



# Notice to Mariners – Hornsea Project Two

## Notice of Export Cable Installation Activities – Cable Wet Storage – 14/09/2020

### 1. INTRODUCTION

Mariners are advised that Ørsted are continuing export cable installation works as part of the construction of the Hornsea Project Two Offshore Wind Farm. A section of the cable will be temporarily wet stored at a proposed cable joint location, shown in Figure 1 with coordinates provided in Section 7. A previous NtM was issued for wet storing another section of cable which is shown in Figure 2.

### 2. AREA OF OPERATIONS

Activities are being carried out on the Hornsea Project Two Offshore Wind Farm export cable route as shown in Figure 3. Mariners are advised that MaxSea and Olex plotter files of the proposed works area can be provided by the Project's Commercial Fisheries Advisors at Brown and May Marine Limited and the Project's onshore fisheries liaison. Contact details are provided in Section 5 of this Notice.

Note that these works will be carried out alongside ongoing survey operations using the Titan Endeavour, MHO Grimsby and Ivero which are currently on site, as well as boulder clearance and trial trenching activities for Hornsea Project Two.

Figure 1. Proposed wet stored cable location

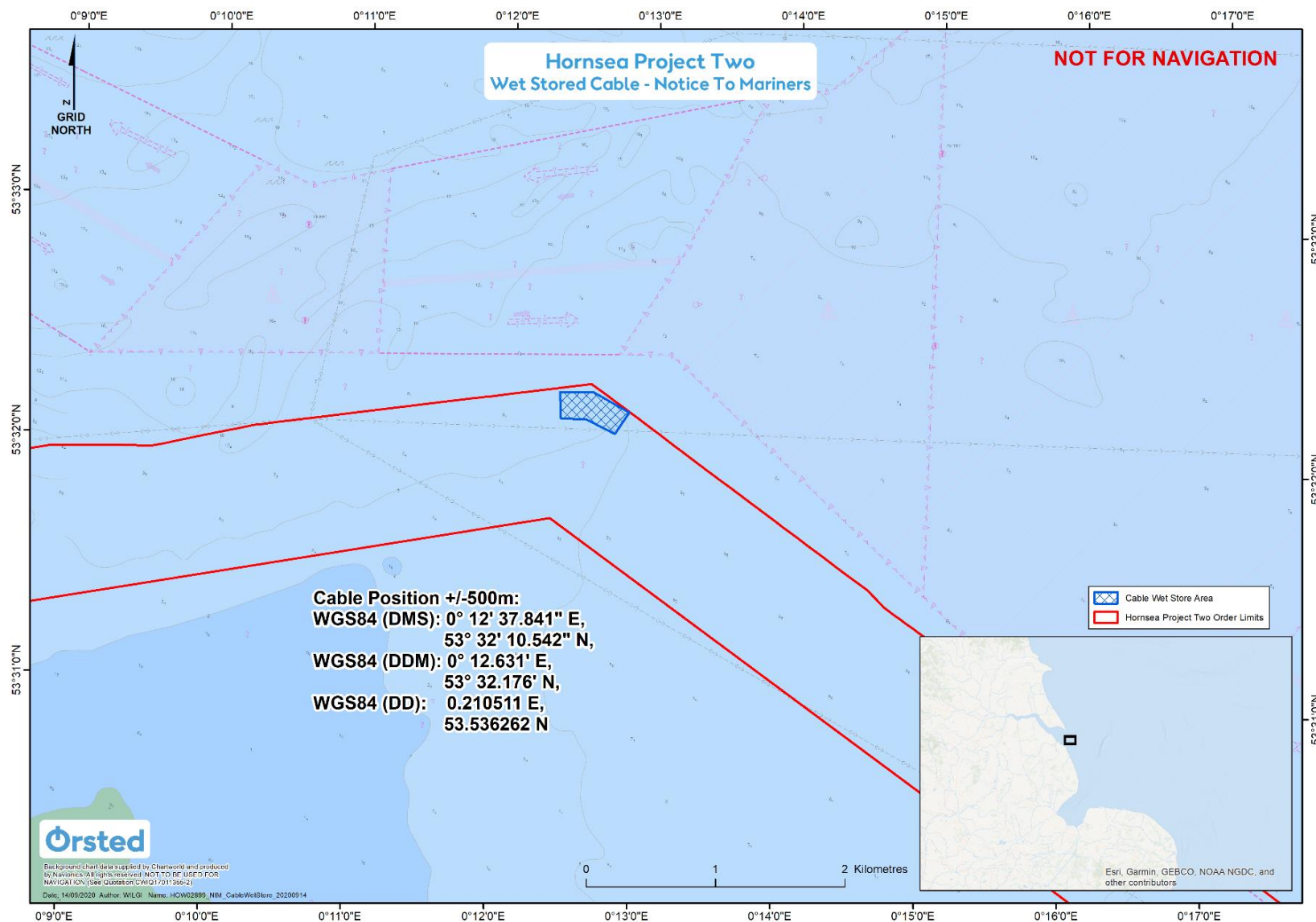
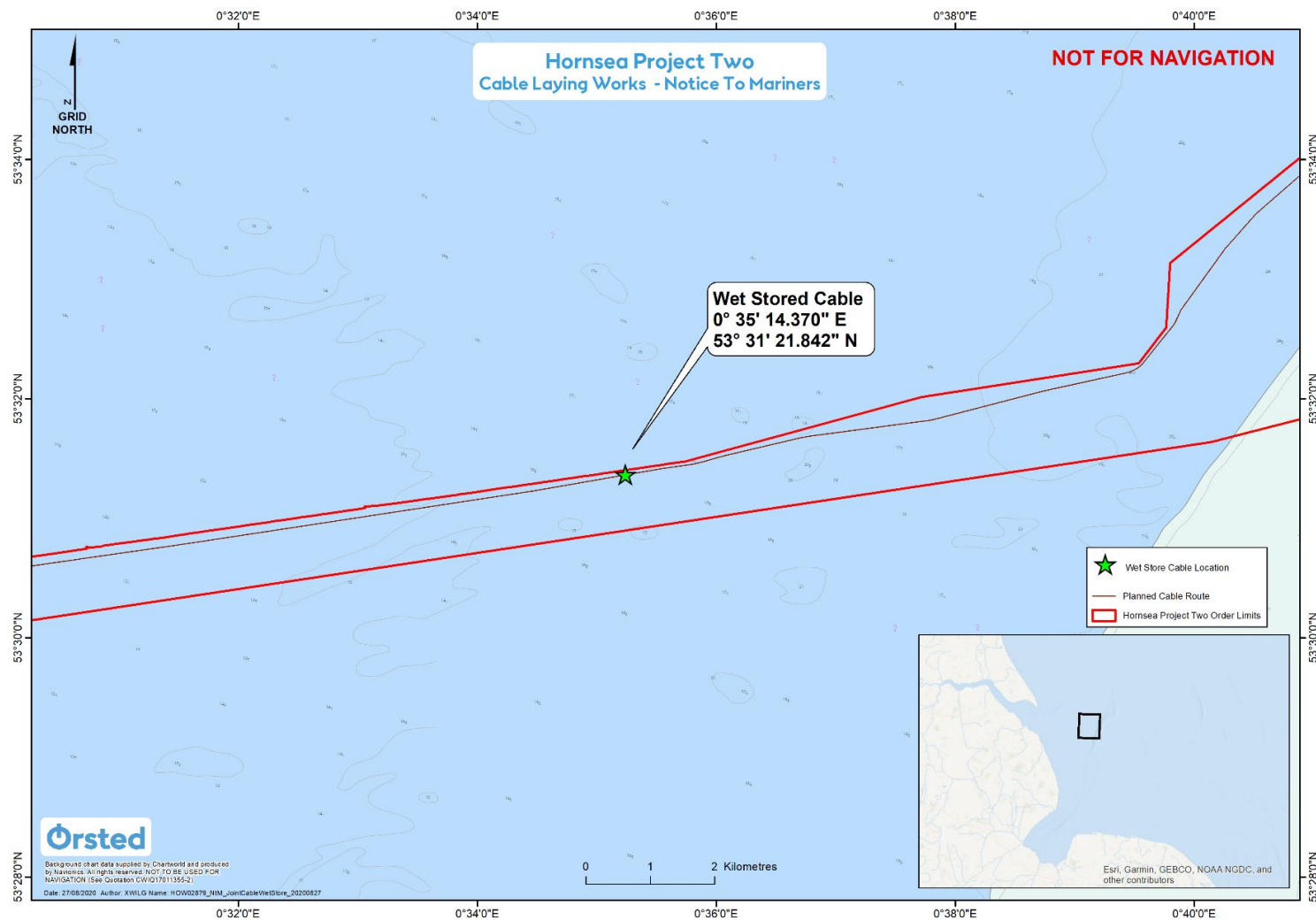
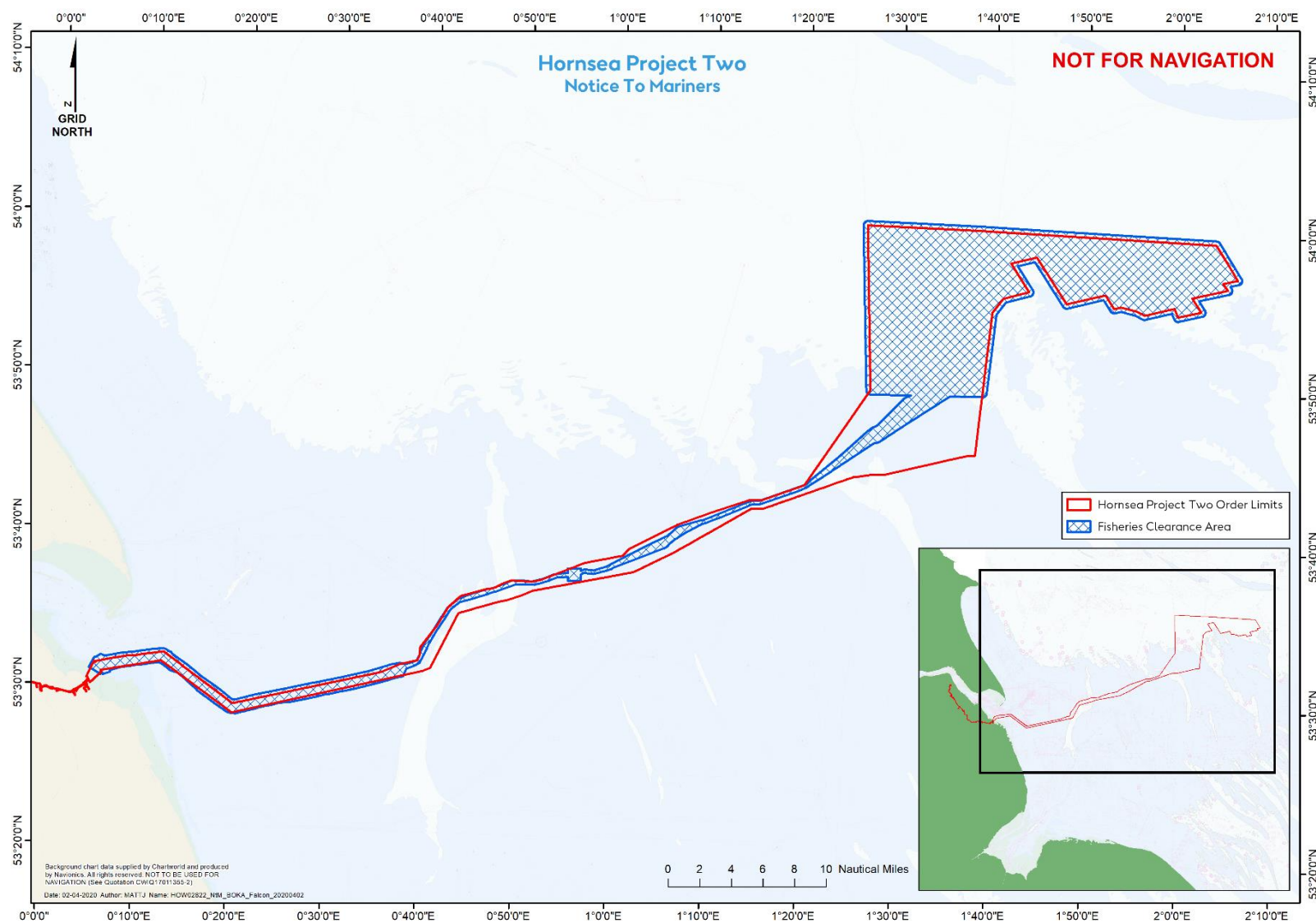


