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## Notice to Mariners - Offshore

Mainport Geo, Fugro Mercator & Valkyrie

F199550-NtM-EA3-UXO-Offshore 06 | 10 October 2022

For Issue

**Scottish Power Renewables**



# Document Control

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## Client Information

Client	Scottish Power Renewables
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Client Contact	Alex Lowther, Wendy Connan
Client Document No.	F199550-NtM-EA3-UXO-Offshore

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02	23 June 2022	For Issue		AE	CL	CL
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04	14 July 2022	For Issue	Vessel start dates and project manager details updated	AE	CL	CL
05	29 July 2022	For Issue	Valkyrie and Mercator start dates updated	AE	CL	CL
06	10 October 2022	For Issue	Updated for addition of Geo Ranger	AE	CL	CL

## Project Team

Initials	Name	Role
CL	Christian Lynch	Project Manager
TBC	To be confirmed	Assistant Project Manager
GJ	Guy Jamieson	Vessel Project Manager
SL	Sam Litchfield	Vessel Project Manger
AE	Andrew Eastmond	Vessel Project Manager
GP	Gertjan Paff	Project Director

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CL	Christian Lynch	Project Manager
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## Abbreviations

<b>ECC</b>	Export cable corridor
<b>OWF</b>	Offshore wind farm
<b>UXO</b>	Unexploded ordnance
<b>WGS</b>	World geodetic system

# 1. Introduction

Scottish Power Renewables (SPR) has contracted Fugro GM Marine Limited (Fugro) to carry out UXO surveys located on their site east of Lowestoft, United Kingdom, in the southern North Sea and covers an area of approximately 5,900 km<sup>2</sup> for the East Anglia HUB offshore windfarm.

The East Anglia HUB offshore windfarm site is split into three zones: East Anglia ONE North (EA1N); East Anglia TWO (EA2); and East Anglia THREE (EA3). In 2022, Fugro will be operating in the EA3 array and EA3 Export Cable Corridor (ECC) only with operations commencing on approximately 6th July 2022.

This Notice to Mariners will be updated and reissued periodically as additional vessels are mobilised to come on site. For operations in 2022, current planning indicates a total of four vessels being on the EA3 site between the period 6th July and 31st October 2022. It should be noted these dates are subject to change.

Fugro will distribute updated revisions of this notice as early possible before any additional vessels arrive on site. The details of the vessel's survey and their estimated schedule will be included in section 3. Offshore Survey Investigations. Any additional contact details will be included in section 4. Immediate Contacts. Additional vessel's details will be included in section 5. Survey Vessels.

