

- Legend:
- Bellrock Wind Farm Development Area
 - Fish and Shellfish Ecology Study Area
 - Northern North Sea Study Area

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
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Scale @ A3			1:3,500,000		

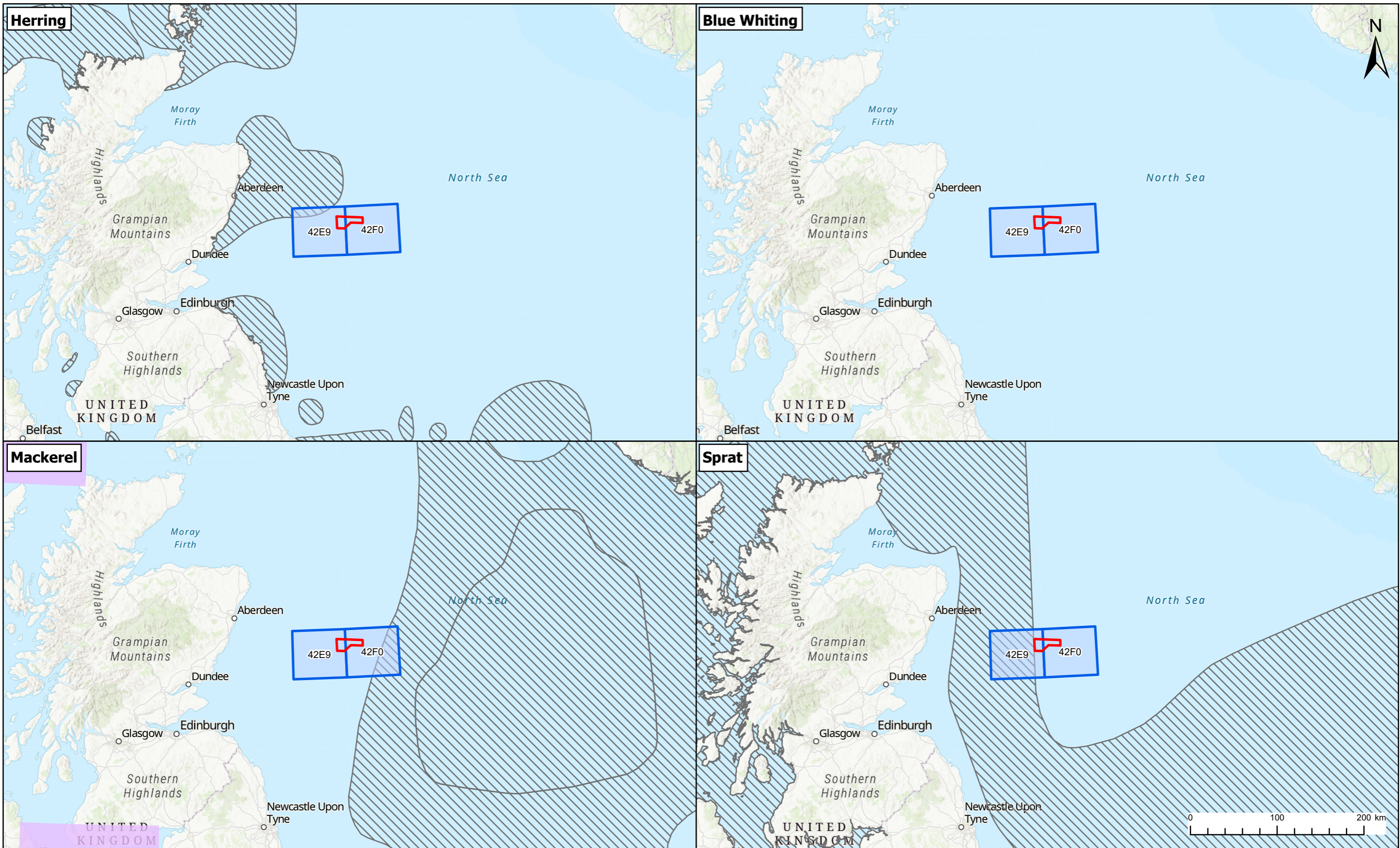
Figure Title: **Fish and Shellfish Ecology Study Area and the Fish and Shellfish Northern North Sea Study Area**

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_027

Figure 8.1



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- Spawning Grounds (Coull et al 1998)

Spawning Grounds (Ellis et al 2010)

Intensity

- Low

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:4,000,000		

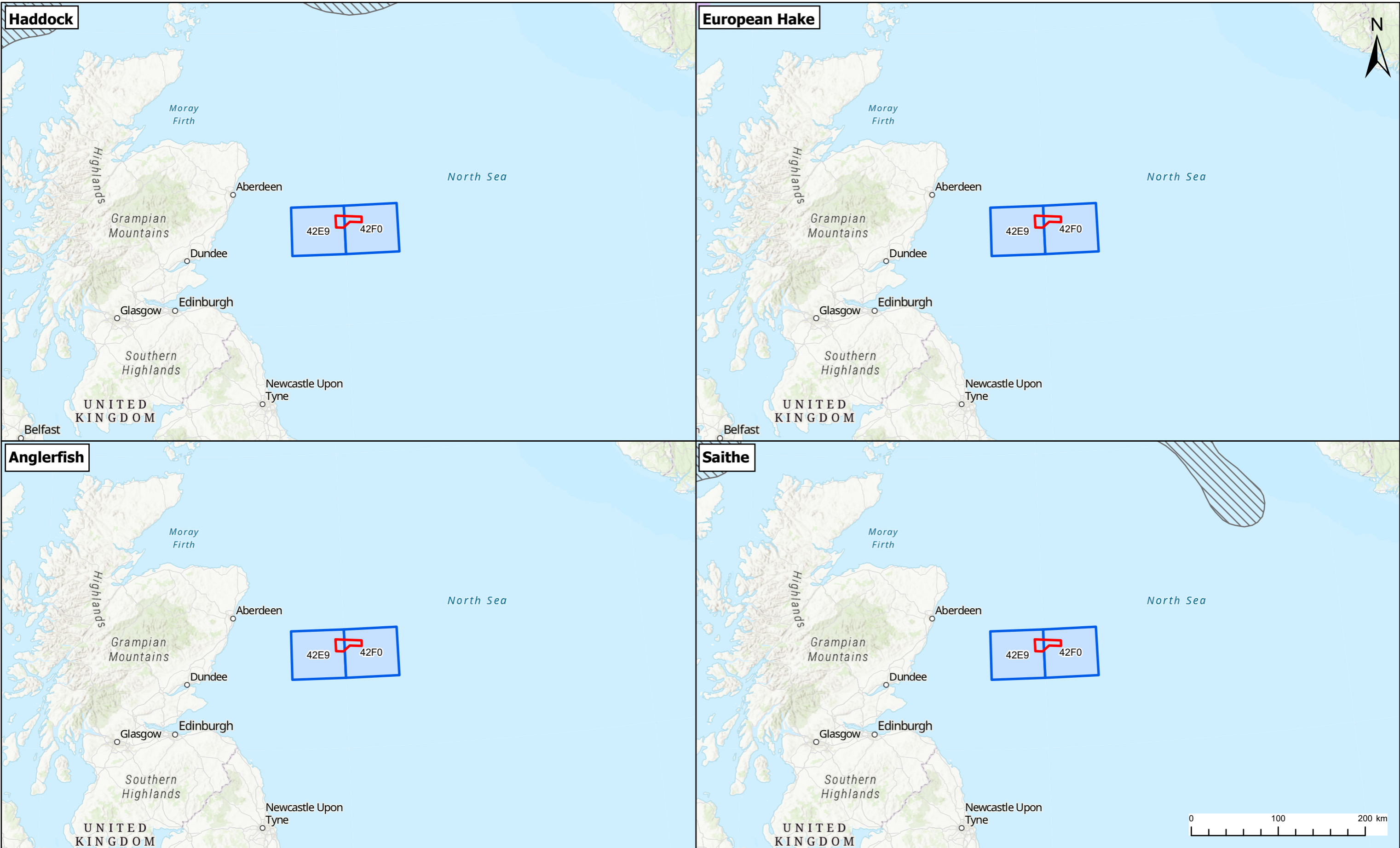
Figure Title:
Spawning Grounds for Pelagic Species

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_028

Figure 8.2

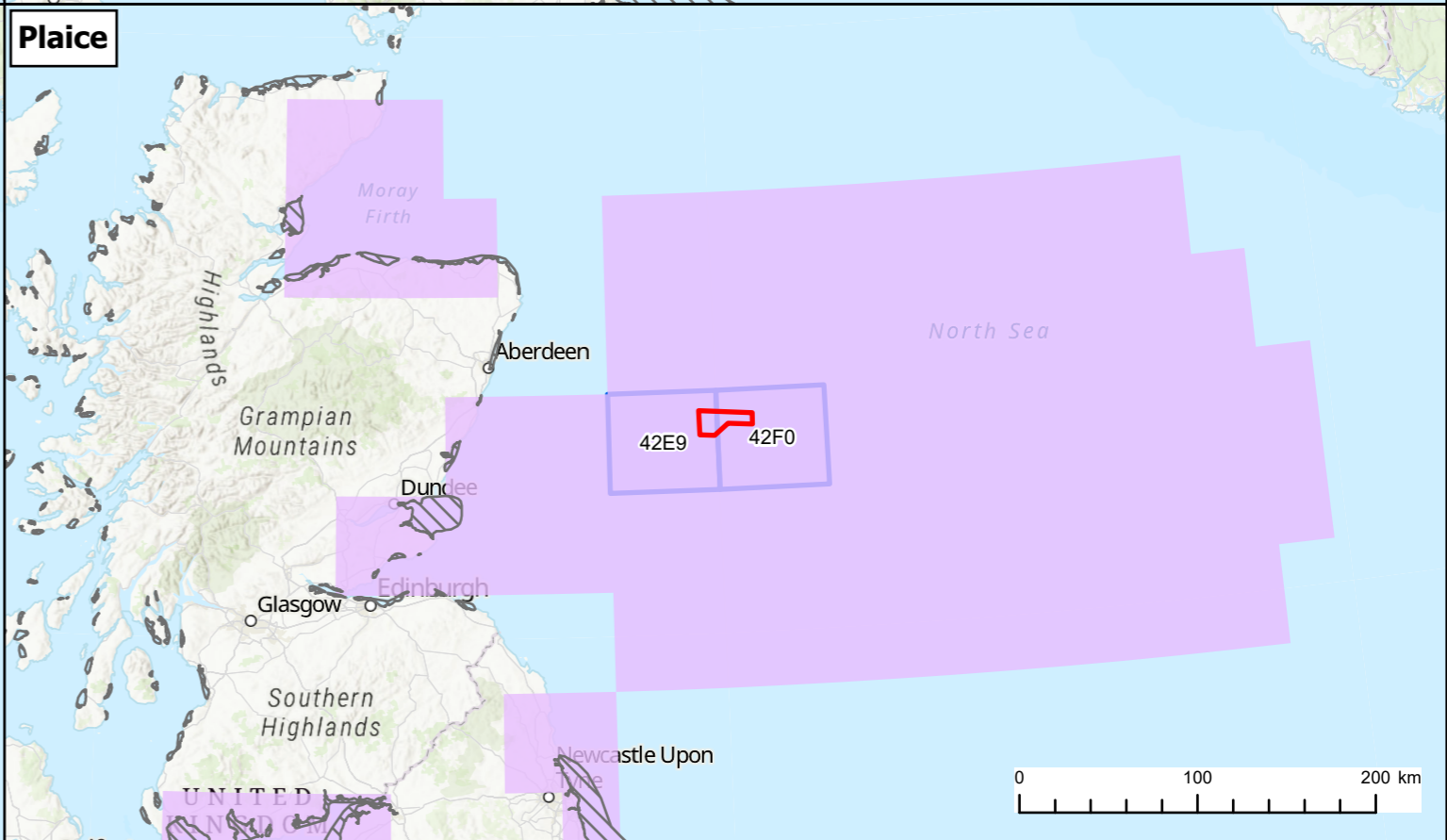
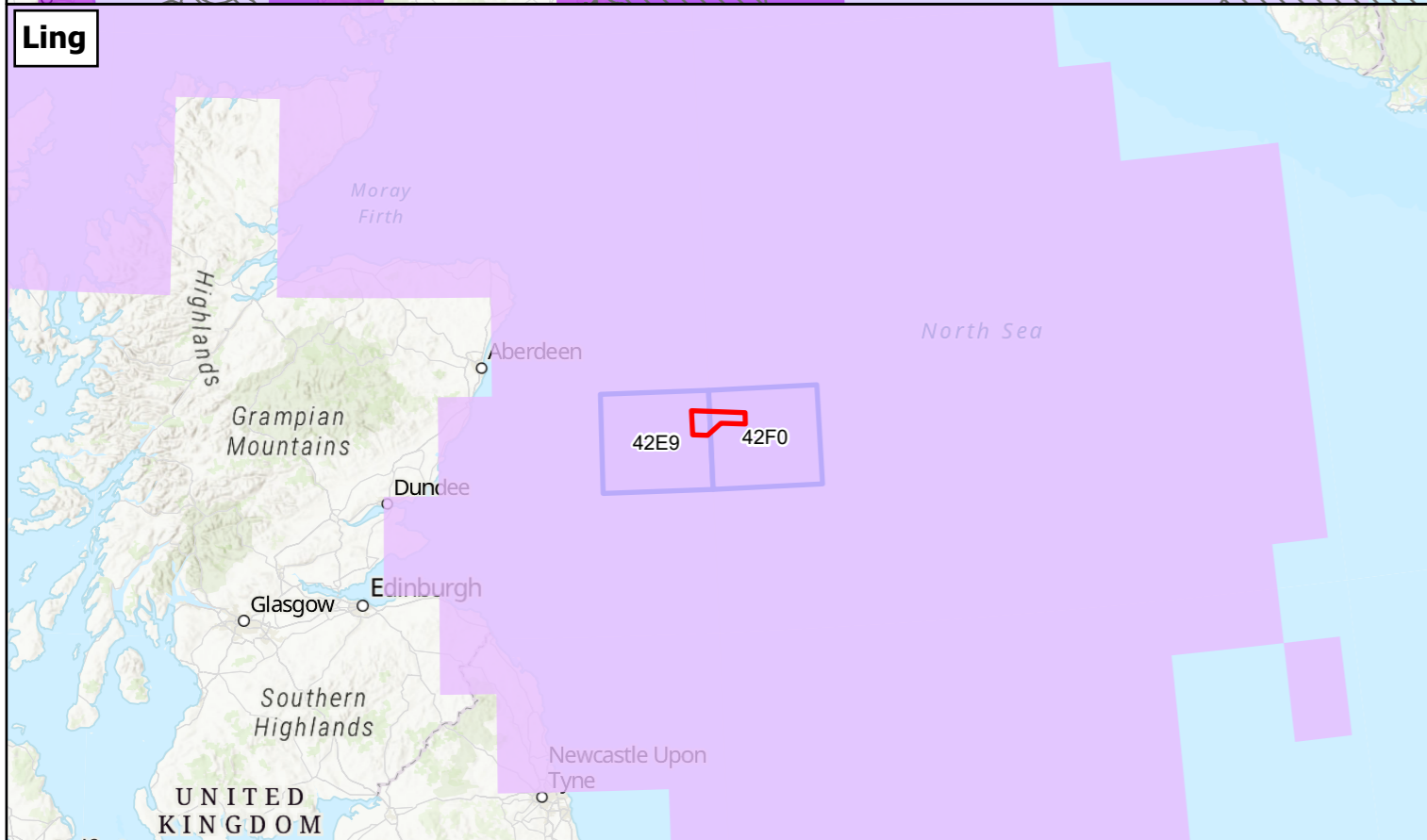
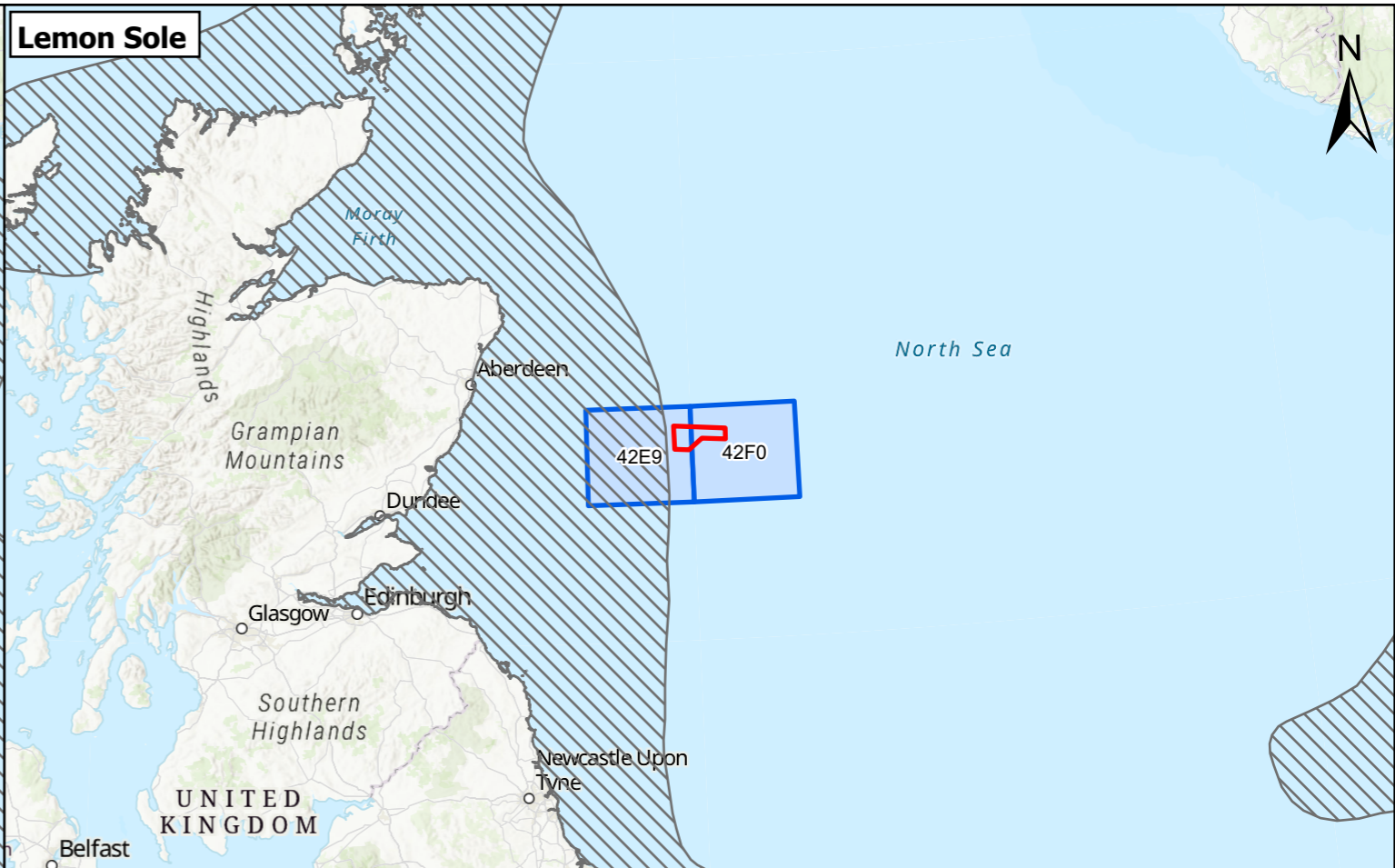
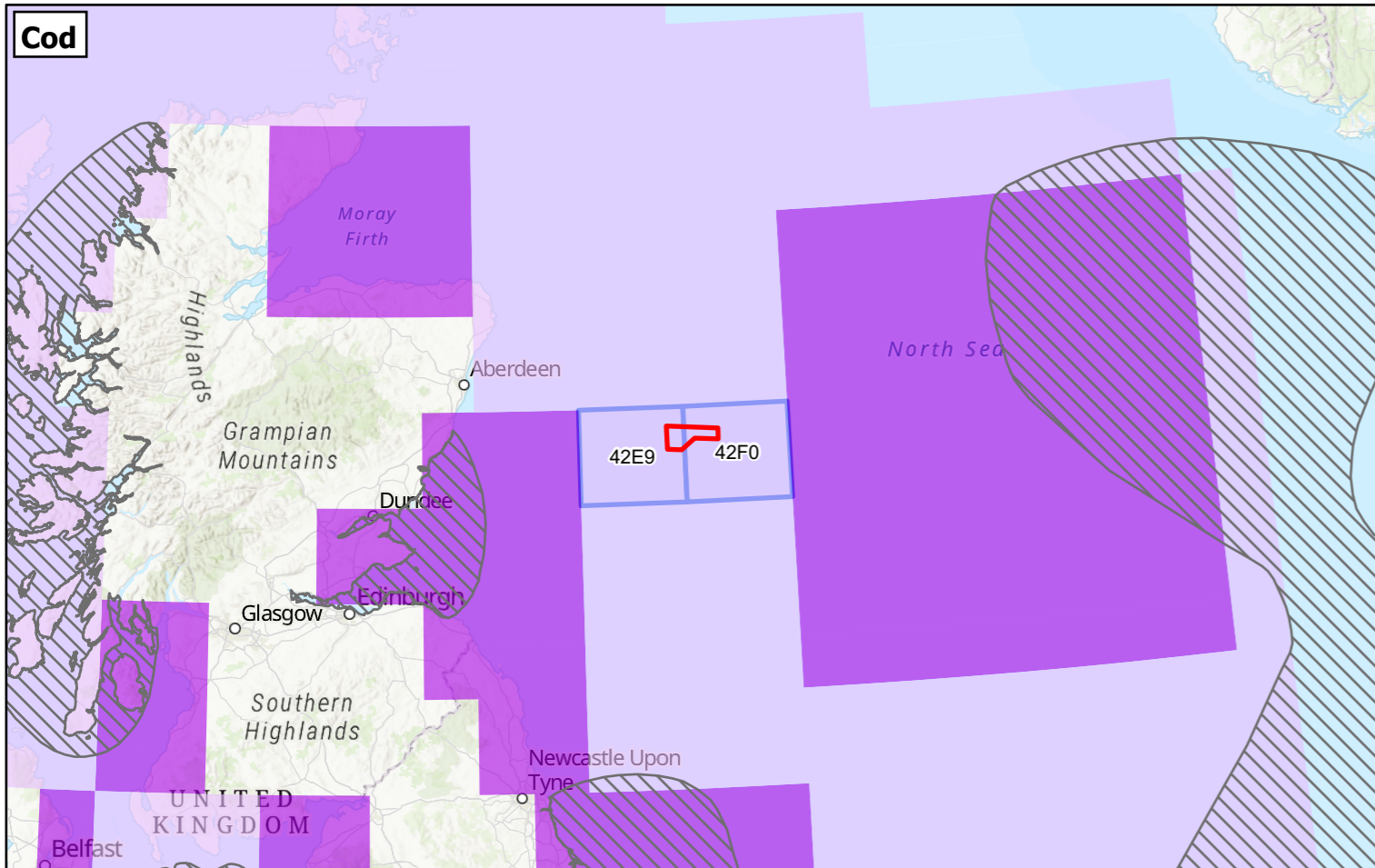


Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- Spawning Grounds (Coull et al 1998)

1	31/03/2026	Final	DL	SA	BMcG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:4,000,000		

Figure Title: Spawning Grounds for Demersal Species	
Project: Bellrock Wind Farm Development Area (WFDA)	Report: EIA Report Chapter 8: Fish and Shellfish Ecology
Drawing No.: RHDV_BEL_CST_REP_0003_029	Figure 8.3a



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area

Nursery Grounds (Ellis et al 2010)

Intensity

- High
- Low
- Nursery Grounds (Coull et al 1998)

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:4,000,000		

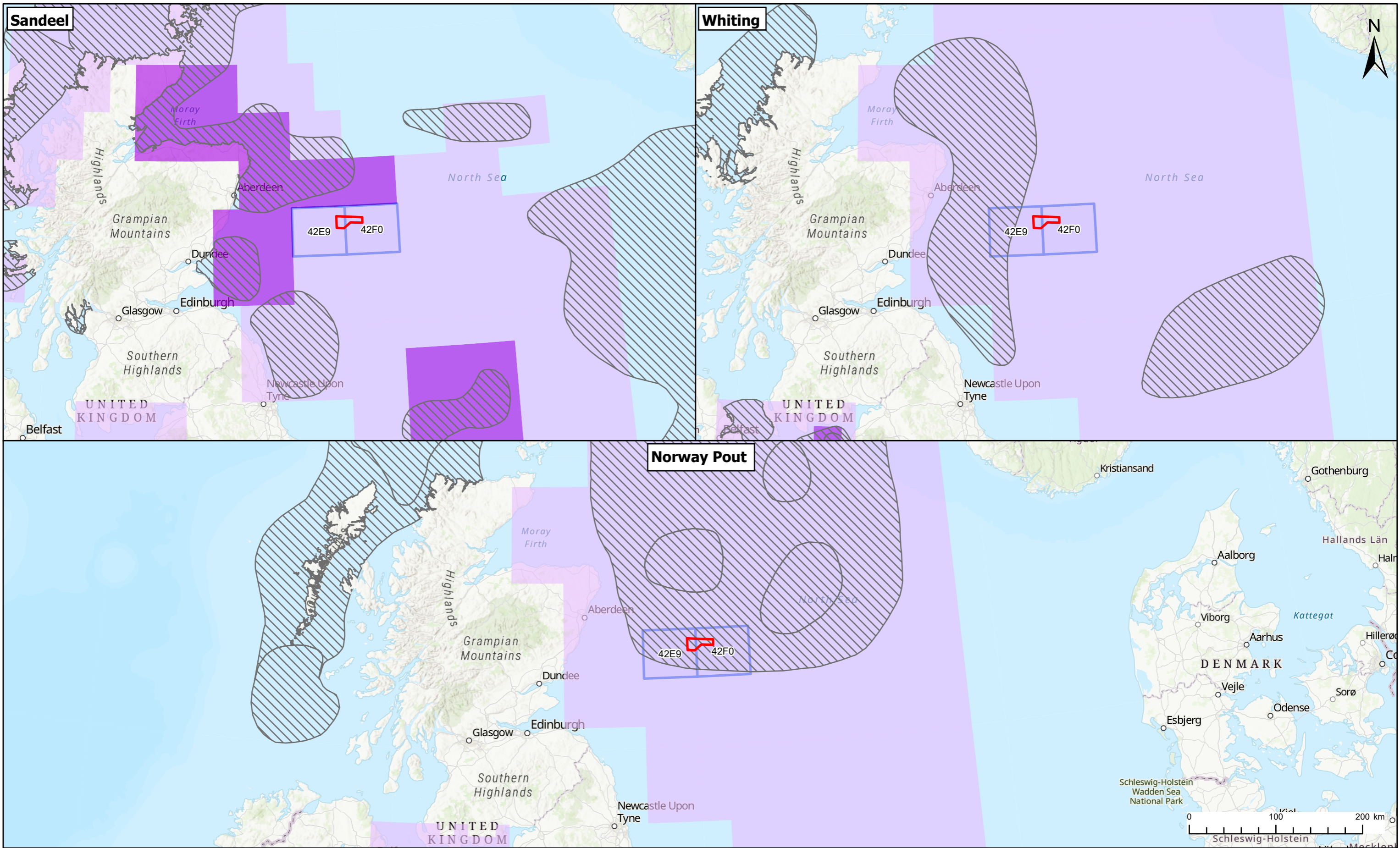
Figure Title:
Spawning Grounds for Demersal Species

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_065

Figure 8.3b



Sandeel

Whiting

Norway Pout



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- Spawning Grounds (Coull et al 1998)

Spawning Grounds (Ellis et al 2010)

Intensity

- High
- Low

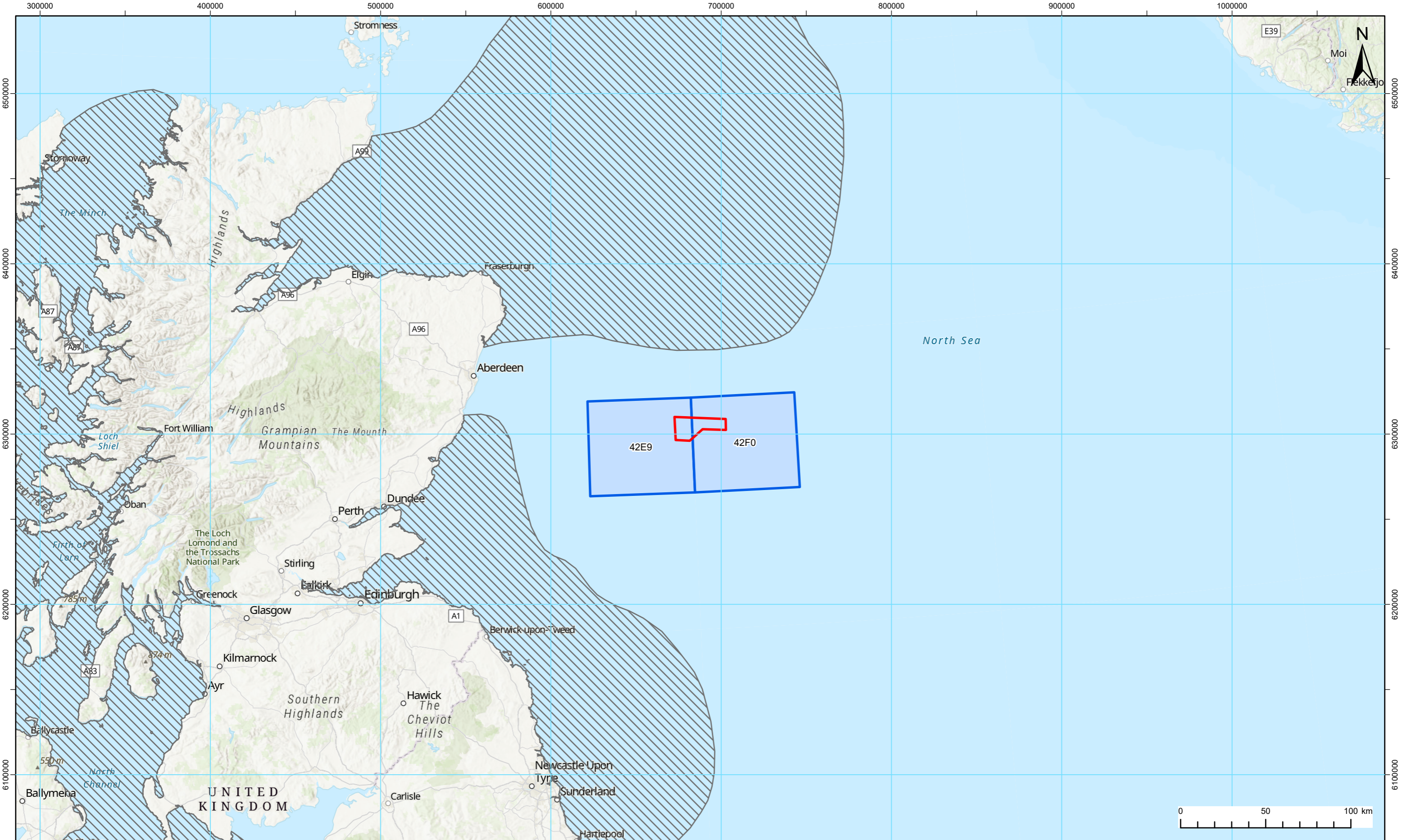
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REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:4,000,000		

Figure Title:
Spawning Grounds for Demersal Species

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_075 **Figure 8.3c**



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- Spawning Grounds (Coull et al 1998)

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:2,000,000		

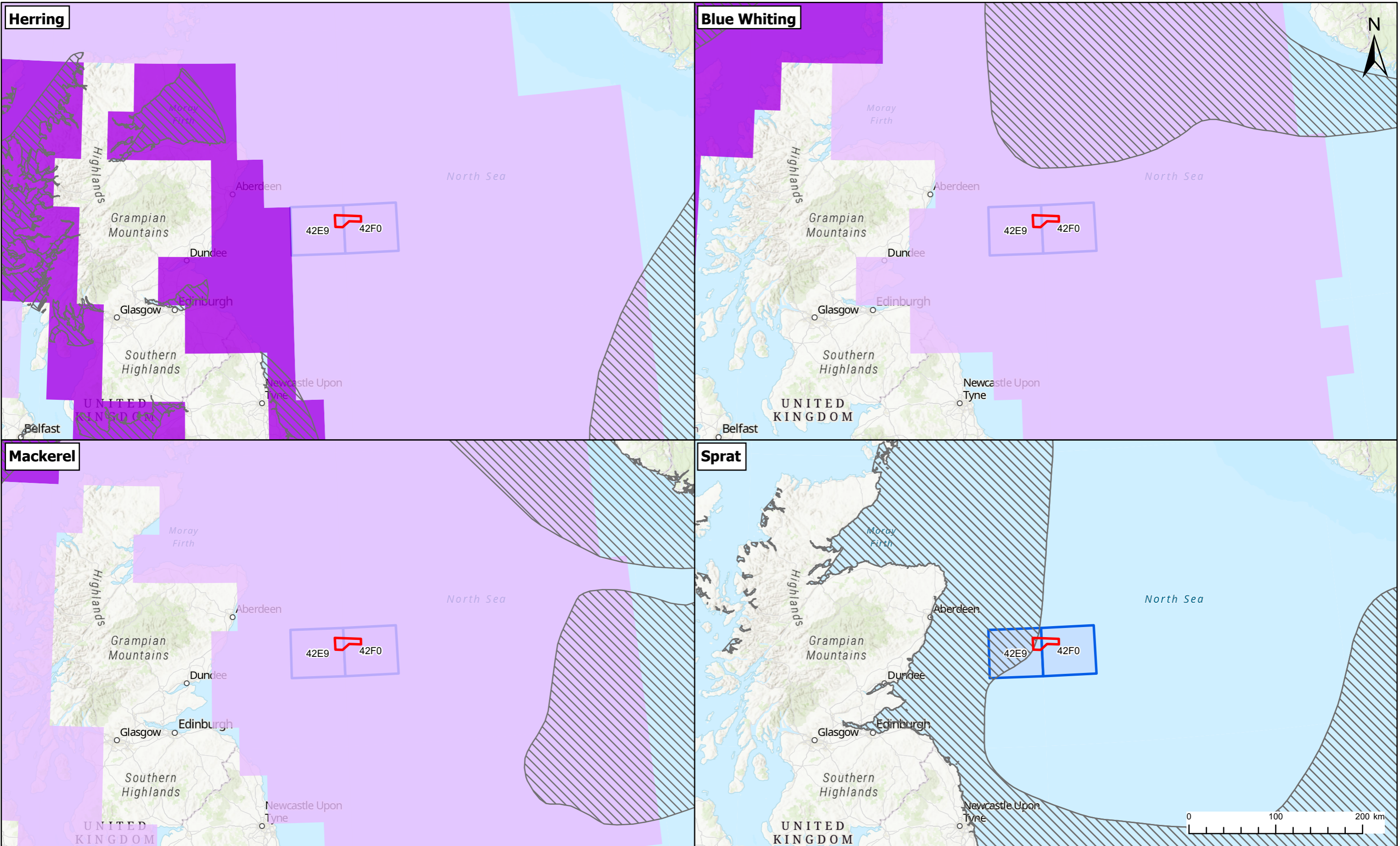
Figure Title:
Spawning Grounds for Crustaceans (Nephrops)

