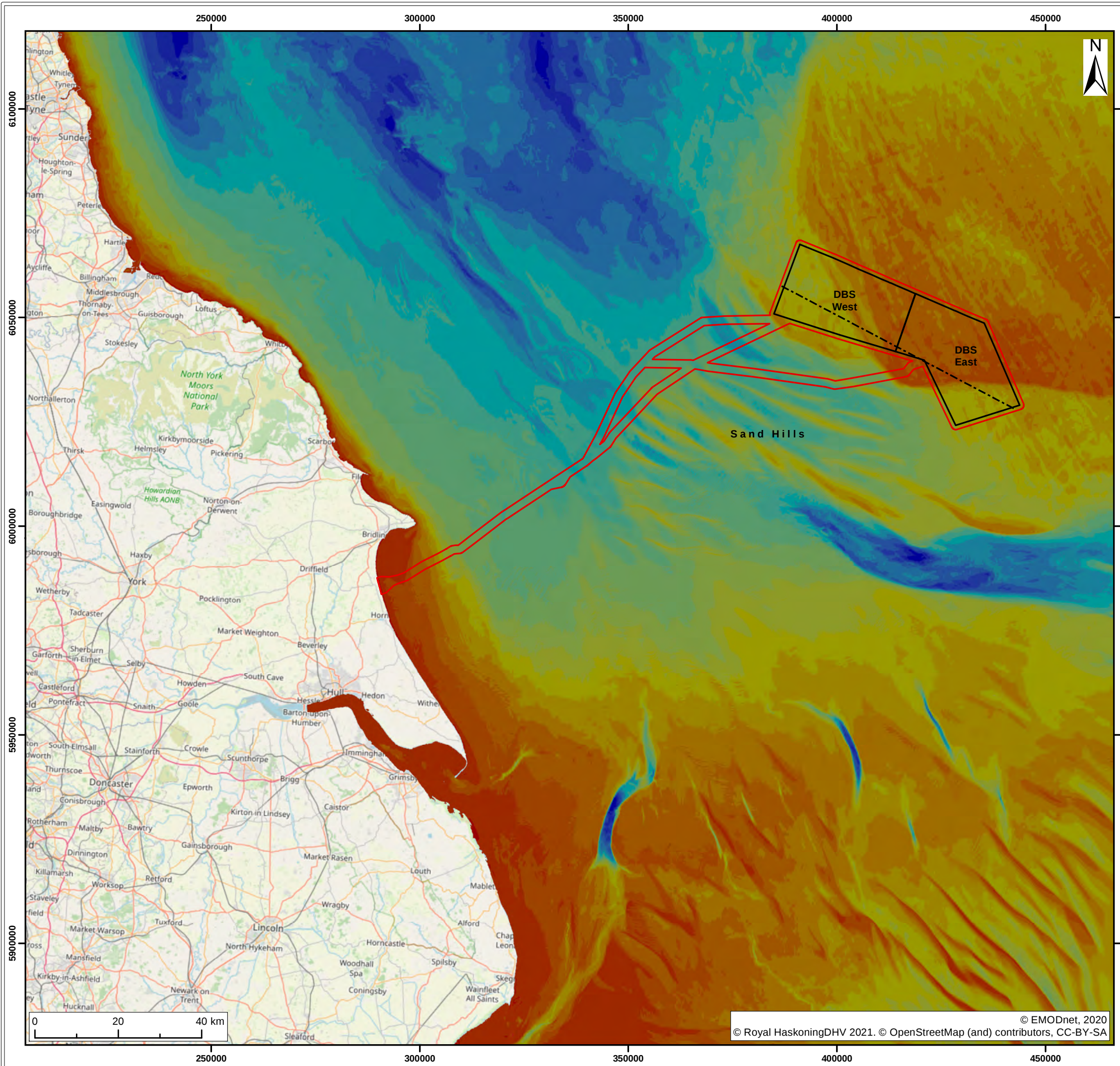
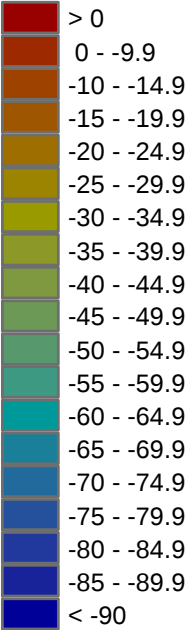




- Legend:
- Offshore Development Area
 - Array areas
 - Location of profile shown in Plate 8.1

Bathymetry (LAT)



A1	C01	05/01/2023	Authorized	TC	DB	HC
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

Title:

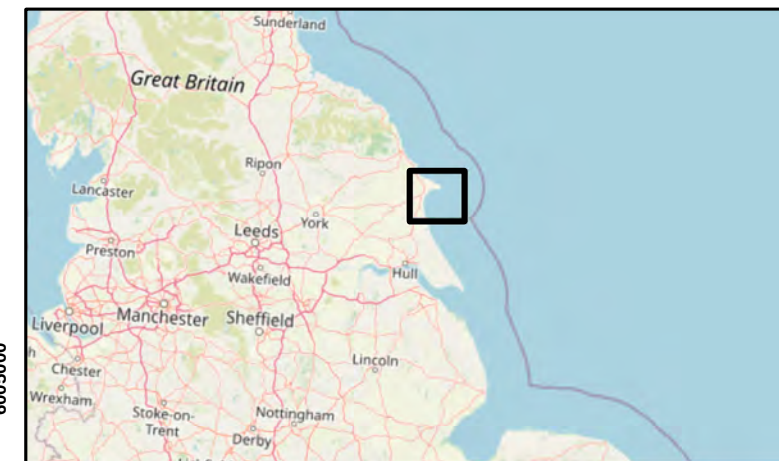
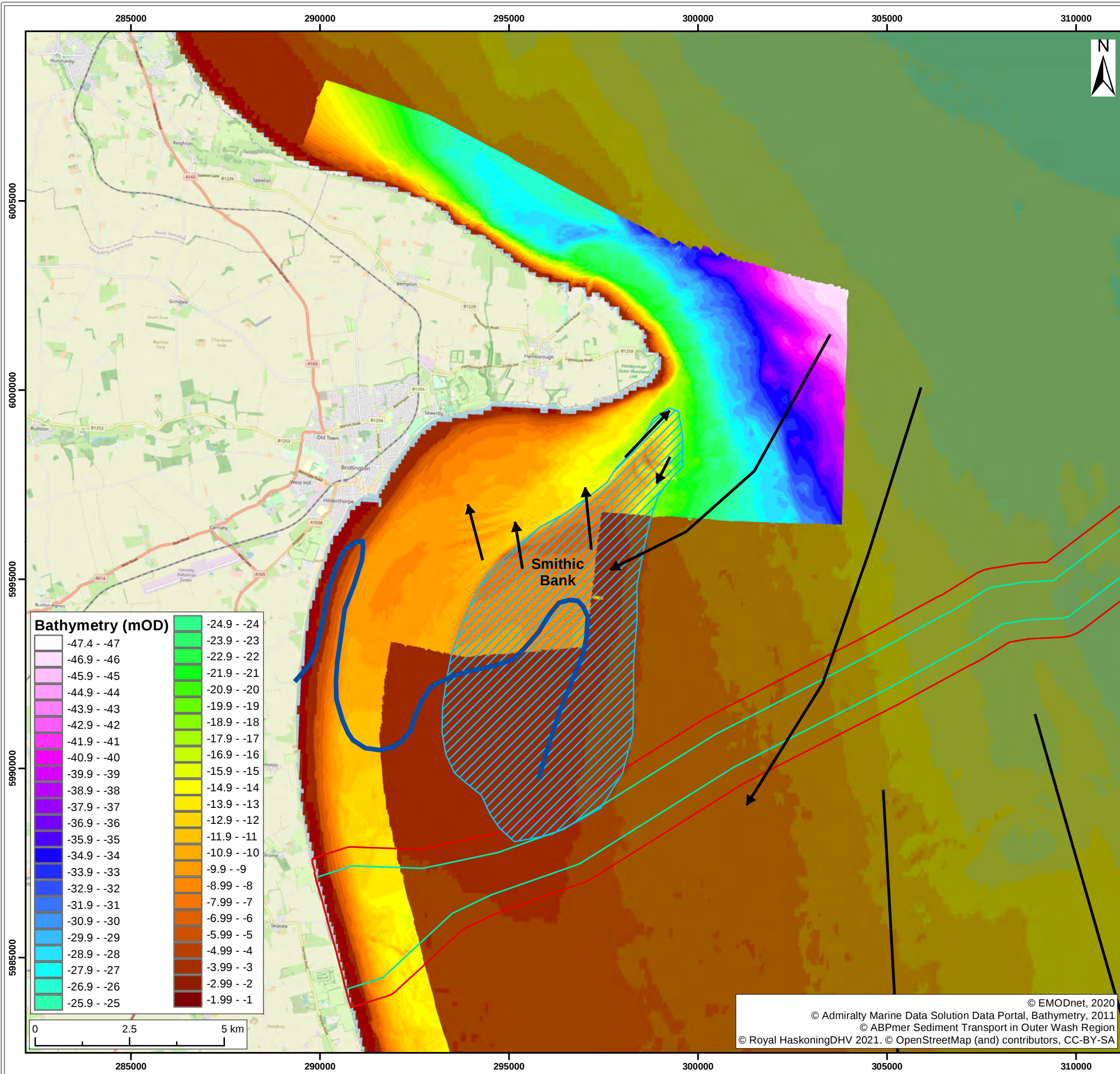
Location and bathymetry of the marine physical environment study area

Figure: 8-1 Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0357

Co-ordinate system: WGS 1984 UTM Zone 31N	Page Size: A3	Scale: 1:900,000
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Legend:

- Offshore Development Area
- 1km Burial Swath
- Smithic Bank

Indicative Sediment Transport Pathways

- Bed Load
- Boundary between 'Flamborough Influence' and 'Holderness Cliffs Influence' (Pye et al. 2015)

Bathymetry (LAT)

> 0
0 - -9.9
-10 - -14.9
-15 - -19.9
-20 - -24.9
-25 - -29.9
-30 - -34.9
-35 - -39.9
-40 - -44.9
-45 - -49.9
-50 - -54.9

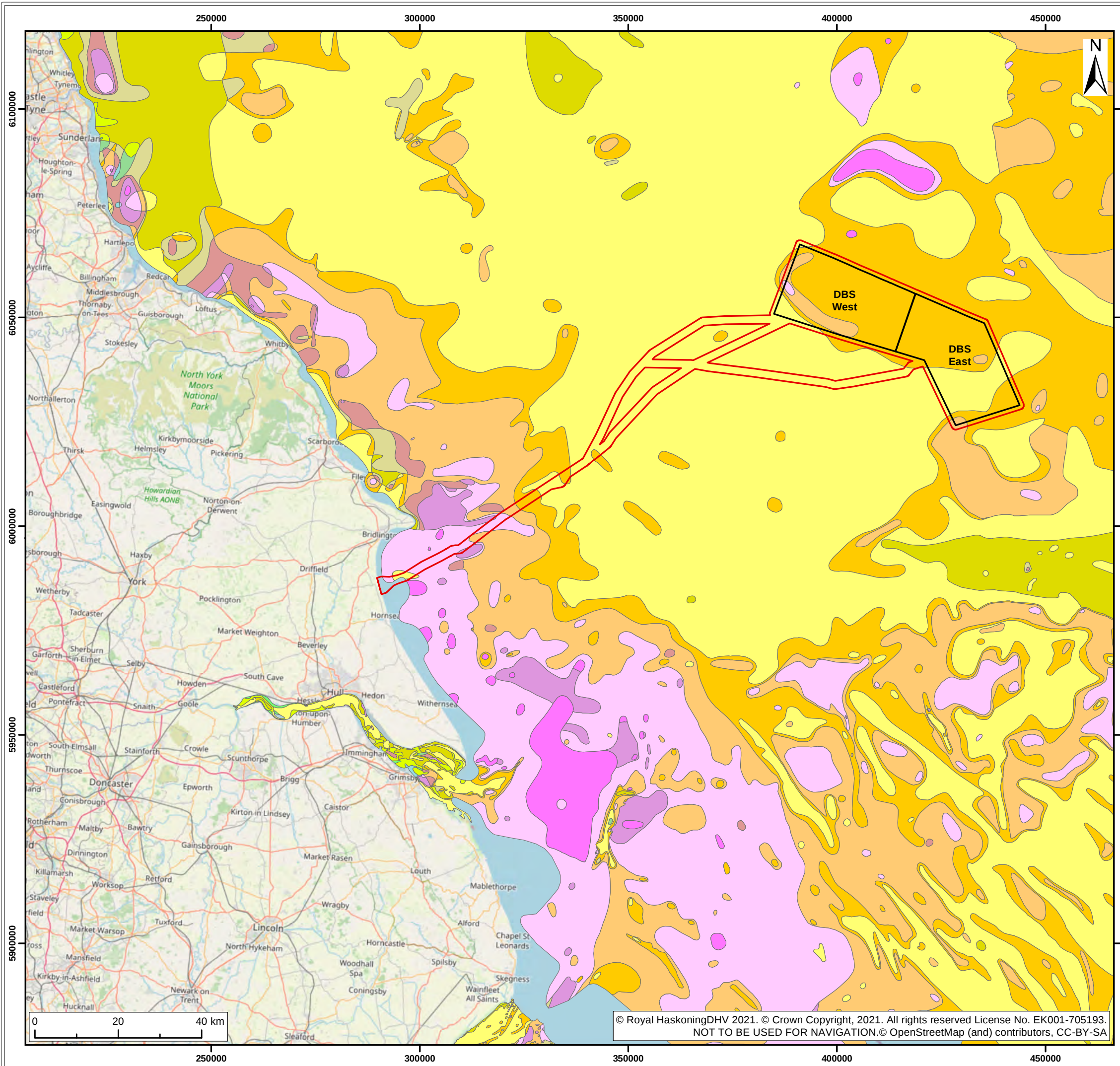
Bathymetry (mOD)

