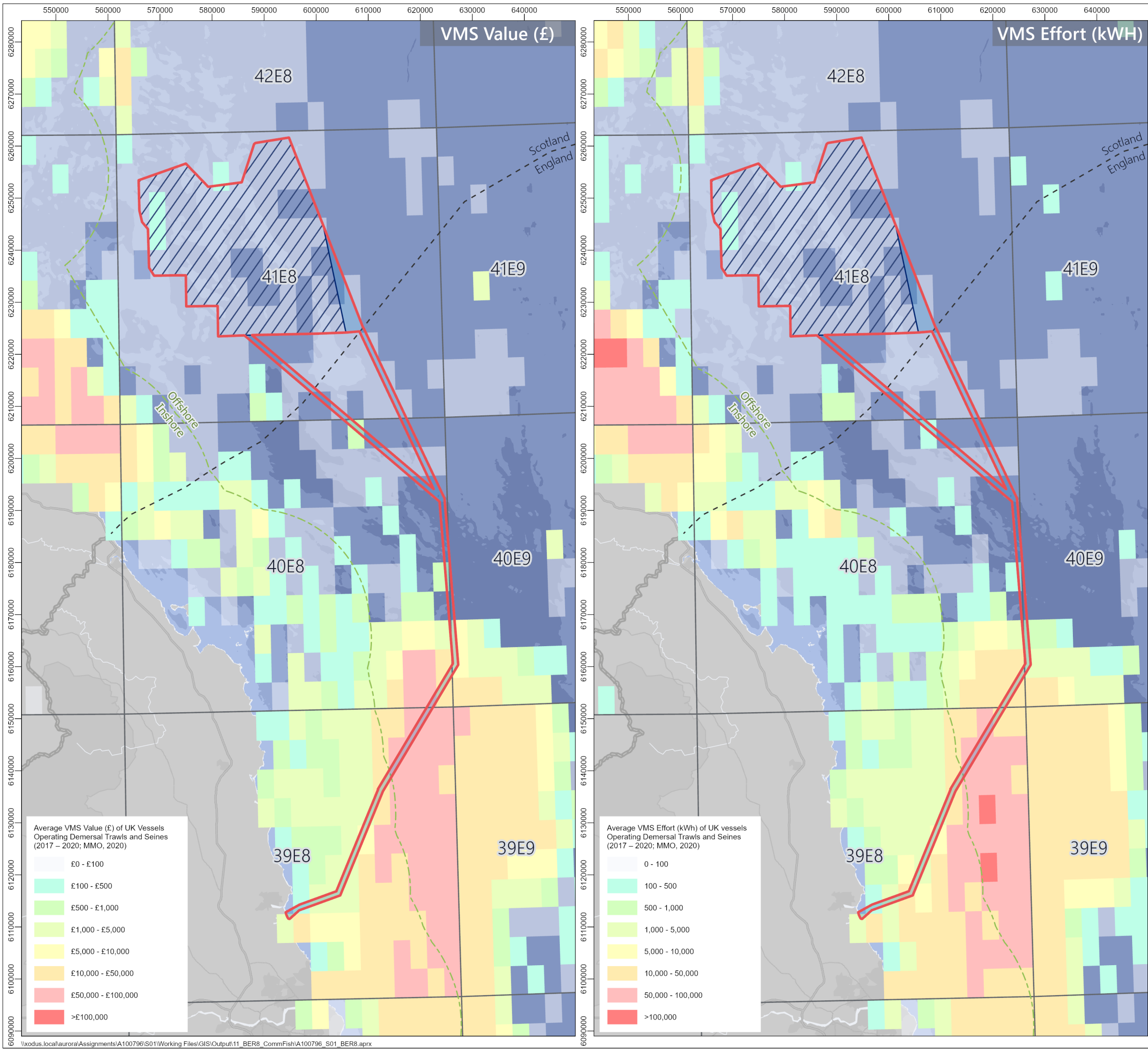
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Title
Figure 12.4 Northumberland Inshore Fisheries and Conservation Authority (NIFCA) Vessel Sightings (2012 – 2021) (NIFCA, 2023)



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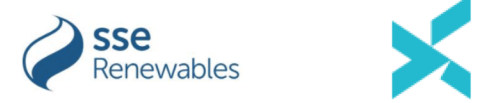


- Legend**
- Marine Scheme Boundary
 - Berwick Bank Wind Farm Array Area
 - Marine Scheme Offshore Export Cable Corridor
 - UK 12 Nautical Mile Limit
 - Scotland/England Territorial Waters
 - ICES Rectangle