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_030

Figure 8.4



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- Nursery Grounds (Coull et al 1998)

Nursery Grounds (Ellis et al 2010)

Intensity

- High
- Low

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:4,000,000		

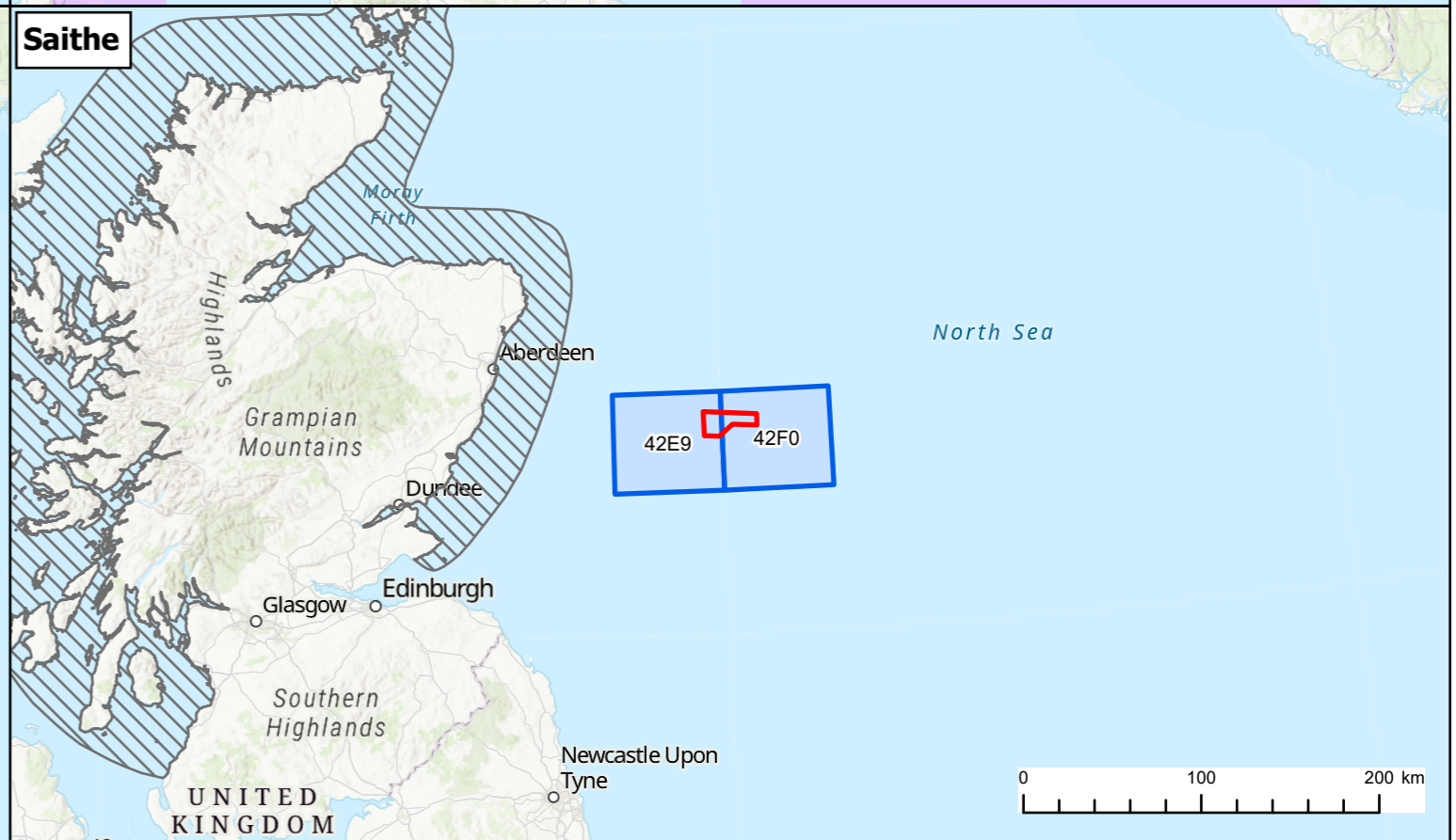
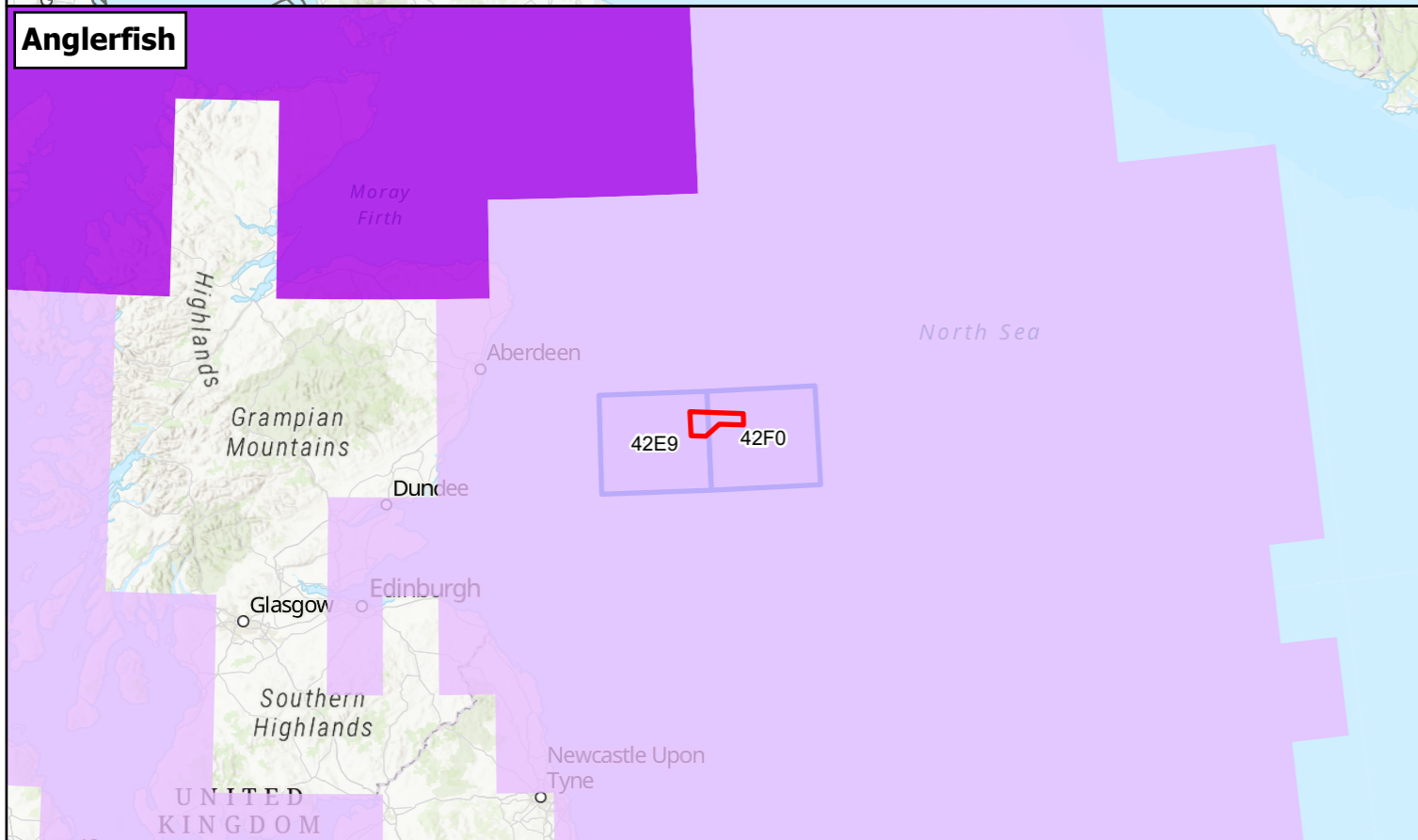
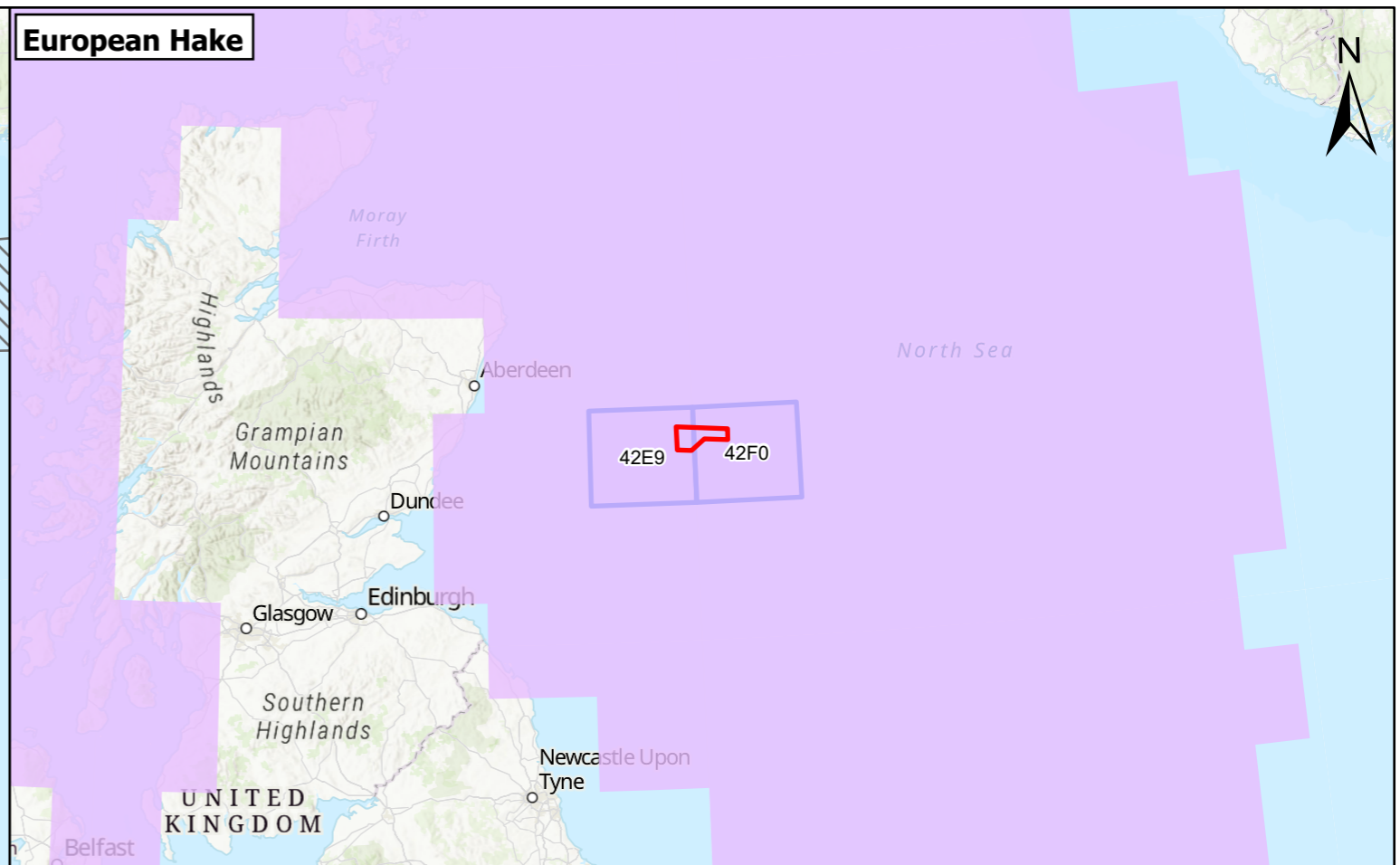
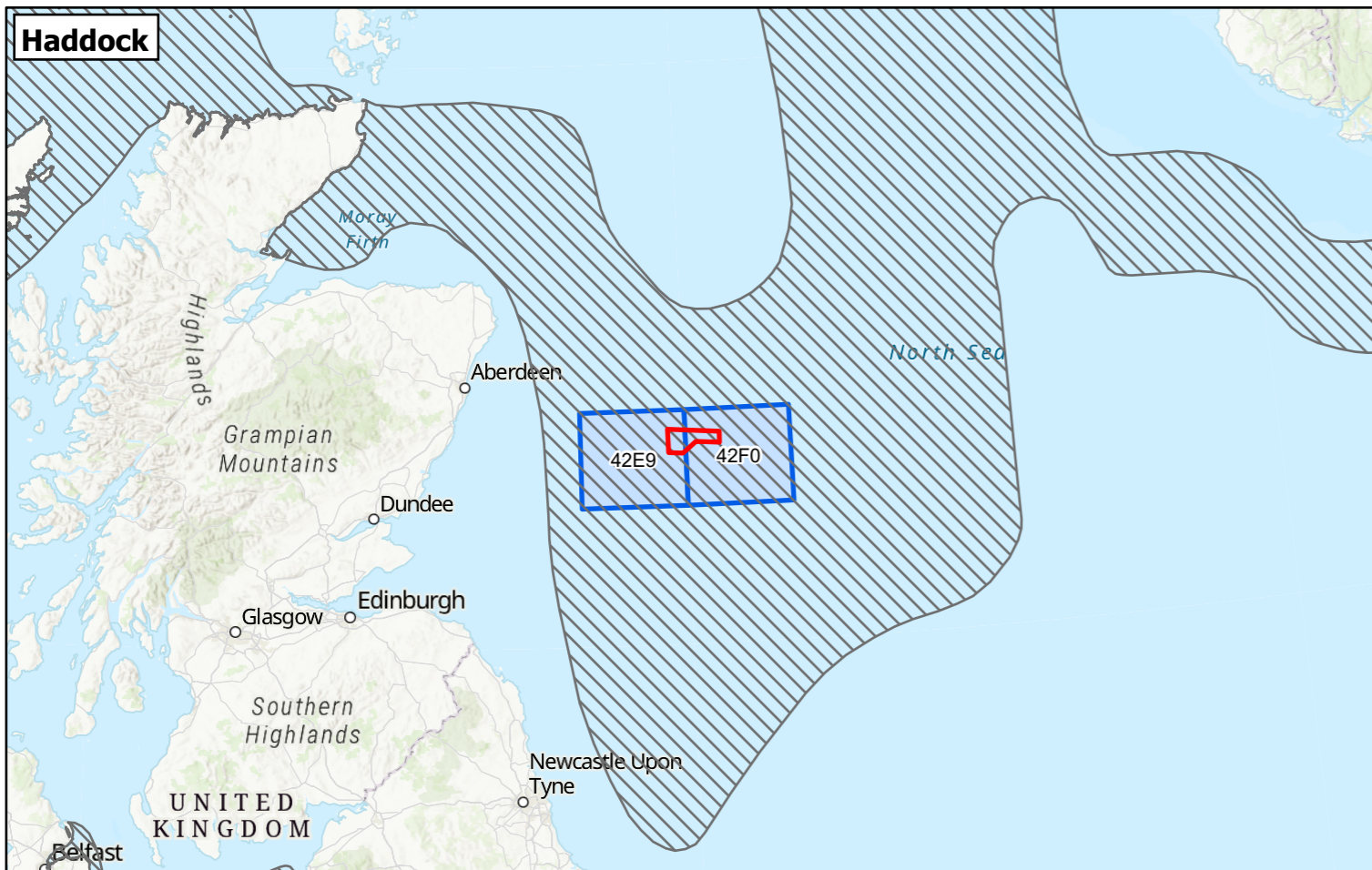
Figure Title:
Nursery Grounds for Pelagic Species

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_031

Figure 8.5



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- Nursery Grounds (Coull et al 1998)

Nursery Grounds (Ellis et al 2010)

