

<b>MORAY EAST</b> <b>WEEKLY NOTICE OF OPERATIONS</b>	Issue Date	19/04/2021
	Ref: 8460001-PC0010-MWE-REP-0111	Rev: 01

## Work Planned for the Period 19.04.2021 to 25.04.2021

*Construction work for Moray East Offshore Wind Farm commenced on the 18<sup>th</sup> of 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.

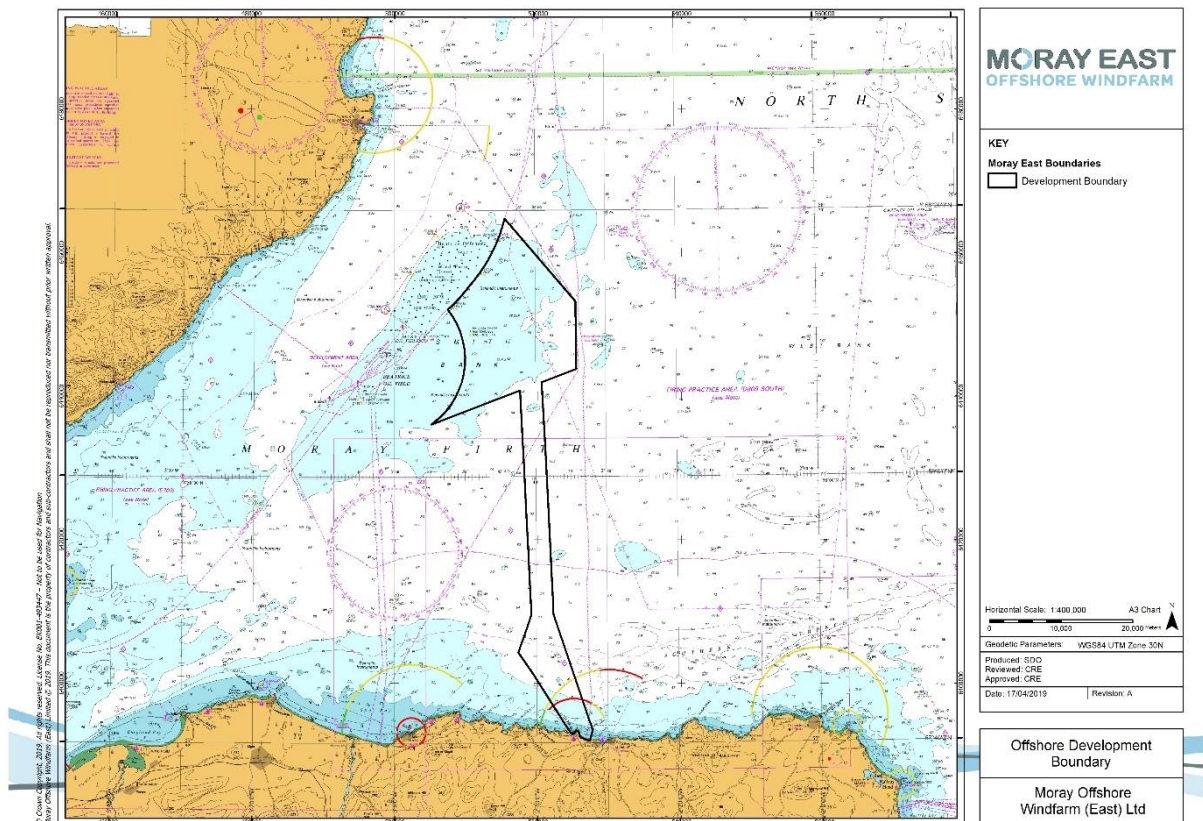


Figure 1 - Moray East Offshore Development Boundary

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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 hours 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.

## **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.

<b>Telephone Number (Day Operations)</b>	+44 (0) 778 706 5714
<b>Emergency Contact (24/7)</b>	+44 (0) 1346 511 838
<b>Marine Coordinator Email</b>	<a href="mailto:MarineCoordination.MORAYEAST@Morayeast.com">MarineCoordination.MORAYEAST@Morayeast.com</a>
<b>Address</b>	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.