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

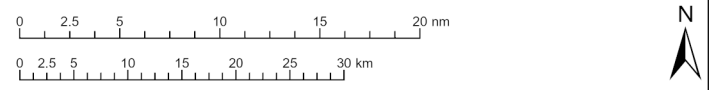
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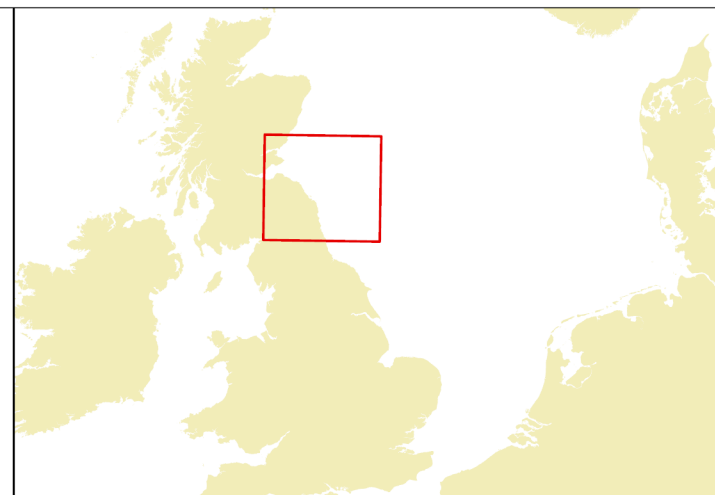
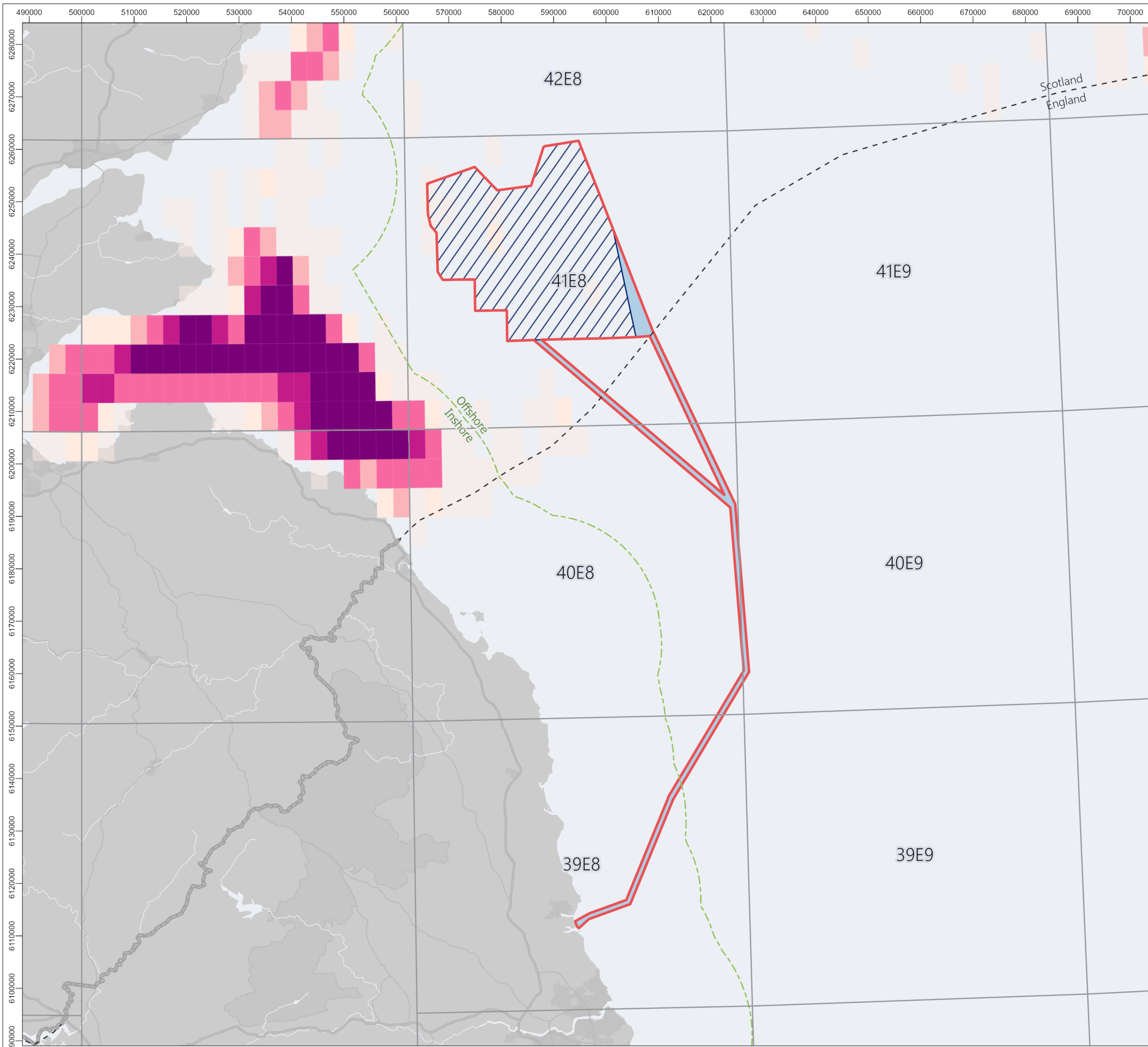
Project
Cambois Connection

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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A100796_S01_BER8_5	001 OF 001		