-47.4 - -47	-24.9 - -24
-46.9 - -46	-23.9 - -23
-45.9 - -45	-22.9 - -22
-44.9 - -44	-21.9 - -21
-43.9 - -43	-20.9 - -20
-42.9 - -42	-19.9 - -19
-41.9 - -41	-18.9 - -18
-40.9 - -40	-17.9 - -17
-39.9 - -39	-16.9 - -16
-38.9 - -38	-15.9 - -15
-37.9 - -37	-14.9 - -14
-36.9 - -36	-13.9 - -13
-35.9 - -35	-12.9 - -12
-34.9 - -34	-11.9 - -11
-33.9 - -33	-10.9 - -10
-32.9 - -32	-9.9 - -9
-31.9 - -31	-8.99 - -8
-30.9 - -30	-7.99 - -7
-29.9 - -29	-6.99 - -6
-28.9 - -28	-5.99 - -5
-27.9 - -27	-4.99 - -4
-26.9 - -26	-3.99 - -3
-25.9 - -25	-2.99 - -2
	-1.99 - -1

A1	C01	16/01/2023	Authorized	TC	DB	HC
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
Title: Location and Indicative sediment transport pathways across Smithic Bank derived from bedform geometry						
Figure: 8-2		Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0363				
Co-ordinate system: WGS 1984 UTM Zone 31N			Page Size: A3	Scale: 1:100,000		
Project: Dogger Bank South Offshore Wind Farms			Report: Preliminary Environmental Information Report			

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© Admiralty Marine Data Solution Data Portal, Bathymetry, 2011
© ABPmer Sediment Transport in Outer Wash Region
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Legend:

- Offshore Development Area
- Array areas

Seabed Sediment

- GRAVEL
- GRAVEL, MUDDY, SANDY
- GRAVELLY MUD
- GRAVELLY MUDDY SAND
- GRAVELLY SAND
- MUD
- MUDDY GRAVEL
- MUDDY SAND
- SAND
- SANDY GRAVEL
- SANDY MUD
- SLIGHTLY GRAVELLY MUD
- SLIGHTLY GRAVELLY MUDDY SAND
- SLIGHTLY GRAVELLY SAND
- SLIGHTLY GRAVELLY SANDY MUD
- UNDIFFERENTIATED BEDROCK

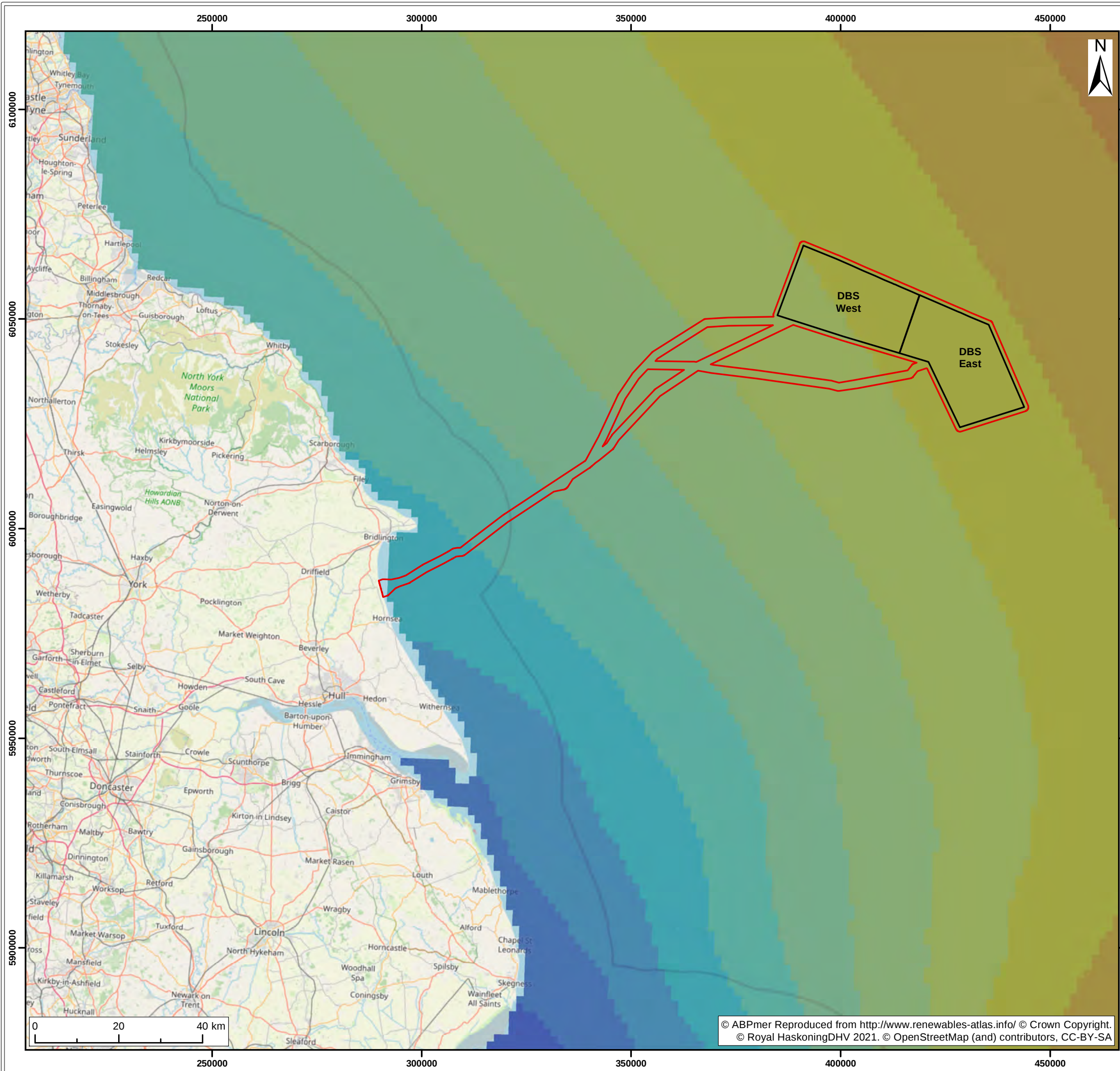
A1	C01	05/01/2023	Authorized	TC	DB	HC
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