Figure 2. Proposed wet stored cable location



**Figure 3. Proposed Construction Area**



### 3. PROPOSED ACTIVITIES

#### 3.1 Export Cable Installation

Please be advised that Boskalis will be temporarily wet storing a cable at the location provided in Figure 1 on or around 15<sup>th</sup> September 2020. A guard vessel will be present at all times whilst the cable is wet-stored but it is advised that mariners maintain a safe clearance. As detailed in a previous version of this NtM, another section of cable will be temporarily wet stored at another proposed cable joint location, shown in Figure 2.

This is in addition to ongoing seabed preparation and cable installation and burial activities that will be continual and intermittent through to Q4 2021. The works will be undertaken by a number of vessels at different times according to the Project schedule. Details of the vessels are provided in Section 6. When the works are complete, this Notice will be updated and re-issued.

Note that the vessels will have limited manoeuvrability, some vessels will be operating on anchors, and it is requested that all vessels operating near the vessels maintain a safe distance (at least 500m) and pass all vessels at minimum speed.

#### 3.2 Safety

It is requested that anybody having knowledge of any potential objects submerged or moored on the seabed within the survey area that could be damaged or form a hazard to the vessel and its equipment advises the Project's Fishing Industry Liaison of their position and nature. The Project has also requested the clearance of static fishing gear within the boundary shown in Figure 3 and described in Section 7 of this Notice. When surveys commence a listening watch will be maintained on VHF Channel 12 and 16 when within the appropriate port authority area and will actively transmit an AIS signal.

### 4. IMMEDIATE CONTACTS

The contents of this notice are based upon our current understanding of Project Two requirements. A further notice will be issued once activities are completed.

Enquiries regarding the contents of this Notice to Mariners or any other matters should be directed to:

<b>Project Manager (Ørsted)</b> (Office hours only)	Richard Irving	
	Tel: +44 78 5 4276523	E-mail: <a href="mailto:ricir@orsted.co.uk">ricir@orsted.co.uk</a>
<b>Project Manager (Boskalis)</b> (Office hours only)	Steve Marshall	
	Tel: +44 7970 750 385	E-mail: <a href="mailto:steve.marshall@boskalis.com">steve.marshall@boskalis.com</a>

### 5. FISHERIES LIAISON

Onshore Fisheries Liaison is provided by Nick Garside and Sophie Farenden who can be contacted on:

E-mail: <a href="mailto:nick.garside@live.co.uk">nick.garside@live.co.uk</a>	Mob: +44 (0) 7538 827013
Email: <a href="mailto:sophie.farenden@brownmay.com">sophie.farenden@brownmay.com</a>	Mob: +44 (0)7525 128344

An Offshore Fisheries Liaison Officer is present on the Rollingstone and Boka Falcon contactable on VHF channel 16, if required.


In the event the Offshore Fisheries Liaison is not contactable please direct fisheries enquiries related to the works to the Ørsted Company Fisheries Liaison Officer:

Company Fisheries Liaison Officer – Courtney French	Tel: +44 (0)7796 447372	E-mail: <a href="mailto:CONFR@orsted.co.uk">CONFR@orsted.co.uk</a>
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## 6. VESSELS

Operations will be conducted by a number of vessels as provided below. Additional vessels may mobilise to site as required. Contact can be made directly with the vessels, where necessary, using the contact details listed below. This Notice will be updated with further contact details once confirmed. Client and contractor contact details are provided in Section 4 and 5 of this NtM.

Vessel Details – Flintstone	
	
<b>Vessel Type / Function</b>	Rock / cable protection installation
<b>Vessel telephone</b>	V-sat: +49 421 517 219 19 64 Mobile: +31 65 1957354
<b>Vessel email</b>	<a href="mailto:captain.flintstone@DEME-GROUP.com">captain.flintstone@DEME-GROUP.com</a>
<b>Call Sign</b>	PBZD
<b>MMSI</b>	245861000

### Vessel Details – Ndurance




<b>Vessel Type / Function</b>	Cable installation and burial
<b>Vessel telephone</b>	+31 65 109 0370 +31 10 713 0548 (V-sat)
<b>Vessel email</b>	<a href="mailto:ndurance-captain@boskalis.com">ndurance-captain@boskalis.com</a>
<b>Call Sign</b>	5BVH3
<b>MMSI</b>	209851000

### Vessel Details – NKT Victoria





<b>Vessel Type / Function</b>	Farshore cable installation
<b>Vessel telephone</b>	+47 2240 8110 (Bridge) +47 2240 8120 (Captain)
<b>Vessel email</b>	<a href="mailto:bridge.victoria@remoy.management.no">bridge.victoria@remoy.management.no</a> <a href="mailto:captain.victoria@remoy.management.no">captain.victoria@remoy.management.no</a>
<b>Call Sign</b>	LAWV7
<b>MMSI</b>	257016000