- 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

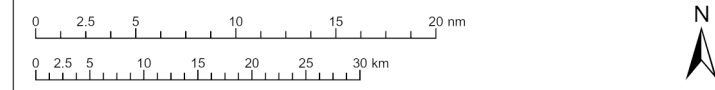
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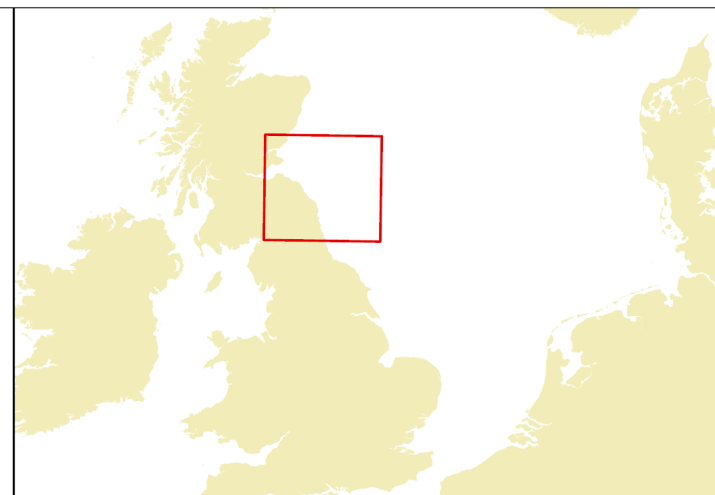
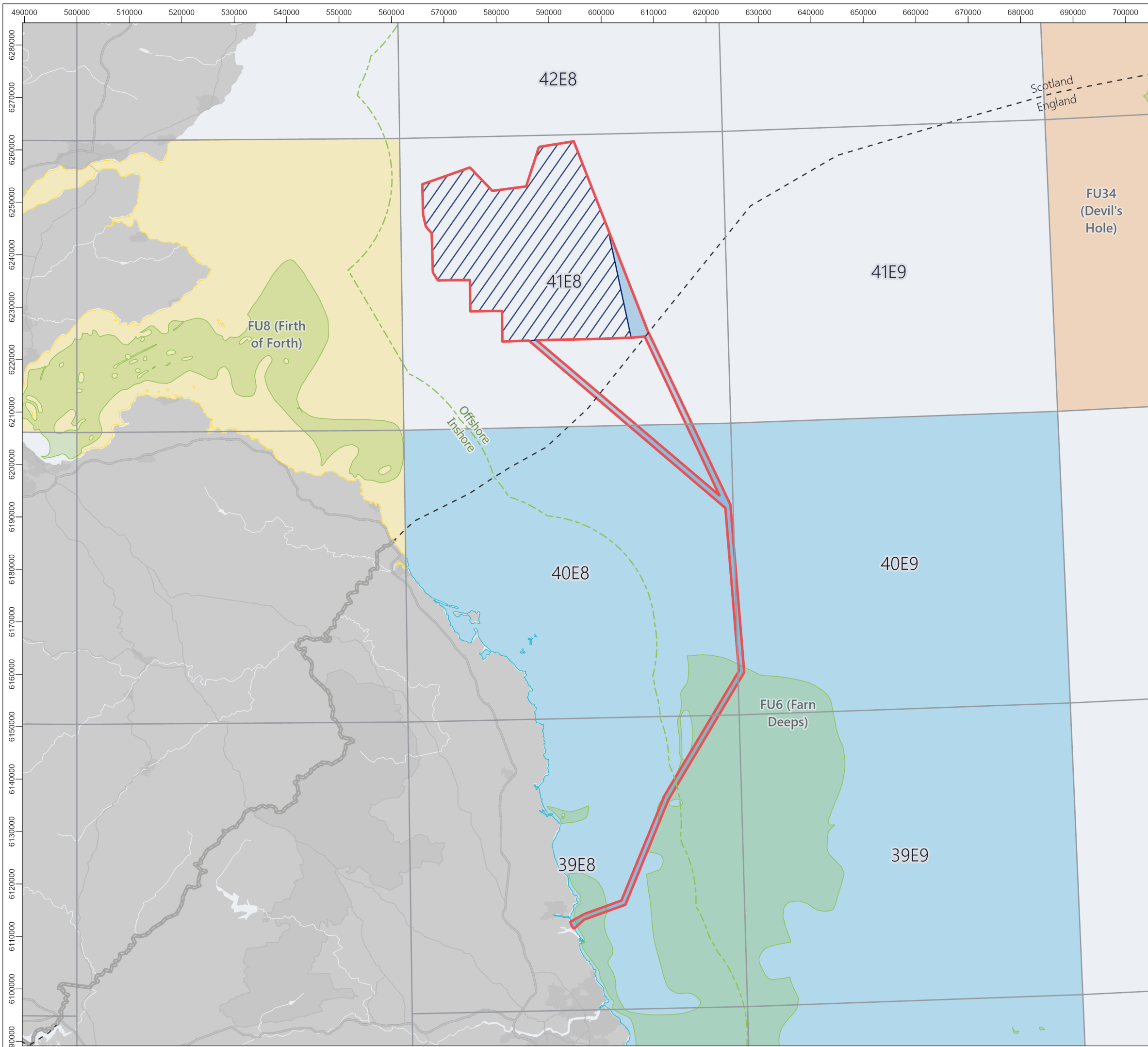
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Title
Figure 12.6 Average Intensity (hours) of Fishing for Nephrops and Crustaceans with Bottom Trawls (2010 – 2020) (Marine Scotland, 2023)



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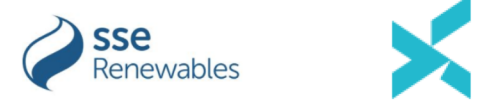


Legend

- 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)