Title:

Seabed sediment distribution across the Offshore Study Area based on descriptive classification by Folk (1954)

Figure: 8-3 Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0358

Co-ordinate system: WGS 1984 UTM Zone 31N	Page Size: A3	Scale: 1:900,000
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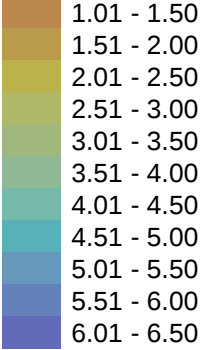


Legend:

 Offshore Development Area

 Array areas

Mean Spring Tide Range (m)



A1	C01	05/01/2023	Authorized	TC	DB	HC
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

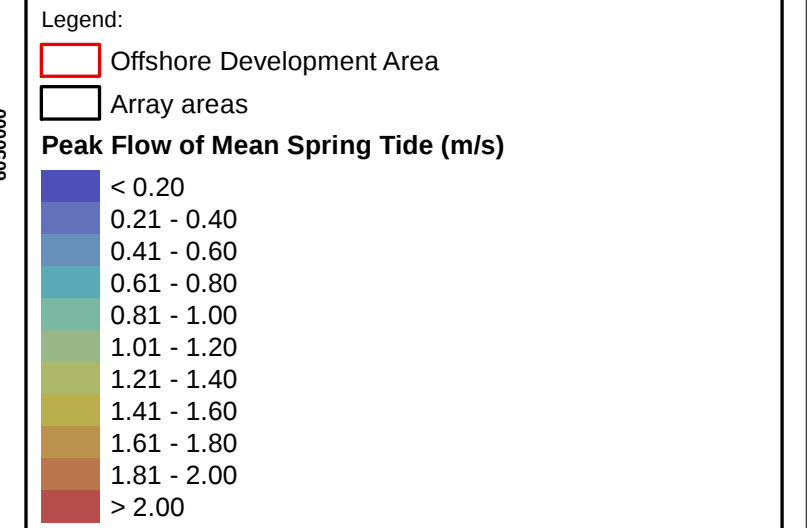
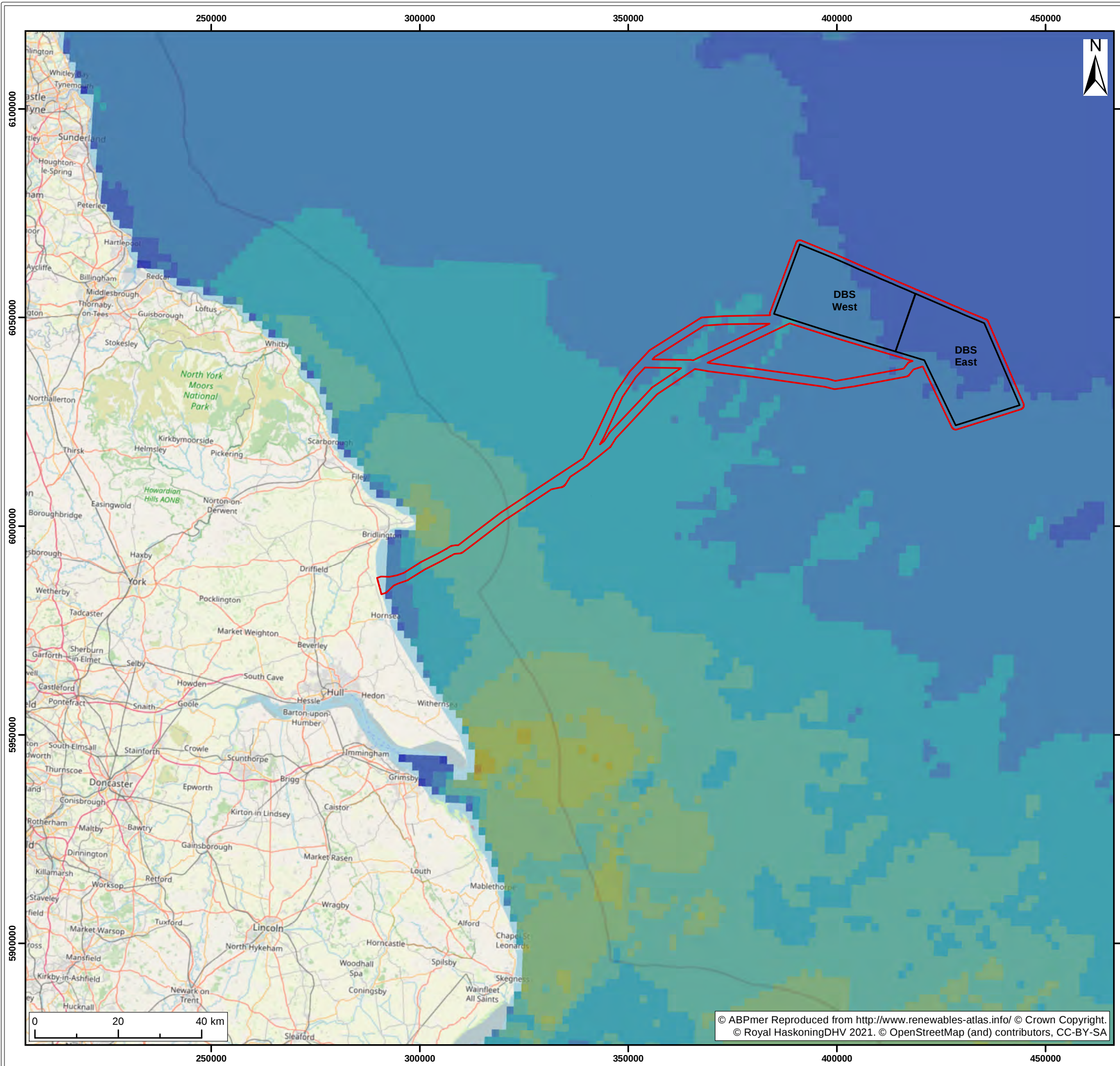
Title:
Variation in mean spring range across the Offshore Development Area

