

NOTICE TO MARINERS

DOGGER BANK OFFSHORE WIND FARM

DATE OF ISSUE:	25/06/2021
NOTICE TO MARINER NUMBER	LF700013-MIP-DOG-NOT-0003

Dogger Bank C Export Cable, Uncrewed Vessel Cable Route Survey

LOCATION DESCRIPTION		Dogger Bank C Export cable route	
COORDINATES WGS 84	The survey is a 500m corridor centred on this route	DBC 01 54° 36'.082N	000° 58'.318W
		DBC 02 54° 36'.216N	000° 51'.618W
		DBC 03 54° 37'.342N	000° 47'.279W
		DBC 04 54° 37'.349N	000° 44'.394W
		DBC 05 54° 37'.590N	000° 42'.808W
		DBC 06 54° 37'.450N	000° 38'.397W
		DBC 07 54° 38'.049N	000° 34'.855W
		DBC 08 54° 39'.655N	000° 32'.535W
		DBC 09 54° 40'.091N	000° 27'.885W
		DBC 10 54° 41'.382N	000° 12'.932W
		DBC 11 54° 42'.532N	000° 09'.251W
		DBC 12 54° 42'.762N	000° 02'.283E
		DBC 13 54° 44'.056N	000° 14'.113E
		DBC 14 54° 47'.610N	000° 29'.257E
		DBC 15 54° 47'.653N	000° 38'.008E
		DBC 16 54° 50'.147N	000° 54'.929E
		DBC 17 54° 52'.065N	001° 17'.337E
		DBC 18 54° 50'.959N	001° 51'.656E
		DBC 19 54° 51'.089N	002° 00'.161E
		DBC 20 54° 50'.800N	002° 13'.143E
		DBC 21 54° 51'.100N	002° 17'.368E
		DBC 22 55° 01'.081N	002° 34'.708E
START DATE/TIME		28 th June 2021	
ESTIMATED END DATE/TIME		29 th July 2021	

Description of Hazard/Operation

Dogger Bank Project will be carrying out a bathymetry survey of the Dogger Bank C export cable route using remotely piloted uncrewed Surface Vessels (USV).

The USVs will be mobilised from Hartlepool Marina where each will transit under escort to the survey area. Survey operations will be continuous, 24 hours a day,

A support vessel will escort the USV throughout the operations from the harbour entrance and will then continue transiting towards the survey site until the area is safe & clear of hazards.

Although the vessel is uncrewed, it is managed throughout the 24hour operation piloted remotely using 360 degree cameras and other navigational aids.


Passing vessels are requested to maintain a minimum 500m safety distance from **USV** during operations, reducing speed to minimise wake disturbance.

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Contact Details

MARINE COORDINATION CONTACT	John Bray John.bray@sse.com
FLO CONTACT	Stephen Appleby – Brown&May Marine sja@brownmay.com Mob: 07887777001
CONTRACTOR CONTACT	Tom Davenport – X Ocean tom.davenport@xocean.com mob: +44 7759 237 524

Supporting Information

Vessel Name – X 03 Unmanned X 11 Unmanned	Vessel Contact Details	
	X 03 Unmanned	
	Call Sign	MENP7
	MMSI	232019976
	X 11 Unmanned	
	Call Sign	MIRG4
	MMSI	232033343
	Vessel Details	
	Length	4.5m
	Breadth	2.2m
	Draft	1.0m
	Displacement	750Kg
	Other Information	
	The USV sends real time images and situational awareness data over satellite to a team of operators keeping watch and controlling the vessel remotely 24/7	
	The USV is equipped with the following to make it conspicuous to other marine traffic:	
AIS		
Navigation Lights & sound signal		
Active RADAR reflector		
Superstructure painted Yellow		

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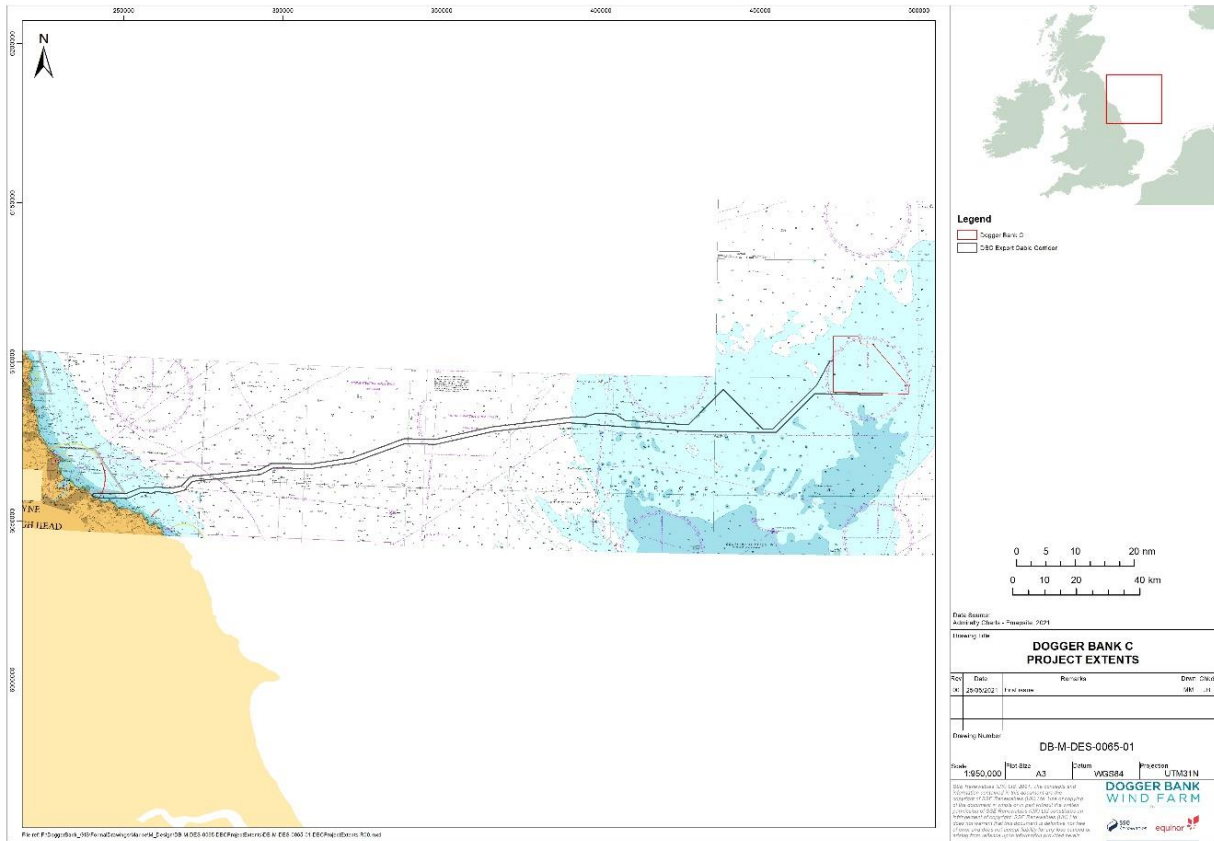


Fig 1 Location Chart DBC Export cable corridor route