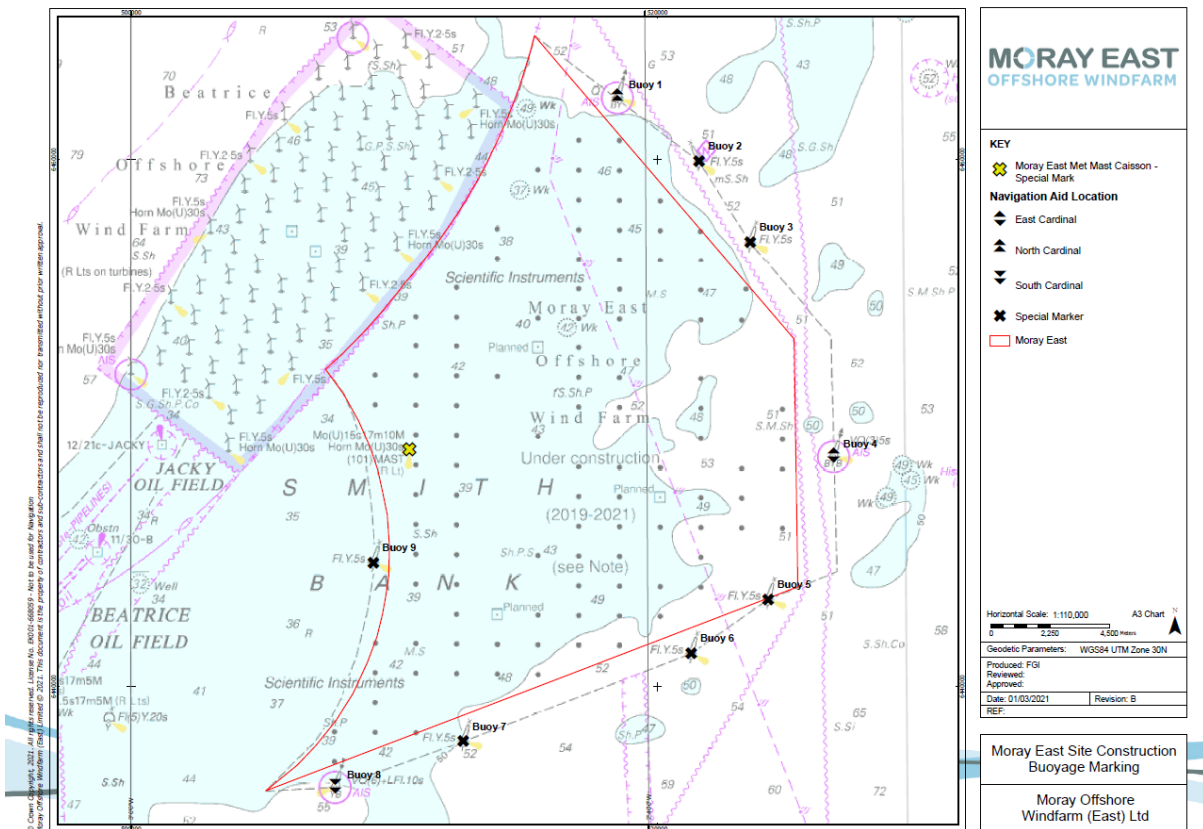
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Name	WGS84		WGS84 UTM Zone 30N	
	Latitude (dms)	Longitude (dms)	Easting (m)	Northing (m)
<b>Buoy 1 - North Cardinal Buoy</b> , Pillar shaped with a north cardinal shaped top mark, exhibiting a Quick (Q) White (W) light character and AIS. <b>Currently offset 20m, awaiting recovery and re-deployment in original position</b>	58° 18' 6.474" N	2° 41' 3.534" W	518502.59	6462354.47
<b>Buoy 2 - Special Mark Buoy</b> , Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 16' 48.312" N	2° 37' 55.410" W	521578.59	6459952.70
<b>Buoy 3 - Special Mark Buoy</b> , Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 15' 8.472" N	2° 35' 57.342" W	523520.36	6456875.94
<b>Buoy 4 - East Cardinal Buoy</b> , Pillar shaped with an east cardinal shaped top mark, exhibiting a Very (V) Q (3) 5 second (s) W light character	58° 10' 44.106" N	2° 32' 45.834" W	526697.65	6448719.84
<b>Buoy 5 - Special Mark Buoy</b> , Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 7' 49.662" N	2° 35' 20.616" W	524201.84	6443308.72
<b>Buoy 6 - Special Mark Buoy</b> , Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 6' 43.980" N	2° 38' 19.896" W	521279.81	6441260.64
<b>Buoy 7 - Special Mark Buoy</b> , Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 4' 57.246" N	2° 47' 9.336" W	512624.55	6437922.83
<b>Buoy 8 – South Cardinal</b> , Pillar shaped with a south cardinal shaped top mark, exhibiting a V Q (6) + L Fl 10s W light character and AIS.	58° 4' 1.080" N	2° 52' 6.660" W	507757.36	6436173.36

