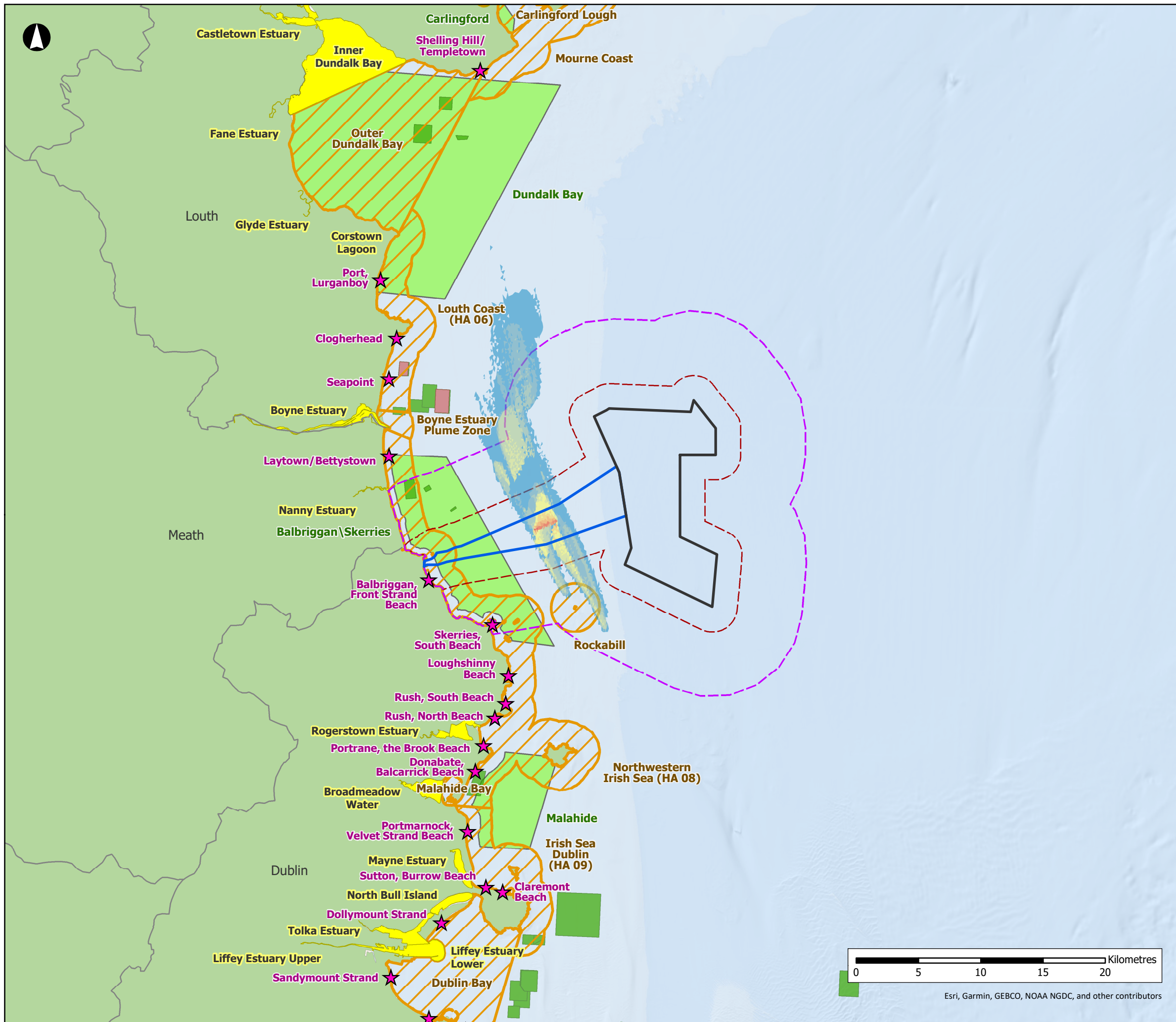


Volume 7A - Figures

Chapter 11

Marine Water and Sediment Quality



Array Area
 Offshore Export Cable Corridor
 Zone of Influence
 2km Buffer from Array and ECC
★ Bathing Waters
 Coastal Water Bodies
 Transitional Water Bodies
 Shellfish Waters

Suspended Sediment (mg/l)

- <1 (trace level)
- 1 - 2 (normal variation)
- 2 - 5 (background level)
- 5 - 10 (background level)
- 10 - 20 (background level)
- 20 - 50 (4 * background)
- 50 - 100 (10 * background)
- 100 - 200 (20 * background)
- 200 - 500 (40 * background)
- 500 - 1000 (100 * background)
- >1000 (200 * background)

Offshore Dumping Sites: Status

- Dumping At Sea Sites (Active)
- Dumping At Sea Sites (Inactive)

