

MORAY EAST WEEKLY NOTICE OF OPERATIONS	Issue Date	15/02/2021
	Ref: 8460001-PC0010-MWE-REP-0102	Rev: 01

Work Planned for the Period 15.02.2021 to 21.02.2021

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.

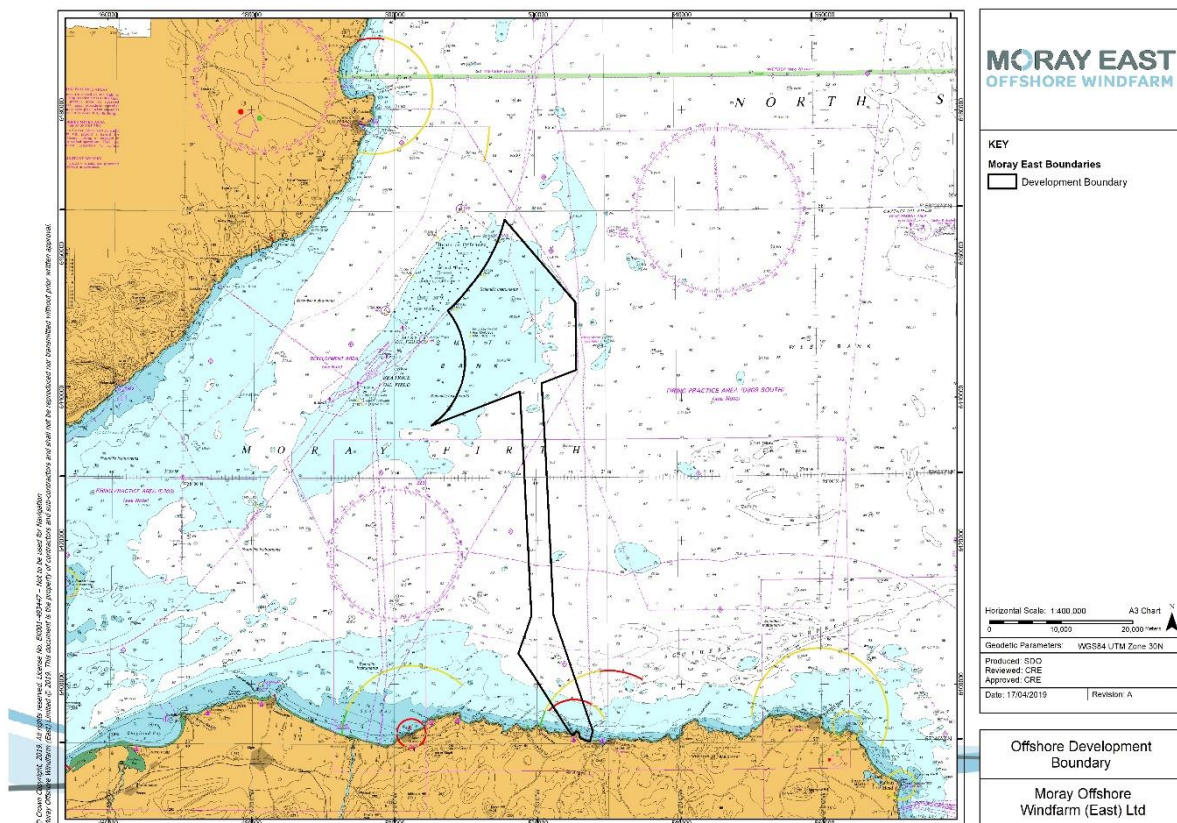


Figure 1 - Moray East Offshore Development Boundary

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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);
- WTG Installation and commissioning;
- Remedial works;
- Inter array cable installation works;
- Offshore export cable protection/rock installation operations; and
- Meteorological mast decommissioning and removal 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 deployed nine construction marker buoys around the Moray East site (Figure 2). 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 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

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Name	WGS84		WGS84 UTM Zone 30N	
	Latitude (dms)	Longitude (dms)	Easting (m)	Northing (m)
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
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