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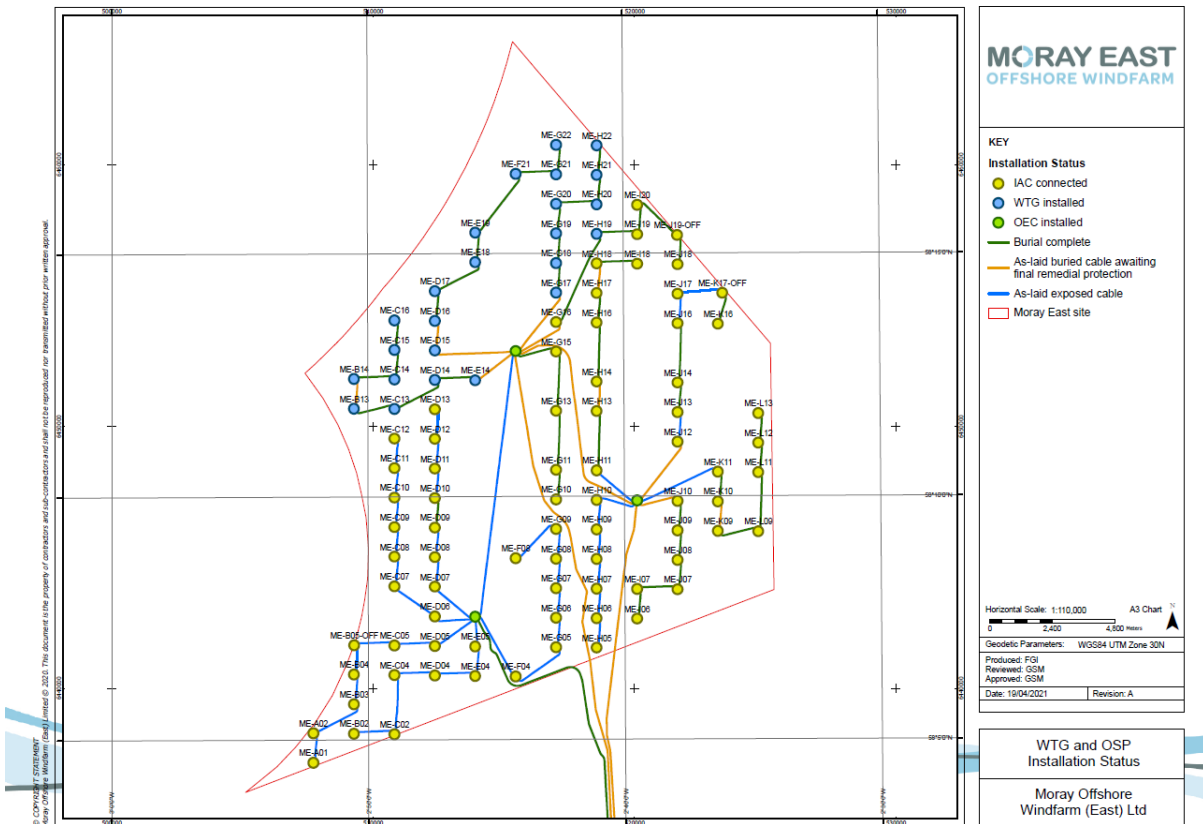
<b>Buoy 9 - Special Mark Buoy</b> , Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 8' 37.092" N	2° 50' 37.086" W	509205.57	6444712.52
<b>Buoy 10 - Special Mark Buoy</b> Pillar shaped with a yellow 'x' shaped top mark, exhibiting a Fl Y 5s light character.	58° 10' 55.616" N	2° 49' 12.710" W	510573.98	6449000.05