Figure: 8-4 Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0359

Co-ordinate system: WGS 1984 UTM Zone 31N Page Size: A3 Scale: 1:900,000

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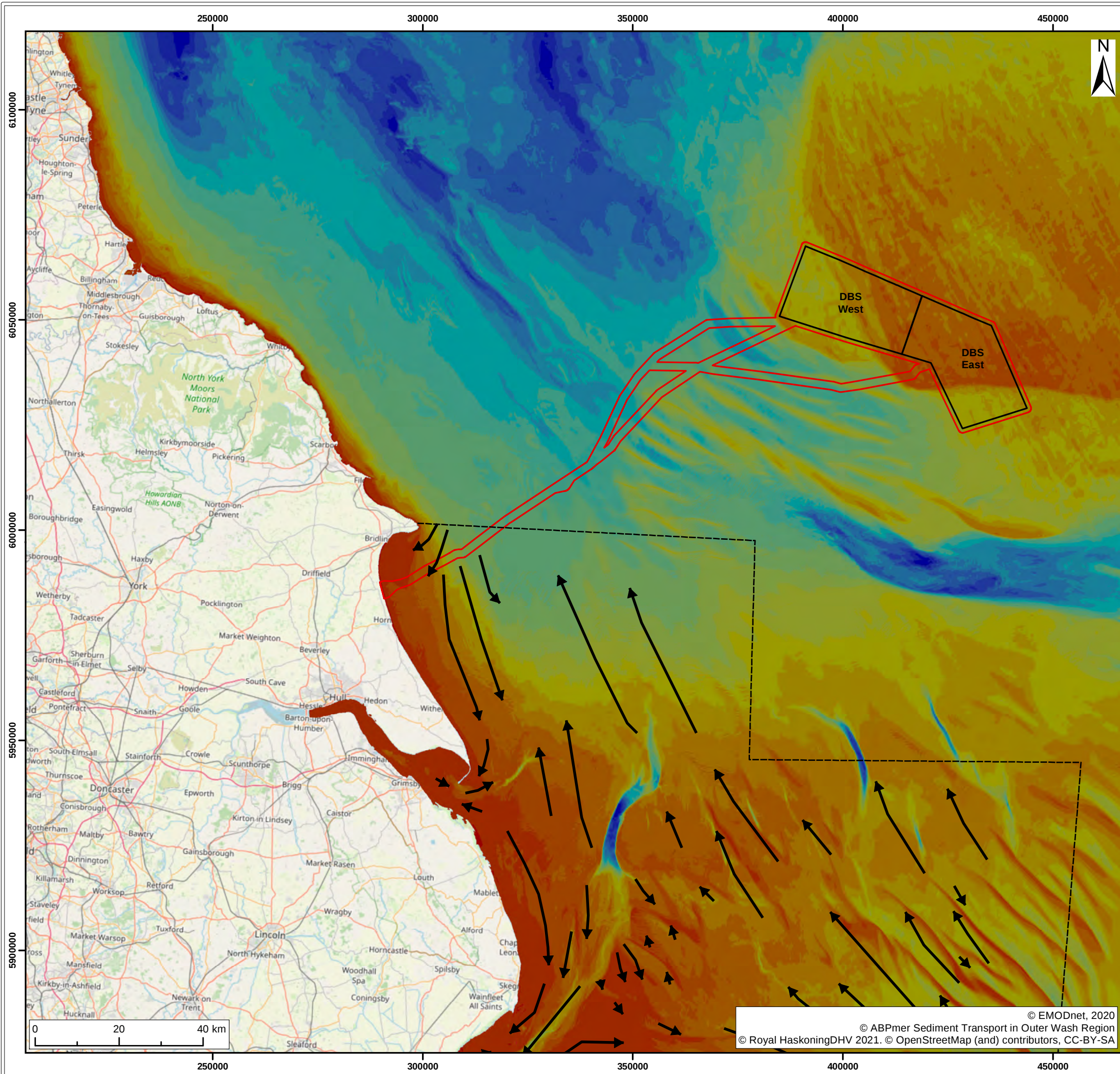
A1	C01	05/01/2023	Authorized	TC	DB	HC
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

Title:

Peak flow speed on mean spring tide
across the Offshore Development Area

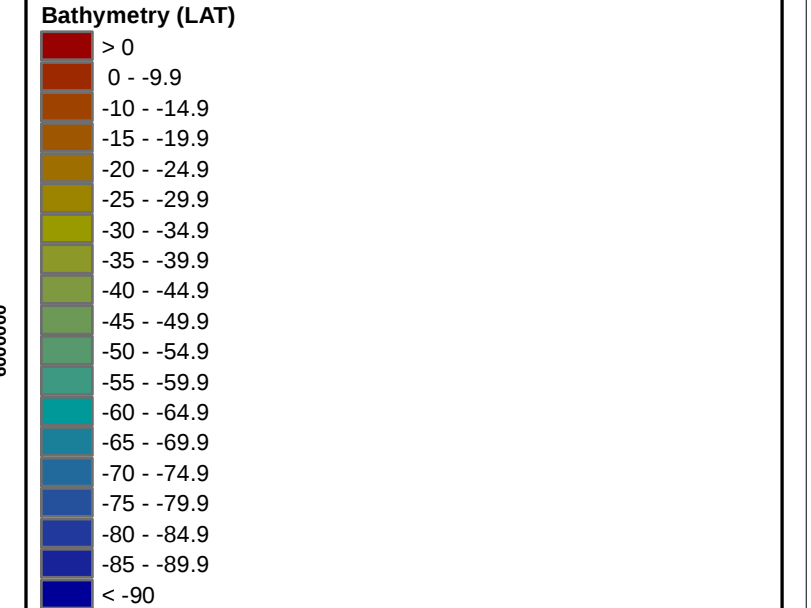
Figure: 8-5		Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0360	
Co-ordinate system: WGS 1984 UTM Zone 31N		Page Size: A3	Scale: 1:900,000
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Legend:

- Offshore Development Area
- Array areas
- Sediment Transport Pathways
 - Bed Load
 - Extent of available data on sediment transport pathways



A1	C01	05/01/2023	Authorized	TC	DB	HC
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

Title:

Sediment transport pathways along the offshore export cable corridor

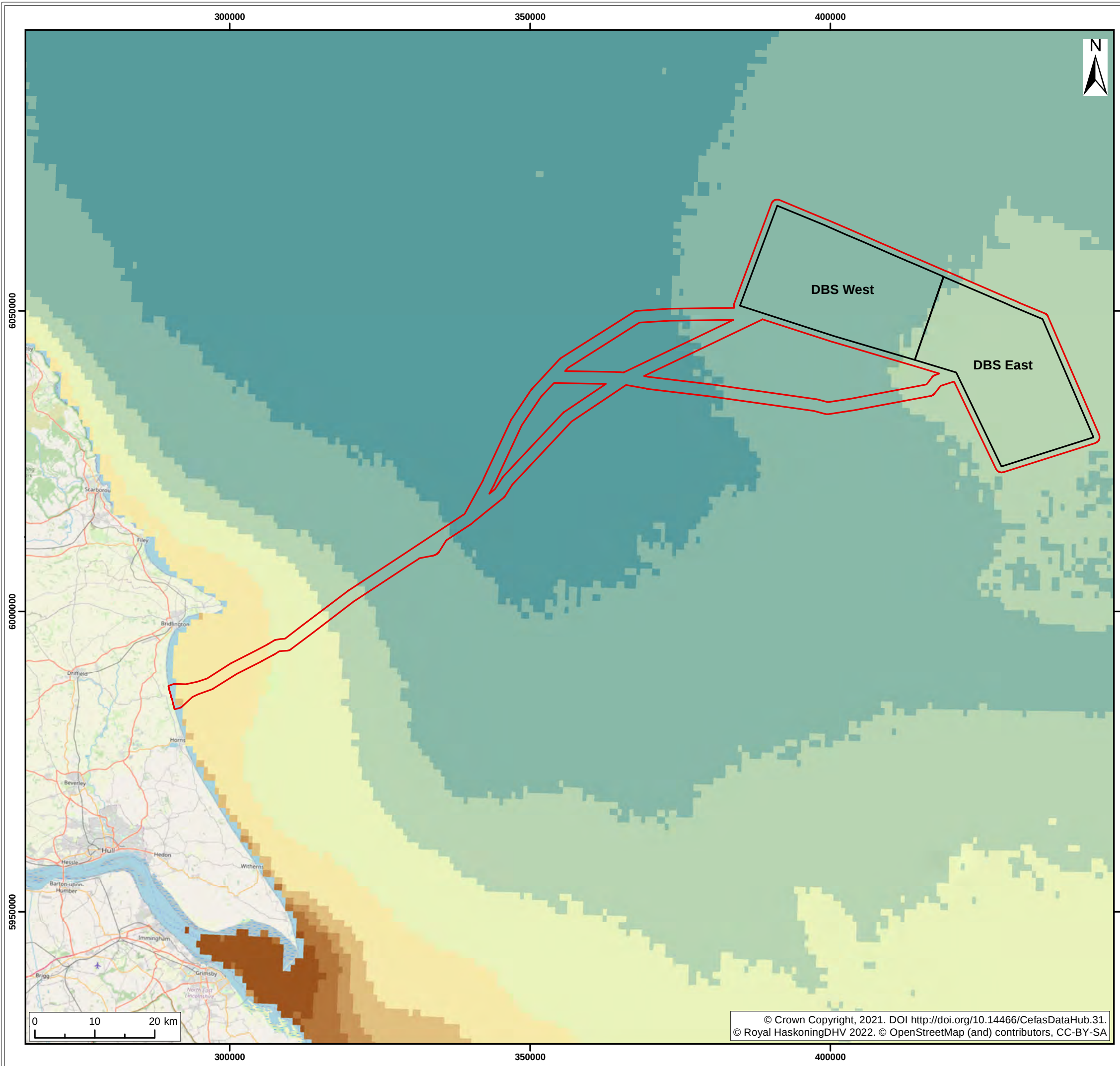
Figure: 8-6 Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0362

