

MORAY EAST WEEKLY NOTICE OF OPERATIONS	Issue Date	10/08/2020
	Ref: 8460001-PC0010-MWE-REP-0075	Rev: 01

Work Planned for the Period 10.08.2020 to 16.08.2020

Construction work for Moray East Offshore Wind Farm commenced on the 18th May 2019.

The key aim of the Weekly Notice of Operations is to give a global view of activities and vessels involved. Questions regarding the operations will be welcome preferably well in advance of each construction activity.

Moray East is developing the Moray East Offshore Wind Farm in the Outer Moray Firth on the south eastern area of the Smith Bank located to the north of the Aberdeenshire and Moray coast. The development will consist of 100 offshore wind turbines (WTGs) (with a total capacity of approximately 950 MW) and three Offshore Substation Platforms (OSPs). Water depths in the Moray East site range from approximately 38 m below LAT to 54 m below LAT. The generated power will be transmitted to the grid via three subsea export cable circuits to the landfall location at Inverboyndie bay on the Aberdeenshire coast. The onshore export cables continue underground to the Moray East substation currently under construction near New Deer. The Moray East offshore development boundary is shown in black on Figure 1 below. Details of location of work activities within this area will be provided as work progresses.

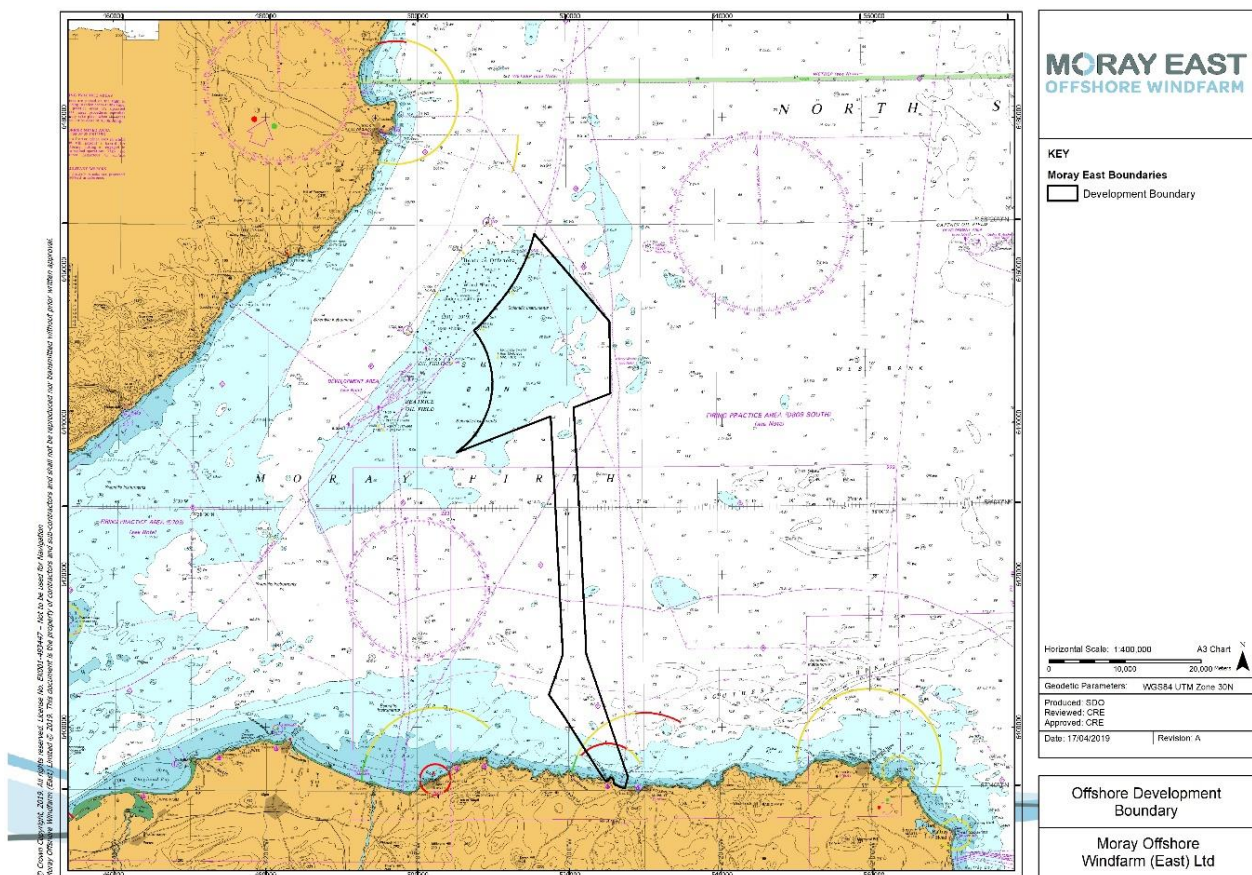


Figure 1 - Moray East Offshore Development Boundary

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It is currently anticipated that weather permitting offshore construction works will be carried out year-round and on a continuous basis (i.e. 24 hour working, seven days a week) unless notified otherwise.

Moray East's Marine Coordination Centre in Fraserburgh is manned 24 hours, 7 days per week.

The current construction works are as follows:

- Guard vessel duties (detailed in this notice);
- Jacket Installation and Grouting;
- Soil plug removal operations;
- Boulder picking activities;
- HDD diving operations; and
- Export Cable installation works

1 Contact Details for Marine Coordination

The following contact can provide more information if required. Please note that specific queries can also be addressed to the relevant vessel or shore based representative.

Telephone Number (Day Operations)	+44 (0) 778 706 5714
Emergency Contact (24/7)	+44 (0) 1346 511 838
Marine Coordinator Email	MarineCoordination.MORAYEAST@Morayeast.com
Address	Dalrymple Hall, Dalrymple St, Fraserburgh, AB43 9BD

2 Moray East site 1 Demarcation Buoyage

2.1 Moray East Construction Markers

Moray East has completed the deployment of nine construction marker buoys around the Moray East site. The marker buoys will remain in place until after construction of the Moray East Offshore Wind Farm is complete. The co-ordinates for the as-built marker buoys are provided in the Table 1 below.

Table 1 – Marker buoy locations

Name	WGS84		WGS84 UTM Zone 30N	
	Latitude (dms)	Longitude (dms)	Easting (m)	Northing (m)
Buoy 1 - North Cardinal Buoy , Pillar shaped with a north cardinal shaped top mark, exhibiting a Quick (Q) White (W) light character and AIS.	58° 18' 6.600" N	2° 41' 4.800" W	518481.96	6462358.27
Buoy 2 - Special Mark Buoy , Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 16' 48.300" N	2° 37' 55.380" W	521579.08	6459952.33

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Name	WGS84		WGS84 UTM Zone 30N	
	Latitude (dms)	Longitude (dms)	Easting (m)	Northing (m)
Buoy 3 - Special Mark Buoy, Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 15' 8.460" N	2° 35' 57.300" W	523521.05	6456875.58
Buoy 4 - East Cardinal Buoy, Pillar shaped with an east cardinal shaped top mark, exhibiting a Very (V) Q (3) 5 second (s) W light character	58° 10' 44.10" N	2° 32' 45.85" W	526697.39	6448719.65
Buoy 5 - Special Mark Buoy, Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 7' 49.680" N	2° 35' 20.640" W	524201.44	6443309.27
Buoy 6 - Special Mark Buoy, Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 6' 43.980" N	2° 38' 19.860" W	521280.40	6441260.65
Buoy 7 - Special Mark Buoy, Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 4' 57.240" N	2° 47' 9.360" W	512624.16	6437922.64
Buoy 8 – South Cardinal, Pillar shaped with a south cardinal shaped top mark, exhibiting a V Q (6) + L Fl 10s W light character and AIS.	58° 4' 1.140" N	2° 52' 6.660" W	507757.35	6436175.21
Buoy 9 - Special Mark Buoy, Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 8' 37.080" N	2° 50' 37.080" W	509205.67	6444712.15
Wave rider Buoy Spherical Yellow buoy FL(5) Y 20s, Light sector Y360	58° 13' 55.600" N	2° 44' 59.700" W		

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Figure 2 - Layout of demarcation buoyage

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3 Soil Plug Removal works

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) has re-commenced soil plug removal operations using Boa Sub C in preparation for jacket installation work within Moray East Offshore Windfarm Construction area until further notice. Soil plug removal areas shown in Figure 3 below.