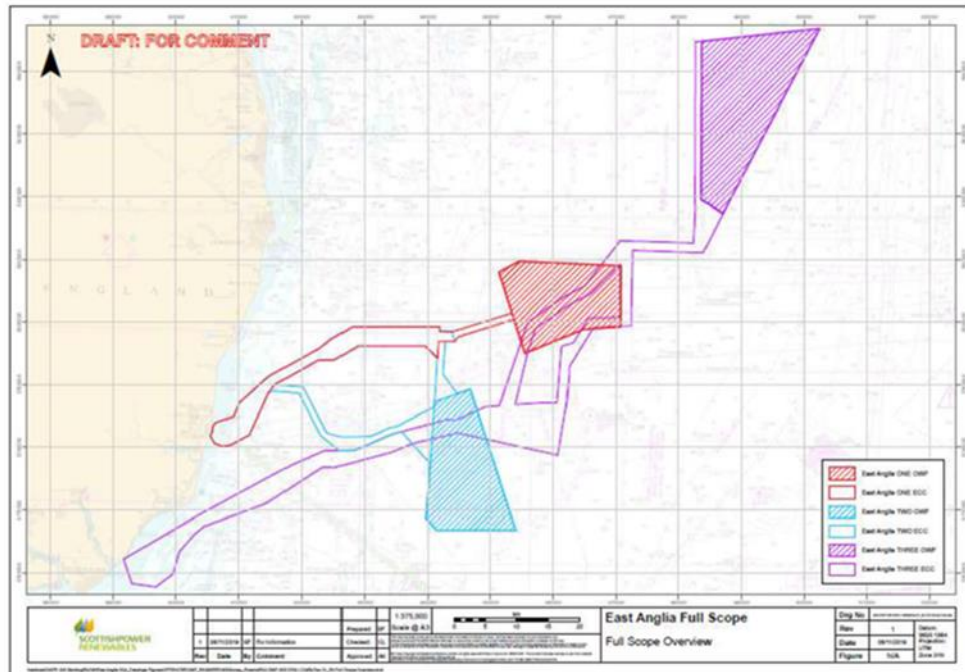


Figure 1.1: Project location

## 2. Area of Operations

The accompanying drawings in Appendix A indicates the areas within which the survey will be carried out. The coordinates of the survey area are also provided below.

### 2.1 EA3 – OWF

Table 2.1: East Anglia Three Windfarm Boundary Perimeter Coordinates

Ref ID	WGS 84 / UTM Zone 31N		World Geodetic System (WGS84)					
	(Metres)		(Decimal Degrees)		(Degrees Decimal Minutes)		(Degrees Minutes Seconds)	
	Eastings (m)	Northings (m)	Latitude (DD)	Longitude (DD)	Latitude (DDM)	Longitude (DDM)	Latitude (DMS)	Longitude (DMS)
1	487052.30	5817287.86	52.5055627	2.8092404	52° 30.333763' N	2° 48.554425' E	52° 30' 20.0258" N	2° 48' 33.2655" E
2	483639.67	5819524.02	52.5255742	2.7588524	52° 31.534453' N	2° 45.531142' E	52° 31' 32.0672" N	2° 45' 31.8685" E
3	483759.98	5844814.39	52.7529357	2.7593814	52° 45.176145' N	2° 45.562886' E	52° 45' 10.5687" N	2° 45' 33.7732" E
4	502545.66	5846873.91	52.7716884	3.0377336	52° 46.301306' N	3° 2.264018' E	52° 46' 18.0784" N	3° 2' 15.8411" E

### 2.2 EA3 – ECC

Table 2.2: East Anglia Three Export Cable Corridor Boundary Perimeter Coordinates

