

NOTICE TO MARINERS

Issue Date: 20th July 2021

VIKING LINK Project

HVDC Cable Laying and Burial Work

Mariners are advised about landfall works at Boygriff, Lincolnshire (English Landfall) planned for the Viking Link project which is an HVDC electricity transmission interconnector between Denmark and England, a joint venture between National Grid and Energinet. The works include cable lay and burial works operations.

Cable lay and burial works of the HVDC installation are planned to take place from:

- Cable lay 10th May –23rd June 2021
- Cable Burial 12th May – 30th August 2021

The route length of the main HVDC interconnection (2x bundles power cables + 1x Fibre Optic Cable) is in the order of 620km. The work covered by this NtM is covering the first campaign of 51km in length starting from the UK the landfall at Boygriff.

The works covered within this Notice to Mariners are divided in the following activities:

- Cable Lay
- Cable Burial

The Cable Lay works are being carried out by:

Prysmian PowerLink using **Cable Enterprise** (IMO 8645806; MMSI 235093018; Call Sign 2FOV9). Supported by a tug Norne (IMO 9612806; MMSI 245460000; Call Sign PCJR).

The Cable burial works are being carried out by:




Asso.subsea using Atalanti (IMO 8661616; Call Sign 5BYY2) using the trenching tool AssoTrencher V and the Argo (IMO 9523366; Call Sign 5BDF3) using the jetting tool AssoJet III and trenching tool AssoTrencher IV.

Vessels and their contact details are given in **Table 1** below.

Vessels are requested to pass at a safe speed and distance and fishing vessels are advised to remain a safe distance, approximately 550m (0.3 nautical miles) from the areas identified. During these works the vessel will have restricted manoeuvrability as it completes its work scope.

Deployed Guard Vessels will monitor the exposed areas of cable while burial progresses and advise of safe distances locally.

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

Vessel Name	Vessel Photograph	Vessel Details
Cable Lay Vessel – “Cable Enterprise”		MMSI: 235093018 Call Sign: 2FOV9
TUG - “Norne”		MMSI: 245460000 Call Sign: PCJR
Cable Laying Barge as Support Vessel – “Atalanti”		MMSI: 212279000 Call Sign: 5BYY2

Vessel Name	Vessel Photograph	Vessel Details
Trenching Support Vessel – “Argo”	 <p data-bbox="422 862 582 902">© Michael Thomas MarineTraffic.com</p>	MMSI: 209023000 Call Sign: 5BDF3