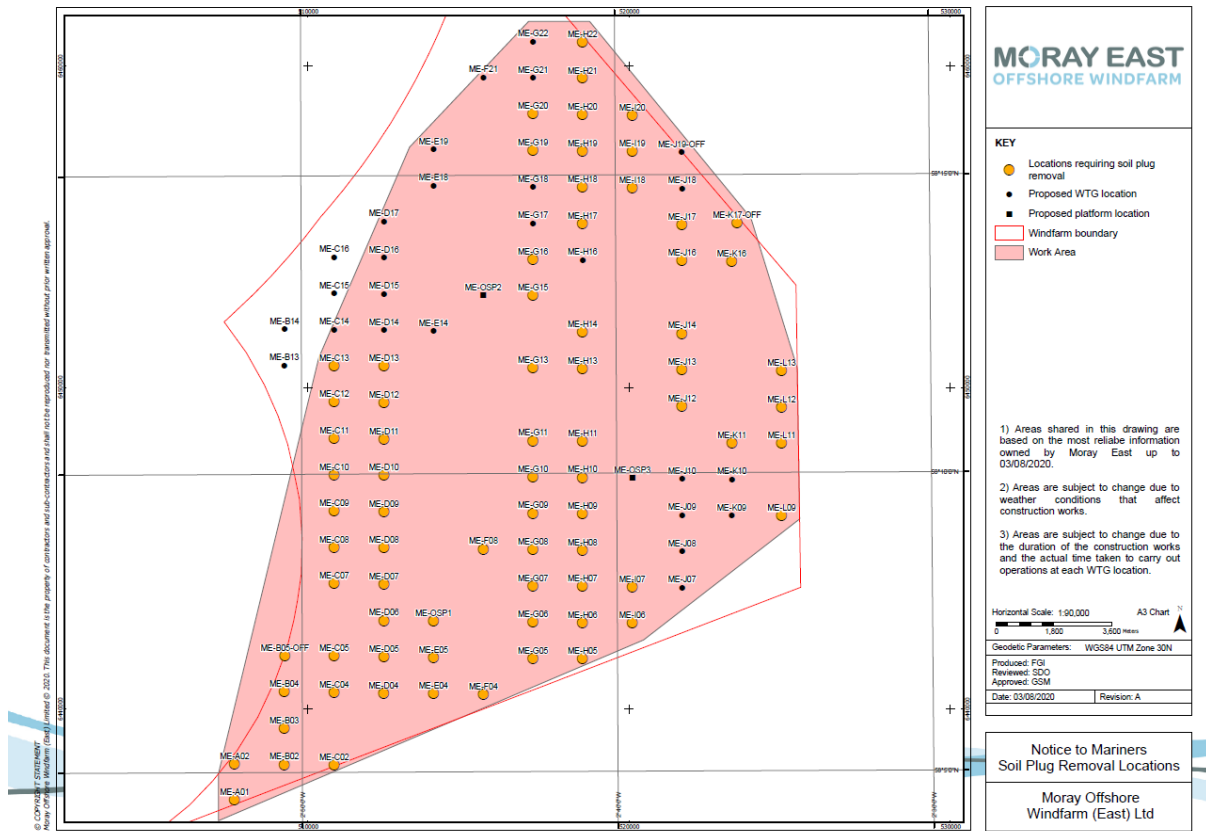


Figure 3 – Remaining soil plug removal locations

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Boa Sub C	
General Description and Dimensions:	LOA:138.5 m, Beam: 30.6 m, Draught 8.9m
Call Sign:	LAGE8
MMSI:	257342000
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	captain@boasubc.boa.no
Onshore Representative:	Edward Maycock



Figure 4 – Soil Plug Removal and Grouting Vessel

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4 Boulder Picking Campaign

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) are conducting boulder picking operations on the export cable route and within the wind farm site using Olympic Triton, works commenced on 24th of July 2020 until further notice.

Olympic Triton	
General Description and Dimensions:	LOA: 95 m, Beam: 20.5 m, Draught 4.4m
Call Sign:	LADM3
MMSI:	259424000
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	Andrew.Small@morayeast.com
Onshore Representative:	Andrew Small



Figure 5. Boulder Picking Vessel

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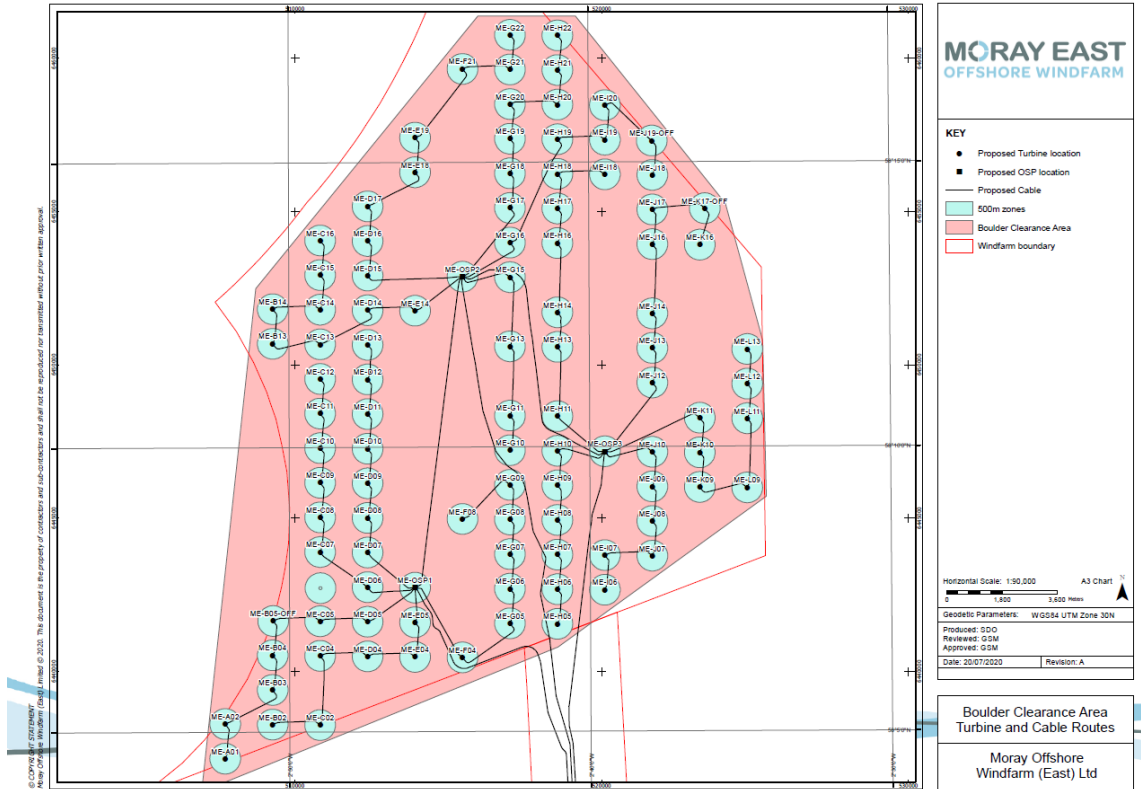


Figure 6. Boulder Picking Locations Windfarm Construction Area

Latitude	Longitude
58° 6.493' N	2° 41.091' W
58° 3.983' N	2° 52.875' W
58° 12.805' N	2° 51.103' W
58° 17.585' N	2° 43.668' W
58° 17.578' N	2° 40.411' W
58° 14.271' N	2° 35.447' W
58° 11.863' N	2° 34.228' W

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58° 9.122' N	2° 34.145' W
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Table 2. Coordinates of Boulder picking WTG and IAC works.

5. Jacket installation and grouting.

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) has commenced jacket installation on all of the pre piled areas (shown in Figure 12) using Seajacks Scylla and works will continue until further notice. Once the Jackets have been installed Boa Sub C (Figure 5) will be utilised for grouting operations on the newly installed jackets as well as the continuation of the soil plug removal. Planned construction activities show in Figure 14.