Ref ID	WGS 84 / UTM Zone 31N		World Geodetic System (WGS84)					
	(Metres)		(Decimal Degrees)		(Degrees Decimal Minutes)		(Degrees Minutes Seconds)	
	Eastings (m)	Northings (m)	Latitude (DD)	Longitude (DD)	Latitude (DDM)	Longitude (DDM)	Latitude (DMS)	Longitude (DMS)
1	487052.295	5817287.862	52.50556272	2.809240423	52° 30.333763' N	2° 48.554425' E	52° 30' 20.0258" N	2° 48' 33.2655" E
2	483966.0696	5811069.212	52.44957409	2.764070411	52° 26.974446' N	2° 45.844225' E	52° 26' 58.4667" N	2° 45' 50.6535" E
3	482469.8475	5811073.465	52.44956636	2.742054416	52° 26.973982' N	2° 44.523265' E	52° 26' 58.4389" N	2° 44' 31.3959" E
4	472672.2325	5811429.15	52.45236174	2.597862484	52° 27.141705' N	2° 35.871749' E	52° 27' 8.5023" N	2° 35' 52.3049" E
5	472440.8177	5799426.744	52.34444701	2.595445243	52° 20.666821' N	2° 35.726715' E	52° 20' 40.0092" N	2° 35' 43.6029" E
6	472440.6442	5799419.646	52.34438319	2.595443278	52° 20.662991' N	2° 35.726597' E	52° 20' 39.7795" N	2° 35' 43.5958" E
7	467672.1192	5799154.611	52.34174011	2.525471783	52° 20.504407' N	2° 31.528307' E	52° 20' 30.2644" N	2° 31' 31.6984" E
8	466432.749	5799181.312	52.3419057	2.507277605	52° 20.514342' N	2° 30.436656' E	52° 20' 30.8605" N	2° 30' 26.1994" E
9	462576.7977	5792867.772	52.284897	2.451382289	52° 17.093820' N	2° 27.082937' E	52° 17' 5.6292" N	2° 27' 4.9762" E
10	462572.5652	5792860.844	52.28483443	2.451321014	52° 17.090066' N	2° 27.079261' E	52° 17' 5.4039" N	2° 27' 4.7557" E
11	462556.1213	5792833.928	52.28459132	2.451082952	52° 17.075479' N	2° 27.064977' E	52° 17' 4.5288" N	2° 27' 3.8986" E
12	462553.5459	5792009.156	52.27717636	2.451136817	52° 16.630581' N	2° 27.068209' E	52° 16' 37.8349" N	2° 27' 4.0925" E
13	462550.0135	5791965.768	52.27678605	2.451089863	52° 16.607163' N	2° 27.065392' E	52° 16' 36.4298" N	2° 27' 3.9235" E
14	462161.5745	5787193.508	52.23385614	2.445931605	52° 14.031369' N	2° 26.755896' E	52° 14' 1.8821" N	2° 26' 45.3538" E
15	460761.4965	5778858.876	52.15882808	2.426396701	52° 9.529685' N	2° 25.583802' E	52° 9' 31.7811" N	2° 25' 35.0281" E
16	460786.0066	5778743.814	52.15779538	2.426768269	52° 9.467723' N	2° 25.606096' E	52° 9' 28.0634" N	2° 25' 36.3658" E
17	444819.4145	5782276.762	52.18819088	2.192814769	52° 11.291453' N	2° 11.568886' E	52° 11' 17.4872" N	2° 11' 34.1332" E
18	444760.2822	5782283.813	52.18824835	2.191948721	52° 11.294901' N	2° 11.516923' E	52° 11' 17.6941" N	2° 11' 31.0154" E