Intensity

- High
- Low

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:4,000,000		

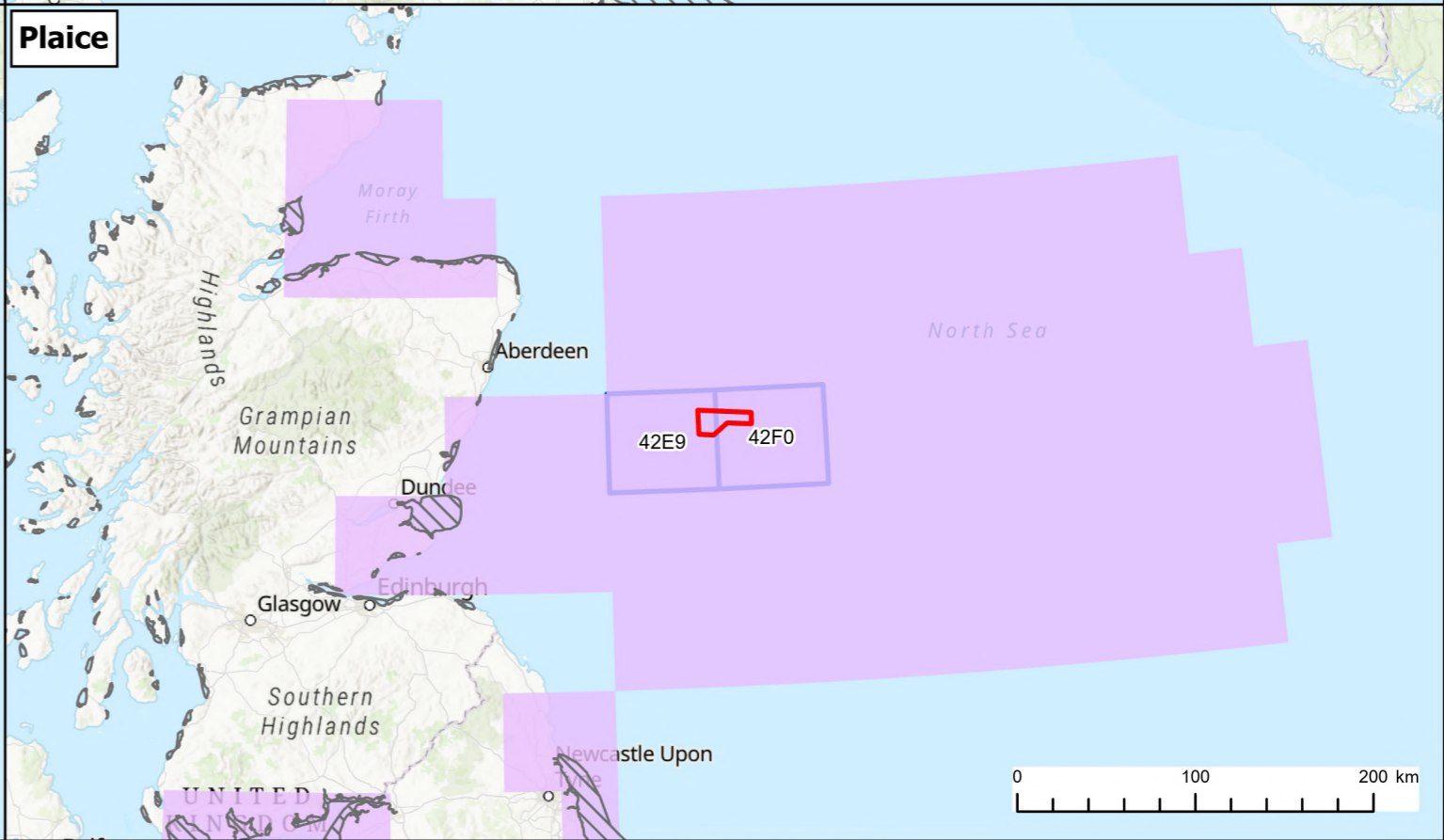
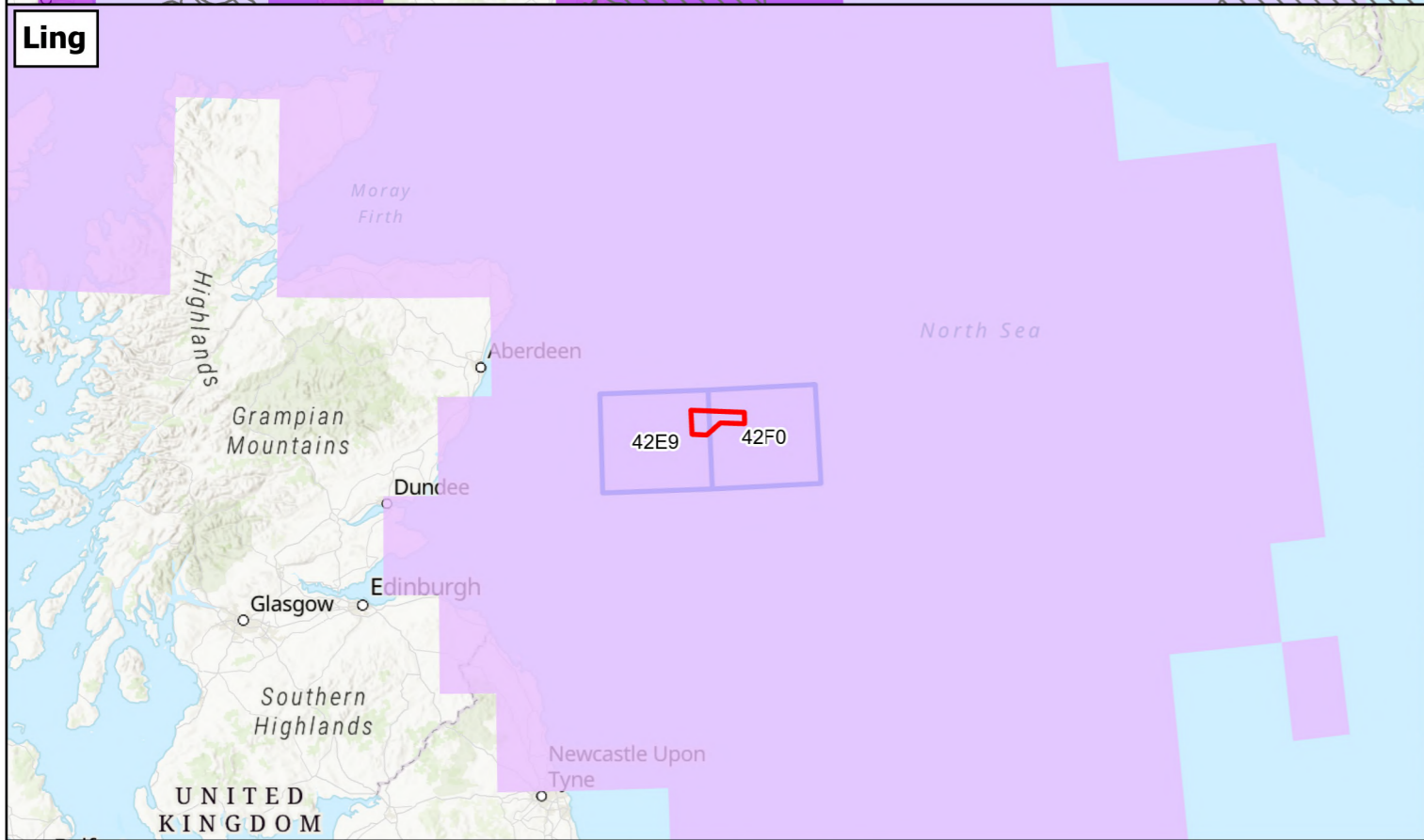
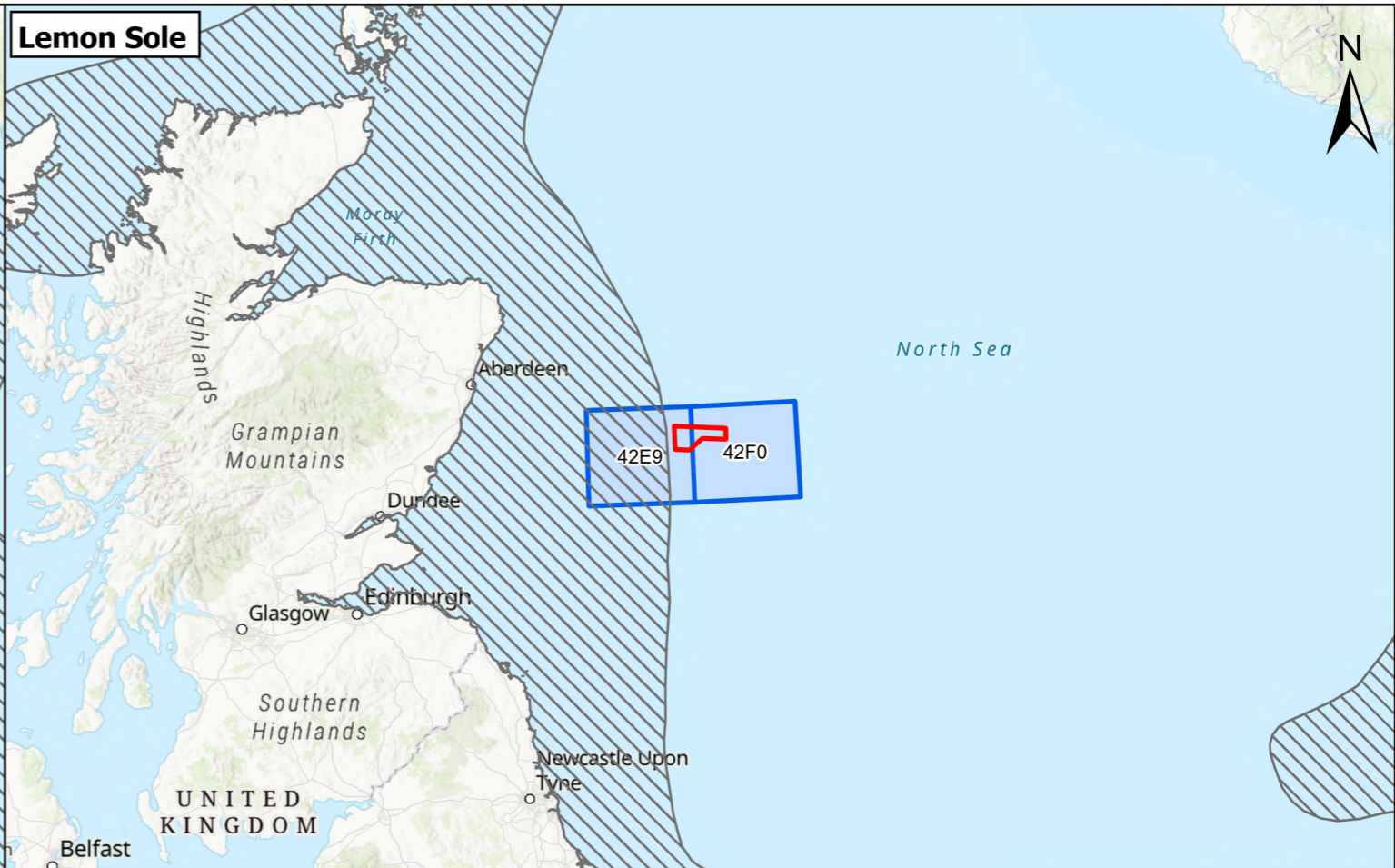
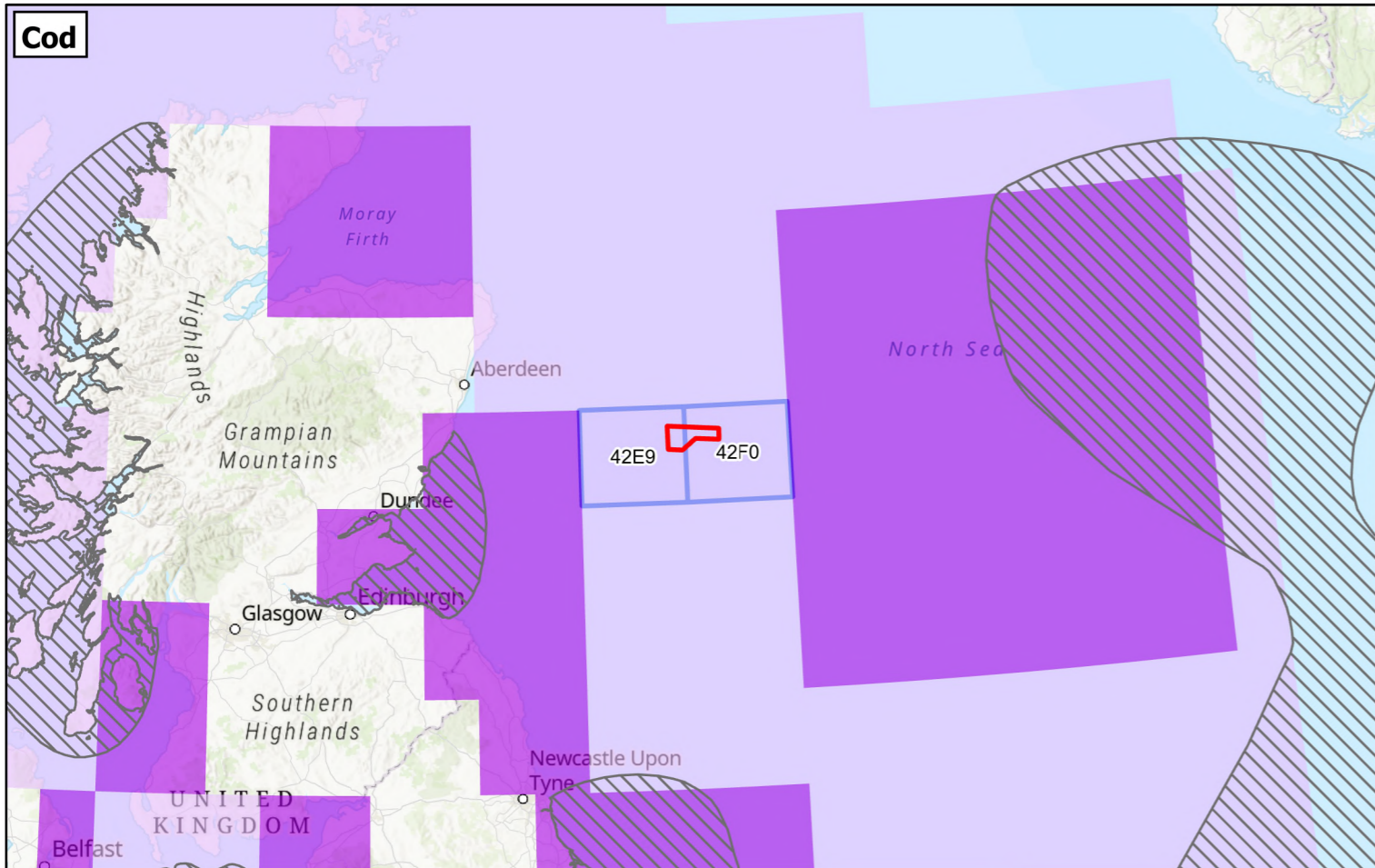
Figure Title:
Nursery Grounds for Demersal Species

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_032

Figure 8.6a



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- Nursery Grounds (Coull et al 1998)

Nursery Grounds (Ellis et al 2010)