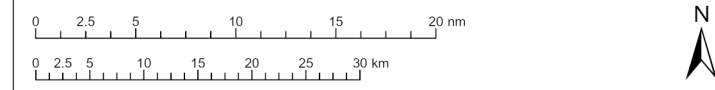
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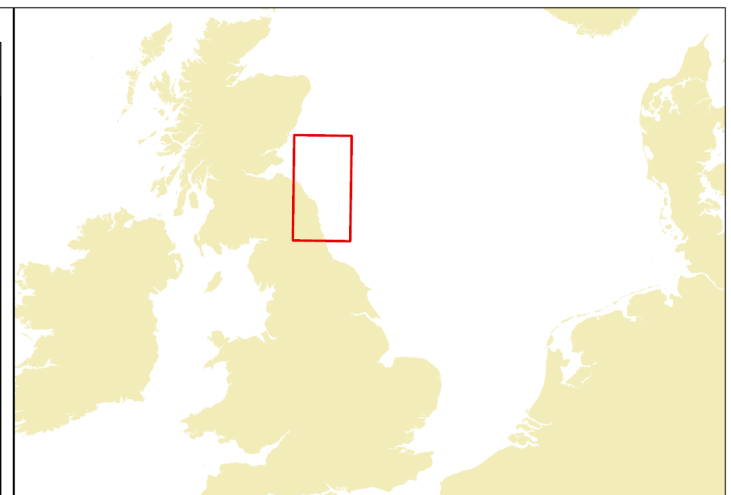
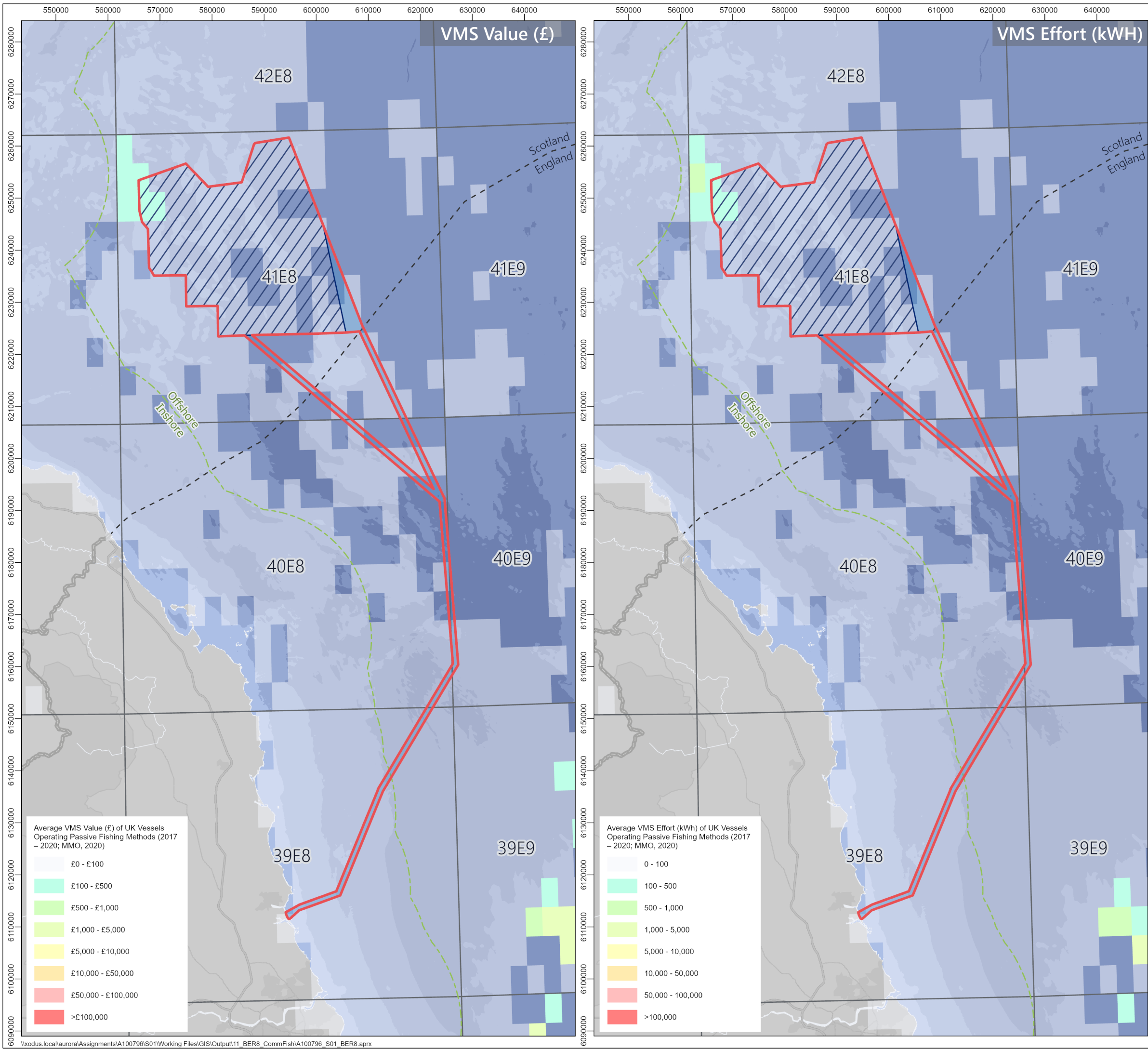
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Title
Figure 12.7 Nephrops Functional Units and Suitable Habitat



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Drawing Number	A100796_S01_BER8_7		Sheet No.
			001 OF 001