**Table 1 – Marker buoy locations**



**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**

**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	23/02/2021
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	



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Turbine ID	Latitude (DD MM.mmm)	Longitude (DD MM.mmm)	Piling Complete	Jacket Installed	WTG Installed
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	01/03/2021
ME-D16	58° 13.639' N	2° 47.371' W	11/07/2019	22/08/2020	02/03/2021
ME-D17	58° 14.248' N	2° 47.367' W	13/07/2019	24/08/2020	04/03/2021
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	13/03/2021
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	17/03/2021
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	27/03/2021
ME-G18	58° 14.819' N	2° 42.619' W	16/06/2019	29/08/2020	01/04/2021
ME-G19	58° 15.428' N	2° 42.614' W	09/06/2019	25/09/2020	02/04/2021
ME-G20	58° 16.036' N	2° 42.609' W	13/02/2020	28/09/2020	03/04/2021
ME-G21	58° 16.644' N	2° 42.604' W	22/07/2019	21/07/2020	18/03/2021

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ME-G22	58° 17.252' N	2° 42.599' W	17/07/2019	18/08/2020	20/03/2021
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	17/04/2021
ME-H20	58° 16.023' N	2° 41.026' W	24/07/2019	05/09/2020	15/04/2021
ME-H21	58° 16.631' N	2° 41.021' W	21/07/2019	10/09/2020	14/04/2021
ME-H22	58° 17.239' N	2° 41.015' W	18/07/2019	22/09/2020	12/04/2021
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	
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	

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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	06/03/2021
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	

### **3 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 now under way with all the IAC's installed and burial works continuing using the Ndeavour and Grand Canyon III.

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 Vessels Siem Day. Personnel and equipment will be transported by Siem Day between OSPs and WTGs. Siem Day will be completing Testing and Termination works on the cable routes identified in Figure 3.

Siem Day 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 commenced 24/02/21 and is scheduled to be completed on 11/06/21.

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



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### 3.1 Inter Array Cable Vessels

IAC Support Vessel Siem Day	
<b>General Description and Dimensions:</b>	Support Vessel LOA: 120.8 m, Beam: 25.9m, Draught 6.7 m
<b>Call Sign:</b>	LAFB6
<b>MMSI:</b>	257651000
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	<a href="mailto:captain@day.siemoffshore.com">captain@day.siemoffshore.com</a>
<b>Onshore Representative:</b>	Ross Cox <a href="mailto:ross.cox@oceanwinds.com">ross.cox@oceanwinds.com</a>



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<b>IAC Support Vessel Grand Canyon III</b>	
<b>General Description and Dimensions:</b>	Support Vessel LOA: 127.75 m, Beam: 25.2m, Draught 6.7 m
<b>Call Sign:</b>	LACJ8
<b>MMSI:</b>	257010590
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	<a href="mailto:master@grand-canyon3.no">master@grand-canyon3.no</a>
<b>Onshore Representative:</b>	Ross Cox <a href="mailto:ross.cox@oceanwinds.com">ross.cox@oceanwinds.com</a>