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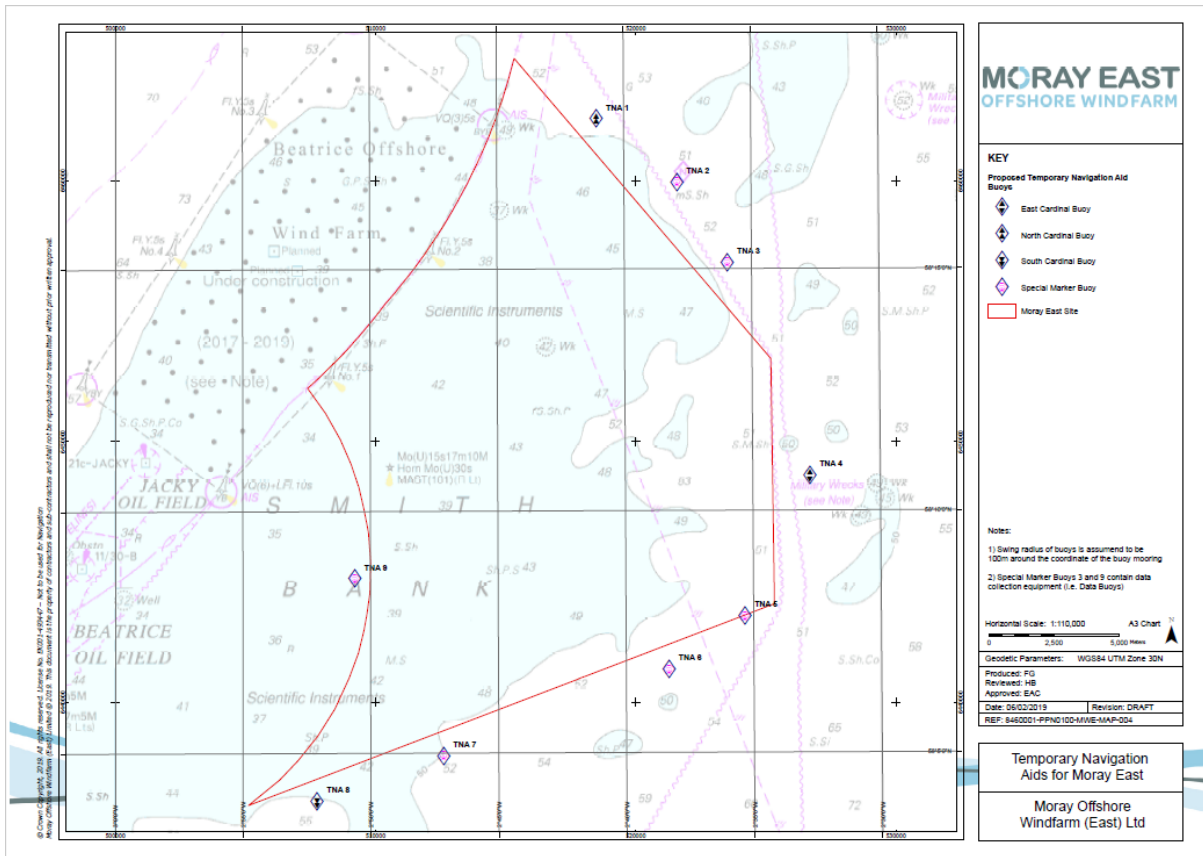


Figure 2 - Layout of demarcation buoyage, CDM Boundary of Offshore Windfarm Area (Site 1) where works will continue until end of construction.

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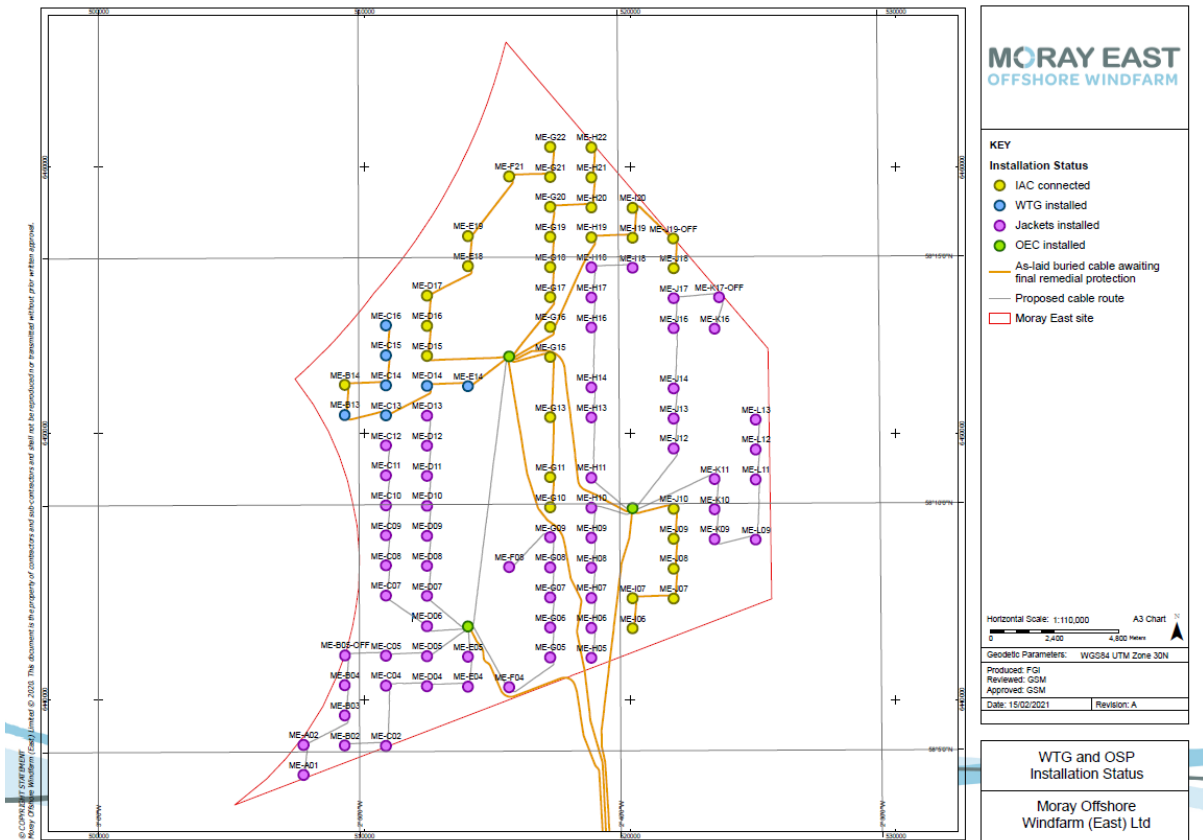