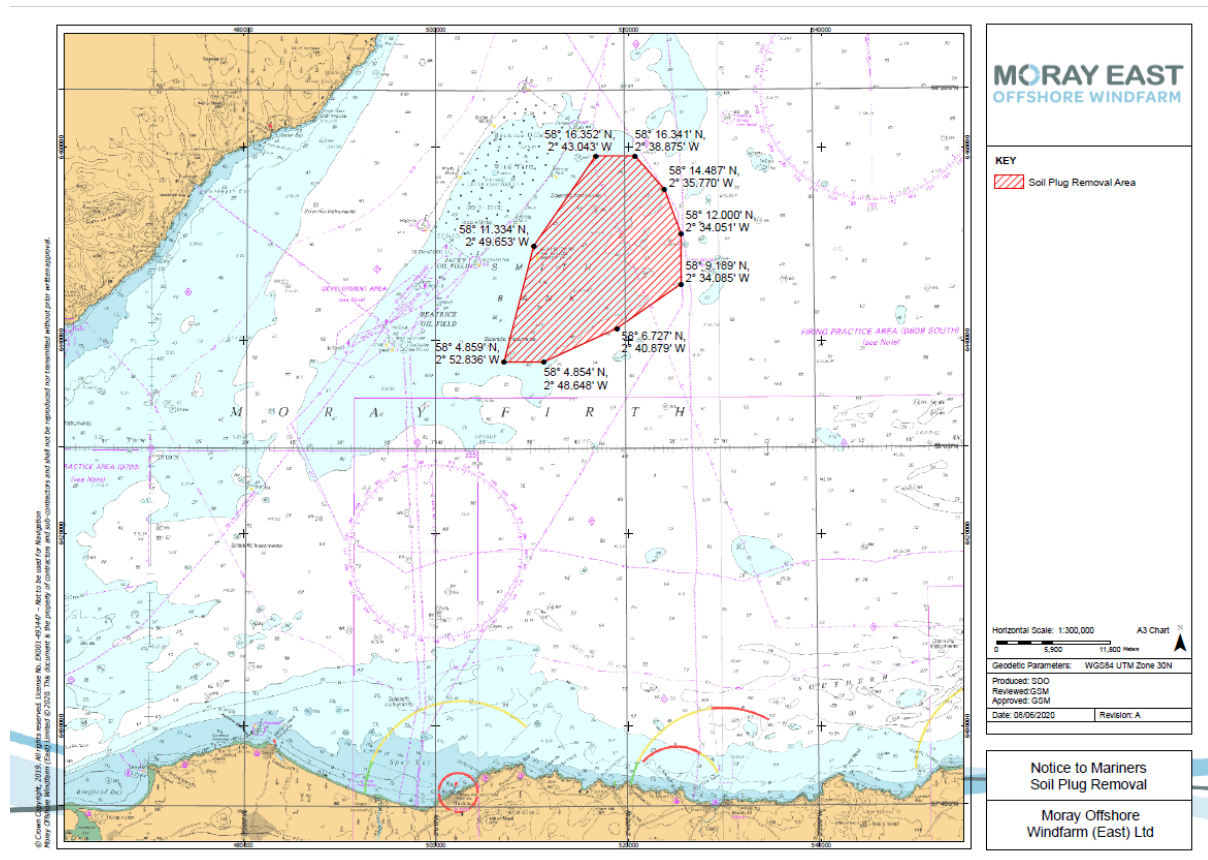


Figure 07. Moray East site 1 (Offshore Windfarm Area)

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Figure 08. Photos of the Jacket to be Installed

Foundation Locations

Foundation locations for piling operations are shown in Table 3 below. Locations where piling has been completed are highlighted in Figure 12 – Turbine location map.

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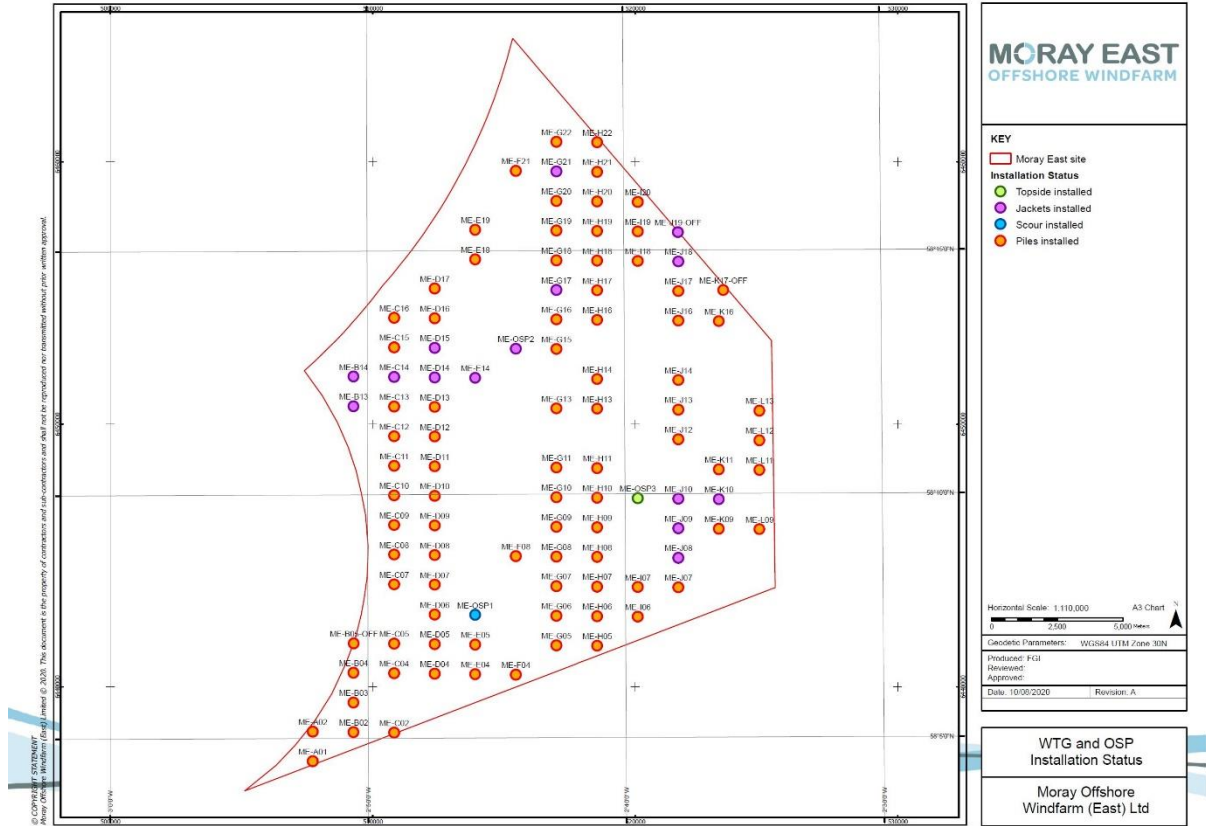


Figure 09 Turbine location and Installation Status

Table 3 – WTG locations and Installation Status

Turbine ID	Latitude (DD MM.mmm)	Longitude (DD MM.mmm)	Piling Complete	Jacket Installed
ME-A01	58° 4.550' N	2° 52.147' W	19/08/2019	
ME-A02	58° 5.158' N	2° 52.144' W	13/10/2019	
ME-B02	58° 5.147' N	2° 50.570' W	02/11/2019	
ME-B03	58° 5.755' N	2° 50.567' W	20/11/2019	
ME-B04	58° 6.364' N	2° 50.564' W	01/09/2019	
ME-B05-OFF	58° 6.967' N	2° 50.544' W	14/10/2019	
ME-B13	58° 11.838' N	2° 50.540' W	01/11/2019	16/07/2020
ME-B14	58° 12.446' N	2° 50.538' W	09/07/2019	24/07/2020
ME-C05	58° 6.961' N	2° 48.986' W	30/08/2019	
ME-C07	58° 8.177' N	2° 48.980' W	17/10/2019	
ME-C08	58° 8.785' N	2° 48.977' W	22/01/2020	
ME-C09	58° 9.394' N	2° 48.973' W	17/10/2019	