NISA

North Irish Sea Array

ARUP GoBe

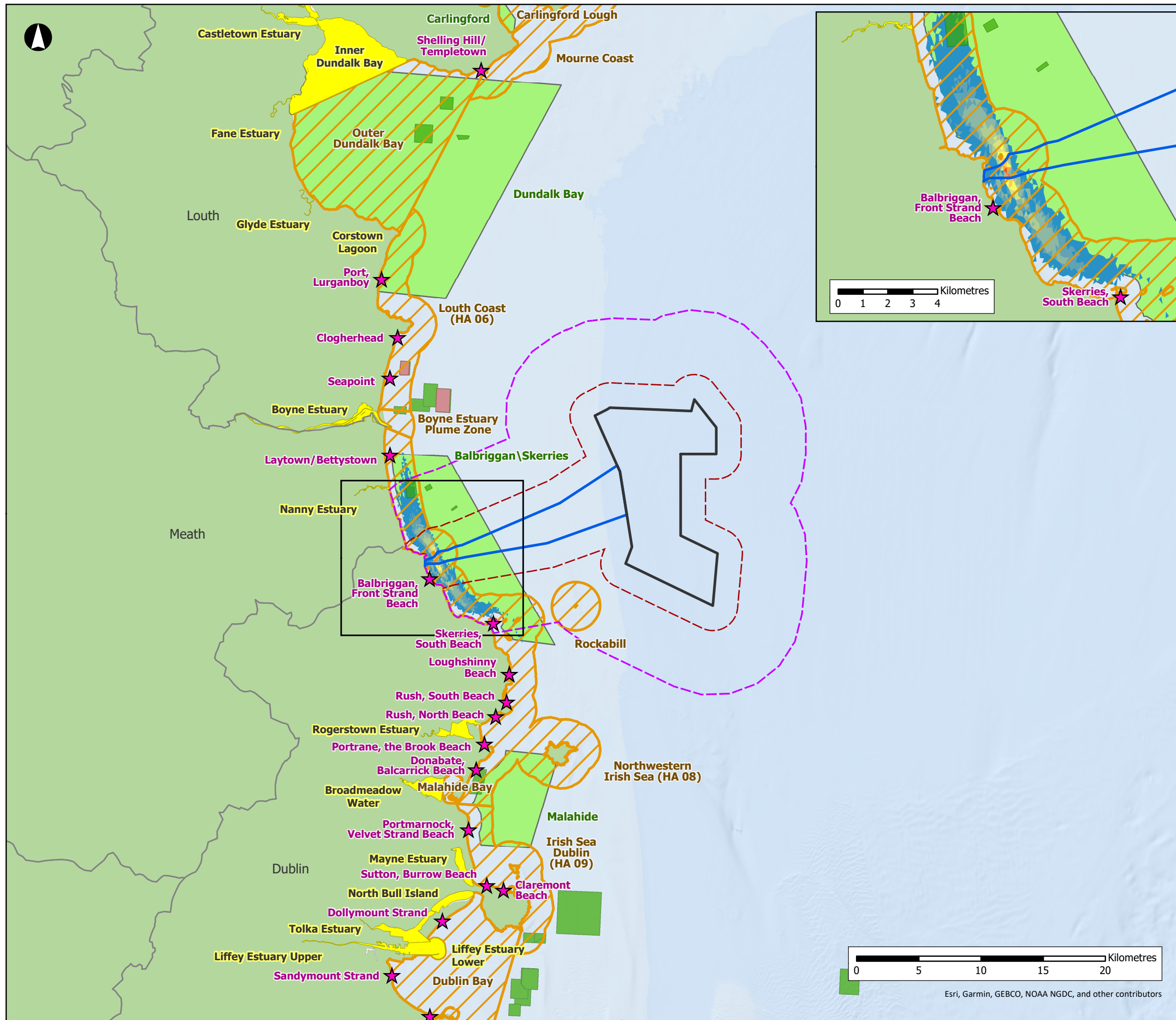
Project
 North Irish Sea Array
 Offshore Wind Farm

Figure Title
 Predicted Sediment Plumes
 arising from ECC Installation
 Jetting Activities

Job No: 281240	Datum: WGS84 Projection: UTM30N
Date: May 2026	Figure No:
Scale: 1:300,000 @A3	A11.1
Status: Issue	

Kilometres
 0 5 10 15 20

Esri, Garmin, GEBCO, NOAA NGDC, and other contributors



Array Area
 Offshore Export Cable Corridor
 Zone of Influence
 2km Buffer from Array and ECC
★ Bathing Waters
 Coastal Water Bodies
 Transitional Water Bodies
 Shellfish Waters

Nearshore Exit Pit Excavation

Suspended Sediment (mg/l)

- <1 (trace level)
- 1 - 2 (normal variation)
- 2 - 5 (background level)
- 5 - 10 (background level)
- 10 - 20 (background level)
- 20 - 50 (4 * background)
- 50 - 100 (10 * background)
- 100 - 200 (20 * background)
- 200 - 500 (40 * background)
- 500 - 1000 (100 * background)
- >1000 (200 * background)

Offshore Dumping Sites: Status

- Dumping At Sea Sites (Active)
- Dumping At Sea Sites (Inactive)