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<b>IAC Burial Vessel Ndeavour</b>	
<b>General Description and Dimensions:</b>	IAC Burial Vessel LOA: 99 m, Beam: 30m, Draught 6.7 m
<b>Call Sign:</b>	5BVG3
<b>MMSI:</b>	209852000
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	Ndeavour-captain@boskalis.com
<b>Onshore Representative:</b>	Ross Cox <a href="mailto:ross.cox@oceanwinds.com">ross.cox@oceanwinds.com</a>



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<b>Crew Transfer Vessel World Bora</b>	
<b>General Description and Dimensions:</b>	CTV LOA: 23.65 m, Beam: 9.5m, Draught 2.3 m
<b>Call Sign:</b>	OWJW2
<b>MMSI:</b>	219019933
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	<a href="mailto:bora@wm-offshore.com">bora@wm-offshore.com</a>
<b>Onshore Representative:</b>	Ross Cox <a href="mailto:ross.cox@oceanwinds.com">ross.cox@oceanwinds.com</a>



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<b>CTV/FSV MHO Gurli</b>	
<b>General Description and Dimensions:</b>	CTV LOA: 39 m, Beam: 10.3m, Draught 1.8 m
<b>Call Sign:</b>	OXJL2
<b>MMSI:</b>	219023785
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	TBC
<b>E-mail:</b>	<a href="mailto:MHO-GURLI@MHO-CO.DK">MHO-GURLI@MHO-CO.DK</a>
<b>Onshore Representative:</b>	Ross Cox <a href="mailto:ross.cox@oceanwinds.com">ross.cox@oceanwinds.com</a>





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#### 4 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.

##### 4.1 Windfarm Area Guard Vessels (Kinnaird Marine)

GV Replenish	
<b>General Description and Dimensions:</b>	Guard Vessel LOA: 24.36 m, Beam: 7.17 m, Draught 3.48 m
<b>Call Sign:</b>	MASY7
<b>MMSI:</b>	235055180
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	<a href="mailto:gvreplenish@gmail.com">gvreplenish@gmail.com</a>
<b>Onshore Representative:</b>	John McIntyre <a href="mailto:john.mcintyre@oceanwinds.com">john.mcintyre@oceanwinds.com</a>



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<b>Bountiful</b>	
<b>General Description and Dimensions:</b>	Guard Vessel LOA: 21.1m, Beam: 6.9 m, Draught 3.8m
<b>Call Sign:</b>	MJLF4
<b>MMSI:</b>	232004846
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	<a href="mailto:kmsability@gmail.com">kmsability@gmail.com</a>
<b>Onshore Representative:</b>	John McIntyre <a href="mailto:john.mcintyre@oceanwinds.com">john.mcintyre@oceanwinds.com</a>



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<b>GV KMS Kinnaird</b>	
<b>General Description and Dimensions:</b>	Guard Vessel LOA: 23 m, Beam: 6 m, Draught 3.2 m
<b>Call Sign:</b>	GHNE
<b>MMSI:</b>	232004523
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	<a href="mailto:KMSKinnaird@gmail.com">KMSKinnaird@gmail.com</a>
<b>Onshore Representative:</b>	John McIntyre <a href="mailto:john.mcintyre@oceanwinds.com">john.mcintyre@oceanwinds.com</a>



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### 5 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.

<b>Windcat 19</b>	
<b>General Description and Dimensions:</b>	CTV LOA: 21m, Beam: 6 m, Draught 2.4 m
<b>Call Sign:</b>	2ATD3
<b>MMSI:</b>	235062747
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	<a href="mailto:windcat19@windcatworkboats.com">windcat19@windcatworkboats.com</a>
<b>Onshore Representative:</b>	John McIntyre <a href="mailto:john.mcintyre@oceanwinds.com">john.mcintyre@oceanwinds.com</a>





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<b>Windcat 6</b>	
<b>General Description and Dimensions:</b>	CTV LOA: 16 m, Beam: 6 m, Draught 1.9m
<b>Call Sign:</b>	MXFD
<b>MMSI:</b>	23057789
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	<a href="mailto:Windcat6@windcatworkboats.com">Windcat6@windcatworkboats.com</a>
<b>Onshore Representative:</b>	John McIntyre <a href="mailto:john.mcintyre@oceanwinds.com">john.mcintyre@oceanwinds.com</a>