Vessel Contact Details – Boka Falcon	
	
Vessel Type / Function	Cable trenching and burial
Vessel telephone	+31 788 080 929
Vessel email	<a href="mailto:bokafalcon-bridge@boskalis.com">bokafalcon-bridge@boskalis.com</a>
Call Sign	ORTD
MMSI	205787000

Vessel Contact Details – Coastal Challenger	
	
Vessel / Type / Function	Anchor handling tug / pre-lay grapnel run, cable remedial work
Vessel telephone	Mob + 31 13 6 05 784 V-Sat +31 85 00 90 585
Vessel email	<a href="mailto:challenger@coastalworkboats.com">challenger@coastalworkboats.com</a>
Call Sign	PBOC
MMSI	244913000



Vessel Contact Details – Noordstroom	
	
Vessel / Type / Function	Anchor handling tug
Vessel telephone	+31 10 3403079 +31 10 6690405 +31 653 894479
Vessel email	<a href="mailto:noordstroom@wijngaarden.com">noordstroom@wijngaarden.com</a>
Call Sign	PIWC
MMSI	244006000

Vessel Contact Details – Viking Energy	
	
Vessel / Type / Function	Anchor handling tug
Vessel telephone	+44 7885 990 682
Vessel email	<a href="mailto:vikingenergy@stewart-marine.co.uk">vikingenergy@stewart-marine.co.uk</a> ; <a href="mailto:operations@landfall.nl">operations@landfall.nl</a>
Call Sign	MEPW5
MMSI	232020323

### Vessel Details – Lingestroom



<b>Vessel Type / Function</b>	AHT
<b>Vessel telephone</b>	+31 (0) 184 78 8128 +31 (0) 612 44 1220
<b>Vessel email</b>	<a href="mailto:Lingestroom@wijngaarden.com">Lingestroom@wijngaarden.com</a>
<b>Call Sign</b>	PICW
<b>MMSI</b>	244016000

### Vessel Contact Details – Maagd



<b>Vessel / Type / Function</b>	Landfall transportation barge
<b>Vessel telephone</b>	n/a
<b>Vessel email</b>	n/a
<b>Call Sign</b>	n/a
<b>MMSI</b>	n/a

### Vessel Contact Details – Spirit



<b>Vessel / Type / Function</b>	Cable installation and burial
<b>Vessel telephone</b>	TBC
<b>Vessel email</b>	TBC
<b>Call Sign</b>	5BWK4
<b>MMSI</b>	212471000

### Vessel Details – Titan Endeavour



<b>Vessel Type / Function</b>	Nearshore Survey
<b>Vessel telephone</b>	+44 (0)7867 552553
<b>Vessel email</b>	<a href="mailto:Titan.Endeavour@titansurveys.com">Titan.Endeavour@titansurveys.com</a>
<b>Call Sign</b>	2ELT9
<b>MMSI</b>	235086211

### Vessel Details – Ivero



<b>Vessel Type / Function</b>	Farshore survey
<b>Vessel telephone</b>	Mob: +44 (0)7917 477672 Fleet: +870 773 991 015
<b>Vessel email</b>	<a href="mailto:master@ivero.gardline.co.uk">master@ivero.gardline.co.uk</a>
<b>Call Sign</b>	MCJ03
<b>MMSI</b>	232013165

### Vessel Details – Dutch Power



<b>Vessel Type / Function</b>	Anchor Handling Tug (NDurance CLV)
<b>Vessel telephone</b>	Mobile: +31 (0)6-54 79 06 86 Mobile International: +372 81 69 60 41 Sat Tel (V-Sat) +31 (0)31-10 669 05 31
<b>Vessel email</b>	<a href="mailto:Tug.dutchpower@gmail.com">Tug.dutchpower@gmail.com</a>
<b>Call Sign</b>	PBTZ
<b>MMSI</b>	246607000



### Vessel Details – MCS Sirocco



<b>Vessel Type / Function</b>	CTV
<b>Vessel telephone</b>	+44 7920 569689
<b>Vessel email</b>	<a href="mailto:mcssirocco@maritimecraft.co.uk">mcssirocco@maritimecraft.co.uk</a>
<b>Call Sign</b>	2FFP4
<b>MMSI</b>	235090843