Figure 3 – Construction Status update

3 Sub Structures Package

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) has completed soil plug removal, pile cleaning, unclamping and jacket installation on all of the pre piled locations (shown in Figure 3) The Boa Sub C vessel will be utilised for remedial operations on the newly installed jackets. Planned construction activities are shown in Figure 3.

Table 2. WTG Location and Installation dates

Turbine ID	Latitude (DD MM.mmm)	Longitude (DD MM.mmm)	Piling Complete	Jacket Installed	WTG Installed
ME-A01	58° 4.550' N	2° 52.147' W	19/08/2019	19/12/2020	
ME-A02	58° 5.158' N	2° 52.144' W	13/10/2019	27/12/2020	
ME-B02	58° 5.147' N	2° 50.570' W	02/11/2019	22/11/2020	
ME-B03	58° 5.755' N	2° 50.567' W	20/11/2019	19/12/2020	
ME-B04	58° 6.364' N	2° 50.564' W	01/09/2019	21/12/2020	
ME-B05-OFF	58° 6.967' N	2° 50.544' W	14/10/2019	24/12/2020	
ME-B13	58° 11.838' N	2° 50.540' W	01/11/2019	16/07/2020	26/01/2021
ME-B14	58° 12.446' N	2° 50.538' W	09/07/2019	24/07/2020	

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Turbine ID	Latitude (DD MM.mmm)	Longitude (DD MM.mmm)	Piling Complete	Jacket Installed	WTG Installed
ME-C05	58° 6.961' N	2° 48.986' W	30/08/2019	26/12/2020	
ME-C07	58° 8.177' N	2° 48.980' W	17/10/2019	16/12/2020	
ME-C08	58° 8.785' N	2° 48.977' W	22/01/2020	15/12/2020	
ME-C09	58° 9.394' N	2° 48.973' W	17/10/2019	22/12/2020	
ME-C10	58° 10.002' N	2° 48.970' W	29/10/2019	23/12/2020	
ME-C11	58° 10.610' N	2° 48.967' W	30/10/2019	16/12/2020	
ME-C12	58° 11.218' N	2° 48.964' W	31/10/2019	25/12/2020	
ME-C13	58° 11.826' N	2° 48.961' W	20/01/2019	26/08/2020	24/01/2021
ME-C14	58° 12.435' N	2° 48.958' W	08/07/2019	11/07/2020	31/01/2021
ME-C15	58° 13.043' N	2° 48.955' W	10/07/2019	03/09/2020	01/02/2021
ME-C16	58° 13.651' N	2° 48.951' W	12/07/2019	03/09/2020	10/02/2021
ME-D04	58° 6.341' N	2° 47.414' W	26/01/2020	05/12/2020	
ME-D05	58° 6.949' N	2° 47.410' W	16/12/2019	09/12/2020	
ME-D07	58° 8.166' N	2° 47.403' W	22/01/2020	12/11/2020	
ME-D08	58° 8.774' N	2° 47.399' W	07/12/2019	26/11/2020	
ME-D09	58° 9.382' N	2° 47.396' W	07/12/2019	26/11/2020	
ME-D10	58° 9.990' N	2° 47.392' W	04/12/2019	28/11/2020	
ME-D11	58° 10.598' N	2° 47.389' W	24/01/2020	28/11/2020	
ME-D12	58° 11.207' N	2° 47.385' W	31/01/2020	11/11/2020	
ME-D13	58° 11.815' N	2° 47.381' W	06/12/2019	12/11/2020	
ME-D14	58° 12.423' N	2° 47.378' W	02/02/2020	12/07/2020	22/01/2021
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	22/08/2020	
ME-D17	58° 14.248' N	2° 47.367' W	13/07/2019	24/08/2020	
ME-E04	58° 6.329' N	2° 45.838' W	17/11/2019	30/11/2020	
ME-E05	58° 6.937' N	2° 45.834' W	18/11/2019	30/11/2020	
ME-E19	58° 15.452' N	2° 45.778' W	14/07/2019	20/09/2020	
ME-F04	58° 6.317' N	2° 44.263' W	28/01/2020	03/12/2020	
ME-F21	58° 16.656' N	2° 44.187' W	16/07/2019	17/08/2020	
ME-G05	58° 6.913' N	2° 42.683' W	01/12/2019	07/12/2020	
ME-G06	58° 7.521' N	2° 42.678' W	12/01/2020	10/12/2020	
ME-G07	58° 8.129' N	2° 42.673' W	24/08/2019	02/12/2020	
ME-G09	58° 9.345' N	2° 42.663' W	07/08/2019	17/12/2020	
ME-G10	58° 9.954' N	2° 42.658' W	18/08/2019	14/10/2020	
ME-G11	58° 10.562' N	2° 42.653' W	05/01/2020	14/10/2020	
ME-G13	58° 11.778' N	2° 42.643' W	05/07/2019	10/10/2020	
ME-G15	58° 12.995' N	2° 42.633' W	27/06/2019	11/10/2020	
ME-G16	58° 13.603' N	2° 42.629' W	24/06/2019	01/10/2020	
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	29/08/2020	