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<b>NSL Discovery</b>	
<b>General Description and Dimensions:</b>	CTV LOA: 19m, Beam: 7 m, Draught 2.4 m
<b>Call Sign:</b>	2GEQ9
<b>MMSI:</b>	235096731
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	<a href="mailto:discovery@northsealogistics.co.uk">discovery@northsealogistics.co.uk</a>
<b>Onshore Representative:</b>	John McIntyre <a href="mailto:john.mcintyre@oceanwinds.com">john.mcintyre@oceanwinds.com</a>



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## 6 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 12<sup>th</sup> January 2021.

### 6.1 Installation and commissioning Vessels.

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



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<b>Acta Centaurus</b>	
<b>General Description and Dimensions:</b>	W2W Vessel LOA: 93.4 m, Beam: 18 m, Draught 5.6 m
<b>Call Sign:</b>	PB0I
<b>MMSI:</b>	244341000
<b>On Board Contact:</b>	Master: <a href="mailto:captain@actacentaurus.com">captain@actacentaurus.com</a>
<b>Offshore Manager / Party Chief:</b>	Troels Hovgesen
<b>E-mail:</b>	<a href="mailto:trhov@mhivestasoffshore.com">trhov@mhivestasoffshore.com</a>
<b>Onshore Representative:</b>	Colin Allan: <a href="mailto:colin.allan@oceanwinds.com">colin.allan@oceanwinds.com</a>



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



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





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**10 Minor secondary works from CTV Waterfall.**

Please be advised that Moray Offshore Windfarm (East) Limited are carrying out minor secondary works on various locations within bounds of the Offshore windfarm (below in Figure 3). The Works will be ongoing from the 29<sup>th</sup> of March (subject to weather), operating from the Port of Buckie using the CTV Waterfall.

<b>Waterfall</b>	
<b>General Description and Dimensions:</b>	Crew Transfer Vessel
<b>Call Sign:</b>	2CBT4
<b>MMSI:</b>	235071392
<b>On Board Contact:</b>	Master
<b>Offshore Manager / Party Chief:</b>	N/A
<b>E-mail:</b>	<a href="mailto:bill@moraymarine.com">bill@moraymarine.com</a>
<b>Onshore Representative:</b>	Jan Van de Velde: <a href="mailto:Van.de.Velde.Jan@deme-group.com">Van.de.Velde.Jan@deme-group.com</a>



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**11. Scour Protection Operations.**