- 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

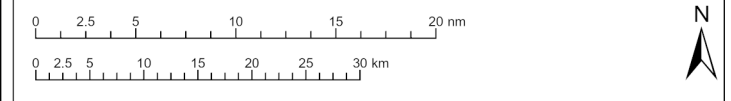
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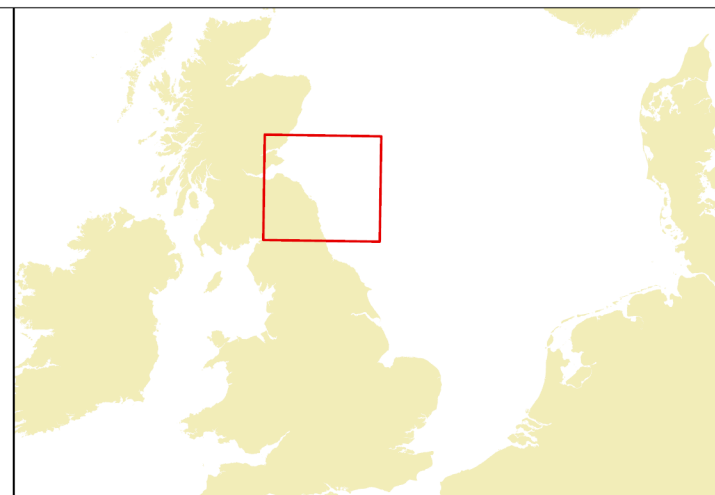
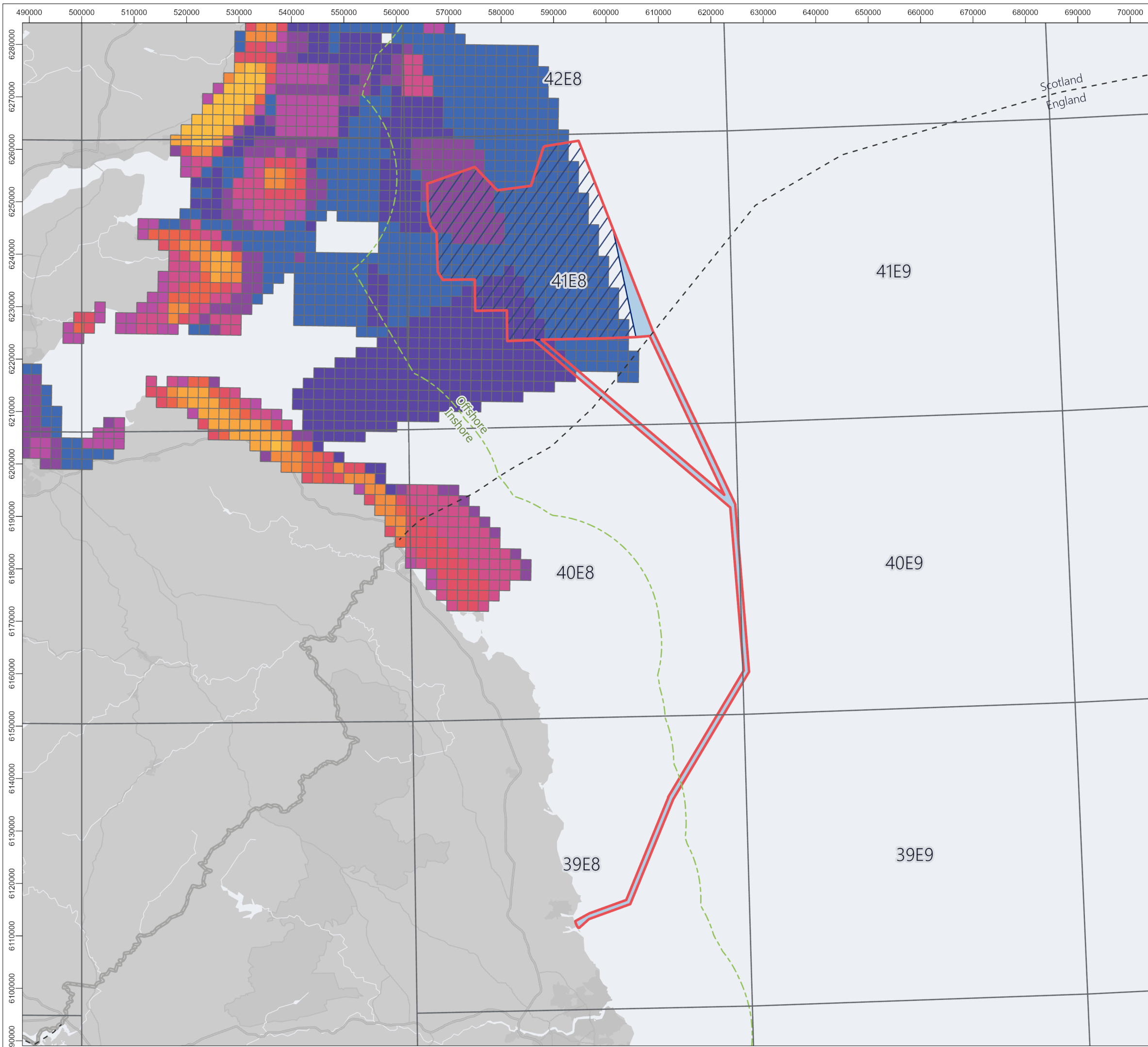
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Title
Figure 12.8 Average VMS Value (£) and Effort (kWh) of UK Vessels Using Creels/pots (2017 - 2020) (MMO, 2020)



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Drawing Number	Sheet No.		
A100796_S01_BER8_8	001 OF 001		



