

NOTICE TO MARINERS

Issue Date: 10th February 2021

VIKING LINK Project

Pre-Sweeping Works UK

Mariners are advised about sand wave Pre-Sweeping Works planned for the Viking Link project which is a HVDC electricity transmission interconnector between Denmark and England, a joint venture between National Grid and Energinet.

The Pre-Sweeping Works covered by this notice are in UK waters and they are planned to commence on the **17th February 2021** with expected completion by the early March 2021.

In some locations of the cable route (**Figure 1**), previous survey results have indicated mobile seabed sediments, in particular sand waves/mega ripples which, by their mobile nature, tend to have a steep side and crest which can easily cause problems when trying to bury the cable.

Pre-Sweeping Works consist of the dredging of sand waves/mega ripples in the following areas of the cable route:

		ETRS89 – UTM31			ETRS89	
		Geodetic KP	Easting [m]	Northing [m]	Latitude	Longitude
AREA 1	From	468.200	424343	5992400	54° 04.454' N	001° 50.623' E
	To	484.000	409058	5989267	54° 02.617' N	001° 36.668' E
AREA 2	From	538.000	363397	5963374	53° 48.058' N	000° 55.547' E
	To	547.000	355787	5958654	53° 45.391' N	000° 48.751' E
AREA 3	From	549.000	354516	5957154	53° 44.562' N	000° 47.638' E
	To	558.000	350054	5949466	53° 40.343' N	000° 43.805' E
AREA 4	From	566.000	346867	5942186	53° 36.365' N	000° 41.128' E
	To	568.000	346116	5940354	53° 35.365' N	000° 40.502' E
AREA 5	From	595.500	326412	5925533	53° 27.011' N	000° 23.152' E
	To	597.000	324993	5925057	53° 26.726' N	000° 21.887' E
AREA 6	From	603.000	325538	5919528	53° 23.758' N	000° 22.562' E
	To	618.000	321294	5908478	53° 17.720' N	000° 19.111' E

The Pre-Sweeping Works are being managed by **Prysmian PowerLink** carried out by **DEME Boskalis JV** and planned to be carried out by mobilizing the Trailing Suction Hopper Dredger (TSHD) **Scheldt River (Figure 2)**. The TSHD is a specially designed, powerful sea-going dredging vessel equipped with

one or two suction pipes and a large hopper to contain the dredged materials for transport between the dredging location and the disposal area.

Once the hopper approaches the dredge location, it lowers the dredger-head attached to the lower end of the suction pipe to the seabed. The seabed material is loosened and removed from the seabed to form the trench by a combination of suction provided by the dredge pump located in the vessel's hull, the forward motion of the vessel and the cutting and jetting characteristics of the dredger-head teeth and jets. The removed soil is raised via the suction pipe into the vessel's hopper. There, the sand material settles due to gravity and the water flows back to the sea through the overflows situated in the hopper. When loading of the hopper is completed, the TSHD will relocate to a discharge area, in the close vicinity, where the seabed material will be placed by opening the bottom doors.

The TSHD will be assisted in her works by a dedicated survey vessel, **Geo Focus (Figure 3)**.

In **Figure 4**, the expected TSHD transit route (coming from Zeebrugge, Belgium) to start and end of pre-sweeping scope of work is showed.

Vessels are requested to pass at a safe speed and distance and fishing vessels are advised to remain a safe distance, approximately 1000m (0.5 nautical miles) from the areas identified. During these works the vessel will have restricted maneuverability as it completes its work scope.

VHF CH 16 will be monitored at all times and will be used to contact the coastguard in the event of an emergency.