### Vessel Details – GV Adorne



<b>Vessel Type / Function</b>	Guard Vessel
<b>Vessel telephone</b>	Sat phone: (00) 44 1947 750717
<b>Vessel email</b>	<a href="mailto:gvadorne@gmail.com">gvadorne@gmail.com</a>
<b>Call Sign</b>	MFQ18
<b>MMSI</b>	232023203



Vessel Details – Isla B	
	
Vessel Type / Function	Guard Vessel
Vessel telephone	Sat Phone: +44 (0) 1795 505936 Mobile: +44 (0) 07415 940054
Vessel email	<a href="mailto:islabridge@gmail.com">islabridge@gmail.com</a>
Call Sign	MNVM2
MMSI	232007860

## 7. COORDINATES

### Wet-stored cables coordinates

Wet stored cable	Latitude (DDM) (WGS84)	Longitude (DDM) (WGS84)	Latitude (DD) (WGS84)	Longitude (DD) (WGS84)
Figure 1	53° 32.176' N	0° 12.631' E	53.536262 N	0.210511 E
Figure 2	53° 31.364' N	0° 35.240' E	53.522734 N	0.587325 E

### Shown in Figure 3 – Proposed construction area

Latitude (DMS) (WGS84)	Longitude (DMS) (WGS84)
53° 59' 47,212" N	2° 4' 13,879" E
53° 57' 33,751" N	2° 6' 35,650" E
53° 57' 15,701" N	2° 6' 36,035" E
53° 57' 6,478" N	2° 6' 18,896" E
53° 56' 59,777" N	2° 5' 28,497" E
53° 56' 42,915" N	2° 5' 36,351" E
53° 56' 28,883" N	2° 5' 17,519" E
53° 56' 3,483" N	2° 2' 8,588" E
53° 55' 27,479" N	2° 2' 46,083" E

Latitude (DMS) (WGS84)	Longitude (DMS) (WGS84)
53° 55' 15,410" N	2° 2' 44,720" E
53° 55' 6,438" N	2° 2' 32,255" E
53° 54' 43,304" N	1° 59' 50,397" E
53° 54' 49,180" N	1° 59' 21,898" E
53° 55' 12,752" N	1° 59' 2,060" E
53° 54' 48,758" N	1° 56' 10,242" E
53° 55' 4,977" N	1° 55' 8,846" E
53° 55' 17,637" N	1° 53' 38,207" E
53° 55' 12,551" N	1° 52' 45,906" E
53° 55' 19,225" N	1° 52' 28,565" E
53° 56' 0,723" N	1° 51' 42,606" E
53° 55' 28,077" N	1° 47' 37,142" E
53° 55' 35,546" N	1° 47' 20,574" E
53° 58' 20,012" N	1° 44' 17,211" E
53° 58' 5,598" N	1° 42' 39,466" E
53° 56' 39,567" N	1° 44' 13,897" E
53° 56' 25,332" N	1° 44' 17,657" E
53° 56' 11,448" N	1° 43' 56,913" E
53° 55' 46,244" N	1° 41' 19,719" E
53° 55' 1,973" N	1° 40' 23,796" E
53° 50' 2,447" N	1° 39' 30,939" E
53° 49' 49,003" N	1° 39' 16,731" E
53° 49' 46,428" N	1° 35' 32,259" E
53° 46' 48,702" N	1° 28' 4,620" E
53° 46' 42,946" N	1° 27' 31,338" E
53° 43' 49,843" N	1° 20' 24,581" E
53° 42' 44,084" N	1° 15' 38,529" E
53° 42' 41,344" N	1° 14' 42,628" E
53° 41' 21,520" N	1° 9' 20,997" E
53° 40' 22,700" N	1° 6' 37,474" E
53° 39' 47,066" N	1° 5' 28,175" E
53° 38' 16,403" N	0° 59' 25,479" E
53° 38' 2,077" N	0° 57' 59,391" E
53° 38' 4,166" N	0° 56' 57,224" E
53° 37' 58,937" N	0° 56' 42,467" E
53° 37' 33,594" N	0° 56' 40,248" E
53° 37' 31,948" N	0° 55' 15,847" E
53° 37' 47,540" N	0° 55' 10,458" E
53° 37' 44,942" N	0° 54' 9,203" E
53° 37' 14,693" N	0° 51' 46,505" E
53° 37' 14,455" N	0° 49' 47,661" E
53° 36' 44,170" N	0° 47' 39,734" E
53° 36' 0,540" N	0° 43' 53,312" E
53° 35' 29,375" N	0° 42' 55,137" E