Intensity

- High
- Low

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
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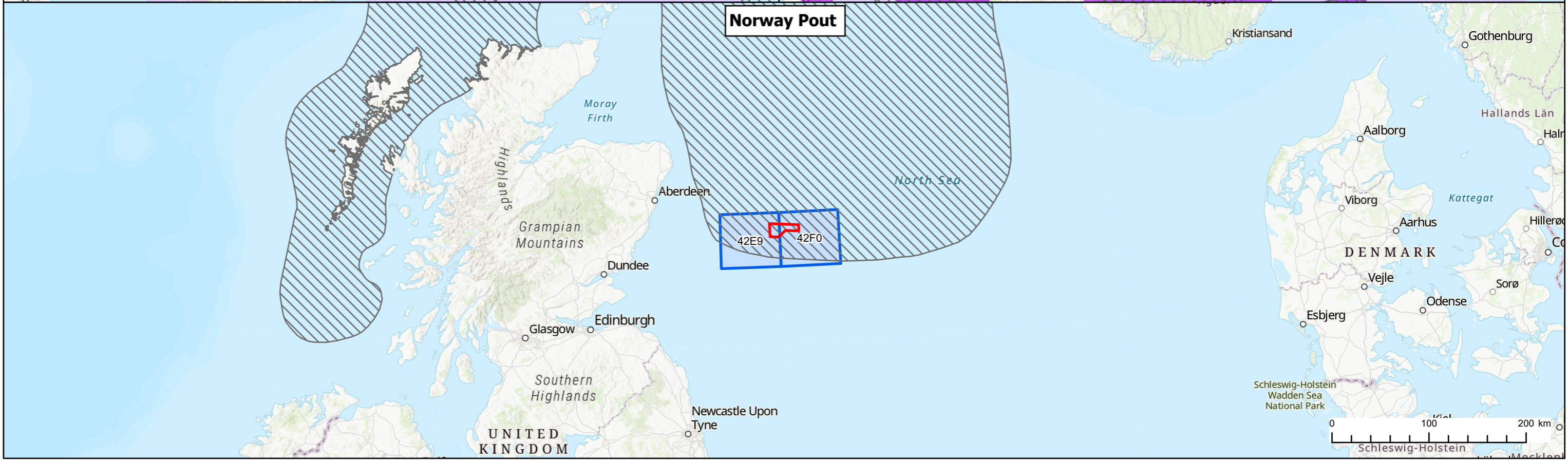
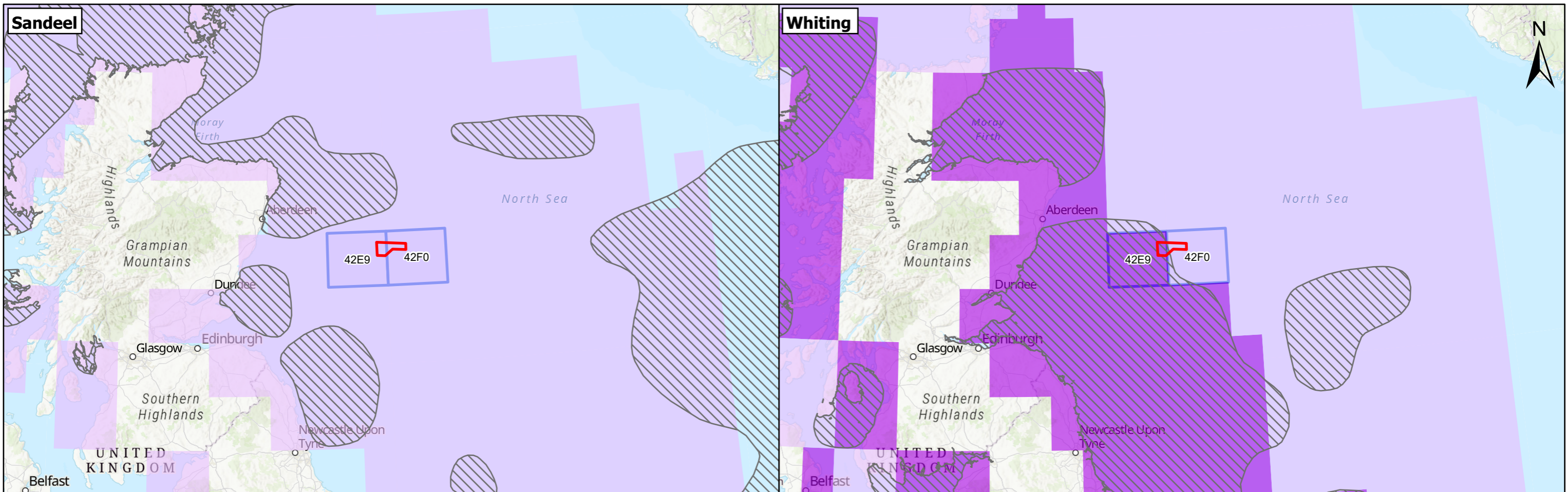
Figure Title:
Nursery Grounds for Demersal Species

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_082

Figure 8.6b



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- Nursery Grounds (Coull et al 1998)

Nursery Grounds (Ellis et al 2010)

Intensity

- High
- Low

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
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			1:4,000,000		

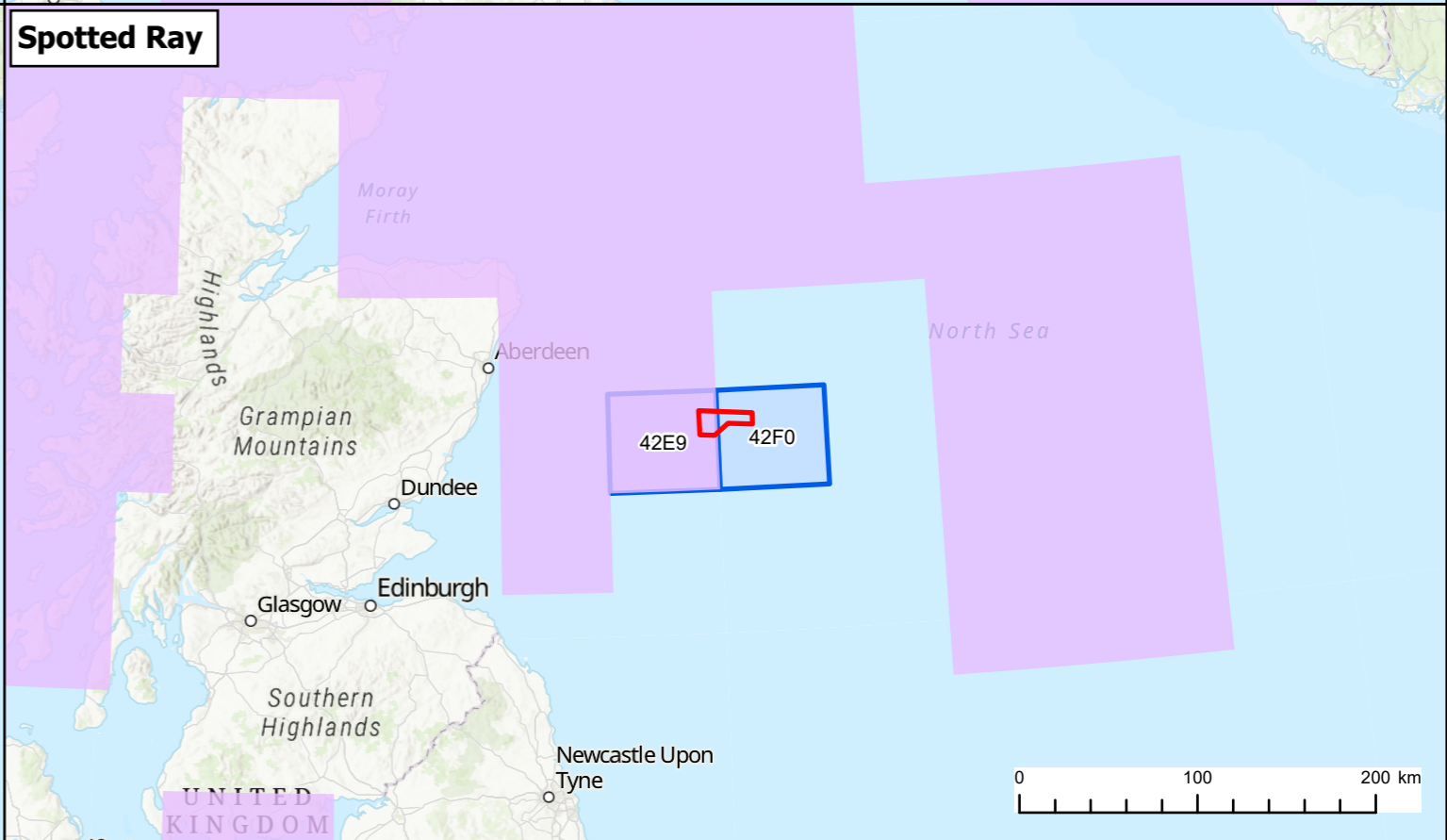
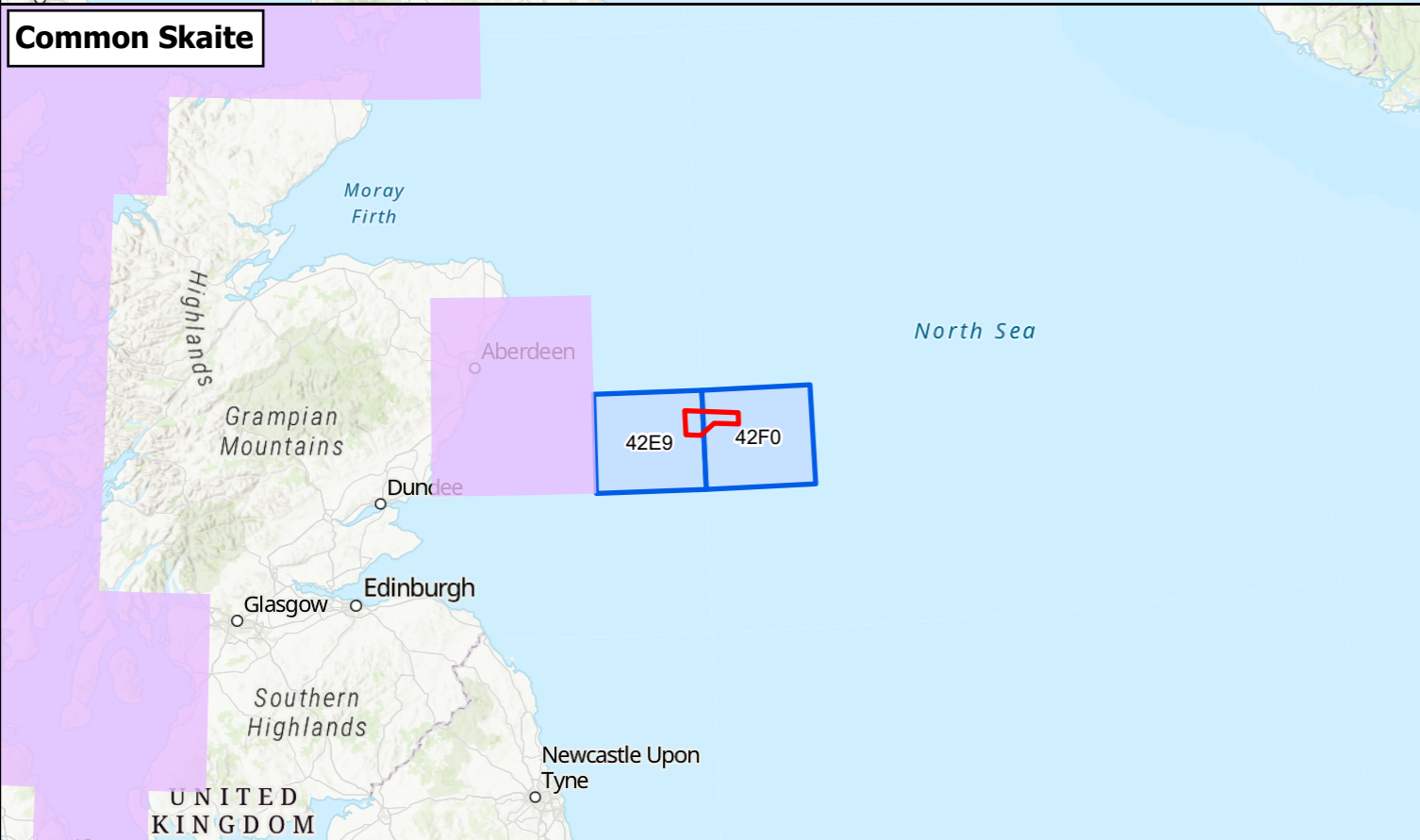
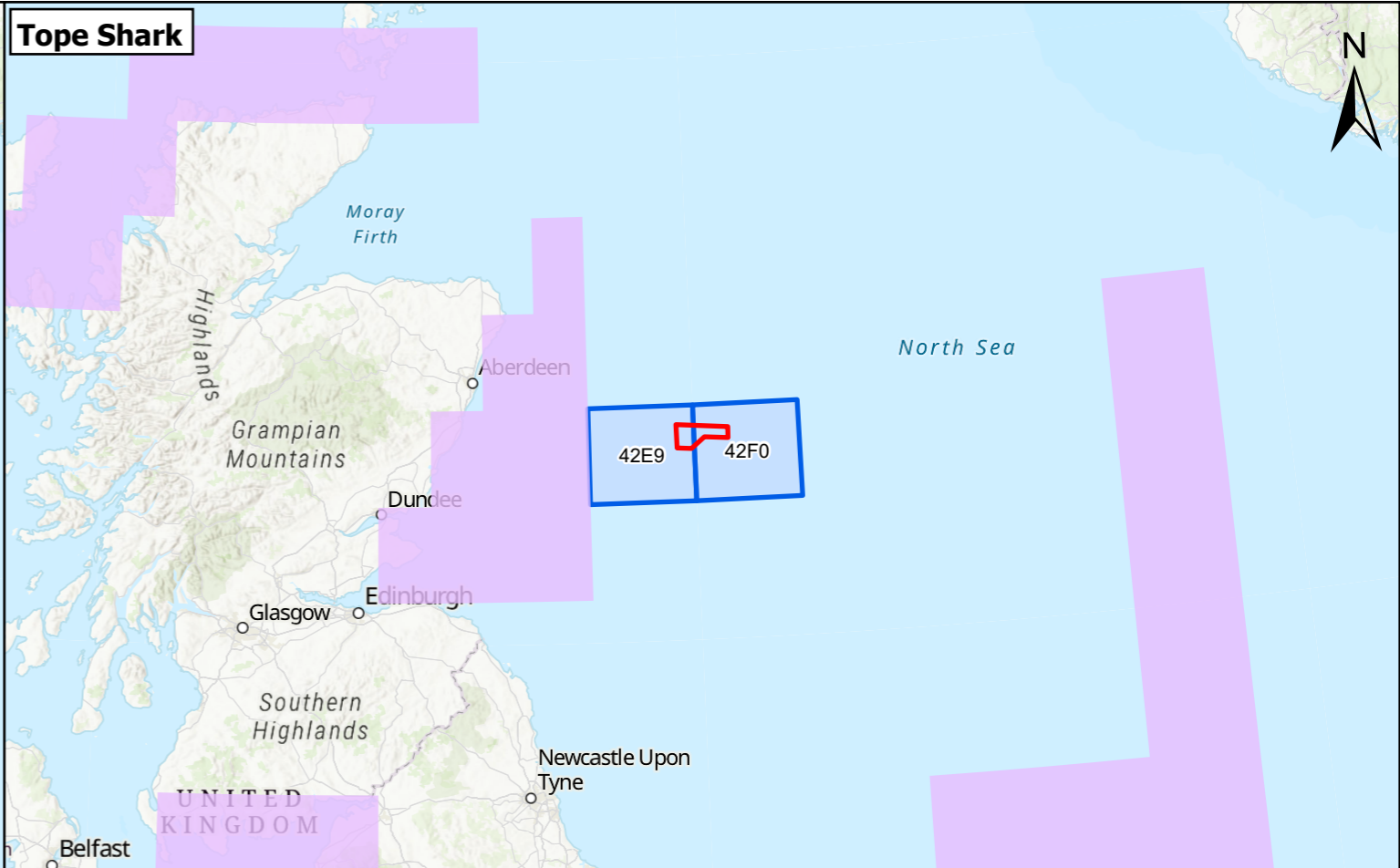
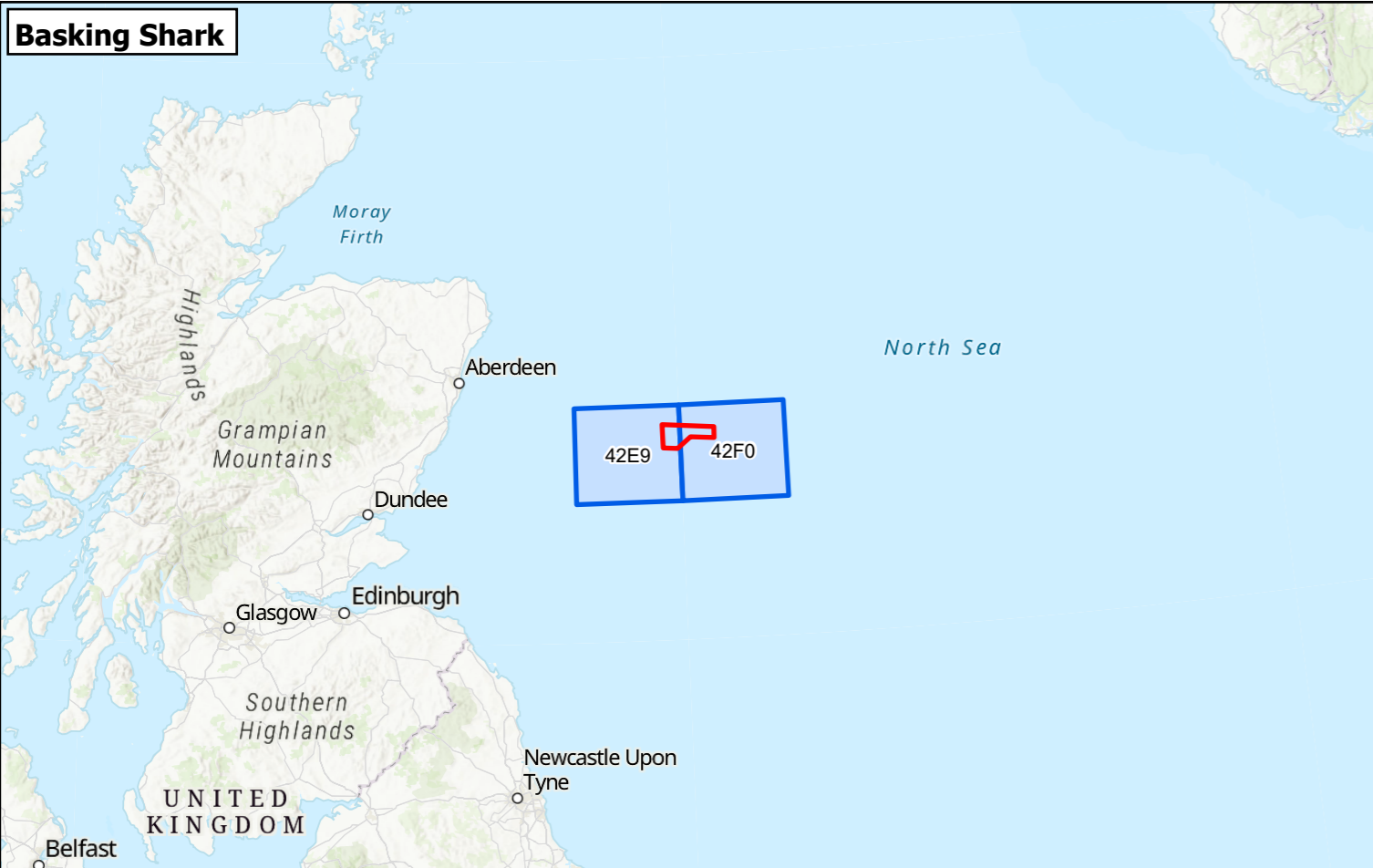
Figure Title:
Nursery Grounds for Demersal Species