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ME-G19	58° 15.428' N	2° 42.614' W	09/06/2019	25/09/2020	
ME-G20	58° 16.036' N	2° 42.609' W	13/02/2020	28/09/2020	
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	18/08/2020	
ME-H05	58° 6.900' N	2° 41.107' W	30/11/2019	26/10/2020	
ME-H06	58° 7.508' N	2° 41.102' W	25/12/2019	14/11/2020	
ME-H07	58° 8.116' N	2° 41.096' W	24/12/2019	14/11/2020	
ME-H08	58° 8.724' N	2° 41.091' W	18/12/2019	17/11/2020	
ME-H09	58° 9.333' N	2° 41.086' W	05/08/2019	08/11/2020	
ME-H10	58° 9.941' N	2° 41.080' W	31/12/2019	10/11/2020	
ME-H13	58° 11.765' N	2° 41.064' W	04/07/2019	17/10/2020	
ME-H14	58° 12.374' N	2° 41.059' W	28/06/2019	23/10/2020	
ME-H16	58° 13.590' N	2° 41.048' W	23/06/2019	19/08/2020	
ME-H17	58° 14.198' N	2° 41.042' W	19/06/2019	30/10/2020	
ME-H18	58° 14.806' N	2° 41.037' W	08/08/2019	04/11/2020	
ME-H19	58° 15.415' N	2° 41.032' W	08/06/2019	08/10/2020	
ME-H20	58° 16.023' N	2° 41.026' W	24/07/2019	05/09/2020	
ME-H21	58° 16.631' N	2° 41.021' W	21/07/2019	10/09/2020	
ME-H22	58° 17.239' N	2° 41.015' W	18/07/2019	22/09/2020	
ME-I06	58° 7.495' N	2° 39.526' W	23/10/2019	17/09/2020	
ME-I07	58° 8.103' N	2° 39.520' W	26/12/2019	20/08/2020	
ME-I19	58° 15.401' N	2° 39.450' W	05/06/2019	01/10/2020	
ME-I20	58° 16.010' N	2° 39.444' W	07/06/2019	09/10/2020	
ME-J07	58° 8.090' N	2° 37.943' W	23/08/2019	12/08/2020	
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	28/10/2020	
ME-J13	58° 11.739' N	2° 37.905' W	02/07/2019	05/11/2020	
ME-J14	58° 12.347' N	2° 37.899' W	30/06/2019	02/11/2020	
ME-J16	58° 13.563' N	2° 37.886' W	21/06/2019	03/11/2020	
ME-J17	58° 14.172' N	2° 37.880' W	02/06/2019	08/11/2020	
ME-J18	58° 14.780' N	2° 37.874' W	20/06/2019	16/07/2020	
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	13/08/2020	
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	27/08/2020	
ME-K16	58° 13.550' N	2° 36.306' W	31/05/2019	06/11/2020	
ME-K17-OFF	58° 14.189' N	2° 36.133' W	30/05/2019	06/11/2020	
ME-L09	58° 9.278' N	2° 34.775' W	27/07/2019	15/09/2020	

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ME-L11	58° 10.494' N	2° 34.761' W	27/07/2019	16/10/2020	
ME-L12	58° 11.103' N	2° 34.754' W	25/07/2019	25/10/2020	
ME-L13	58° 11.711' N	2° 34.747' W	30/12/2019	27/10/2020	
ME-E18	58° 14.844' N	2° 45.782' W	14/07/2019	19/09/2020	
ME-E14	58° 12.411' N	2° 45.798' W	07/07/2019	05/07/2020	15/01/2021
ME-I18	58° 14.793' N	2° 39.455' W	17/08/2019	30/10/2020	
ME-F08	58° 8.750' N	2° 44.245' W	29/08/2019	21/11/2020	
ME-G08	58° 8.737' N	2° 42.668' W	23/12/2019	02/12/2020	
ME-H11	58° 10.549' N	2° 41.075' W	22/12/2019	21/10/2020	
ME-C04	58° 6.353' N	2° 48.989' W	21/10/2019	21/12/2020	
ME-C02	58° 5.136' N	2° 48.995' W	06/11/2019	16/11/2020	
ME-D06	58° 7.557' N	2° 47.407' W	15/12/2019	18/12/2020	
ME-OSP1	58° 7.546' N	2° 45.830' W	21/08/2019	30/08/2020	
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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3.1 Sub Structure Installation Vessels

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



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4 Inter Array Cable Installation, Support Works, Termination and Testing

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) have completed the first of two campaigns of Inter Array Cable (IAC) lay and burial. Testing and Termination Works within the bounds of site 1 will continue. Campaign 2 is scheduled to commence from 24/02/2021.