Table 1: Work vessel details

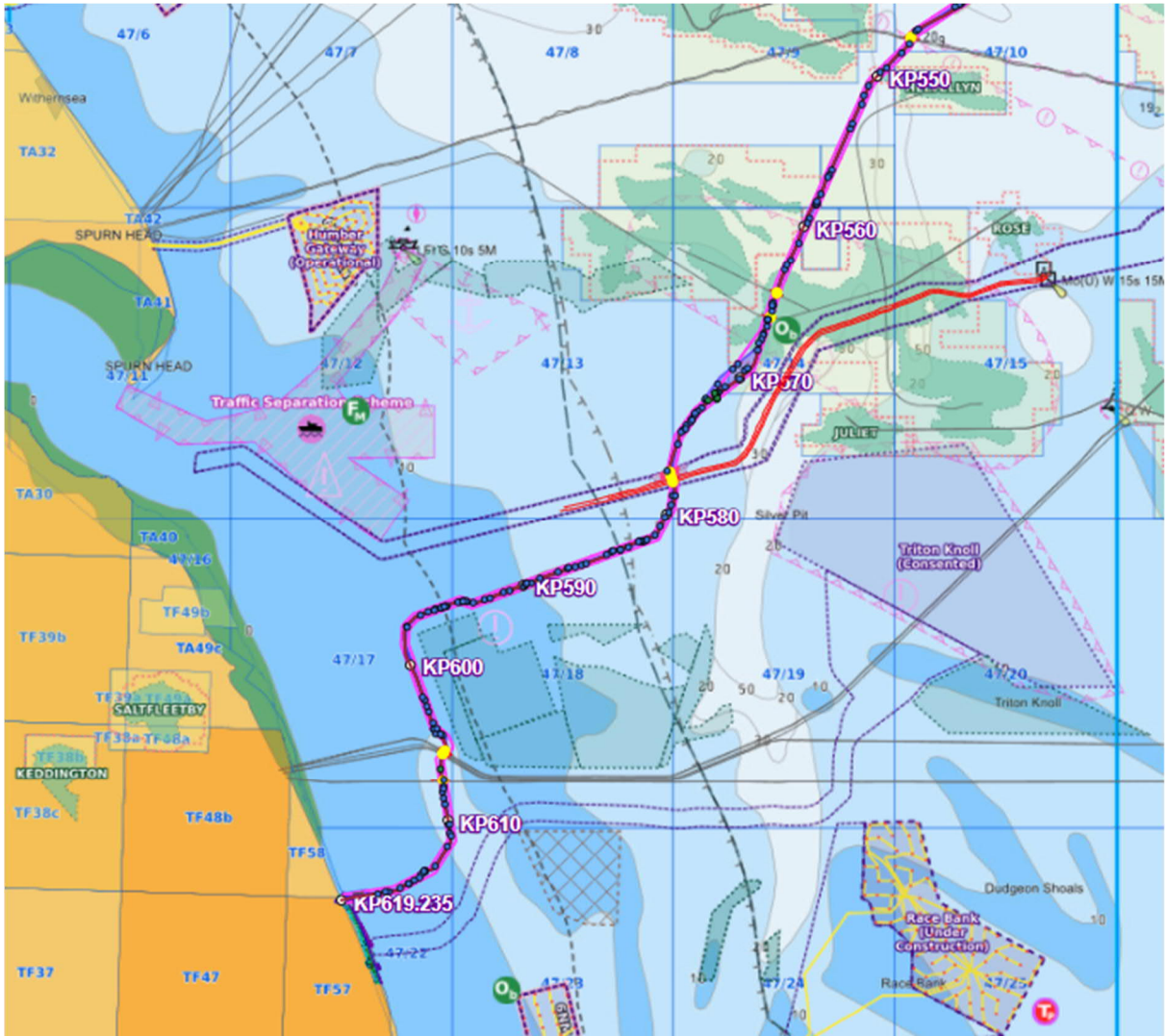


Figure 1: Overview of the Viking Link Interconnector area of work



Figure 2: Cable Enterprise” Transit Route and Passage Plan

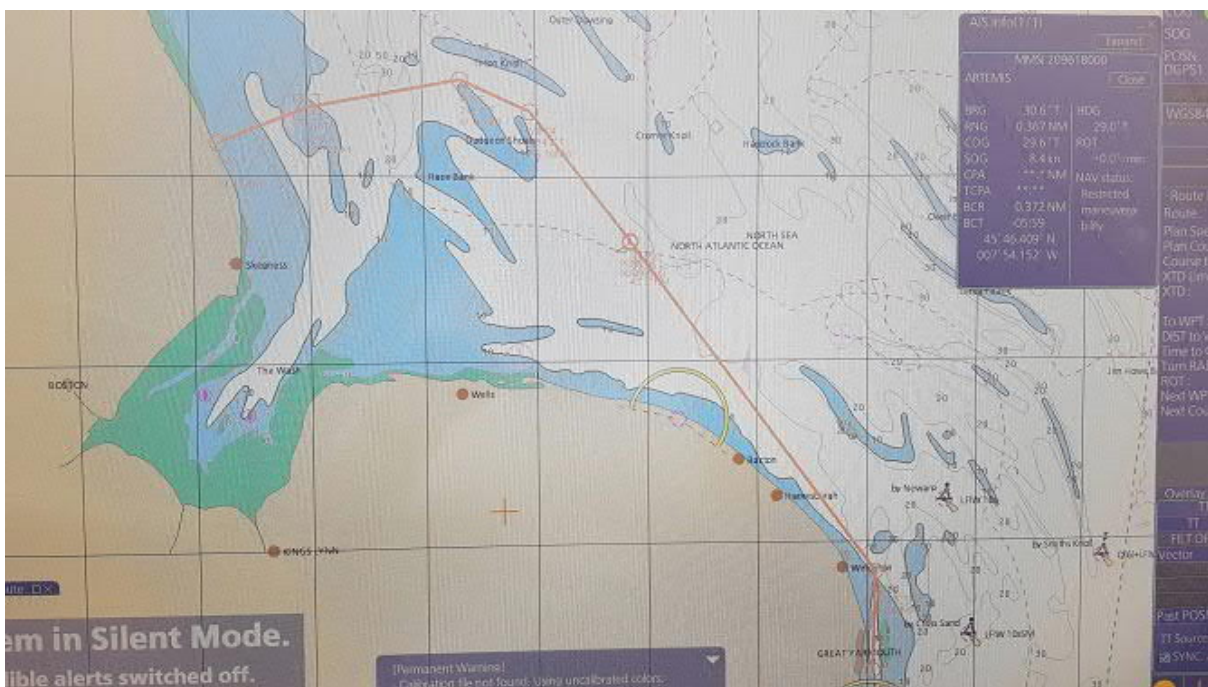


Figure 3: CLB “Atalanti” Transit Route and Passage Plan



Figure 4: TSV “Argo” Transit Route and Passage Plan

Works overview

Following completion of the landfall the Cable Laying vessel Cable Enterprise will surface lay the cable on the seabed along the HVDC cable route, detailed in Figure 2. In periods while the cable is exposed on the seabed guard vessels will be stationed to monitor the cable and provide advice to mariners.

Cable Burial will follow soon after the cable lay operations carried out by two vessels Atalanti and Argo.

Where cable burial is not possible (due to service crossings and / or where seabed conditions are unfavourable), guard vessels will remain on site.

Service crossing

As part of the first campaign the Viking Link HVDC cable crosses 11 existing service.

While awaiting the post lay protection operation, Guard vessels will remain in place to monitor the exposed cable.

DESCRIPTION	ETRS 1989 UTM 31N		ETRS89		WD LAT (m)	WD MSL (m)
