

NOTICE TO MARINERS

Issue Date: 03rd September 2021

VIKING LINK Project

HVDC Cable Laying and Burial Work

Mariners are advised about Cable Lay and Burial works 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 progressing offshore from the end of the previous nearshore campaign recently installed.

The works covered within this Notice to Mariners (NtMs) are divided in the following activities planned to take place from:

- Cable lay 17th September – 10th October 2021
- Cable Burial 25th September – 4th December 2021

The route length of the main HVDC interconnector (2x bundles power cables + 1x Fibre Optic Cable) is in the order of 620km. The work covered by this NtM is covering the second campaign of 106km in length, starting from the end of the first campaign recently installed from the UK landfall, which encompassed the first 51km section

The Cable Lay works are being carried out by:

Prysmian PowerLink using **Leonardo da Vinci** (IMO 9857315; MMSI 247415300; Call Sign IJVJ2).

The Cable burial works are being carried out by:

Asso.subsea using **Aethra** (IMO 9181481; MMSI 212466000; Call Sign 5BHH4) using the trenching tool AssoTrencher IV and the **Argo** (IMO 9523366; MMSI 209023000; 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 at a safe distance, approximately 550m (0.3 nautical miles) from the areas identified. The vessels 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 passing 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.




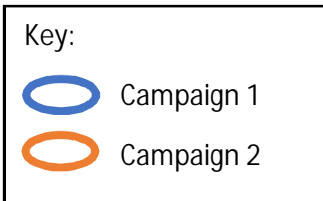
Vessel Name	Vessel Photograph		Vessel Details
Cable Lay Vessel – “Leonardo da Vinci”	 <p>© Sander Jacobsen MarineTraffic.com</p>		MMSI: 247415300 Call Sign: IJVJ2
Trenching Support Vessel – “Aethra”	 <p>© Claus Schaefer MarineTraffic.com</p> <p>Schiffsfotos@t-online.de</p>		MMSI: 212466000 Call Sign: 5BHH4
Trenching Support Vessel – “Argo”	 <p>© 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