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

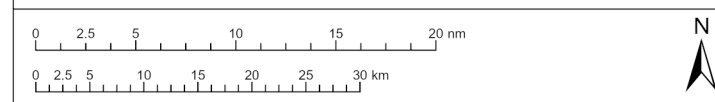
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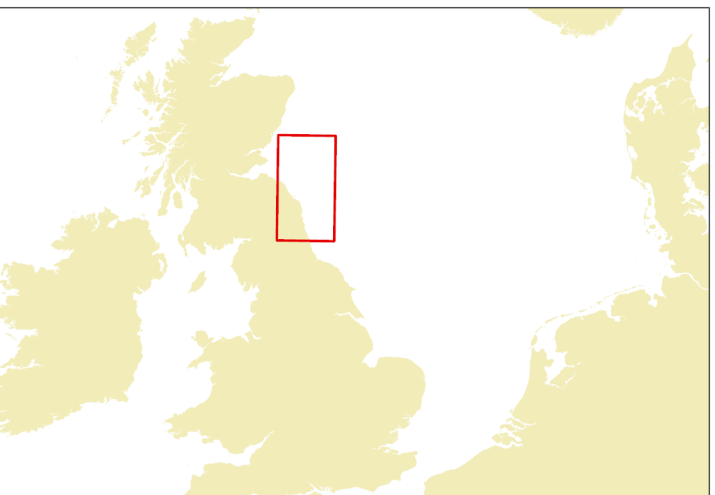
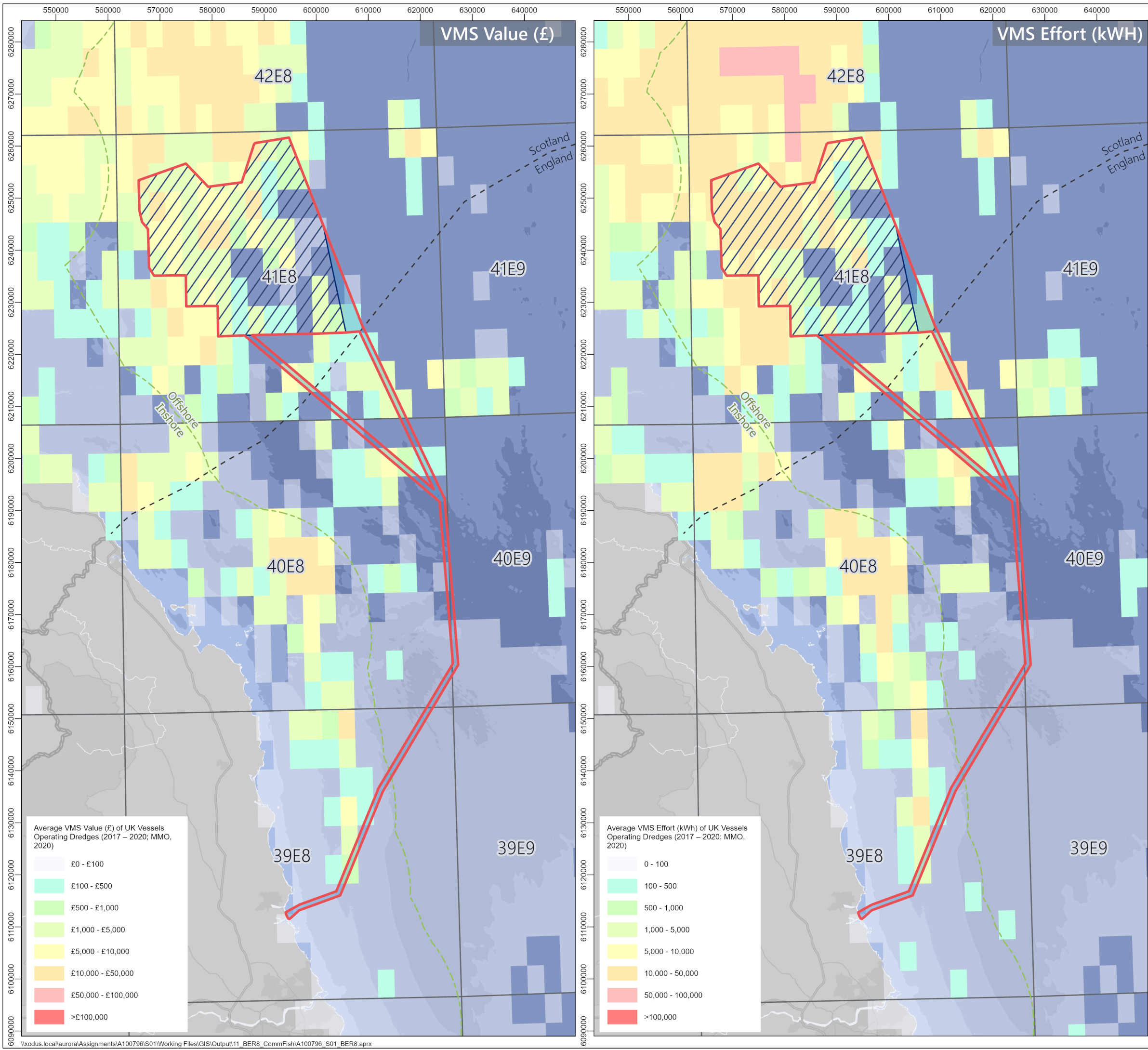
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Title
**Figure 12.9 Creel Fishing Effort Study
(Marine Scotland Science, 2017)**



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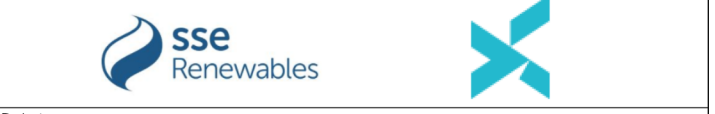
- Marine Scheme Boundary
- Berwick Bank Wind Farm Array Area
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- ICES Rectangle
- UK 12 Nautical Mile Limit
- Scotland/England Territorial Waters

Bathymetry (m)