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Turbine ID	Latitude (DD MM.mmm)	Longitude (DD MM.mmm)	Piling Complete	Jacket Installed
ME-C10	58° 10.002' N	2° 48.970' W	29/10/2019	
ME-C11	58° 10.610' N	2° 48.967' W	30/10/2019	
ME-C12	58° 11.218' N	2° 48.964' W	31/10/2019	
ME-C13	58° 11.826' N	2° 48.961' W	20/01/2019	
ME-C14	58° 12.435' N	2° 48.958' W	08/07/2019	11/07/2020
ME-C15	58° 13.043' N	2° 48.955' W	10/07/2019	
ME-C16	58° 13.651' N	2° 48.951' W	12/07/2019	
ME-D04	58° 6.341' N	2° 47.414' W	26/01/2020	
ME-D05	58° 6.949' N	2° 47.410' W	16/12/2019	
ME-D07	58° 8.166' N	2° 47.403' W	22/01/2020	
ME-D08	58° 8.774' N	2° 47.399' W	07/12/2019	
ME-D09	58° 9.382' N	2° 47.396' W	07/12/2019	
ME-D10	58° 9.990' N	2° 47.392' W	04/12/2019	
ME-D11	58° 10.598' N	2° 47.389' W	24/01/2020	
ME-D12	58° 11.207' N	2° 47.385' W	31/01/2020	
ME-D13	58° 11.815' N	2° 47.381' W	06/12/2019	
ME-D14	58° 12.423' N	2° 47.378' W	02/02/2020	12/07/2020
ME-D15	58° 13.031' N	2° 47.374' W	13/11/2019	09/07/2020
ME-D16	58° 13.639' N	2° 47.371' W	11/07/2019	
ME-D17	58° 14.248' N	2° 47.367' W	13/07/2019	
ME-E04	58° 6.329' N	2° 45.838' W	17/11/2019	
ME-E05	58° 6.937' N	2° 45.834' W	18/11/2019	
ME-E19	58° 15.452' N	2° 45.778' W	14/07/2019	
ME-F04	58° 6.317' N	2° 44.263' W	28/01/2020	
ME-F21	58° 16.656' N	2° 44.187' W	16/07/2019	
ME-G05	58° 6.913' N	2° 42.683' W	01/12/2019	
ME-G06	58° 7.521' N	2° 42.678' W	12/01/2020	
ME-G07	58° 8.129' N	2° 42.673' W	24/08/2019	
ME-G09	58° 9.345' N	2° 42.663' W	07/08/2019	
ME-G10	58° 9.954' N	2° 42.658' W	18/08/2019	
ME-G11	58° 10.562' N	2° 42.653' W	05/01/2020	
ME-G13	58° 11.778' N	2° 42.643' W	05/07/2019	
ME-G15	58° 12.995' N	2° 42.633' W	27/06/2019	
ME-G16	58° 13.603' N	2° 42.629' W	24/06/2019	
ME-G17	58° 14.211' N	2° 42.624' W	17/06/2019	18/07/2020
ME-G18	58° 14.819' N	2° 42.619' W	16/06/2019	
ME-G19	58° 15.428' N	2° 42.614' W	09/06/2019	
ME-G20	58° 16.036' N	2° 42.609' W	13/02/2020	

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Turbine ID	Latitude (DD MM.mmm)	Longitude (DD MM.mmm)	Piling Complete	Jacket Installed
ME-G21	58° 16.644' N	2° 42.604' W	22/07/2019	21/07/2020
ME-G22	58° 17.252' N	2° 42.599' W	17/07/2019	
ME-H05	58° 6.900' N	2° 41.107' W	30/11/2019	
ME-H06	58° 7.508' N	2° 41.102' W	25/12/2019	
ME-H07	58° 8.116' N	2° 41.096' W	24/12/2019	
ME-H08	58° 8.724' N	2° 41.091' W	18/12/2019	
ME-H09	58° 9.333' N	2° 41.086' W	05/08/2019	
ME-H10	58° 9.941' N	2° 41.080' W	31/12/2019	
ME-H13	58° 11.765' N	2° 41.064' W	04/07/2019	
ME-H14	58° 12.374' N	2° 41.059' W	28/06/2019	
ME-H16	58° 13.590' N	2° 41.048' W	23/06/2019	
ME-H17	58° 14.198' N	2° 41.042' W	19/06/2019	
ME-H18	58° 14.806' N	2° 41.037' W	08/08/2019	
ME-H19	58° 15.415' N	2° 41.032' W	08/06/2019	
ME-H20	58° 16.023' N	2° 41.026' W	24/07/2019	
ME-H21	58° 16.631' N	2° 41.021' W	21/07/2019	
ME-H22	58° 17.239' N	2° 41.015' W	18/07/2019	
ME-I06	58° 7.495' N	2° 39.526' W	23/10/2019	
ME-I07	58° 8.103' N	2° 39.520' W	26/12/2019	
ME-I19	58° 15.401' N	2° 39.450' W	05/06/2019	
ME-I20	58° 16.010' N	2° 39.444' W	07/06/2019	
ME-J07	58° 8.090' N	2° 37.943' W	23/08/2019	
ME-J08	58° 8.698' N	2° 37.937' W	22/08/2019	30/07/2020
ME-J09	58° 9.306' N	2° 37.930' W	05/02/2020	04/08/2020
ME-J10	58° 9.914' N	2° 37.924' W	04/08/2019	29/07/2020
ME-J12	58° 11.131' N	2° 37.912' W	06/02/2020	
ME-J13	58° 11.739' N	2° 37.905' W	02/07/2019	
ME-J14	58° 12.347' N	2° 37.899' W	30/06/2019	
ME-J16	58° 13.563' N	2° 37.886' W	21/06/2019	
ME-J17	58° 14.172' N	2° 37.880' W	02/06/2019	
ME-J18	58° 14.780' N	2° 37.874' W	20/06/2019	17/07/2020
ME-J19-OFF	58° 15.383' N	2° 37.887' W	27/02/2020	25/07/2020
ME-K09	58° 9.292' N	2° 36.353' W	28/12/2019	
ME-K10	58° 9.900' N	2° 36.346' W	29/07/2019	03/08/2020
ME-K11	58° 10.509' N	2° 36.339' W	29/07/2019	
ME-K16	58° 13.550' N	2° 36.306' W	31/05/2019	
ME-K17-OFF	58° 14.189' N	2° 36.133' W	30/05/2019	
ME-L09	58° 9.278' N	2° 34.775' W	27/07/2019	

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Turbine ID	Latitude (DD MM.mmm)	Longitude (DD MM.mmm)	Piling Complete	Jacket Installed
ME-L11	58° 10.494' N	2° 34.761' W	27/07/2019	
ME-L12	58° 11.103' N	2° 34.754' W	25/07/2019	
ME-L13	58° 11.711' N	2° 34.747' W	30/12/2019	
ME-E18	58° 14.844' N	2° 45.782' W	14/07/2019	
ME-E14	58° 12.411' N	2° 45.798' W	07/07/2019	05/07/2020
ME-I18	58° 14.793' N	2° 39.455' W	17/08/2019	
ME-F08	58° 8.750' N	2° 44.245' W	29/08/2019	
ME-G08	58° 8.737' N	2° 42.668' W	23/12/2019	
ME-H11	58° 10.549' N	2° 41.075' W	22/12/2019	
ME-C04	58° 6.353' N	2° 48.989' W	21/10/2019	
ME-C02	58° 5.136' N	2° 48.995' W	06/11/2019	
ME-D06	58° 7.557' N	2° 47.407' W	15/12/2019	
ME-OSP1	58° 7.546' N	2° 45.830' W	21/08/2019	
ME-OSP2	58° 13.007' N	2° 44.214' W	19/08/2019	10/08/2020
ME-OSP3	58° 9.928' N	2° 39.502' W	20/08/2019	22/07/2020

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Seajacks Scylla (Jacket Installation)	
General Description and Dimensions:	LOA:139 m, Beam: 50 m, Draught 7.8m
Call Sign:	3FSA3
MMSI:	356068000
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	Master.Scylla@Seajacks.com
Onshore Representative:	Ed Maycock



Figure 10. Jacket installation Vessel.