The cable pull ins and free lay of inter array cable between WTG's will be carried out by the Living stone vessel along with WROV surveys once cable is installed. The Living stone will be supported by Grand Canyon. She will be operating a walk to work system for personnel access to the WTG locations and transferring equipment to assist the cable pull ins. Both vessels will be supported by the Crew Transfer vessel MHO Gurli, that will assist in personnel transfers to WTGs and carrying out crew changes for both vessels.

The Testing and Termination Works will be carried out from the OSPs and WTGs.

Personnel and equipment for these works will be based on the Offshore Support Vessel, Deep Cygnus. Personnel and equipment will be transported by the Deep Cygnus between OSPs and WTGs. Deep Cygnus will be completing Testing and Termination works on the cable routes identified in Figure 3.

Deep Cygnus will be restricted in her ability to manoeuvre during transfer of personnel and equipment to and from the OSPs and WTGs.

The overall work scope will be carried out in 2 campaigns – Campaign 1 commencing 11/11/20 to 23/01/21, now complete, and Campaign 2 commencing 24/02/21 to 11/06/21.

Progress on the IAC termination and testing is updated on Figure 3.

4.1 Inter Array Cable Vessels

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Deep Cygnus	
General Description and Dimensions:	Support Vessel LOA: 124.4 m, Beam: 22m, Draught 5.7 m
Call Sign:	LACV8
MMSI:	257205000
On Board Contact:	Master
Offshore Manager / Party Chief:	TBC
E-mail:	master@deepcygnus.no
Onshore Representative:	Neil Crawford



IAC installation Vessel Living stone	
General Description and Dimensions:	Cable Installation Vessel LOA: 161 m, Beam: 32.24 m, Draught 5.6 m

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Call Sign:	PBXN
MMSI:	244010952
On Board Contact:	Master
Offshore Manager / Party Chief:	TBC
E-mail:	TBC
Onshore Representative:	Ross Cox



IAC Support Vessel Grand Canyon3	
General Description and Dimensions:	Support Vessel LOA: 127.75 m, Beam: 25.2m, Draught 6.7 m

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Call Sign:	LACJ8
MMSI:	257010590
On Board Contact:	Master
Offshore Manager / Party Chief:	TBC
E-mail:	master@grand-canyon3.no
Onshore Representative:	Ross Cox



CTV/FSV MHO Gurli	
General Description and Dimensions:	CTV LOA: 39 m, Beam: 10.3m, Draught 1.8 m

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Call Sign:	OXJL2
MMSI:	219023785
On Board Contact:	Master
Offshore Manager / Party Chief:	TBC
E-mail:	MHO-GURLI@MHO-CO.DK
Onshore Representative:	Ross Cox



Crew Transfer Vessel World Bora	
General Description and Dimensions:	CTV

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	LOA: 23.65 m, Beam: 9.5m, Draught 2.3 m
Call Sign:	OWJw2
MMSI:	219019933
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	ross.cox@edpr.com
Onshore Representative:	Ross Cox



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5 Guard Vessels

Kinnaird Marine Limited has been appointed by Moray East to provide guard vessels during Construction phase. Apart from times of extreme weather, there will always be at least one guard vessel on station during 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.

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

5.1 Windfarm Area Guard Vessels (Kinnaird Marine)

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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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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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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6 Crew Transfer Vessels/Offshore support

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) will be utilising CTVs (Crew Transfer Vessels) to support offshore works on the newly installed Jackets and Offshore Substations. The CTVs will be transiting daily from Fraserburgh.

Windcat 19	
General Description and Dimensions:	CTV LOA: 21m, Beam: 6 m, Draught 2.4 m
Call Sign:	2ATD3
MMSI:	235062747
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	windcat19@windcatworkboats.com
Onshore Representative:	Magnus Currie



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Windcat 15	
General Description and Dimensions:	CTV LOA: 21m, Beam: 6 m, Draught 2.4 m
Call Sign:	2CBB3
MMSI:	235071183
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	windcat19@windcatworkboats.com
Onshore Representative:	Magnus Currie



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Windcat 16	
General Description and Dimensions:	CTV LOA: 18m, Beam: 6 m, Draught 2.4 m
Call Sign:	2B008
MMSI:	235067955
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	windcat16@windcatworkboats.com
Onshore Representative:	Magnus Currie



7 Meteorological Mast Unlit

7.1 Met Mast Decommissioning

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) are carrying out Decommissioning of the met mast which entails the removal of the steel lattice tower as well as a subsea cut of the monopile. These operations commenced on the 23/11/2020 and are expected to last until the end of February exclusive of weather downtime.

Now the tower structure and transition piece are demobilised, the Olympic Zeus will remove the monopile. The Olympic Zeus may be assisted by the Olympic Taurus. The Windcat 6 will be used for safety purposes providing over the side cover whilst the lattice tower is disassembled by rope access teams. The Solvik Supplier will be in attendance as required as the PSV.