Figure 1 – Viking Link Cable Route & working area



Figure 2 – Pre-Sweeping Works vessel Scheidt River

Name: Scheidt
River
IMO: 9778143
MMSI:
205708000
Call Sign:
ORSB



Figure 3 – Survey vessel Geo Focus

Name: Geo
Focus
IMO: 9628855
MMSI:
246836000
Call Sign:
PCOS

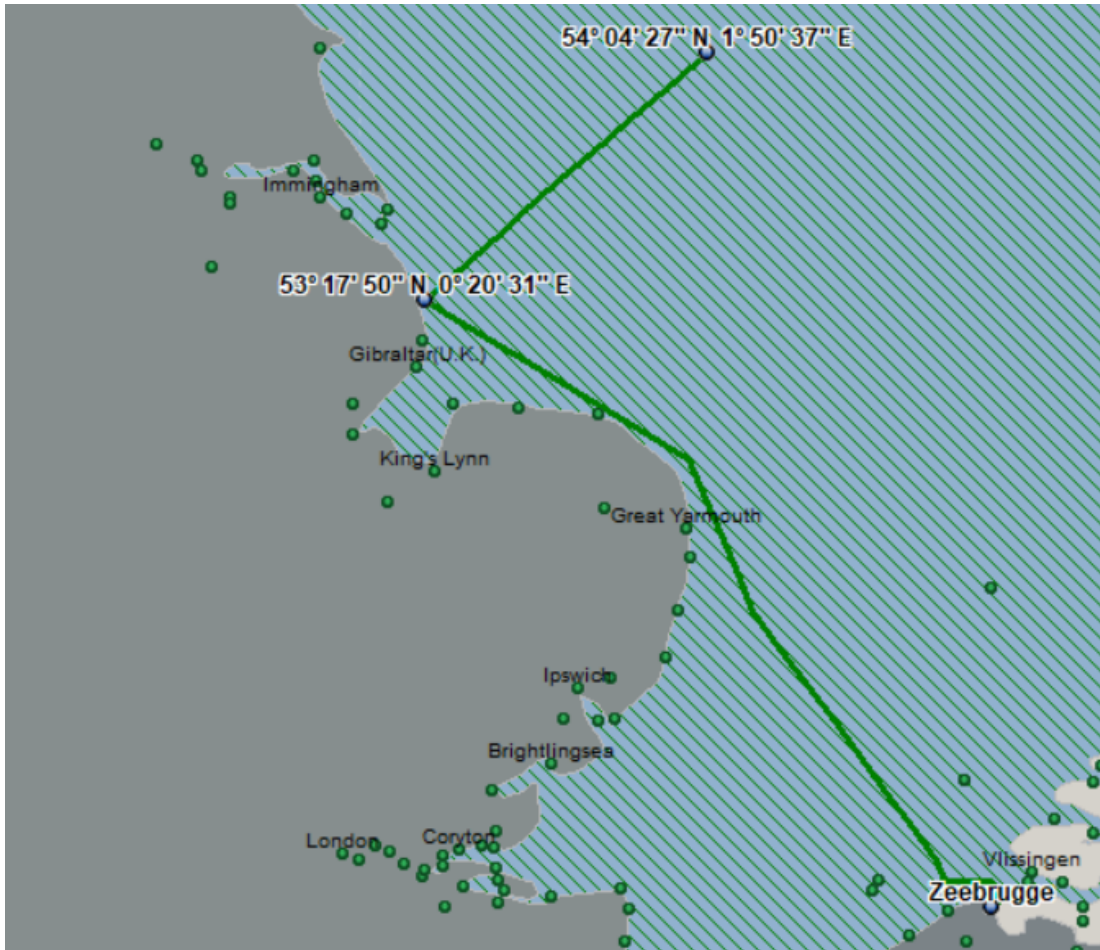


Figure 4 – Expected TSHD transit route to start and end of pre-sweeping scope of work, coming from Zeebrugge (Belgium)

Contact Details:

Further enquiries should be addressed to the following contacts:

FLO contact	Jonathan Keer jonathan@brow-nmay.com Mobile: +44 7850 604851
	Freya Sandison freya@brow-nmay.com Mobile: +44 7857 500609
Prysmian Project Manager	Matteo Borselli matteo.borselli@prysmiangroup.com Mobile: +39 338 65 41 587
Prysmian Project Manager	Cian McKeown cian.mckeown@prysmiangroup.com Mobile: +39 366 68 89 174
DEME Boskalis JV Project Manager	Marco de Lange De.Lange.Marco@deme-group.com Mobile: +31 6 23 09 69 15
Vessel (Scheldt River)	captain.scheldtriver@ships.deme-group.com Vessel Mobile: +49 171 472 39 82 VSAT Bridge: +49 421 517 219 141 1
Vessel (Geo Focus)	Call Sign: PCOS IMO Number: 9628855 MMSI: 246836000