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

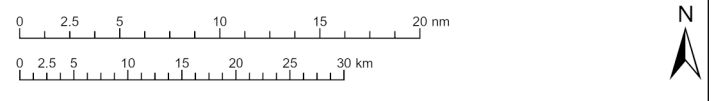
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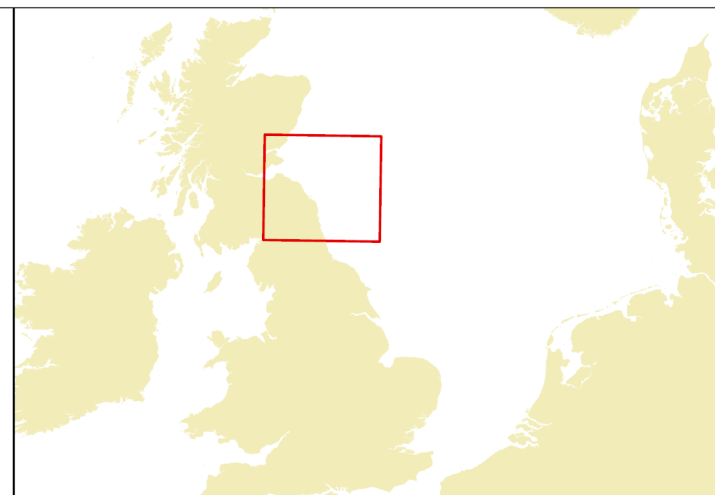
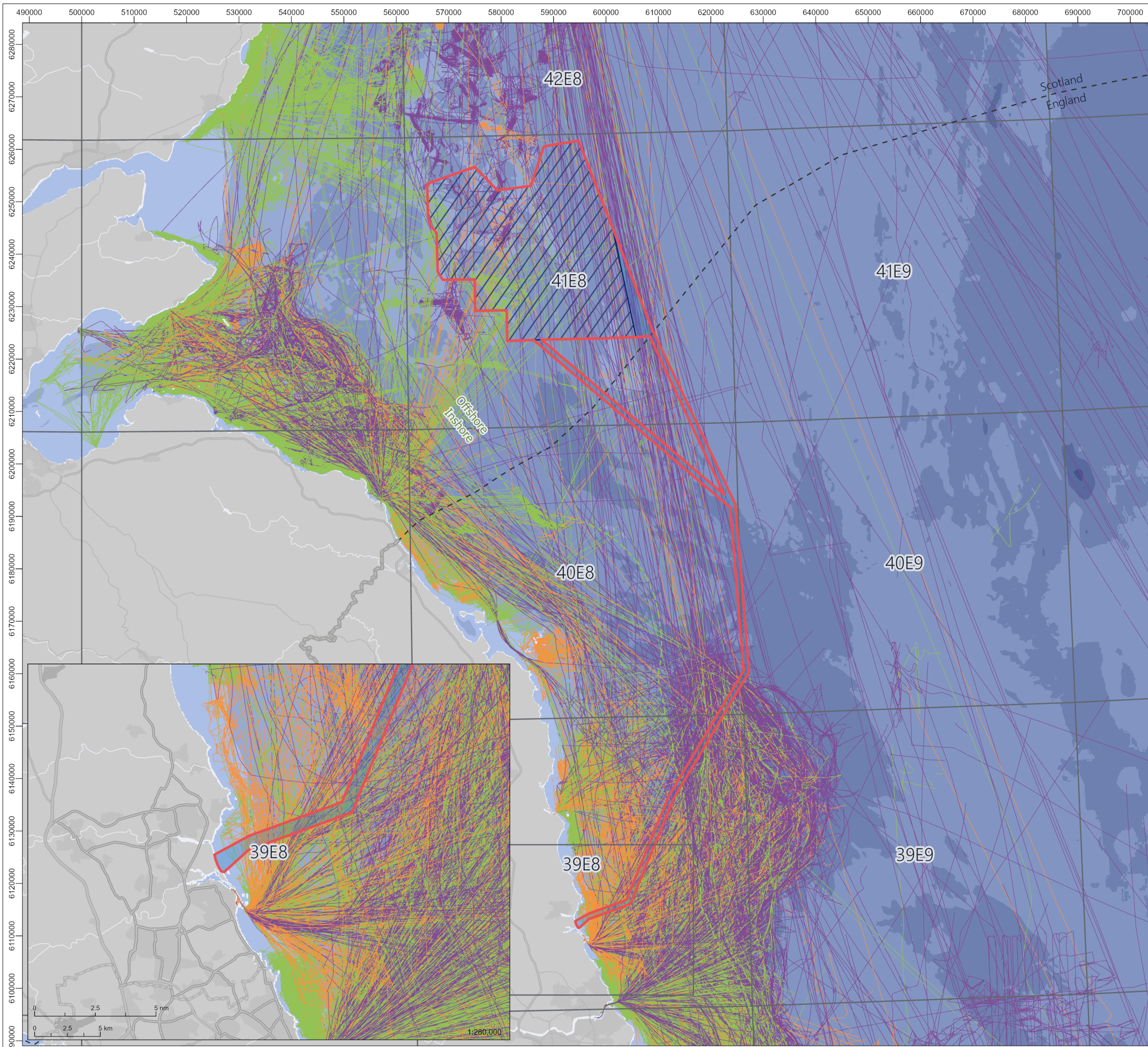
Project
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Title
Figure 12.10 Average VMS Value (£) and Effort (kWh) of UK Vessels Operating Dredges (2017 - 2020) (MMO, 2020)



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Drawing Number	Sheet No.		
A100796_S01_BER8_10	001 OF 001		