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On completion of the works there will be an underwater obstruction to navigation comprising the concrete caisson and lower section of the monopile. A special mark buoy will be deployed to mark the obstruction and an NTM will be issued once the buoy is installed with its position.

The location of the Met Mast where the decommissioning works will take place is depicted in Figure 5 and coordinates given in Table 3.

Table 3 – 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



Figure 4 – Photograph of the Meteorological Mast

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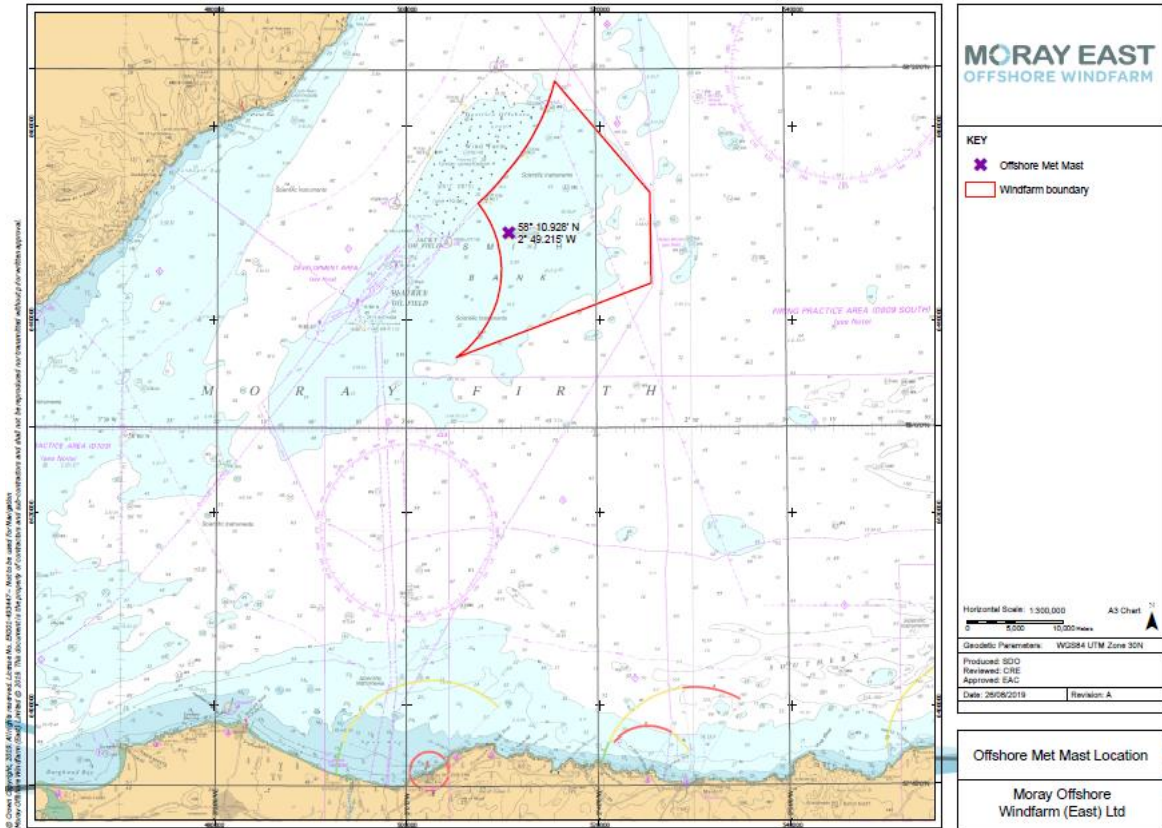


Figure 5 – Meteorological Mast location map

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7.2 Met Mast Decommissioning Vessels

Olympic Zeus	
General Description and Dimensions:	Offshore Construction vessel LOA 94 m Beam 23 m Draught 7.2 m
Call Sign:	LAUR
IMO/MMSI	9424728
On Board Contact:	Master
Offshore Manager / Party Chief:	TBN
E-mail:	TBN
Onshore Representative:	Carl Galfskiy



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Olympic Artemis	
General Description and Dimensions:	Offshore construction vessel LOA 87.75 m; Beam 19.2 m; Draught 5.8 m
Call Sign:	LAFV8
IMO/MMSI:	MMSI: 257040610
On Board Contact:	Master
Offshore Manager / Party Chief:	TBN
E-mail:	TBN
Onshore Representative:	Carl Galfskiy



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Solvik Supplier	
General Description and Dimensions:	PSV LOA 85 m; Beam 20 m; Draught 5.3 m
Call Sign:	C6ZW5
IMO/MMSI	MMSI: 311070200
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	captain.solvik@vestlandoffshore.no
Onshore Representative:	Carl Galfskiy



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Windcat 6	
General Description and Dimensions:	CTV LOA: 16 m, Beam: 6 m, Draught 1.9m
Call Sign:	MXFD
MMSI:	23057789
On Board Contact:	Master
Offshore Manager / Party Chief:	N/A
E-mail:	Windcat6@windcatworkboats.com
Onshore Representative:	Carl Galfskiy



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8 WTG Installation and Commissioning.