Co-ordinate system: WGS 1984 UTM Zone 31N Page Size: A3 Scale: 1:900,000

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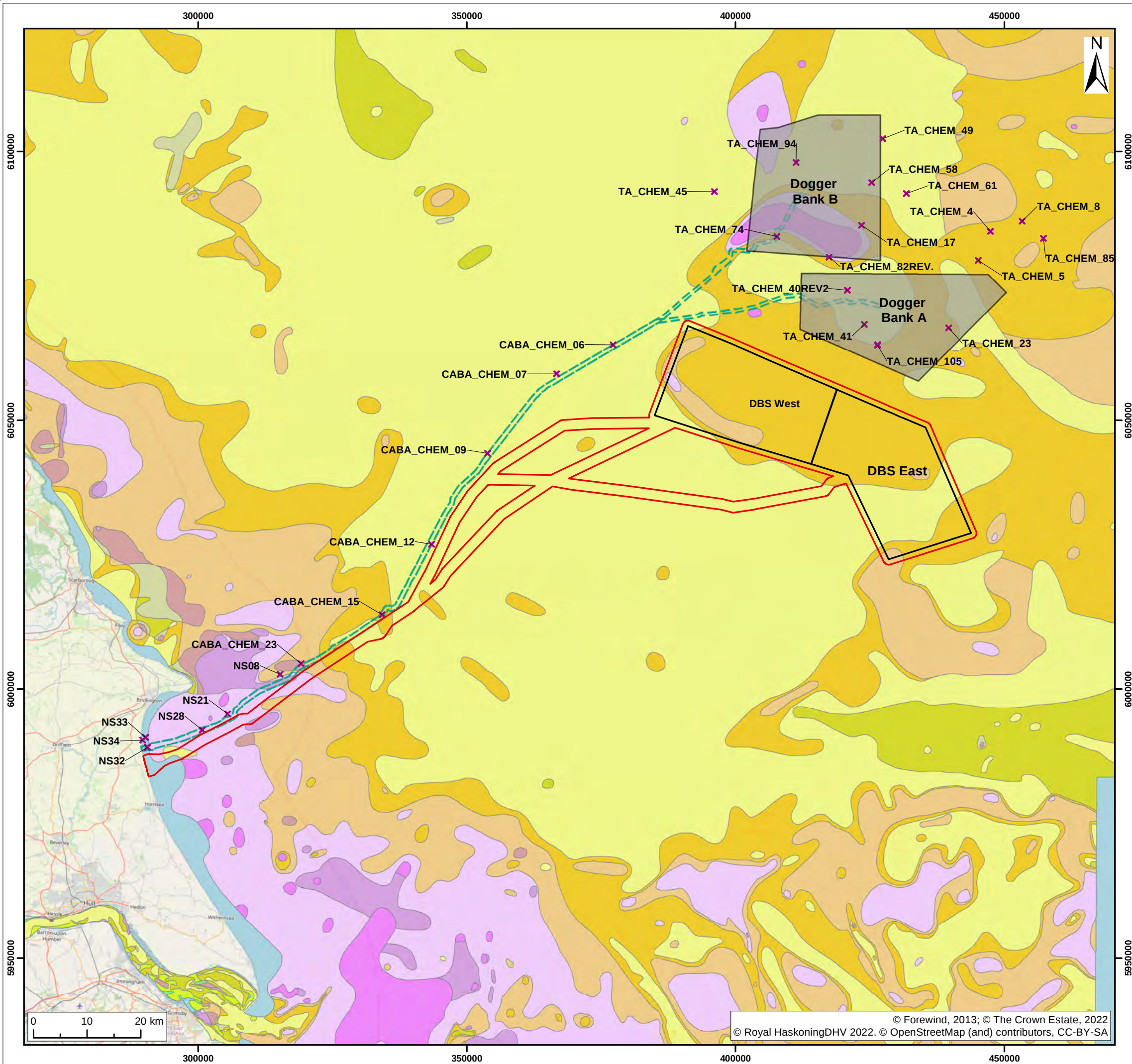
Legend:

- Offshore Development Area
- Array areas

SPM 1998-2015 (mg/l)

1
2
3
5
10
15
20
30
>30

A1	C01	05/01/2023	Authorized	TC	DB	HC
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR
Title:						
Variations in Suspended Particulate Matter (1998-2015) across the Offshore Development Area						
Figure: 8-7		Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0361				
Co-ordinate system: WGS 1984 UTM Zone 31N			Page Size: A3		Scale: 1:625,000	
Project: Dogger Bank South Offshore Wind Farms			Report: Preliminary Environmental Information Report			



- Legend:
- Offshore Development Area
 - Array areas
 - Dogger Bank A & B Offshore Wind Farms
 - Dogger Bank A & B Offshore Wind Farm Export Cable Corridors
 - Dogger Bank A & B Sediment Contaminant Sample
 - GRAVEL
 - GRAVEL, MUDDY, SANDY
 - GRAVELLY MUD
 - GRAVELLY MUDDY SAND
 - GRAVELLY SAND
 - MUD
 - MUDDY GRAVEL
 - MUDDY SAND
 - SAND
 - SANDY GRAVEL
 - SANDY MUD
 - SLIGHTLY GRAVELLY MUD
 - SLIGHTLY GRAVELLY MUDDY SAND
 - SLIGHTLY GRAVELLY SAND
 - SLIGHTLY GRAVELLY SANDY MUD
 - UNDIFFERENTIATED BEDROCK

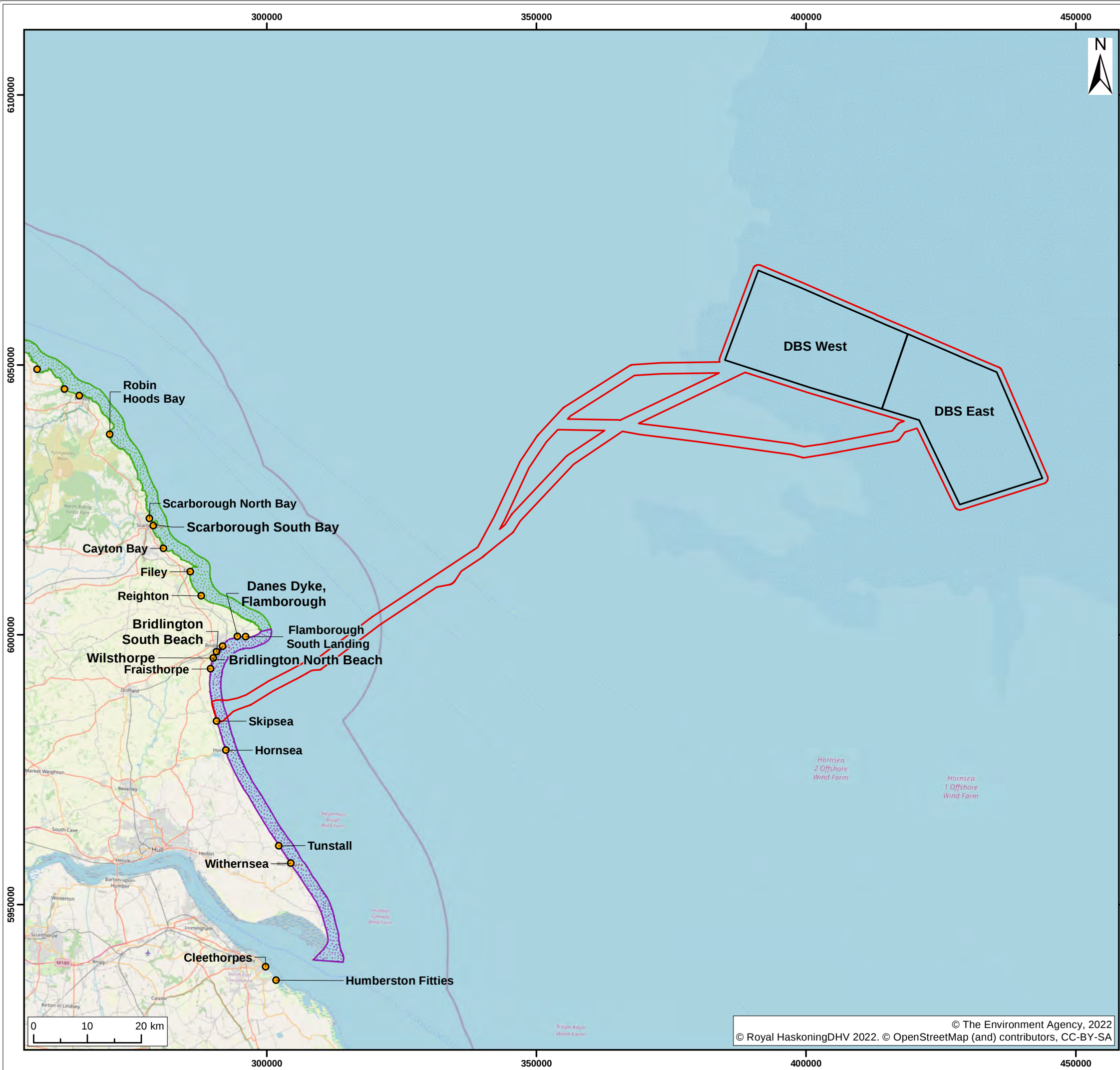
A1	C02	06/01/2023	Authorized	TC	CC	HC
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

