

NOTICE TO MARINERS

DOGGER BANK OFFSHORE WIND FARM

DATE OF ISSUE:	14/04/2024
NOTICE TO MARINER NUMBER	LF500013-MIP-DOG-NOT-0017 Rev 02

Dogger Bank A Boundary Buoy As-Installed Locations

LOCATION DESCRIPTION		Dogger Bank A & B Offshore Windfarm, Construction Zones
COORDINATES WGS 84	DBA / DBB	See Table 1 below
DATE of Installation		03/04/2024

Description of Installation

The **NLV Pharos** has completed a limited construction boundary demarcation buoy removal and relocation operation on the Dogger Bank A and B boundary demarcation buoys in the Southern North Sea. The resultant boundary buoy deployment now marks both DBA and DBB as one large construction site.

The operation included the removal of 2 previously deployed Special Marks from DBA and 3 from DBB. The DBB SP10 Special Mark has been re-located. A total of 32 construction boundary demarcation buoys will remain in location until the windfarm construction activities have been completed and handed over to the Operations and Maintenance teams.

Once the permanent Aids to Navigation (AtoN) have been installed on the WTGs, Trinity House will approve the permanent AtoN and the boundary buoys will be removed.

If anyone finds a buoy that is off station or encounters a buoy location where it is not functioning or is missing, they should report this to the Dogger Bank Duty Marine Coordinator as soon as possible.

Contact Details

Marine Coordination Contact	Duty Marine Coordinator Tel: +44 (0) 7586 332078 gm_dbmcc@equinor.com
Fisheries Liaison Officer (FLO) CONTACT	Alex Winrow-Giffin, Brown & May Marine Ltd Alex@brownmay.com Tel: 01379 870181 Mob: 07760 160039 Zoë Lawrence - Brown & May Marine Ltd zoe@brownmay.com Mob: 07923 138175

Supporting Information

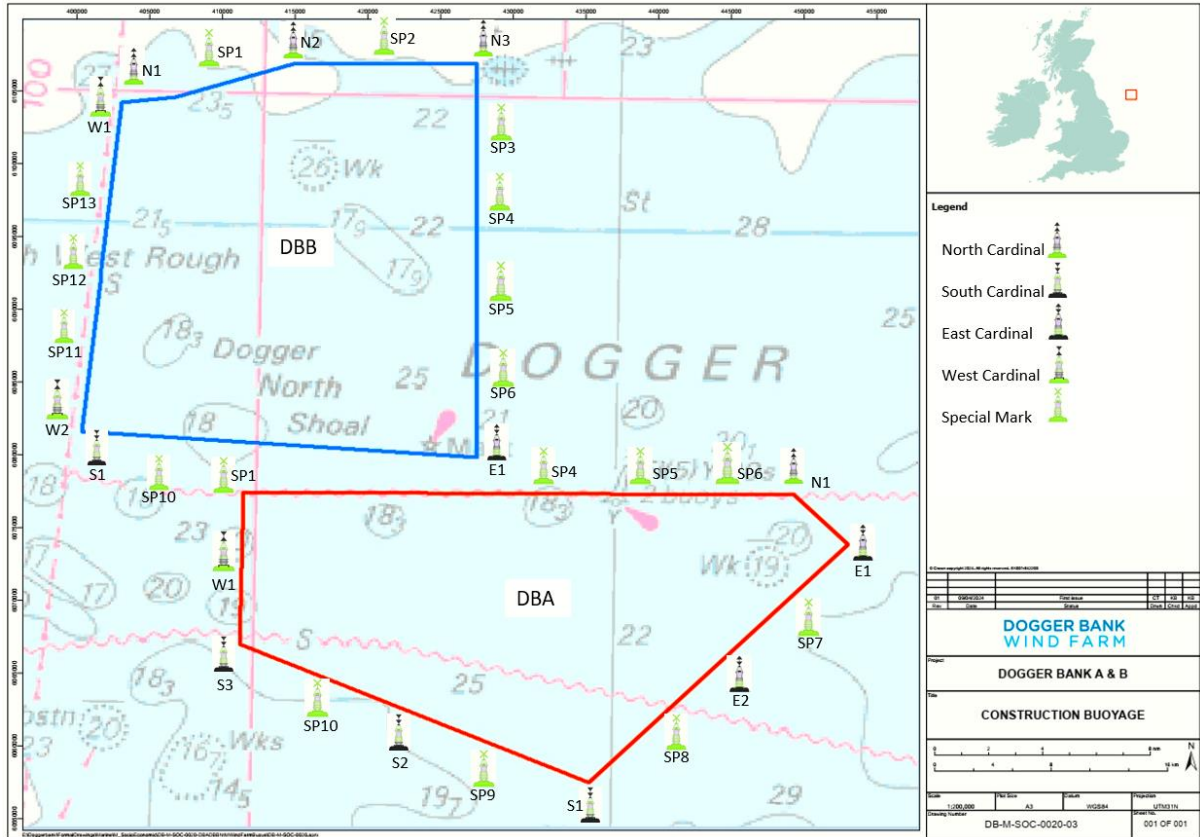


Figure 1: DBA and DBB Boundary Buoyage locations

Table 1 – DBA As-installed locations for construction boundary buoys

Buoy	ID	Location Datum: WGS 84		Top Mark and Light Specifications
		Latitude	Longitude	
North Cardinal	N1	54° 50.630' N'	002° 10.286' E	North Cardinal top mark. VQkFI
East Cardinal	E1	54° 48.815' N	002° 14.689' E	East Cardinal top mark QkFI (3) 10s
East Cardinal	E2	54° 43.989' N	002° 06.623' E	East shaped top mark VQkFI (3) 5s light
South Cardinal	S1	54° 39.162' N	001° 58.695' E	South Cardinal top mark QkFI (6) + LFI 15s
South Cardinal	S2	54° 41.706' N	001° 48.096' E	South Cardinal top mark VQkFI (6) + LFI 10s
South Cardinal	S3	54° 44.216' N	001° 37.550' E	South Cardinal top mark QkFI (6) + LFI 15s