Latitude (DMS) (WGS84)	Longitude (DMS) (WGS84)
53° 33' 22,426" N	0° 40' 48,516" E
53° 32' 7,546" N	0° 39' 51,893" E
53° 31' 43,170" N	0° 38' 30,952" E
53° 31' 12,017" N	0° 38' 4,665" E
53° 30' 18,230" N	0° 32' 55,750" E
53° 29' 22,551" N	0° 26' 30,856" E
53° 29' 12,115" N	0° 24' 45,142" E
53° 28' 29,570" N	0° 20' 21,581" E
53° 28' 37,086" N	0° 19' 22,247" E
53° 29' 50,796" N	0° 16' 18,425" E
53° 30' 54,775" N	0° 14' 10,391" E
53° 31' 2,707" N	0° 13' 24,903" E
53° 31' 31,865" N	0° 12' 8,960" E
53° 31' 8,839" N	0° 8' 14,664" E
53° 30' 56,336" N	0° 7' 6,528" E
53° 30' 48,777" N	0° 7' 1,728" E
53° 30' 39,121" N	0° 6' 17,311" E
53° 30' 39,405" N	0° 5' 52,891" E
53° 31' 5,230" N	0° 4' 40,609" E
53° 31' 48,148" N	0° 5' 14,392" E
53° 32' 0,611" N	0° 5' 54,673" E
53° 31' 55,416" N	0° 6' 23,153" E
53° 32' 11,157" N	0° 8' 27,502" E
53° 32' 31,751" N	0° 12' 37,383" E
53° 32' 19,716" N	0° 13' 26,968" E
53° 32' 8,099" N	0° 13' 44,182" E
53° 29' 28,003" N	0° 20' 8,972" E
53° 31' 7,268" N	0° 31' 29,653" E
53° 31' 33,595" N	0° 34' 20,769" E
53° 32' 0,629" N	0° 36' 36,759" E
53° 32' 9,093" N	0° 37' 40,901" E
53° 32' 4,863" N	0° 38' 20,144" E
53° 32' 20,102" N	0° 39' 23,807" E
53° 33' 35,071" N	0° 40' 20,327" E
53° 35' 40,809" N	0° 42' 26,986" E
53° 36' 18,396" N	0° 43' 39,237" E
53° 36' 44,069" N	0° 45' 23,338" E
53° 37' 7,109" N	0° 47' 34,987" E
53° 37' 33,029" N	0° 49' 10,746" E
53° 37' 33,513" N	0° 51' 28,386" E
53° 38' 2,090" N	0° 53' 44,466" E
53° 38' 9,119" N	0° 55' 9,396" E
53° 38' 26,805" N	0° 55' 12,814" E
53° 38' 28,306" N	0° 56' 36,030" E

Latitude (DMS) (WGS84)	Longitude (DMS) (WGS84)
53° 38' 20,125" N	0° 56' 41,437" E
53° 38' 24,187" N	0° 57' 1,622" E
53° 38' 21,625" N	0° 57' 55,787" E
53° 38' 37,874" N	0° 59' 18,954" E
53° 40' 39,445" N	1° 5' 39,744" E
53° 41' 15,927" N	1° 6' 49,625" E
53° 41' 48,180" N	1° 9' 45,281" E
53° 43' 0,796" N	1° 14' 34,354" E
53° 43' 3,158" N	1° 15' 27,373" E
53° 44' 5,955" N	1° 20' 8,767" E
53° 45' 51,124" N	1° 23' 36,801" E
53° 47' 35,307" N	1° 26' 46,815" E
53° 47' 58,031" N	1° 27' 46,976" E
53° 49' 40,483" N	1° 30' 32,038" E
53° 49' 47,250" N	1° 30' 53,561" E
53° 49' 47,882" N	1° 26' 56,955" E
53° 49' 52,264" N	1° 26' 39,020" E
53° 50' 2,497" N	1° 26' 28,120" E
54° 0' 31,528" N	1° 25' 47,038" E
54° 0' 42,580" N	1° 25' 52,784" E
54° 0' 49,685" N	1° 26' 7,903" E
54° 0' 37,879" N	1° 38' 38,420" E
53° 59' 56,311" N	2° 3' 47,577" E
53° 59' 47,212" N	2° 4' 13,879" E