Title:

Sample site locations against offshore study area

Figure: 8-8		Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0374	
Co-ordinate system: WGS 1984 UTM Zone 31N		Page Size: A3	Scale: 1:700,000
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- Legend:
- Offshore Development Area
 - Array areas
- WFD Transitional & Coastal Water Bodies**
- Yorkshire North
 - Yorkshire South
- Protected Areas**
- Designated Bathing Waters

A1	C02	06/01/2023	Authorized	TC	CP	HC
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

Title:

WFD water bodies and bathing waters against Offshore Study Area

Figure: 8-9 Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0375

Co-ordinate system: WGS 1984 UTM Zone 31N	Page Size: A3	Scale: 1:700,000
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- Legend:
- Offshore Development Area
 - Array areas
 - ERYC Beach Profiles**
 - Area of Interest
 - Other

A1	C01	05/01/2023	Authorized	TC	DB	HC
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

Title:

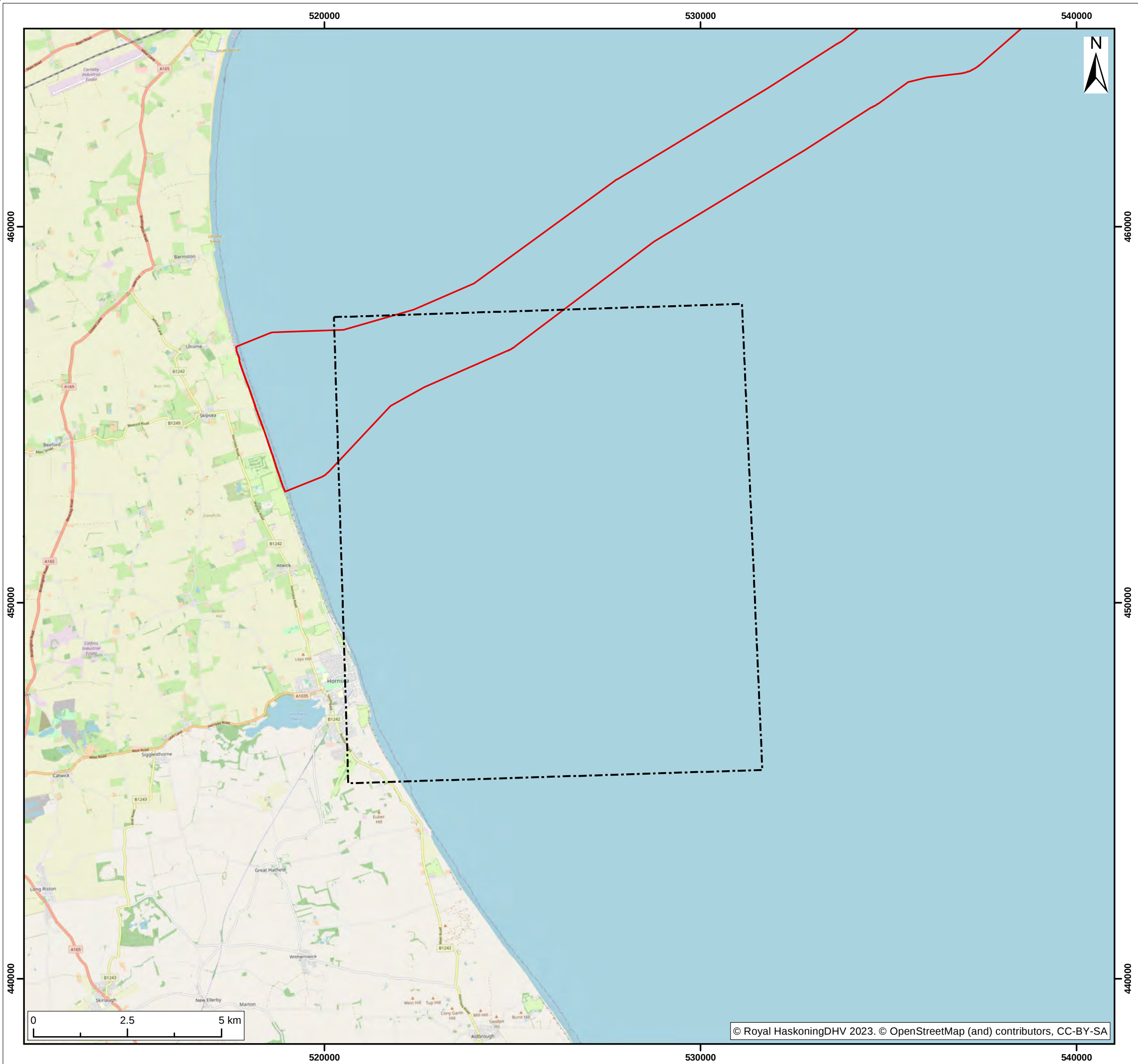
Holderness coast and location of ERYC beach monitoring profiles

Figure: 8-10 Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0364

Co-ordinate system: WGS 1984 UTM Zone 31N	Page Size: A3	Scale: 1:75,000
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- Legend:
- Offshore Development Area
 - UKCP18 model grid

A1	C01	13/02/2023	Authorized	SB		
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

Title:
UKCP18 model grid used to derive sea-level rise projections for the proposed landfall location (source UKCP18)

Figure: 8-11 Drawing No: PC2340-RHD-OF-ZZ-DR-Z-0478

Co-ordinate system: British National Grid	Page Size: A3	Scale: 1:100,000
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