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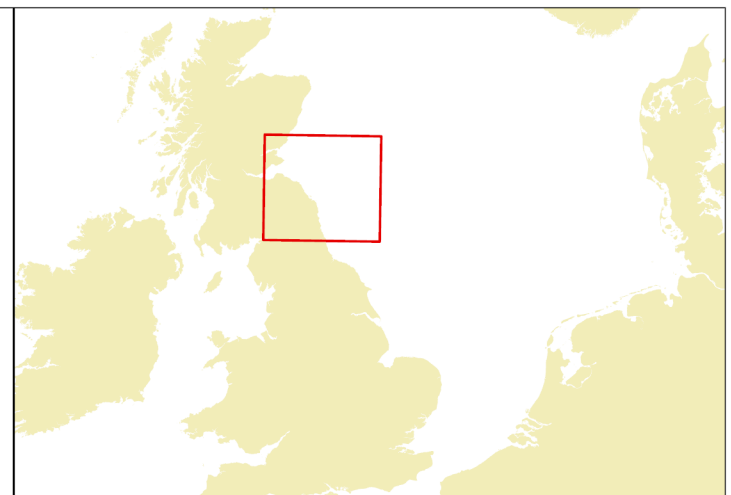
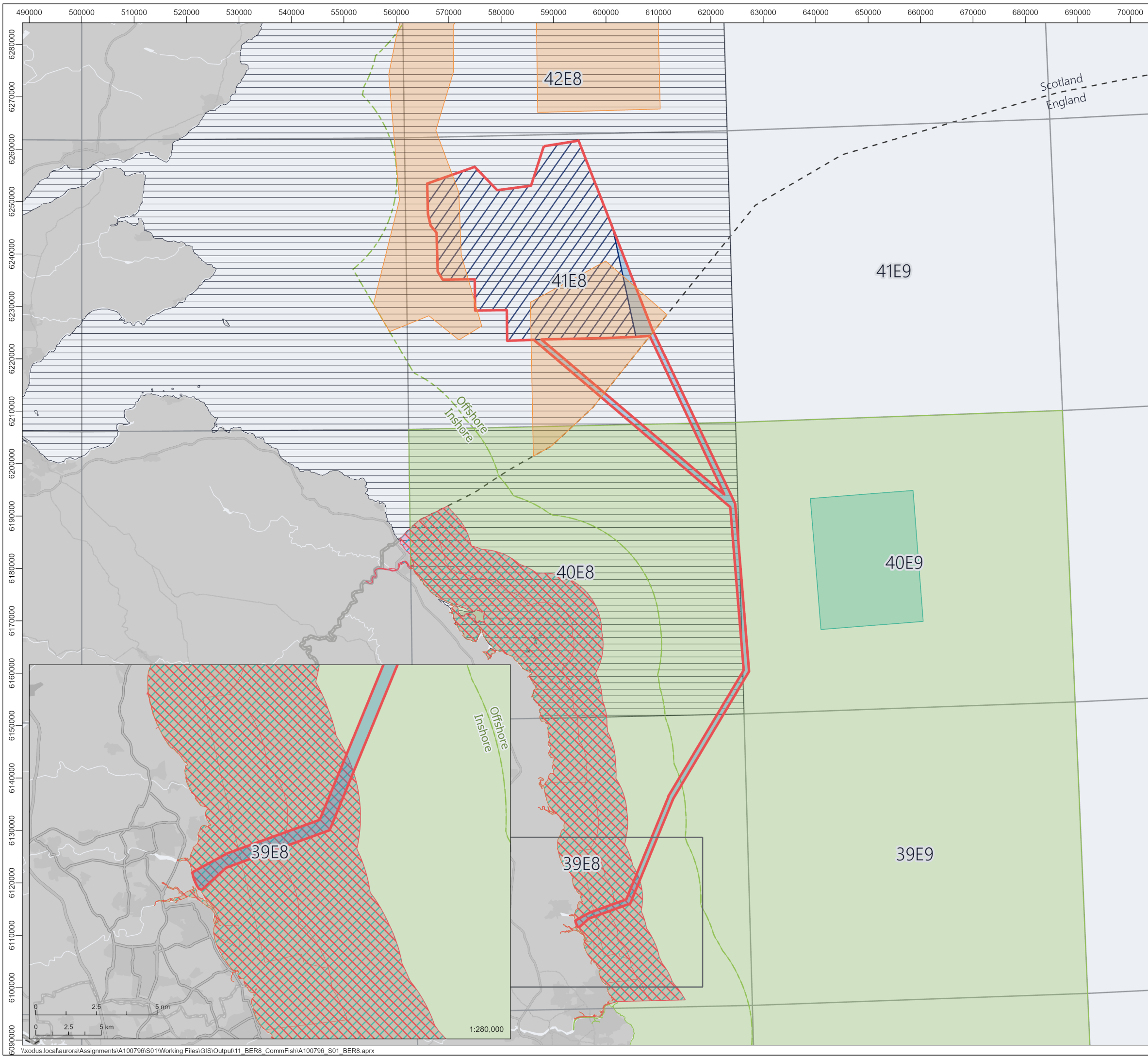
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Title: **Figure 12.11 AIS Fishing Tracks (MMO, 2019)**

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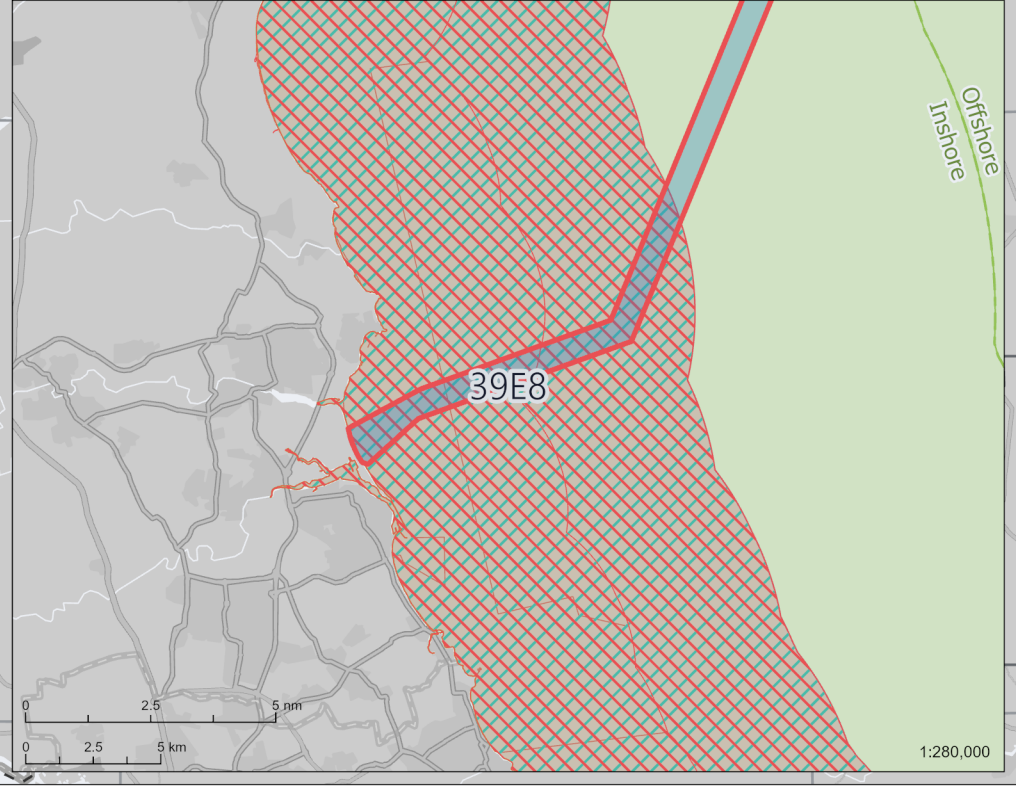
- Marine Scheme Boundary
- Berwick Bank Wind Farm Array Area
- Marine Scheme Offshore Export Cable Corridor
- ICES rectangle
- UK 12 Nautical Mile Limit
- Scotland/England Territorial Waters
- North East of Farnes Deep HMPA
- Firth of Forth Banks Complex NCMPA

Fishing Restricted Area

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

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04	-	-	-	-	-
03	-	-	-	-	-
02	06/07/2023	Revised	TF	JG	EW
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Title: **Figure 12.12 Fishing Restricted Areas (Seafish, 2023)**

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