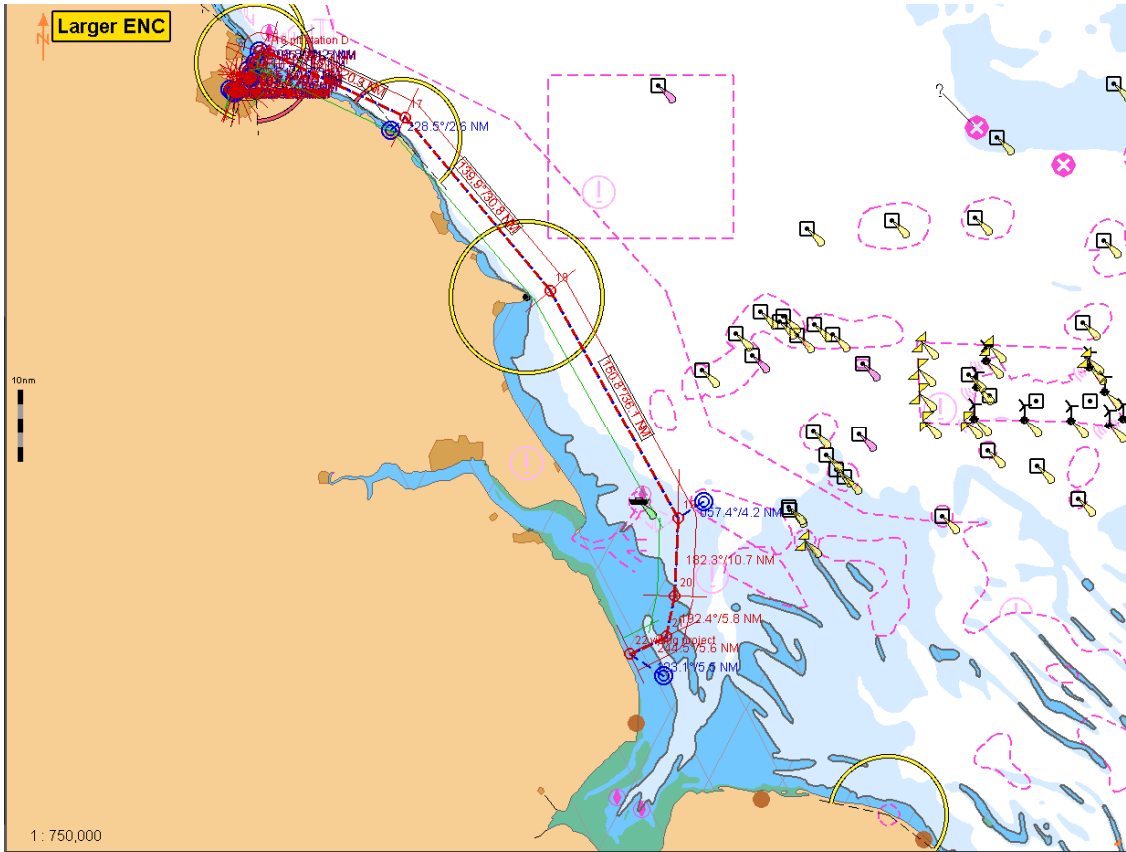


Figure 2: Leonardo da Vinci Transit Route and Passage Plan



Figure 3: TSV "Argo" & "Aethra" Transit Route and Passage Plan

Works overview

Following completion of the first campaign the Cable Laying vessel Leonardo da Vinci will join the Campaign 2 cable with the previously installed Campaign 1 cable and then surface lay the Campaign 2 cable on the seabed along the HVDC cable route, detailed in Figure 1. In periods while the cable is exposed on the seabed prior to cable protection, 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 the vessels Aethra and Argo.

Where cable burial is not possible (due to service crossings, etc), guard vessels will remain on site.

Service crossing

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

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		
Theddlethorpe to Murdoch MD - 26" Gas PL	417898	5990847	54° 03.558'N	001° 44.740'E	77,1	79,3
Theddlethorpe to Murdoch MD - 4" Methanol Line	417881	5990859	54° 03.564'N	001° 44.724'E	77,4	79,6
Esmond to Bacton - 24" Gas PL	413561	5990093	54° 03.109'N	001° 40.778'E	71,5	73,7
Shearwater to Bacton - 34" Gas PL (SEAL)	397506	5986981	54° 01.255'N	001° 26.132'E	41,2	43,7
Babbage to West Sole - 12" Gas Export PL	381164	5973958	53° 54.025'N	001° 11.478'E	34,1	36,9
West Sole to Easington - 16" Gas PL	355799	5958680	53° 45.406'N	000° 48.762'E	29,3	32,7
West Sole to Easington - 24" Gas PL	355753	5958579	53° 45.350'N	000° 48.723'E	29,4	33,0
Amethyst C1D to Amethyst A1D - Power Cable	347317	5943700	53° 37.188'N	000° 41.491'E	24,9	29,7
Amethyst C1D to Amethyst A1D - 12" Gas PL	347291	5943649	53° 37.161'N	000° 41.469'E	24,2	28,1
Amethyst A2D to Easington - Power Cable	346890	5942281	53° 36.417'N	000° 41.146'E	23,7	27,6
Amethyst A2D to Easington - 30" Gas PL	346878	5942233	53° 36.390'N	000° 41.137'E	23,9	27,7

Table 2: Locations for the Service Crossing

Contact Details:

Further enquiries should be addressed to the following contacts:

FLO contact

Jonathan Keer

jonathan@brownmay.com

Mobile: +44 7850 604851

Freya Sandison

freya@brownmay.com

Mobile: +44 7857 500609

Prysmian Project Manager

Alessandro Jared Crivelli

alessandro.crivelli@prysmiangroup.com

Mobile: +39 3454 595615

Prysmian Project Manager

Cian McKeown

cian.mckeown@prysmiangroup.com

Mobile: +39 3666 889174

Master of Leonardo da Vinci

Master

ldv.master@prysmiangroup.com

Bridge Sat: 00870773272742

ASSO Offshore Team Manager

Lampros Merkouris

lmerkouris@assogroup.com

Mobile: +30 211 888 5102

Vessel Master of Aethra

aethra@assogroup.com

Mobile: +30 694 8274 414

Vessel Master of Argo

argo@assogroup.com

Mobile: +30 6944 447 825