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_076

Figure 8.6c



Legend:
 Bellrock Wind Farm Development Area
 Fish and Shellfish Ecology Study Area

Nursery Grounds (Ellis et al 2010)

Intensity
 Low

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:20,000,000		

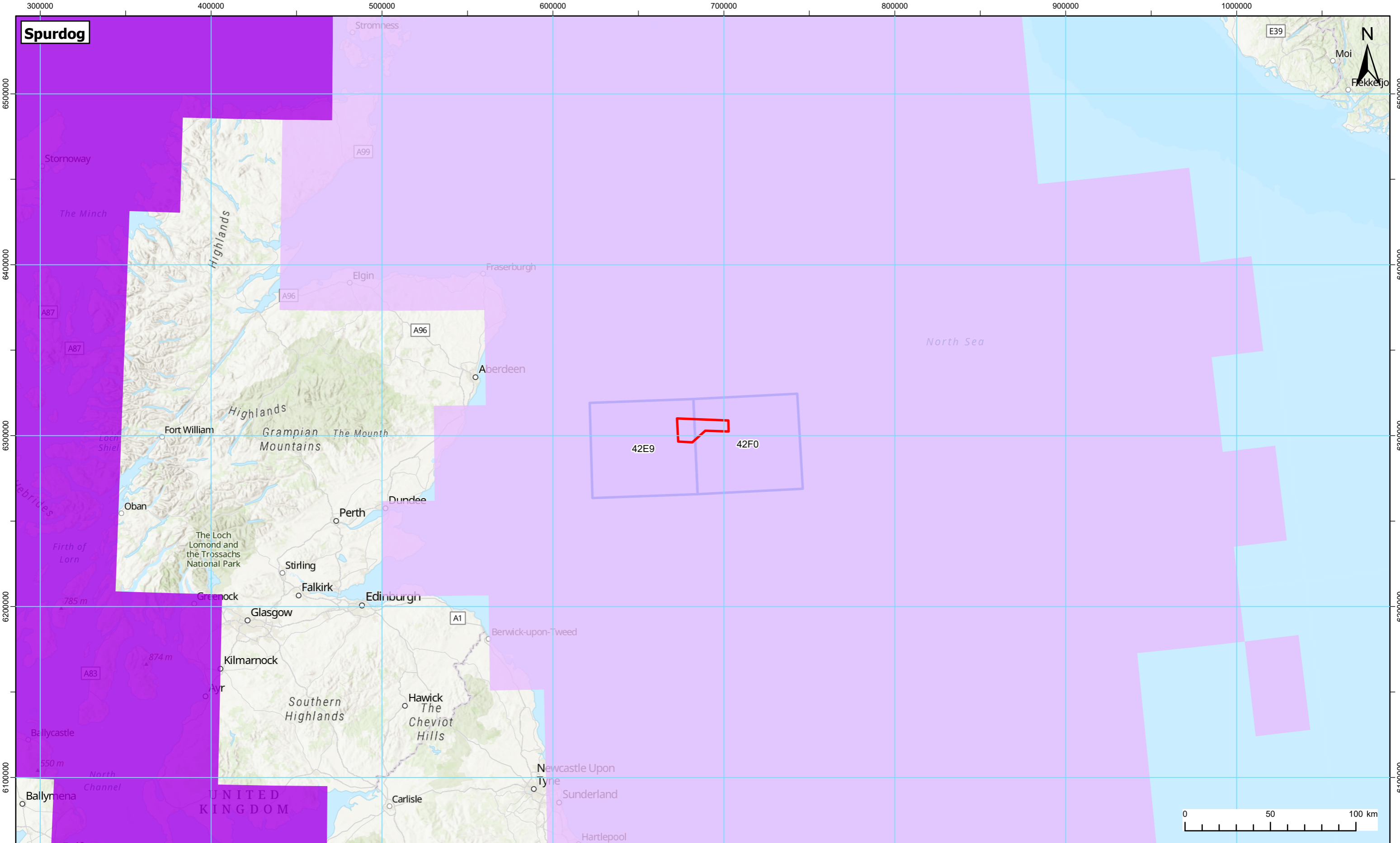
Figure Title:
Nursery Grounds for Elasmobranch

Project: Bellrock Wind Farm Development Area (WFDA)

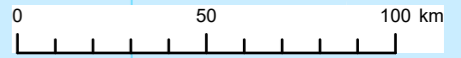
Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_033

Figure 8.7a



Spurdog



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area

Nursery Grounds (Ellis et al 2010)

Intensity

- High
- Low

1	31/03/2026	Final	DL	SA	BMcG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:2,000,000		

Figure Title:

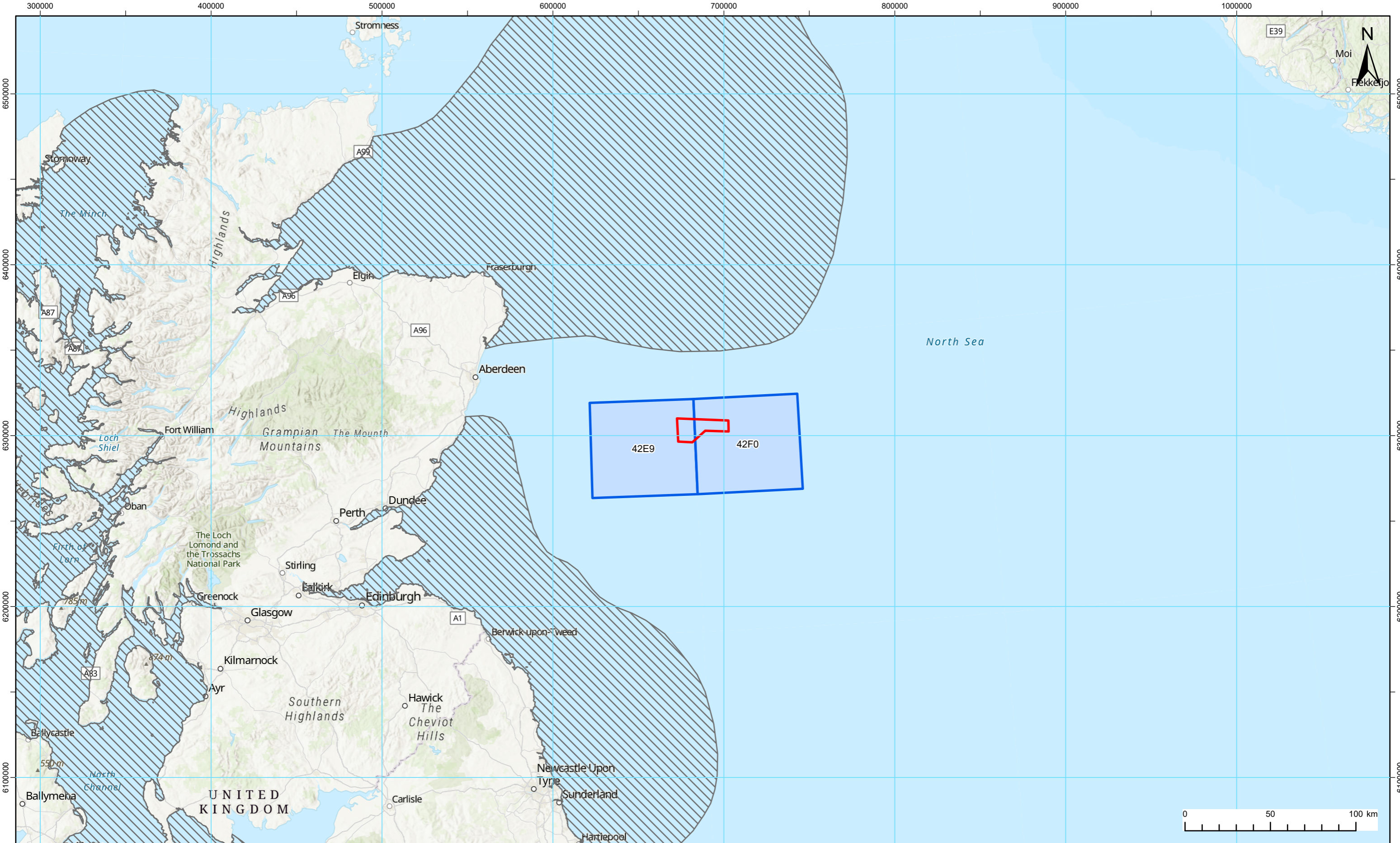
Nursery Grounds for Elasmobranch (Spurdog)

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_067

Figure 8.7b



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- Nursery Grounds (Coull et al 1998)

1	31/03/2026	Final	DL	SA	BMcG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:2,000,000		

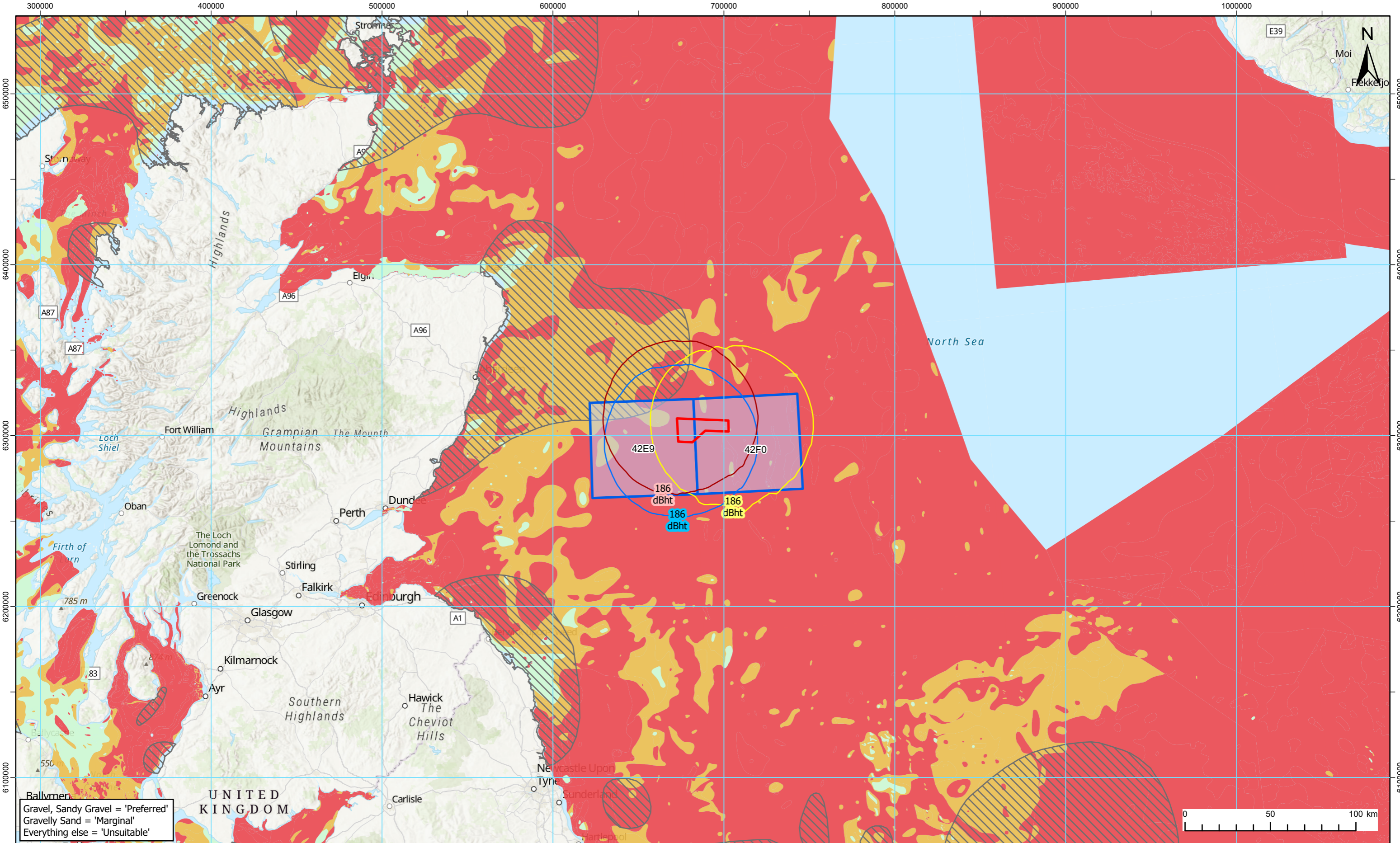
Figure Title:
Nursery Grounds for Crustaceans (Nephrops)

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_034

Figure 8.8



Gravel, Sandy Gravel = 'Preferred'
 Gravelly Sand = 'Marginal'
 Everything else = 'Unsuitable'



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- BeTLPL NW x3 Unwtd SELcum (St 0,0)
- BeTLPL SW x3 Unwtd SELcum (St 0,0)
- BeTLPL E x3 Unwtd SELcum (St 0,0)
- Spawning Grounds (Coull et al 1998)

Herring Habitat Preference (EMODnet data)

- Preferred
- Marginal
- Unsuitable

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N			Scale @ A3		
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, ©EMODnet, 2025. © Haskoning UK Ltd, 2026.			1:2,000,000		

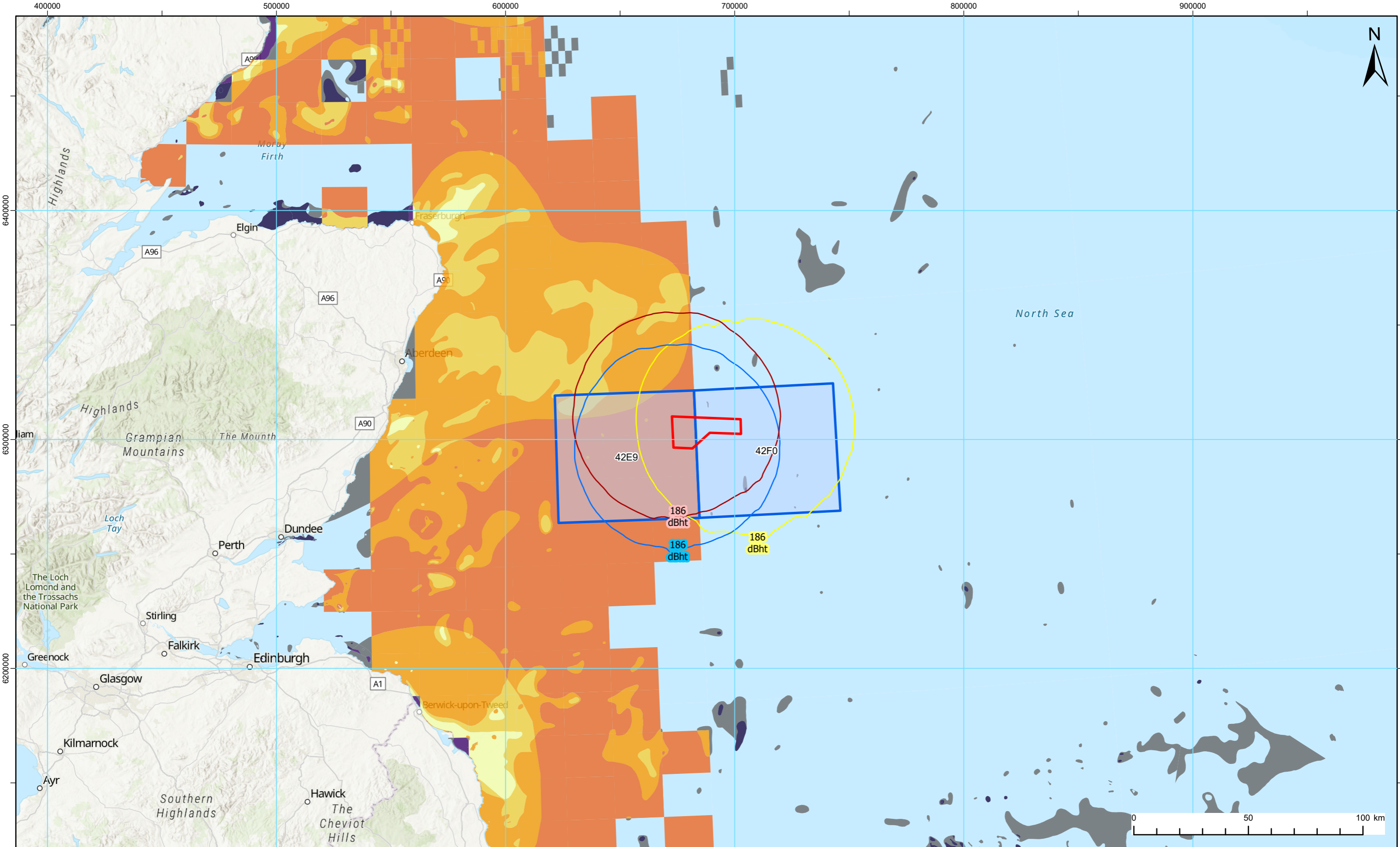
Figure Title:
Herring Spawning Habitat Preference Classifications using EMODnet Sediment Data (Folk Classifications) and Modelled Cumulative (SELcum) Piling Noise Impact Ranges (Temporary Threshold Shift based on Popper et al. (2014) Thresholds)