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Buoy	ID	Location Datum: WGS 84		Top Mark and Light Specifications
		Latitude	Longitude	
West Cardinal	W1	54° 47.380' N	001° 37.346' E	West Cardinal top mark QWkFI (9) 15s
Special Mark	SP1	54° 50.526' N	001° 37.141' E	Yellow 'X' shaped top mark FI (Y) 5s light
Special Mark	SP4	54° 50.577' N	001° 53.697' E	Yellow 'X' shaped top mark FI (Y) 5s light
Special Mark	SP5	54° 50.595' N	001° 59.216' E	Yellow 'X' shaped top mark FI (Y) 5s light
Special Mark	SP6	54° 50.612' N	002° 04.734' E	Yellow 'X' shaped top mark FI (Y) 5s light
Special Mark	SP7	54° 46.402' N	002° 10.594' E	Yellow 'X' shaped top mark FI (Y) 5s light
Special Mark	SP8	54° 41.575' N	002° 02.657' E	Yellow 'X' shaped top mark FI (Y) 5s light
Special Mark	SP9	54° 40.442' N	001° 53.365' E	Yellow 'X' shaped top mark FI (Y) 5s light
Special Mark	SP10	54° 42.970' N	001° 42.825' E	Yellow 'X' shaped top mark FI (Y) 5s light

Table 2 – DBB As-installed locations for construction boundary buoys

Buoy	ID	Location Datum: WGS 84		Top Mark and Light Specifications
		Latitude	Longitude	
North Cardinal	N1	55° 04.818' N	001° 31.464' E	<ul style="list-style-type: none"> •Exhibiting a Quick (Q) light character •Pillar shaped with a north cardinal shaped topmark
North Cardinal	N2	55° 06.289' N	001° 40.488' E	<ul style="list-style-type: none"> •Exhibiting a Very Quick (V Q) light character •Pillar shaped with a north cardinal shaped topmark
North Cardinal	N3	55° 06.394' N	001° 51.771' E	<ul style="list-style-type: none"> •Exhibiting a Very Quick (V Q) light character •Pillar shaped with a north cardinal shaped topmark
East Cardinal	E1	54° 52.116' N	001° 52.166' E	<ul style="list-style-type: none"> •Exhibiting a V Q (3) 5s light character •Pillar shaped with an east cardinal shaped topmark
South Cardinal *	S1	54° 51.165' N	001° 28.891' E	<ul style="list-style-type: none"> •Exhibiting a V Q (6) + L FI 10s light character •Pillar shaped with a south cardinal shaped topmark
West Cardinal	W1	55° 03.895' N	001° 28.962' E	<ul style="list-style-type: none"> •Exhibiting a V Q (9) 10s light character •Pillar shaped with a west cardinal shaped topmark
West Cardinal	W2	54° 53.144' N	001° 27.303' E	<ul style="list-style-type: none"> •Exhibiting a V Q (9) 15s light character •Pillar shaped with a west cardinal shaped topmark
Special Mark	SP1	55° 05.554' N	001° 35.981' E	<ul style="list-style-type: none"> •Exhibiting a FI (4) Y 12s light character •Pillar shaped with a yellow 'x' shaped topmark
Special Mark	SP2	55° 06.342' N	001° 46.130' E	<ul style="list-style-type: none"> •Exhibiting a FI (4) Y 12s light character •Pillar shaped with a yellow 'x' shaped topmark

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Special Mark	SP3	55° 03.547' N	001° 51.846' E	<ul style="list-style-type: none"> •Exhibiting a Fl (4) Y 12s light character •Pillar shaped with a yellow 'x' shaped topmark
Special Mark	SP4	55° 00.689' N	001° 51.927' E	<ul style="list-style-type: none"> •Exhibiting a Fl (4) Y 12s light character •Pillar shaped with a yellow 'x' shaped topmark
Special Mark	SP5	54° 57.832' N	001° 52.007' E	<ul style="list-style-type: none"> •Exhibiting a Fl (4) Y 12s light character •Pillar shaped with a yellow 'x' shaped topmark
Special Mark	SP6	54° 54.974' N	001° 52.086' E	<ul style="list-style-type: none"> •Exhibiting a Fl (4) Y 12s light character •Pillar shaped with a yellow 'x' shaped topmark
Special Mark *	SP10	54° 50.846' N	001° 33.226' E	<ul style="list-style-type: none"> •Exhibiting a Fl (4) Y 12s light character •Pillar shaped with a yellow 'x' shaped topmark
Special Mark	SP11	54° 55.832' N	001° 27.717' E	<ul style="list-style-type: none"> •Exhibiting a Fl (4) Y 12s light character •Pillar shaped with a yellow 'x' shaped topmark
Special Mark	SP12	54° 58.520' N	001° 28.131' E	<ul style="list-style-type: none"> •Exhibiting a Fl (4) Y 12s light character •Pillar shaped with a yellow 'x' shaped topmark
Special Mark	SP13	55° 01.207' N	001° 28.546' E	<ul style="list-style-type: none"> •Exhibiting a Fl (4) Y 12s light character •Pillar shaped with a yellow 'x' shaped topmark

- **DBB S1 and SP10 marks re-located from original position**

Table 1: Boundary Buoy Characteristics

North Cardinal Mark	South Cardinal Mark	East Cardinal Mark	West Cardinal Mark	Special Mark