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) commenced WTG installation on the previously installed jackets (Figure 3). WTGs will be installed by the JUV Bold Tern. Once the WTGs have been installed Acta Centaurus will transfer teams of technicians using a walk to work system to carry out commissioning works in readiness for energisation. Acta Centaurus will be supported by 2 CTVs (HST Harri and Windcat 40). Installation and commissioning works commenced 12th January 2021.

8.1 Installation and commissioning Vessels.

JUV Bold Tern	
General Description and Dimensions:	Installation Vessel LOA: 131.73 m, Beam: 39 m, Draught 6.2 m
Call Sign:	9HA3053
MMSI:	229080000
On Board Contact:	Master: master.bot@fredolsen.com
Offshore Manager / Party Chief:	Neil McAllister
E-mail:	Nemca@mhivestasoffshore.com
Onshore Representative:	Colin Allan: colin.allan@oceanwinds.com



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Acta Centaurus	
General Description and Dimensions:	W2W Vessel LOA: 93.4 m, Beam: 18 m, Draught 5.6 m
Call Sign:	PB01
MMSI:	244341000
On Board Contact:	Master: captain@actacentaurus.com
Offshore Manager / Party Chief:	Troels Hovgesen
E-mail:	trhov@mhivestasoffshore.com
Onshore Representative:	Colin Allan: colin.allan@oceanwinds.com



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HST Harri	
General Description and Dimensions:	CTV LOA: 27 m, Beam: 11 m, Draught 2.3 m
Call Sign:	MGBN4
MMSI:	232024313
On Board Contact:	Master: harri@highspeedtransfers.com
Offshore Manager / Party Chief:	Troels Hovgesen
E-mail:	trhov@mhivestasoffshore.com
Onshore Representative:	Colin Allan: colin.allan@oceanwinds.com



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Windcat 40	
General Description and Dimensions:	CTV LOA: 22 m, Beam: 7 m, Draught 1.9 m
Call Sign:	MBCT7
MMSI:	232008399
On Board Contact:	Master: Windcat40@windcatworkboats.com
Offshore Manager / Party Chief:	Troels Hovgesen
E-mail:	trhov@mhivestasoffshore.com
Onshore Representative:	Colin Allan: colin.allan@oceanwinds.com



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9 Cable Protection/Rock Installation Operations

Moray Offshore Windfarm (East) Limited (Moray East) have commenced cable protection and rock installation operations 11th February 2021 for a period of circa 7 days (dependent upon weather conditions), within the bounds of the areas shown in Figure 6 and Table 4 as described below:

- Within the first 500 metres of the export cable from the HDD exit point in Boyndie Bay;
- At KP25 there is a rock berm <200 metres in length that has already been installed which meets the required berm specification set out in the Cable Plan and therefore does not present a risk to fishing vessels. However Moray East will place a small amount of additional rock on the berm; and
- Within the wind farm site boundary close to the OSPs.

Please note that the export cable guard vessels have been withdrawn because the cable installation works in the area they were covering have been completed to the required specification. A guard vessel and Offshore Fisheries Liaison Officer remain in the wind farm site.