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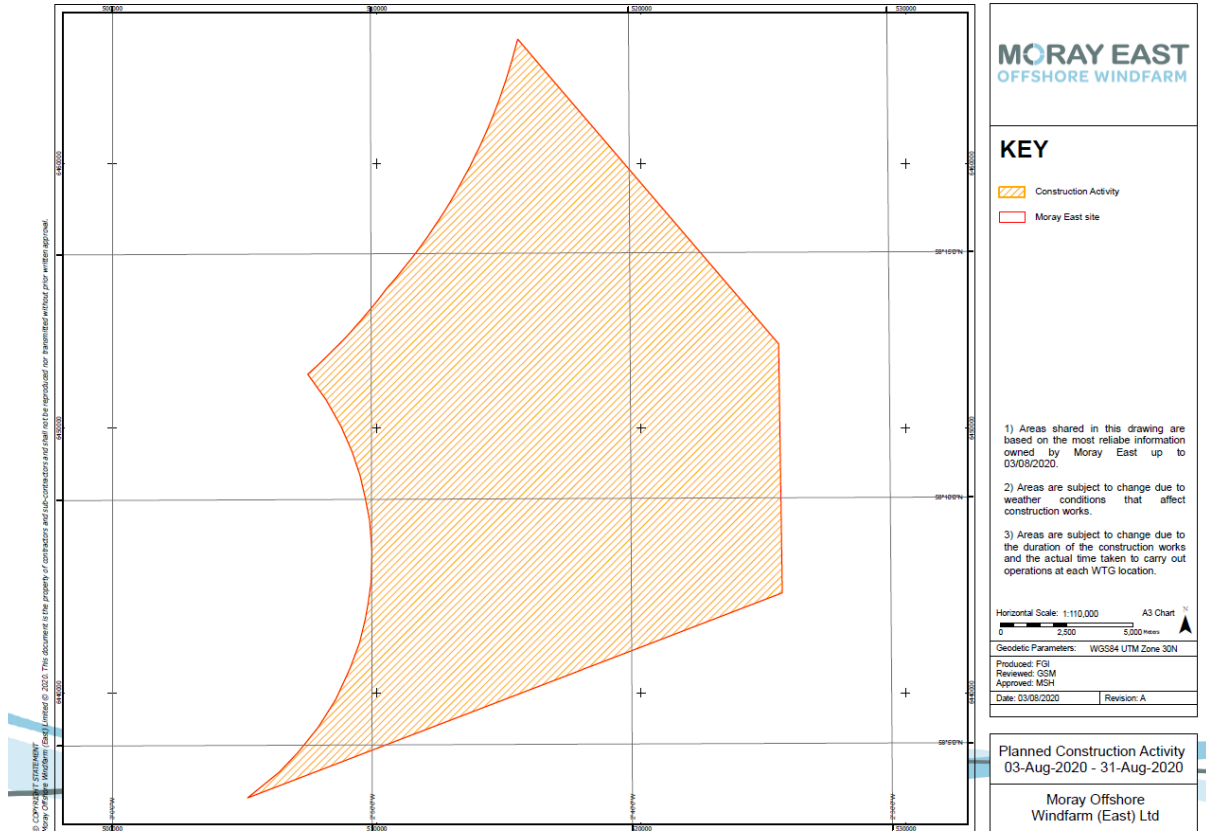


Figure 11. Construction activity planned

6. Subsea power cable (x3 export routes – wind farm to landfall) laying and trenching operations

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) have commenced PLGR operations prior to cable laying and trenching works (two separate vessels)

Vessel “NKT Victoria” will be laying the subsea power cables; three export cables between the Moray East offshore wind farm site and the cable landfall (via three separate drilled HDD ducts near Boyndie Bay).

Vessel “Havila Phoenix” will be undertaking operations to bury these three subsea power cables below the seabed, via means of remotely operated trenching vehicles.

Cable laying is expected to be completed by circa 3rd October 2020.

Cable trenching is expected to be ongoing until early November but will be followed by a separate campaign to install remedial protection over the cables on any remaining unburied/unprotected

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sections which will be Guarded by the Guard Vessels listed below in section 8. Details on remedial cable management(s) will be provided nearer the time of execution.

The above dates include some weather contingency, however the operations may be subject to further extension.

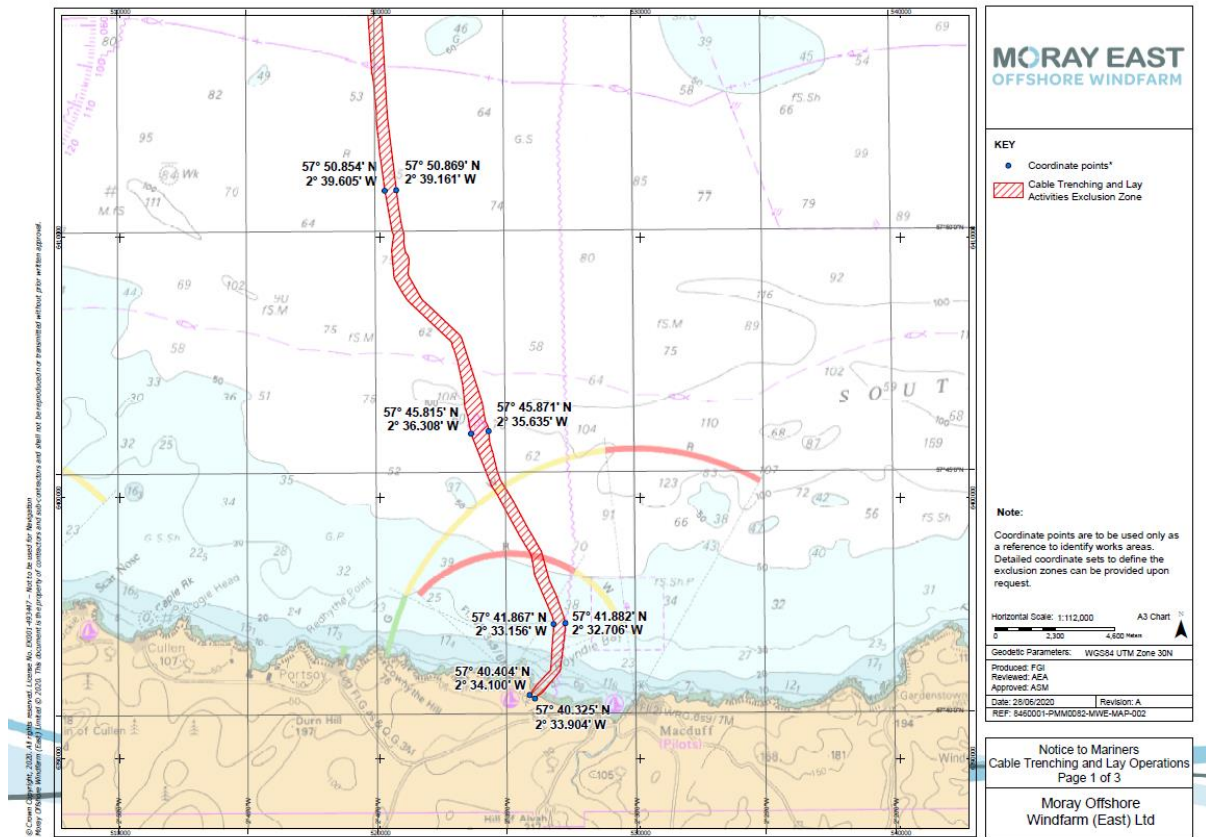


Figure 12. Lay and trenching works area (Nearshore)

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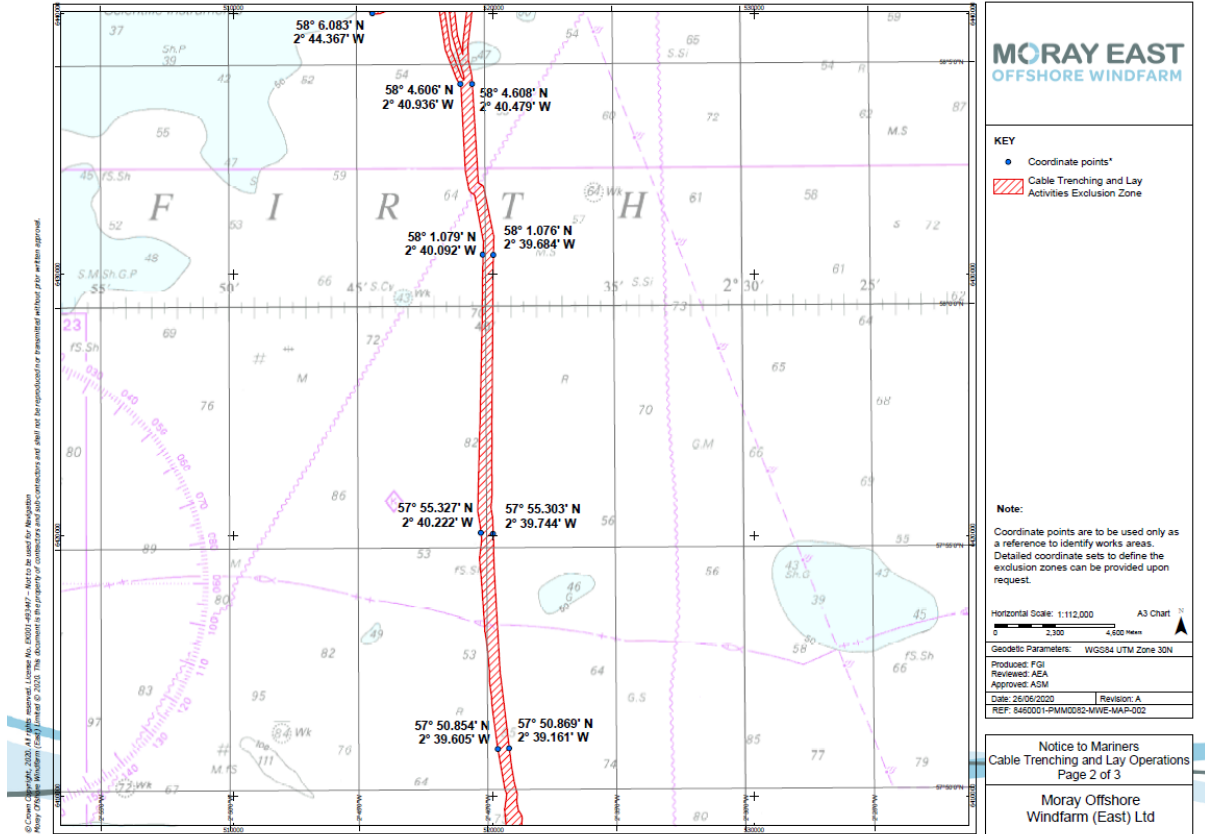