	Easting [m]	Northing [m]	Latitude	Longitude		
Viking AR to Theddlethorpe 28-inch Gas 3-inch Methanol PL	326314	5915227	53° 21.456'N	000° 23.403'E	13.2	16.8

LOGGS PP to Theddlethorpe 4-inch Methanol PL	326355	5916842	53° 22.327'N	000° 23.387'E	13.3	17.0
LOGGS PP to Theddlethorpe 36 Gas PL	326366	5916859	53° 22.336'N	000° 23.397'E	13.3	16.8
Pickerill A_ to Theddlethorpe 24-inch Gas PL	326423	5916940	53° 22.381'N	000° 23.445'E	12.8	16.3
Theddlethorpe to Murdoch UK Inshore 4-inch Methanol PL	326484	5917027	53° 22.430'N	000° 23.498'E	13.1	16.7
Theddlethorpe to Murdoch MD UK Inshore 26-inch Gas PL	326496	5917045	53° 22.439'N	000° 23.508'E	13.0	16.6
Hornsea 1 eastern	340724	5932617	53° 31.099'N	000° 35.855'E	17.8	21.7
Hornsea 1 central	340689	5932735	53° 31.162'N	000° 35.820'E	18.3	22.3
Hornsea 1 western	340643	5932887	53° 31.243'N	000° 35.773'E	17.8	21.8
HOW02 NS NE	340610	5933012	53° 31.309'N	000° 35.740'E	17.7	21.7
HOW02 NS SW	340591	5933107	53° 31,360'N	000° 35,719'E	17.3	21.3
HOW02 NS NW	340561	5933249	53° 31,436'N	000° 35,689'E	17.0	21.1

Table 2: Locations for the Service Crossing

Contact Details:

Further enquiries should be addressed to the following contacts:

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