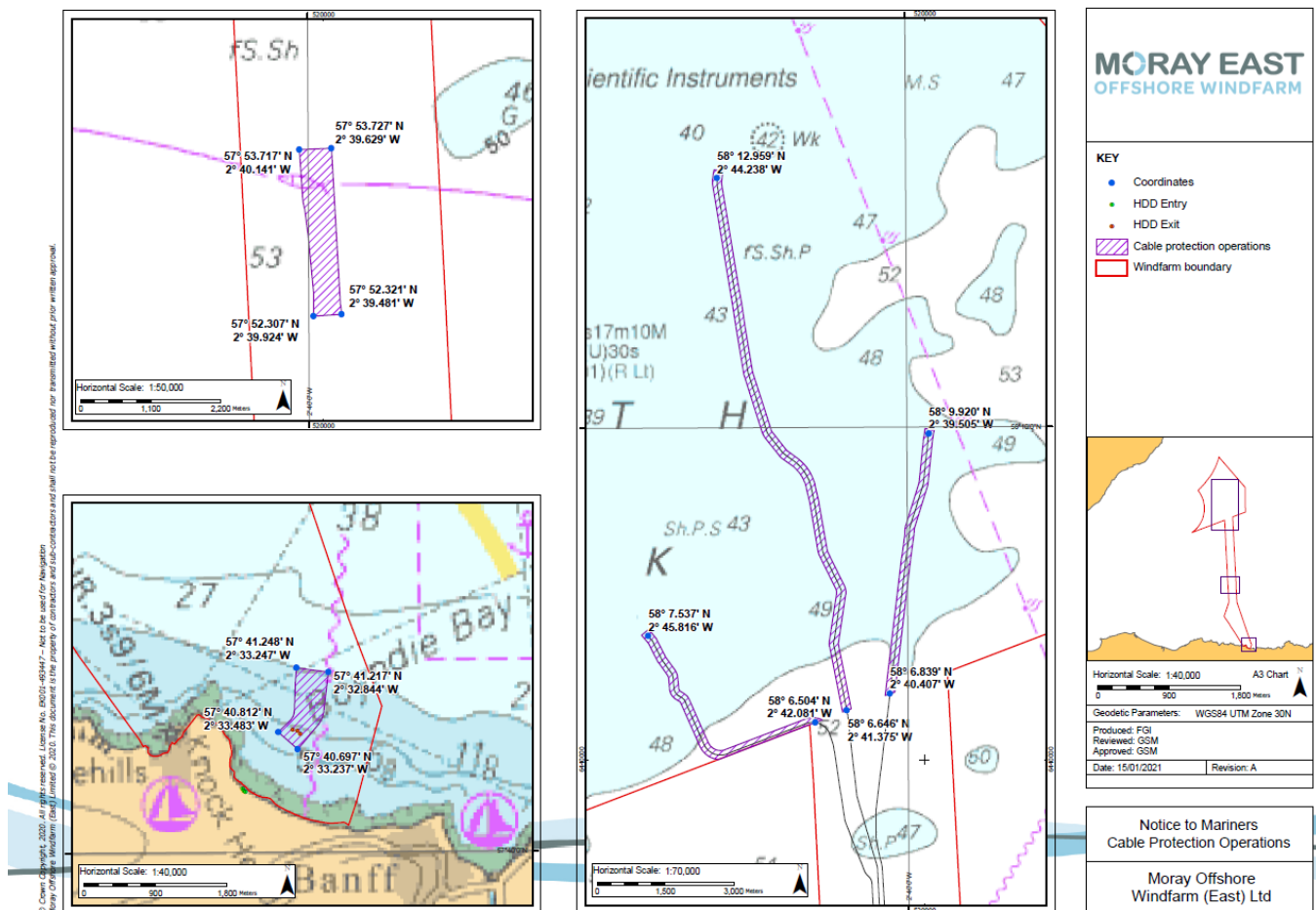


Figure 6 – Cable Protection/Rock Installation operations location map

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Table 4 – Cable Protection/Rock Installation areas

Point	Latitude	Longitude	Zone
a	57° 40.812' N	2° 33.483' W	Landfall
b	57° 40.697' N	2° 33.237' W	
c	57° 41.248' N	2° 33.247' W	
d	57° 41.217' N	2° 32.844' W	
e	57° 53.717' N	2° 40.141' W	KP25.0
f	57° 53.727' N	2° 39.629' W	
g	57° 52.321' N	2° 39.481' W	
h	57° 52.307' N	2° 39.924' W	
i	58° 6.504' N	2° 42.081' W	Windfarm Site
j	58° 7.537' N	2° 45.816' W	
k	58° 6.646' N	2° 41.375' W	
l	58° 12.959' N	2° 44.238' W	
m	58° 6.839' N	2° 40.407' W	
n	58° 9.920' N	2° 39.505' W	

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9.1 Cable Protection/Rock Installation Vessel

Rollingstone	
General Description and Dimensions:	LOA: 138.98 m, Beam: 32 m, Draught: 6.6 m
Call Sign:	PHYR
MMSI:	245746000
On Board Contact:	Mob: +49 421 5172191 93 5
Offshore Manager / Party Chief:	Vessel Master
E-mail:	bridge.rollingstone@deme-group.com
Onshore Representative:	Andy Small: andrew.small@morayeast.com



10 General Safety Advice

Please be aware that by virtue of their mode of operation and the equipment deployed the Bold Tern, Livingstone, Grand Canyon 3, Acta Centaurus, Deep Cygnus, Rollingstone and Boa Sub C will be Restricted in their Ability to Manoeuvre (RAM) as defined under COLREGs (International Regulations for Preventing Collisions at Sea 1972, Rule 3). 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.

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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#marking-of-fishing-gear>).

The Scottish Ministers have authorised the use of the following safety zones:

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. These safety zones will not include service operation vessels used during walk-to-work activities. A maximum of eight of such zones is permitted at any one time and no more than two safety zones can be sufficiently close to one another as to have the effect of a larger continuous safety zone.
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 safe passing distance and contact the vessel on VHF CH16 to ascertain what distance is required dependant on their ongoing operation.

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.

Table 6. Expected Safety zones for the coming week (a maximum of eight Safety Zones will be active simultaneously)

Structure requiring Safety Zone	Associated vessels	Active Safety Zones Anticipated
All Locations	Bold Tern	500m whenever listed vessel present, 50m otherwise
All Locations	Boa Sub C	500m whenever listed vessel present, 50m otherwise
All Locations	Acta Centaurus	500m whenever listed vessel present, 50m otherwise

***Note an on site vessel will provide up to date details on a live basis as to ongoing works and safety zones.**

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11 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 the vessel can be contacted on VHF CH16 or via +44 (0) 1346 490795.

12 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.

13 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.

14 Completed Operations

14.1 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

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14.2 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.

14.3 Subsea Export Cable Trenching works completed

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) have completed trenching works on the 3 installed offshore export cables (OEC's).

14.4 Jacket Installation

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) have completed Jacket installation 26/12/2020

14.5 Diving Campaign near Boyndie Bay

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) have completed diving operations nearshore off Boyndie Bay.