Figure 13. Lay and trenching works area (Mid OEC)

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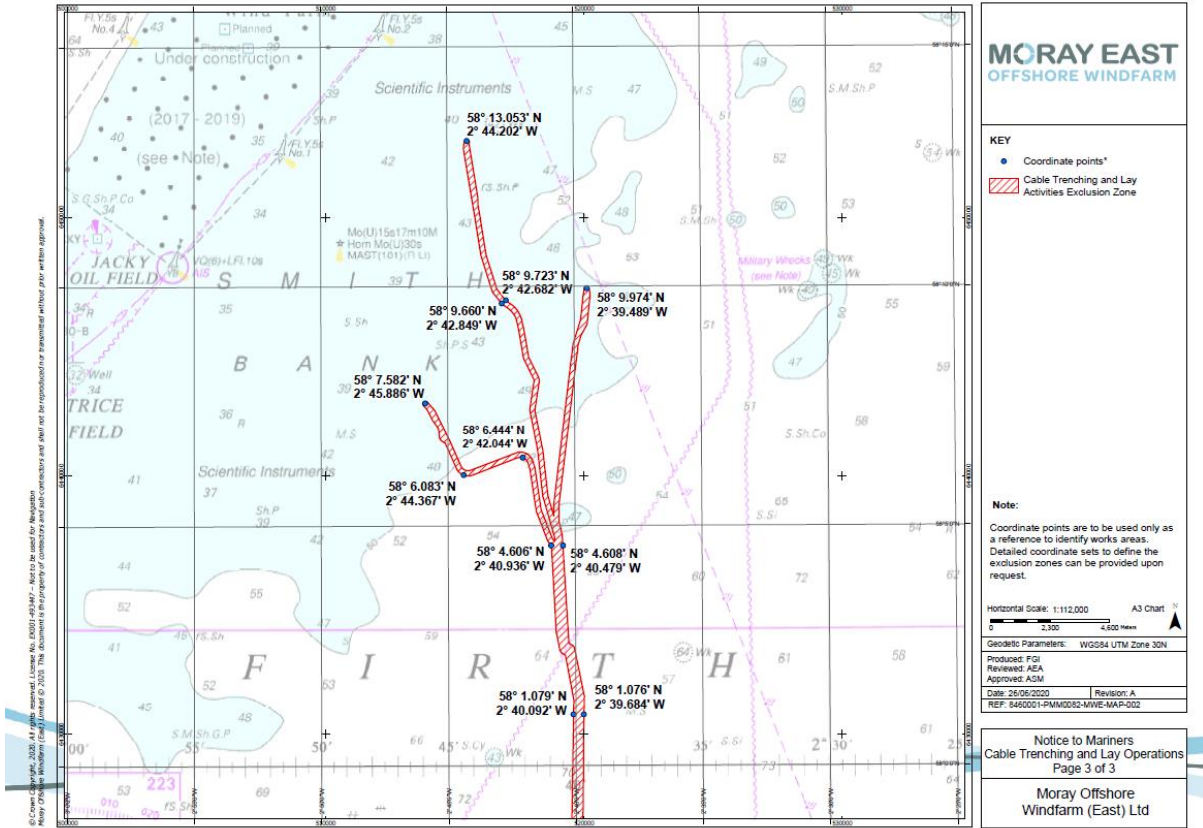


Figure 14. Lay and trenching works area (OEC North and wind farm site)

***Note:** these are provided as a reference, they do not fully define the complex shape of the proposed works area

Table 4. Cable Trenching and Lay Activities Works Area:

Point	Easting	Northing	Latitude	Longitude
1	513855.2763	6442802.362	58° 7.582' N	2° 45.886' W
2	515468.7792	6452962.218	58° 13.053' N	2° 44.202' W
3	520112.6762	6447268.831	58° 9.974' N	2° 39.489' W
4	515357.5066	6440026.992	58° 6.083' N	2° 44.367' W
5	517636.478	6440706.692	58° 6.444' N	2° 42.044' W
6	519602.4744	6430759.824	58° 1.079' N	2° 40.092' W

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7	520004.1422	6430757.137	58° 1.076' N	2° 39.684' W
8	520177.1892	6411789.465	57° 50.854' N	2° 39.605' W
9	520616.2838	6411820.099	57° 50.869' N	2° 39.161' W
10	525747.2719	6392431.514	57° 40.404' N	2° 34.100' W
11	523493.9396	6402457.701	57° 45.815' N	2° 36.308' W
12	524160.4246	6402565.899	57° 45.871' N	2° 35.635' W
13	527114.2579	6395183.312	57° 41.882' N	2° 32.706' W
14	525943.12	6392286.029	57° 40.325' N	2° 33.904' W
15	526667.8056	6395151.833	57° 41.867' N	2° 33.156' W
16	519526.6583	6420086.935	57° 55.327' N	2° 40.222' W
17	519998.6634	6420045.415	57° 55.303' N	2° 39.744' W
18	518740.8304	6437300.968	58° 4.606' N	2° 40.936' W
19	519189.6402	6437305.956	58° 4.608' N	2° 40.479' W
20	516984.1033	6446788.996	58° 9.723' N	2° 42.682' W
21	516820.0648	6446669.754	58° 9.660' N	2° 42.849' W

MORAY EAST OFFSHORE WINDFARM

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NKT Victoria	
General Description and Dimensions:	LOA:140m, Beam 29.6m, Draught 7.2m
Call Sign:	LAWV7
MMSI:	257016000
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	captain.victoria@remoy-management.no
Onshore Representative:	Andrew Small



Figure 15. Cable lay vessel

MORAY EAST OFFSHORE WINDFARM

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Havila Phoenix	
General Description and Dimensions:	Length 127.4m, Beam 23m Draught 6.35m
Call Sign:	C6BD2
MMSI:	311000229
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	TBC
Onshore Representative:	Andrew Small



Figure 16. Cable burial vessel.

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7. Moray East Offshore Wind Farm: Diving Campaign near Boyndie Bay

As part of the three export power cable installations for Moray East Offshore Wind Farm, Moray East and their contractor NKT commenced diving works near Boyndie Bay. This includes the preparation works on the HDD duct (offshore) exit, cable installation support works, and post-cable installation grouting and finishing works for the project.

Work on the duct and surrounding area will be undertaken by divers connected to diving support vessel “MV C-Fenna” operated by Leask Marine. During diving operations this vessel will be positioned via a four-point anchor mooring spread. Also active during this time will be a crew transfer vessel assisting operations and transferring personnel will be the MV “C-Spartan”, also operated by Leask Marine.

For diving vessel moorings, for the avoidance of any fishing gear or buoyed items posing risk of wire entanglement based on anchor positions, these are marked on the drawing below.

Moray East commenced diving preparation works on the 16th of July 2020, for the duct preparation works, and diving works will continue on all three cables for installation support, and post-installation grouting and finishing works. This diving campaign is expected to reach completion circa 18th October 2020.

The above dates include some estimated/expected weather delays, however, this activity may be subject to further extension of works.