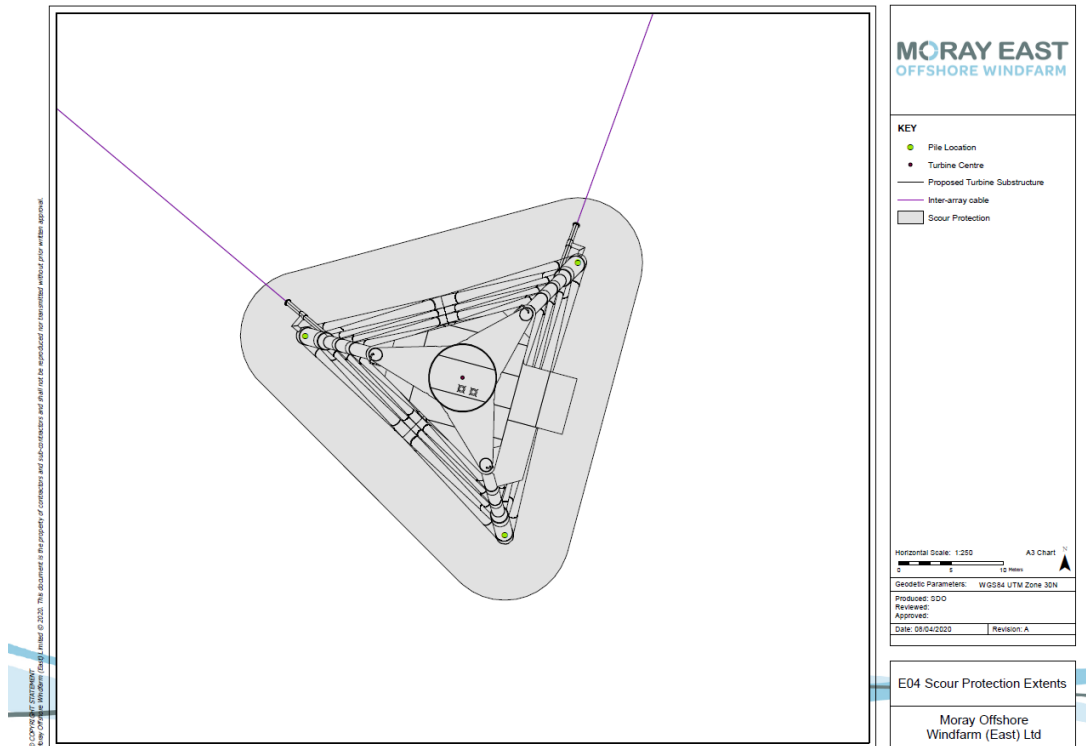
Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) are planning to re-commence scour protection operations work scope at four locations within the bounds of Moray East Offshore Windfarm circa 14<sup>th</sup> April 2021. The locations of each of the four assets where scour protection will be installed is shown in Figure 4 and Table 3 below (asset locations shown in figure 3).

Location	Latitude (DMS)	Longitude (DMS)	Latitude (DM)	Longitude (DM)
ME-C04	58 6' 21.170"N	2 48' 59.362" W	58 6.353' N	2 48.989' W
ME-E04	58 6' 19.742"N	2 45' 50.384" W	58 6.329' N	2 45.840' W
ME-OSP2	58 13' 0.415"N	2 44' 12.807" W	58 13.007' N	2 44.213' W
ME-OSP3	58 9' 56.656"N	2 39' 30.088" W	58 9.928' N	2 39.501' W

**Table 3.**

The work will comprise of rock dumping from the Rollingstone via fall pipe, area covered on each of the four asset locations is shown in Figure 4 below.

**Figure 4. Scour protection area coverage**



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<b>Rollingstone</b>	
<b>General Description and Dimensions:</b>	LOA: 99 m, Beam: 30m, Draught: 7 m
<b>Call Sign:</b>	5BVG3
<b>MMSI:</b>	209752000
<b>On Board Contact:</b>	Mob: +494215172191963
<b>Offshore Manager / Party Chief:</b>	Vessel Master
<b>E-mail:</b>	captain.rollingstone@ships.deme-group.com
<b>Onshore Representative:</b>	Andy small



**12 General Safety Advice**

Please be aware that by virtue of their mode of operation and the equipment deployed the Bold Tern, Rollingstone, Grand Canyon 3, Acta Centaurus, Siem Day and 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.

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

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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 4. 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	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.**

## **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:

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**Alex Winrow-Giffin** - Brown and May Marine Ltd.

**Email:** [alex@brownmay.com](mailto:alex@brownmay.com)

**Tel:** +44 1379 872148 / + 44 7760 160039

An Offshore Fisheries Liaison Officer is currently deployed onboard the KMS Replenish and the vessel 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.

### **15 Completed Operations**

#### **15.1 Piling Operations**

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

The piling operations commenced on the 19<sup>th</sup> May 2019 and were completed on 27<sup>th</sup> 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](mailto:John.watt@brownmay.com) 07590880746



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**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 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).

**15.4 Jacket Installation**

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

**15.5 Diving Campaign near Boyndie Bay**

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

**15.6 Offshore Met Mast Decommissioning works completed**

Please be advised that Moray East has decommissioned the met mast (lattice tower, Transition piece and Monopile) and deployed a special mark (buoy 10) to mark the caisson remaining on the seabed.