NISA

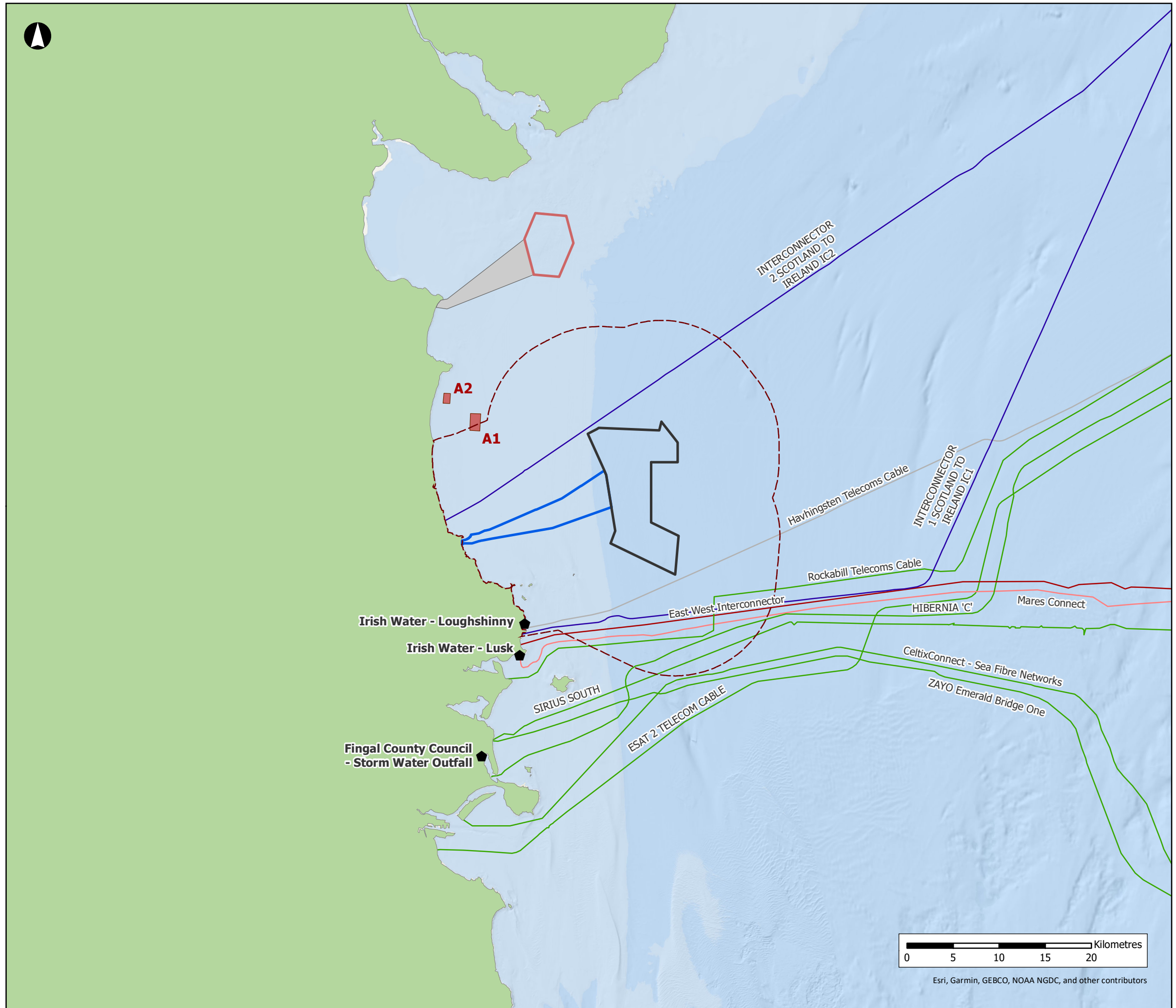
North Irish Sea Array



Project
**North Irish Sea Array
 Offshore Wind Farm**

Figure Title
**Predicted Sediment Plumes
 arising from HDD Exit Pit**

Job No: 281240	Datum: WGS84 Projection: UTM30N
Date: May 2026	Figure No:
Scale: 1:300,000 @A3	A11.2
Status: Issue	



- Array Area
- Offshore Export Cable Corridor
- Study Area
- Oriel Offshore Wind Farm
- Oriel Offshore Export Cable Corridor
- Foreshore Licence Application
- Dumping At Sea Sites (Active)
- Gas Pipelines
- Subsea Cable (Type - Status)
- Power - Active
- Telecom - Active
- Telecom - Proposed

NISA

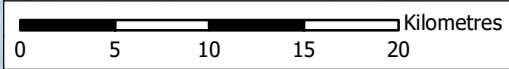
North Irish Sea Array

ARUP **GoBe**

Project
North Irish Sea Array Offshore Wind Farm

Figure Title
Location of Other Plans and Projects included in the MW&SQ Assessment

Job No: 281240	Datum: WGS84 Projection: UTM30N
Date: May 2026	Figure No:
Scale: 1:400,000 @A3	A11.3
Status: Issue	



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