MORAY EAST OFFSHORE WINDFARM

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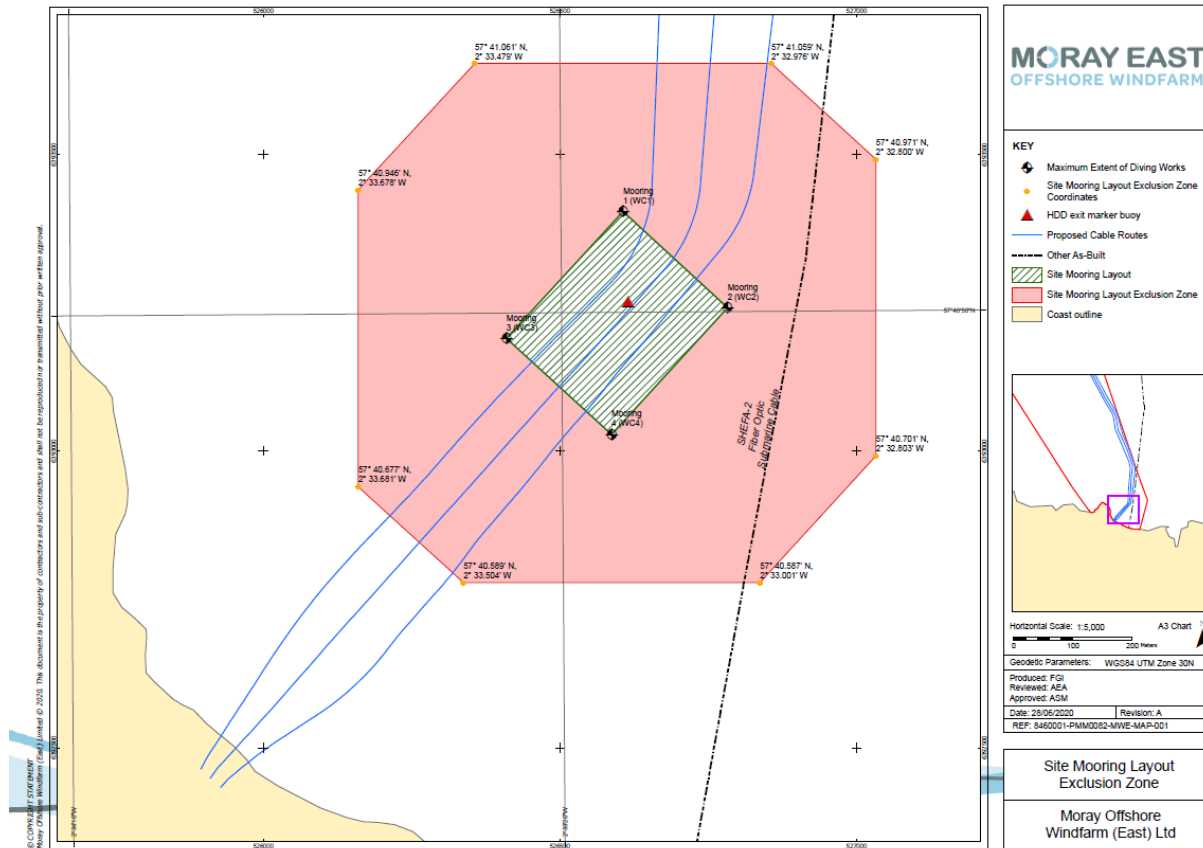


Figure 17. Site mooring exclusion zone.

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Site Mooring Layout Exclusion Zone:

Point	Easting	Northing	Latitude	Longitude
1	526356.83	6393653.89	57° 41.061' N	2° 33.479' W
2	526856.83	6393653.89	57° 41.059' N	2° 32.976' W
3	527032.98	6393492.07	57° 40.971' N	2° 32.800' W
4	527032.98	6392992.07	57° 40.701' N	2° 32.803' W
5	526160.16	6393440.32	57° 40.946' N	2° 33.678' W
6	526160.16	6392940.32	57° 40.677' N	2° 33.681' W
7	526837.52	6392778.31	57° 40.587' N	2° 33.001' W
8	526337.52	6392778.31	57° 40.589' N	2° 33.504' W

Maximum Extent of Diving Works:

Point	Easting	Northing	Latitude	Longitude
WC1	526606.83	6393403.89	57° 40.925' N	2° 33.229' W
WC2	526782.98	6393242.07	57° 40.837' N	2° 33.053' W
WC3	526410.16	6393190.32	57° 40.811' N	2° 33.428' W
WC4	526587.52	6393028.31	57° 40.723' N	2° 33.251' W

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7.1 Diving support vessel

C-Fenna	
General Description and Dimensions:	Length 26.48m, Draught 2.61m
Call Sign:	MBAH3
MMSI:	232008023
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	c-fenna@leaskmarine.com
Onshore Representative:	Andrew Small



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7.2 Diving support CTV

MV C-Spartan	
General Description and Dimensions:	LOA:12m, Draught 0.8m
Call Sign:	2B009
MMSI:	915291
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	john@leaskmarine.com >
Onshore Representative:	Andrew Small



8. Guard Vessels

Kinnaird Marine Limited has been appointed by Moray East to provide guard vessels for the wind farm site during the construction works. DR Maritime Assets has been appointed by NKT to provide guard vessels for the export cable route during cable lay and trenching/burial.

Apart from times of extreme weather, there will always be at least one guard vessel on station during construction operations. The guard vessel's primary duty is security of the construction site by informing and warning non-construction vessels of the ongoing activities and associated Safety Zones.

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Mariners are requested to navigate with caution and keep continued watch on VHF Ch. 16, 87 and 73 when navigating the area.

Guard Vessel – GV Replenish

GV Replenish	
General Description and Dimensions:	Guard Vessel LOA: 24.36 m, Beam: 7.17 m, Draught 3.48 m
Call Sign:	MASY7
MMSI:	235055180
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	gvreplenish@gmail.com
Onshore Representative:	Magnus Currie



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8.1 Wind farm site guard vessels

Guard Vessel – Bountiful

Bountiful	
General Description and Dimensions:	Guard Vessel LOA: 21.1m, Beam: 6.9 m, Draught 3.8m
Call Sign:	MJLF4
MMSI:	232004846
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	kmsability@gmail.com
Onshore Representative:	Magnus Currie



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Guard Vessel - Kinnaird

GV KMS Kinnaird	
General Description and Dimensions:	Guard Vessel LOA: 23 m, Beam: 6 m, Draught 3.2 m
Call Sign:	GHNE
MMSI:	232004523
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	KMSKinnaird@gmail.com
Onshore Representative:	Magnus Currie



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8.2 Export cable guard vessels

GV Rover Alpha

GV Rover Alpha	
General Description and Dimensions:	Guard Vessel LOA: 19.21 m, Beam: 6 m, Draught 3.4 m
Call Sign:	MLAS2
MMSI:	235010380
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	rinkster@nessoffshore.co.uk
Onshore Representative:	Andy Small



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GV Adventure

GV Adventure	
General Description and Dimensions:	Guard Vessel LOA: 24 m, Beam: 6 m, Draught 4.3 m
Call Sign:	21FE4
MMSI:	235109237
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	Gvadventure3@gmail.com
Onshore Representative:	Andy Small



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GV Diligent

GV Diligent	
General Description and Dimensions:	Guard Vessel LOA: 25.1 m, Beam: 6.43 m, Draught 3.4 m
Call Sign:	MJZK7
MMSI:	232007970
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	
Onshore Representative:	Andy Small



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GV Resplendent

GV Resplendent	
General Description and Dimensions:	Guard Vessel LOA: 25.41 m, Beam: 6.42 m, Draught 2.55 m
Call Sign:	MJUJ2
MMSI:	235018597
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	gvresplendent@gmail.co.uk
Onshore Representative:	Andy Small



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GV Resilient

GV RESILIENT 111	
General Description and Dimensions:	Guard Vessel LOA: 26 m, Beam: 7 m, Draught 2.6 m
Call Sign:	SEEG
MMSI:	232711000
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	
Onshore Representative:	Andy Small



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GV Resolute

GV RESOLUTE	
General Description and Dimensions:	Guard Vessel LOA: 25.2 m, Beam: 6.86 m, Draught 2.6 m
Call Sign:	MLPD5
MMSI:	235069036
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	gvresolute@gmail.co.uk
Onshore Representative:	Andy Small



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GV Resolution

GV RESOLUTION	
General Description and Dimensions:	Guard Vessel LOA: 18.25 m, Beam: 6.58 m, Draught 3.7 m
Call Sign:	MBCZ5
MMSI:	235002260
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	Gvresolution@gmail.com
Onshore Representative:	Andy Small



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GV Silver Wave

GV Silver Wave	
General Description and Dimensions:	Guard Vessel LOA: 18 m, Beam: 6 m, Draught 2.6 m
Call Sign:	MKQQ4
MMSI:	235031151
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	gvsilverwave@gmail.com
Onshore Representative:	Andy Small



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GV ABILITY

GV Ability	
General Description and Dimensions:	Guard Vessel LOA: 23.06 m, Beam: 6.4 m, Draught 2.6 m
Call Sign:	MDFW3
MMSI:	235014666
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	gvability@gmail.com
Onshore Representative:	Andy Small



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9. Crew Transfer Vessels/Offshore support

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) will be utilising CTV's (Crew Transfer Vessels) to support offshore works on the newly installed Jackets and Offshore Substation Platforms. The CTV's will be transiting daily from both Fraserburgh and Wick.