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_035

Figure 8.9



Legend:

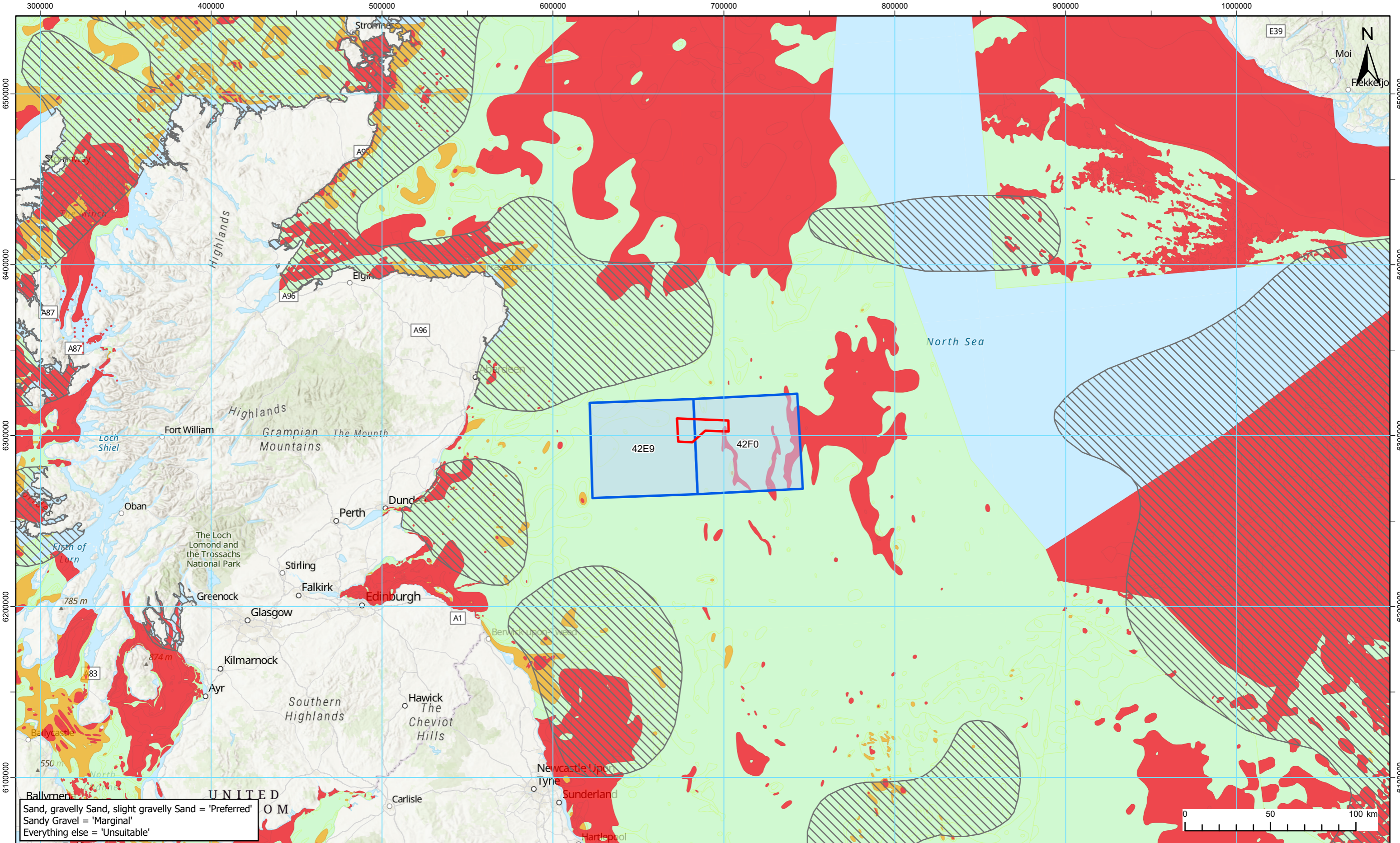
 Bellrock Wind Farm Development Area	 0.06 - 0.08
 Fish and Shellfish Ecology Study Area	 0.08 - 0.1
 BeITLP NW x3 Unwtd SELcum (St 0,0)	 0.1 - 0.15
 BeITLP SW x3 Unwtd SELcum (St 0,0)	 0.15 - 0.2
 BeITLP E x3 Unwtd SELcum (St 0,0)	 0.2 - 0.3
Herring Spawning Potential	 0.3 - 0.4
 0.02 - 0.04 - HIGHER	 0.4 - 0.5
 0.04 - 0.06	 0.5 - 0.75 - LOWER

1	31/03/2026	Final	DL	SA	BMcG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:1,500,000		

Figure Title:
Potential Spawning Habitat Suitability Heatmap For Herring, Based on Kyle-Henney et al., (2024) Methods

Project: Bellrock Wind Farm Development Area (WFDA) Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_042 **Figure 8.10**



Sand, gravelly Sand, slight gravelly Sand = 'Preferred'
 Sandy Gravel = 'Marginal'
 Everything else = 'Unsuitable'

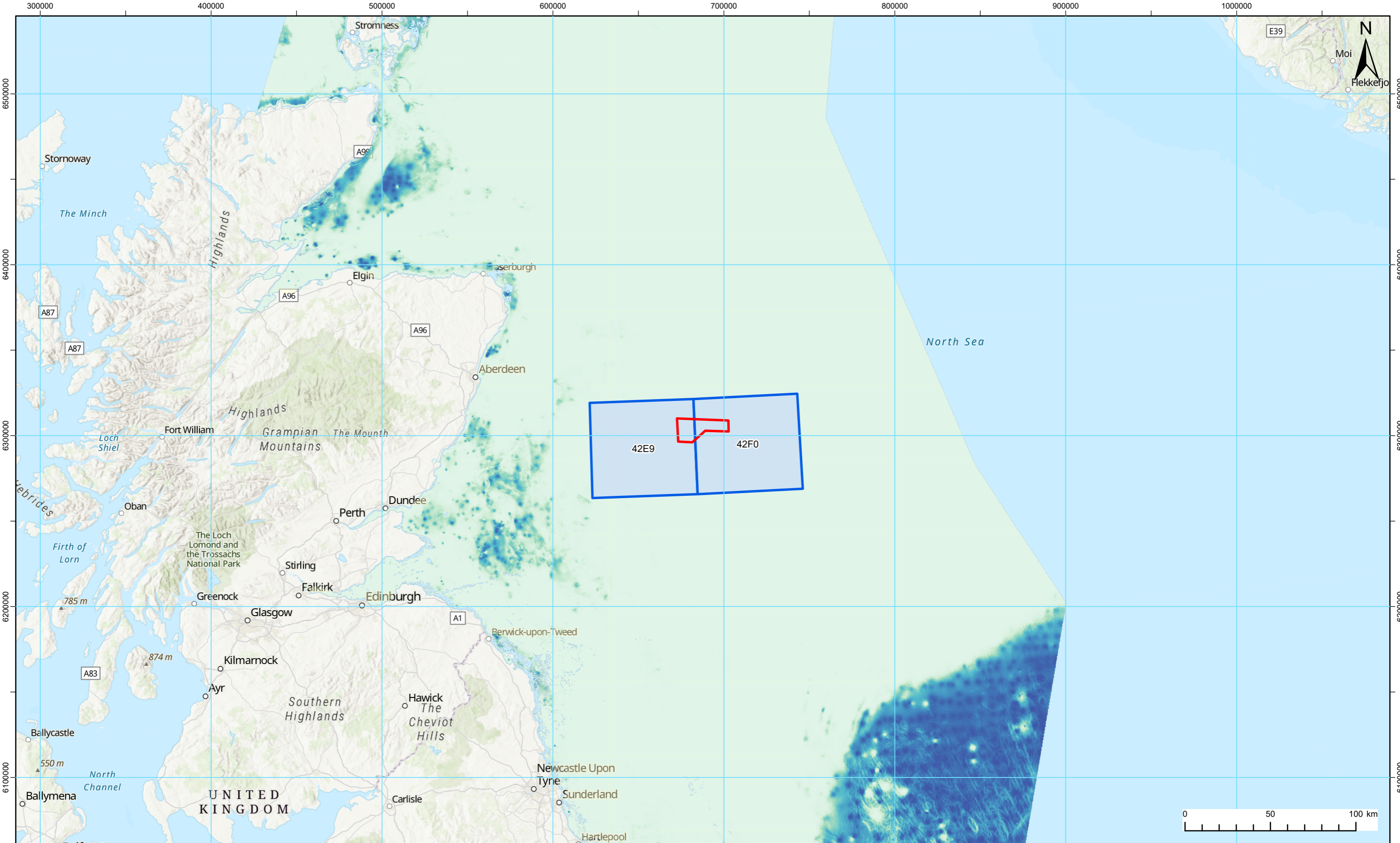


- Legend:**
- Bellrock Wind Farm Development Area
 - Fish and Shellfish Ecology Study Area
 - Spawning Grounds (Coull et al 1998)

- Sandeel Habitat Preference (EMODnet data)**
- Preferred
 - Marginal
 - Unsuitable

1	31/03/2026	Final	DL	SA	BMcG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:2,000,000		

Figure Title: Sandeel Habitat Preference Classifications using EMODnet Sediment Data (Folk Classifications)	
Project: Bellrock Wind Farm Development Area (WFDA)	Report: EIA Report Chapter 8: Fish and Shellfish Ecology
Drawing No.: RHDV_BEL_CST_REP_0003_043	Figure 8.11



Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area

Predicted Density of buried Sandeel (number per sq m)

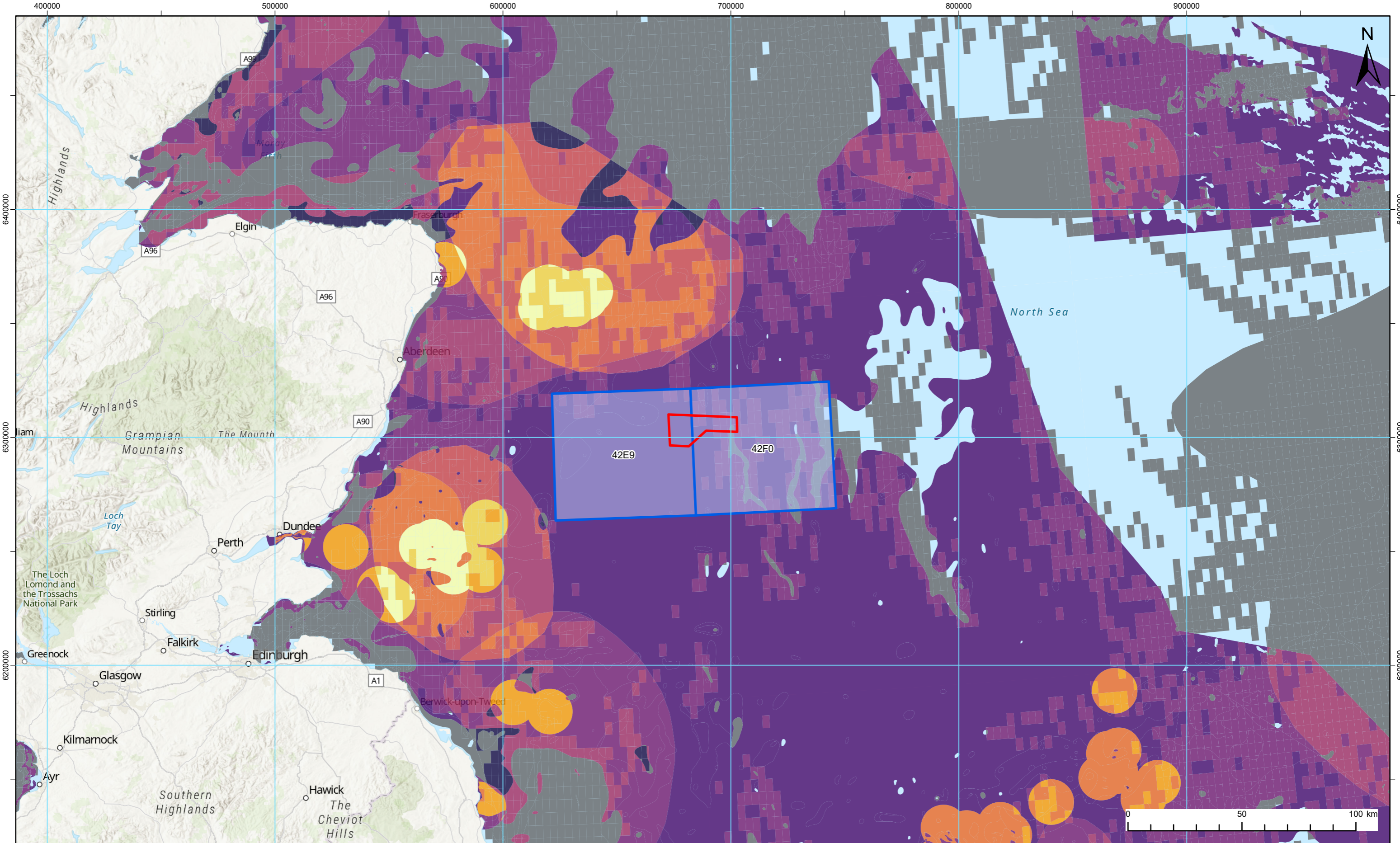
- 0 (Less Probable)
- 0.25
- 0.5
- 0.75
- 1 (More Probable)

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:2,000,000		

Figure Title: **Predictions of Density (number per m²) of Sandeel (Marine Scotland, 2022 and Langton et al. 2021)**

Project: Bellrock Wind Farm Development Area (WFDA) Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_044 **Figure 8.12**

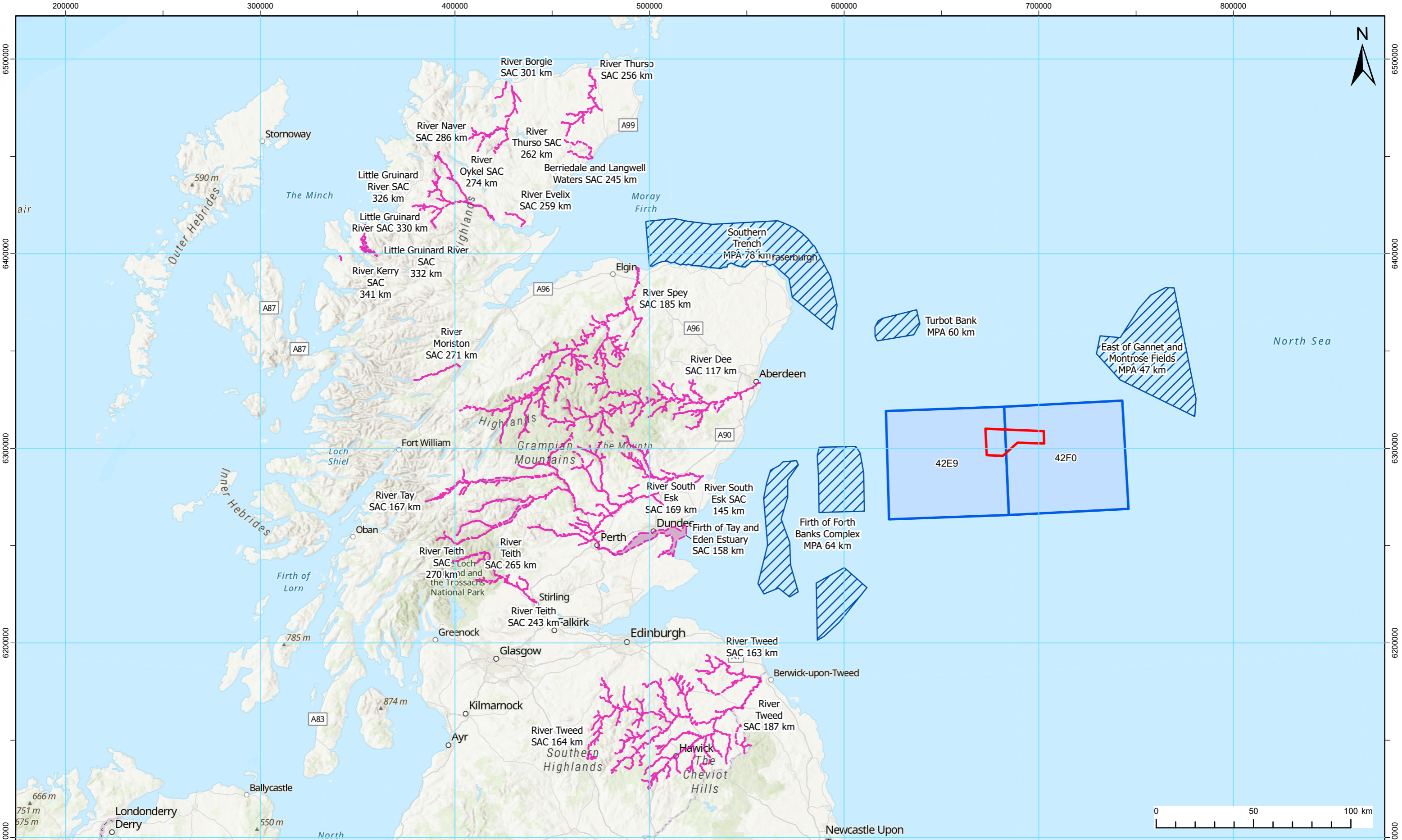


Legend:

 Bellrock Wind Farm Development Area	 0.08- 0.1
 Fish and Shellfish Ecology Study Area	 0.1 - 0.15
Sandeel Spawning Potential	 0.15 - 0.2
 0.01 - 0.02 - HIGHER	 0.2 - 0.3
 0.02- 0.03	 0.3 - 0.5
 0.03 - 0.05	 0.5 - 0.75 - LOWER
 0.05 - 0.08	

1	31/03/2026	Final	DL	SA	BMcG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:1,500,000		

Figure Title: Potential Spawning Habitat Suitability Heatmap for Sandeel (based on Reach et al., (2014) Methods)	
Project: Bellrock Wind Farm Development Area (WFDA)	Report: EIA Report Chapter 8: Fish and Shellfish Ecology
Drawing No.: RHDV_BEL_CST_REP_0003_049	Figure 8.13



- Legend:**
- Bellrock Wind Farm Development Area
 - Fish and Shellfish Ecology Study Area
 - Nature Conservation Marine Protected Area (ncMPA)
 - Special Area of Conservation (SAC)

1	31/03/2026	Final	DL	SA	BMCG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:1,750,000		

Figure Title:
Fish and Shellfish Ecology Relevant Designated Sites in Relation to the Bellrock WFDA

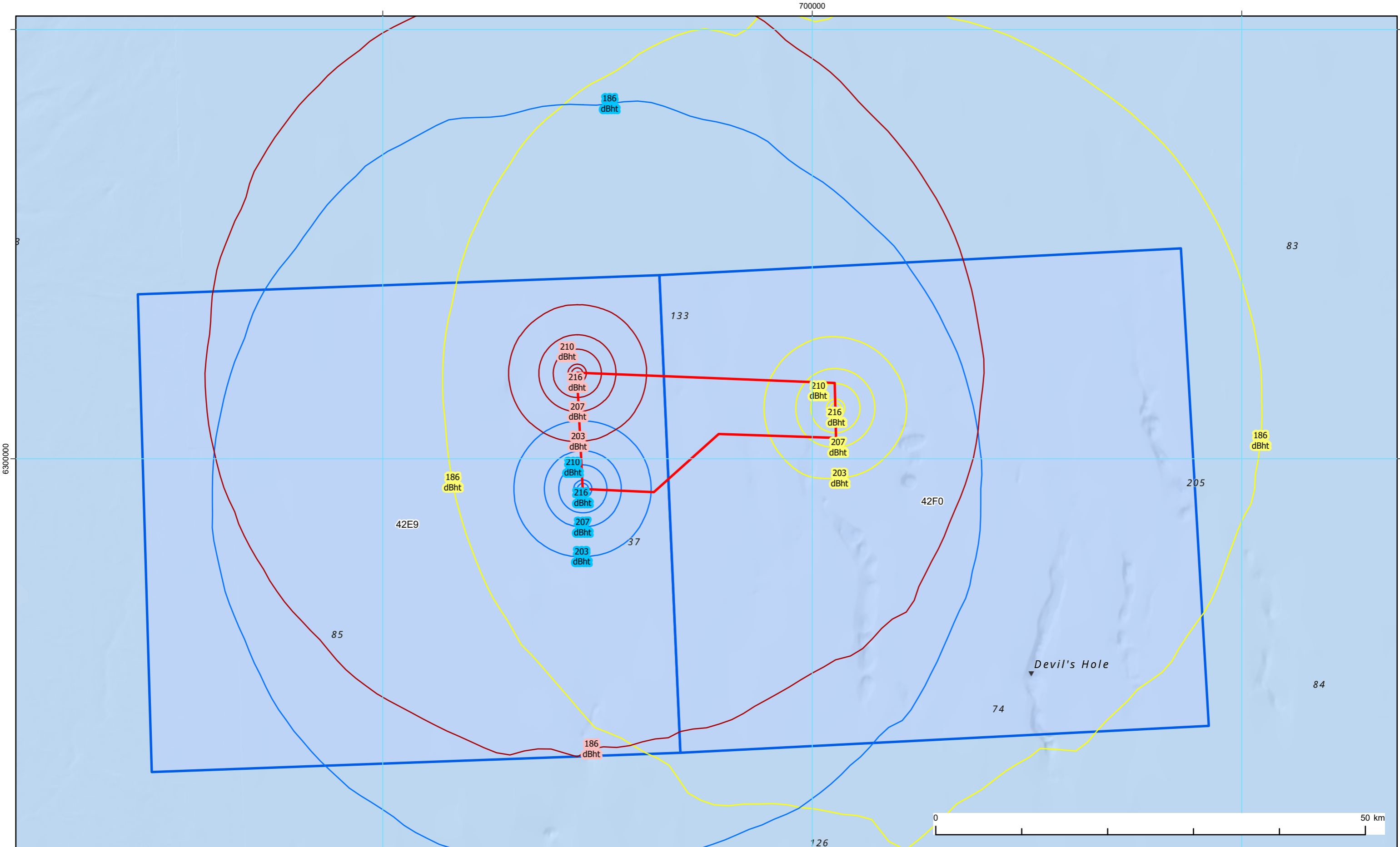
Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_045

Figure 8.14





Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area

Multiple Pulse Criteria

- BelTLP E x3 Unwtd SELcum (St 0,0)
- BelTLP SW x3 Unwtd SELcum (St 0,0)
- BelTLP NW x3 Unwtd SELcum (St 0,0)

REV	DATE	STATUS	DRW	CHK	APR
1	31/03/2026	Final	DL	SA	BMCG

Coordinate System: WGS 1984 UTM Zone 30N
 Source: Esri, TomTom, Garmin, GEBCO, National Geographic, NOAA, and the GIS User Community, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, OceanWise, Esri, Garmin, NaturalVue, © Haskoning UK Ltd, 2026.

Scale @ A3
 1:400,000

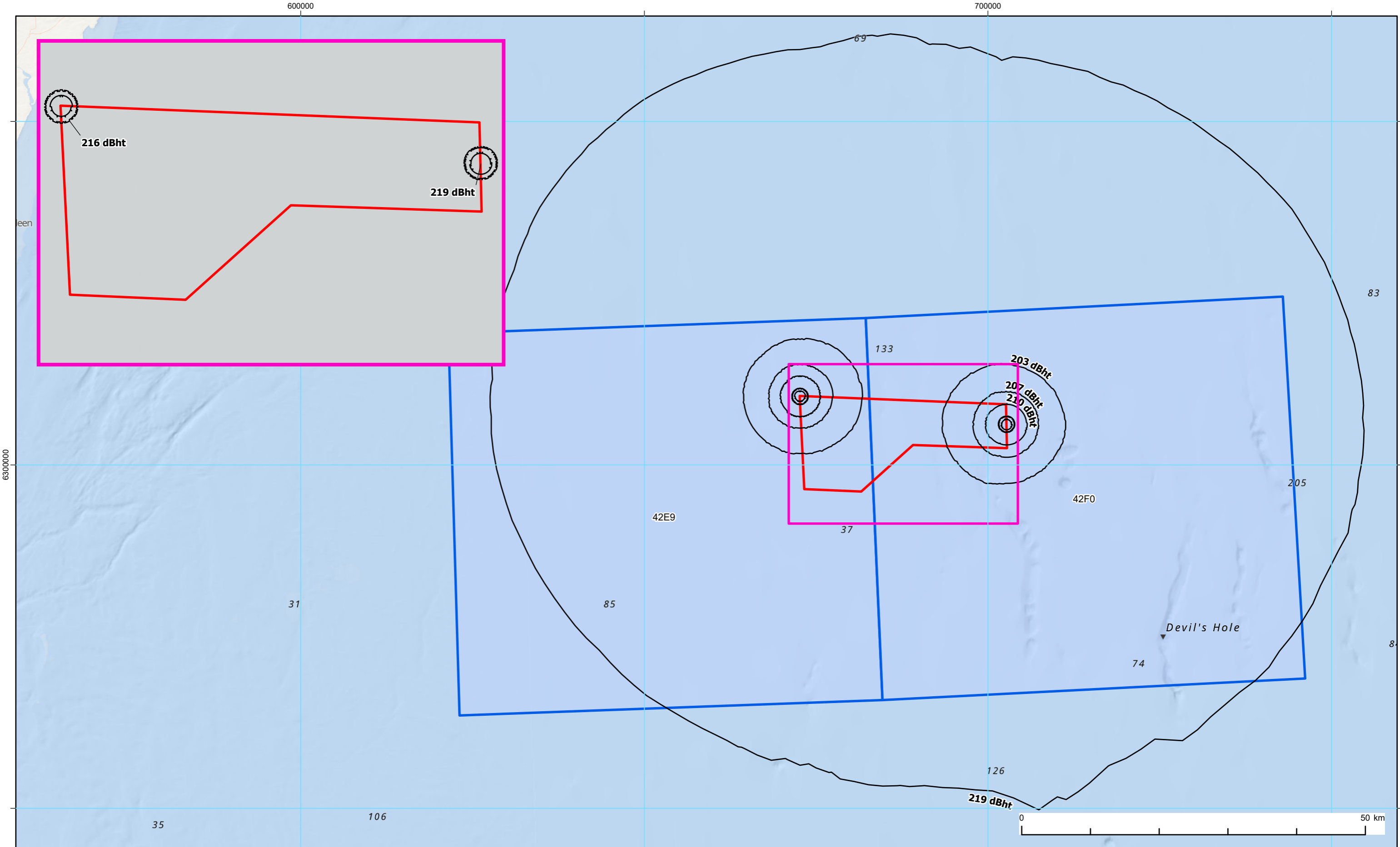
Figure Title:
Modelled Cumulative (SELcum) Piling Noise Impact Ranges (based on Popper et al. (2014) Thresholds)

Project:
 Bellrock Wind Farm Development Area (WFDA)

Report:
 EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_047

Figure 8.15

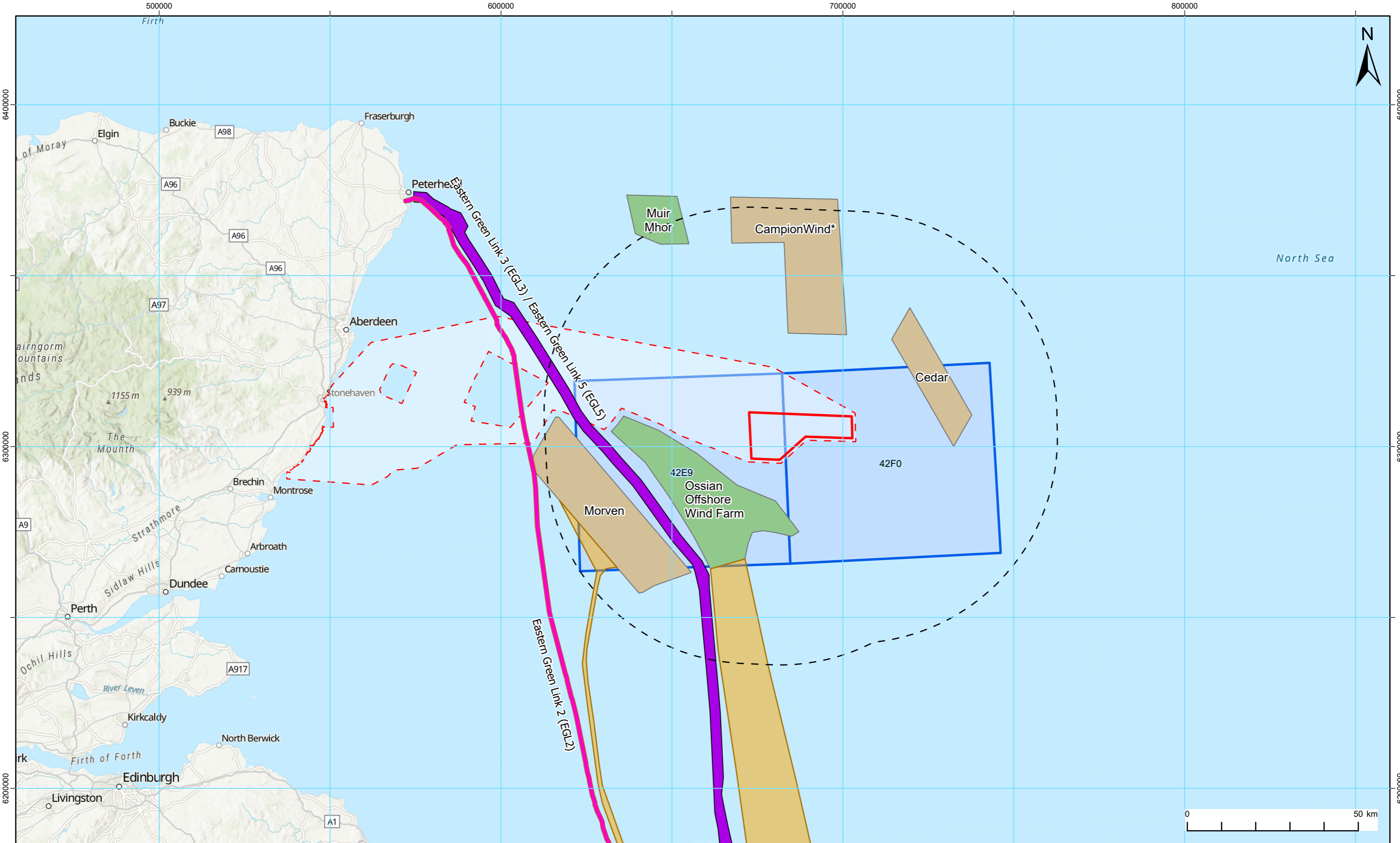


Legend:

- Bellrock Wind Farm Development Area
- Fish and Shellfish Ecology Study Area
- BeITLP NW + BeITLP E Unwtd SELcum (Stationary Receptor)

1	31/03/2026	Final	DL	SA	BMcG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Sources: Esri, TomTom, Garmin, GEBCO, National Geographic, NOAA, and the GIS User Community, OceanWise, Esri, GEBCO, Garmin, NaturalVue, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:500,000		

Figure Title: Modelled Cumulative (SELcum) Piling Noise Impact Ranges for Concurrent Piling (based on Popper et al. (2014) Thresholds)	
Project: Bellrock Wind Farm Development Area (WFDA)	Report: EIA Report Chapter 8: Fish and Shellfish Ecology
Drawing No.: RHDV_BEL_CST_REP_0003_048	Figure 8.16



- Legend:**
- Bellrock Wind Farm Development Area
 - Zone of Influence (ZoI) of 60km
 - Fish and Shellfish Ecology Study Area
 - Bellrock Offshore Transmission Development Area of Search (as at 1 March 2026)
 - Subsea Cables (Offshore Wind Farm)
 - EGL 2
 - EGL 3 / 5

- Offshore Wind Farm Developments**
- In planning (Application Submitted)
 - Pre Planning (pre application)
- NOTE:**
* The ChampionWind Option to Lease has been returned to Crown Estate Scotland.

1	31/03/2026	Final	DL	SA	BMcG
REV	DATE	STATUS	DRW	CHK	APR
Coordinate System: WGS 1984 UTM Zone 30N					
Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS, © Haskoning UK Ltd, 2026.					
Scale @ A3			1:1,000,000		

Figure Title: **Other Projects/Plans Considered in the Cumulative Effects Assessment for Fish and Shellfish Ecology**

Project: Bellrock Wind Farm Development Area (WFDA)

Report: EIA Report Chapter 8: Fish and Shellfish Ecology

Drawing No.: RHDV_BEL_CST_REP_0003_068

Figure 8.17