Windcat 17	
General Description and Dimensions:	CTV LOA: 22 m, Beam: 6.5 m, Draught 1.9m
Call Sign:	2BYD5
MMSI:	235070402
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	colin.allan@morayeast.com
Onshore Representative:	Colin Allan



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Cwind Endurance	
General Description and Dimensions:	CTV LOA: 20m, Beam: 7.8 m, Draught 1.8 m
Call Sign:	2HEA3
MMSI:	235102884
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	TBC
Onshore Representative:	Magnus Currie



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GXS VIKING	
General Description and Dimensions:	CTV LOA: 18.2 m, Beam: 8 m, Draught 1.5 m
Call Sign:	2EKH5
MMSI:	235085842
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	TBC
Onshore Representative:	Magnus Currie



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AQUATA	
General Description and Dimensions:	CTV LOA: 25.75 m, Beam: 10.4 m, Draught 1.75 m
Call Sign:	LXAQ
MMSI:	253415000
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	TBC
Onshore Representative:	Magnus Currie



10. General Safety Advice

Please be aware that by virtue of their mode of operation and the equipment deployed the Scylla, Olympic Triton, Boa Sub C, Victoria, Havila Phoenix and the C Fenna will be Restricted in their Ability to Manoeuvre (RAM) as defined under COLREGs (International Regulations for Preventing Collisions at Sea 1972, Rule 3).

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Masters of vessels are therefore requested to maintain their vessels and gears at a minimum safe distance from these vessels of 500 metres when it is undertaking its work and showing the appropriate shapes and lights in accordance with COLREGs Rule 18.

In order to not compromise the safety of the project vessels and their crew, and each vessel's ability to undertake its contracted works, fishermen who have static fishing gears deployed within the defined Moray East site (see Figure 2) are requested to provide the coordinates of such deployed gears in DMS and details of whether the surface markers used are visible at all states of visibility to Alex Winrow-Griffin (Brown & May Marine) using the contact information in the Fisheries Liaison section below (Section 58 of the Merchant Shipping Act 1995).

Fishermen who have static gears deployed beyond 12 nm are reminded that static gear must be marked in accordance with Commission Implementing Regulation (EU) No. 404/2011 (<https://www.gov.uk/guidance/markings-of-fishing-gear-retrieval-and-notification-of-lost-gear#markings-of-fishing-gear>).

The Scottish Ministers have authorised the use of the following safety zones as per Notice to Mariners to follow:

1. A 500 metre radius around each WTG and OSP where construction works are taking place that include sensitive activities being undertaken by vessels RAM. A maximum of three of such zones is permitted at any one time.
2. A 50 metre radius around partially completed WTGs and OSPs where work is not underway and the risk assessments identify a need.
3. A 50 metre radius around each completed WTG and OSP prior to commissioning and as required by a risk assessment process.

All mariners are requested to give all construction and support vessels a wide berth.

Mariners are requested to navigate with caution, to use all means appropriate to aid safe navigation as defined under COLREGs Rule 7, and keep continued watch on VHF Ch. 16, 87 and 73 when navigating the area.

11. Meteorological Mast Unlit

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) Meteorological Mast (Figure 18, 19 and Table 5) aviation light is currently not operating.

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Figure 18 – Photograph of the Meteorological Mast

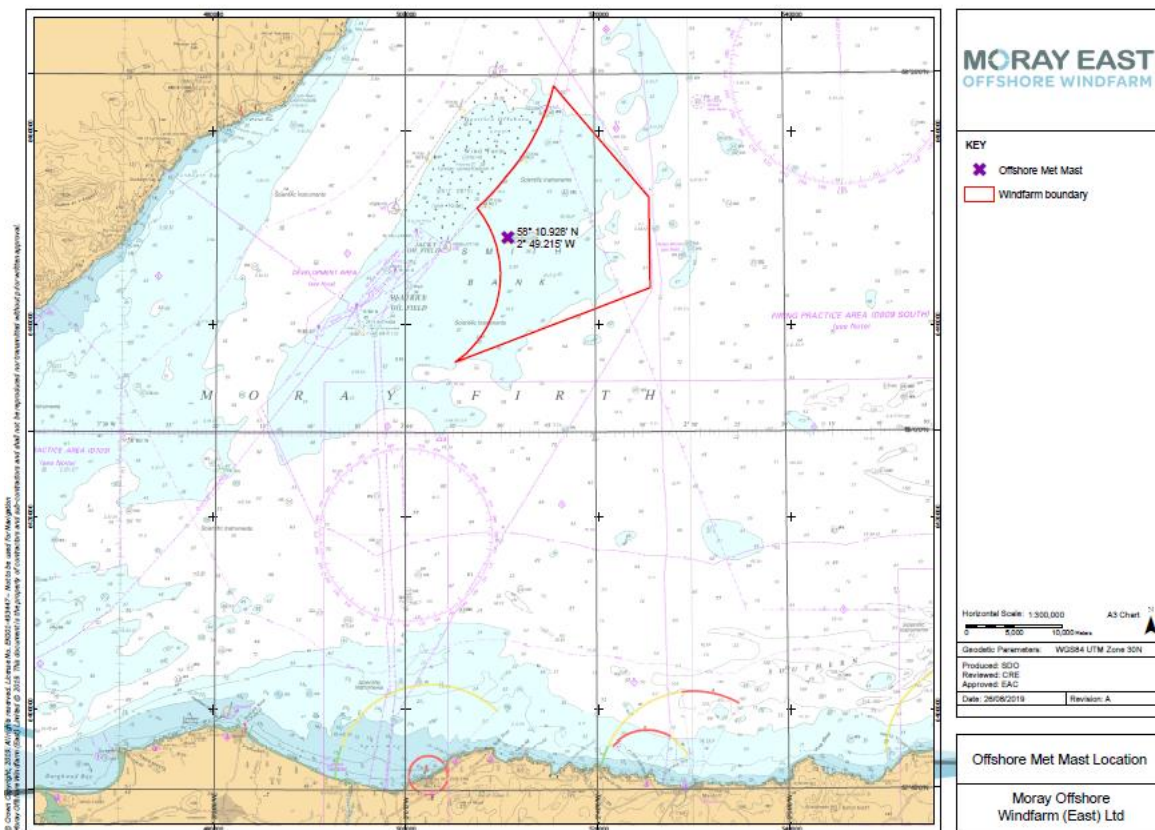


Figure 19 – Meteorological Mast location map

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Table 5 – Met mast coordinates

Name	Latitude (DMS)	Longitude (DMS)	Latitude (DM)	Longitude (DM)
Met Mast	58° 10' 55.680" N	2° 49' 12.892" W	58° 10.928' N	2° 49.215' W

12 Fisheries Liaison

Fisheries liaison associated with the activity will be co-ordinated by Brown and May Marine. For any commercial fishery queries please contact:

Alex Winrow-Giffin - Brown and May Marine Ltd.

Email: alex@brownmay.com

Tel: +44 1379 872148 / + 44 7760 160039

An Offshore Fisheries Liaison Officer is currently deployed onboard the GV Replenish and GV Resplendent and the vessels can be contacted on VHF CH16 or via +44 (0) 1346 490795

13 Distribution List

The distribution of this notice is as per email recipient's header. A central list of recipients is maintained by the Marine Coordinator; if you are not the appropriate recipient of these notices, or do not wish to receive the notices in the future, please contact us at the address included in Section 1 of this notice.

14 Website

The official website of Moray Offshore Windfarm (East) Limited can be found at:

<https://www.morayeast.com/current-works/offshore-works>

This website will contain all Notices to Mariners (NtMs) published by Moray East during the construction phase of the project, Weekly Notices of Operations and general information about the project.

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15 . **Completed Operations.**

15.1 Piling Operations

Installation of all piles was completed on 27/02/2020.

The piling operations commenced on the 19th May 2019 and were completed on 27th February 2020.

The Data/positions for the installed piles are available for the following Electronic chart Plotters:

Maxsea

Sodena

Olex

Time Zero

The information is made available by contacting John Watt (Brown and May)

John.watt@brownmay.com 07590880746

15.2 Horizontal Directional Drilling (HDD) Completed

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) have completed HDD construction works. The G1500 buoy which marked the HDD punch out area (position 57 40.8431 002 33.2214) has now been removed.

15.3 IAC Post Plough Survey.

Please be advised that the Ivero completed her Post Plough Survey work scope and the Ivero exited Site 1 22/07/2020.