Ref ID	WGS 84 / UTM Zone 31N		World Geodetic System (WGS84)					
	(Metres)		(Decimal Degrees)		(Degrees Decimal Minutes)		(Degrees Minutes Seconds)	
	Easting (m)	Northings (m)	Latitude (DD)	Longitude (DD)	Latitude (DDM)	Longitude (DDM)	Latitude (DMS)	Longitude (DMS)
19	444715.655	5782281.34	52.18822165	2.191296385	52° 11.293299' N	2° 11.477783' E	52° 11' 17.5979" N	2° 11' 28.6670" E
20	437758.9832	5780656.836	52.17287681	2.089844973	52° 10.372609' N	2° 5.390698' E	52° 10' 22.3565" N	2° 5' 23.4419" E
21	437744.5632	5780651.445	52.17282672	2.089635126	52° 10.369603' N	2° 5.378108' E	52° 10' 22.1762" N	2° 5' 28.6865" E
22	434091.5616	5779177.914	52.15915627	2.036511187	52° 9.549376' N	2° 2.190671' E	52° 9' 32.9626" N	2° 2' 11.4403" E
23	429019.189	5777812.977	52.14625762	1.962658165	52° 8.775457' N	1° 57.759490' E	52° 8' 46.5274" N	1° 57' 45.5694" E
24	429018.0198	5777812.66	52.14625462	1.962641147	52° 8.775277' N	1° 57.758469' E	52° 8' 46.5166" N	1° 57' 45.5081" E
25	425274.9774	5776789.197	52.13656086	1.908174344	52° 8.193652' N	1° 54.490461' E	52° 8' 11.6191" N	1° 54' 29.4276" E
26	423467.557	5776817.386	52.13656685	1.881764717	52° 8.194011' N	1° 52.905883' E	52° 8' 11.6406" N	1° 52' 54.3530" E
27	423394.634	5776809.555	52.13648634	1.880701205	52° 8.189180' N	1° 52.842072' E	52° 8' 11.3508" N	1° 52' 50.5243" E
28	423352.5674	5776796.398	52.13636224	1.880089653	52° 8.181734' N	1° 52.805379' E	52° 8' 10.9041" N	1° 52' 48.3228" E
29	414313.9358	5770973.819	52.08269733	1.749521939	52° 4.961840' N	1° 44.971316' E	52° 4' 57.7104" N	1° 44' 58.2790" E
30	404600.2939	5767409.153	52.04906865	1.608802888	52° 2.944119' N	1° 36.528173' E	52° 2' 56.6471" N	1° 36' 31.6904" E
31	404575.8718	5767396.124	52.04894734	1.608450497	52° 2.936840' N	1° 36.507030' E	52° 2' 56.2104" N	1° 36' 30.4218" E
32	404541.7479	5767372.502	52.04872914	1.607959633	52° 2.923749' N	1° 36.477578' E	52° 2' 55.4249" N	1° 36' 28.6547" E
33	403005.8523	5766143.783	52.03741858	1.585918068	52° 2.245115' N	1° 35.155084' E	52° 2' 14.7069" N	1° 35' 9.3050" E
34	403000.718	5766139.484	52.03737904	1.585844458	52° 2.242742' N	1° 35.150668' E	52° 2' 14.5645" N	1° 35' 9.0401" E
35	400580.4406	5763371.18	52.01206872	1.551375475	52° 0.724123' N	1° 33.082528' E	52° 0' 43.4474" N	1° 33' 4.9517" E
36	400571.0743	5763359.899	52.01196565	1.551242322	52° 0.717939' N	1° 33.074539' E	52° 0' 43.0764" N	1° 33' 4.4724" E
37	400562.2705	5763348.175	52.0118587	1.551117493	52° 0.711522' N	1° 33.067050' E	52° 0' 42.6913" N	1° 33' 4.0230" E
38	400554.0503	5763336.034	52.0117481	1.551001285	52° 0.704886' N	1° 33.060077' E	52° 0' 42.2932" N	1° 33' 3.6046" E
39	400546.4332	5763323.506	52.01163413	1.550893975	52° 0.698048' N	1° 33.053639' E	52° 0' 41.8829" N	1° 33' 3.2183" E
40	400539.4375	5763310.621	52.01151707	1.55079582	52° 0.691024' N	1° 33.047749' E	52° 0' 41.4614" N	1° 33' 2.8650" E
41	400533.0799	5763297.409	52.01139718	1.550707055	52° 0.683831' N	1° 33.042423' E	52° 0' 41.0298" N	1° 33' 2.5454" E
42	400527.3755	5763283.902	52.01127476	1.550627891	52° 0.676485' N	1° 33.037673' E	52° 0' 40.5891" N	1° 33' 2.2604" E
43	400522.3381	5763270.133	52.01115009	1.550558518	52° 0.669006' N	1° 33.033511' E	52° 0' 40.1403" N	1° 33' 2.0107" E
44	400517.9796	5763256.134	52.01102349	1.5504991	52° 0.661409' N	1° 33.029946' E	52° 0' 39.6846" N	1° 33' 1.7968" E
45	399536.5197	5759809.012	51.97986386	1.53721404	51° 58.791831' N	1° 32.232842' E	51° 58' 47.5099" N	1° 32' 13.9705" E
46	396760.5594	5757675.156	51.9601761	1.49745155	51° 57.610566' N	1° 29.847093' E	51° 57' 36.6340" N	1° 29' 50.8256" E
47	393110.5438	5758215.86	51.96434608	1.444181694	51° 57.860765' N	1° 26.650902' E	51° 57' 51.6459" N	1° 26' 39.0541" E
48	393095.1071	5758215.362	51.96433864	1.443957251	51° 57.860318' N	1° 26.637435' E	51° 57' 51.6191" N	1° 26' 38.2461" E
49	393079.7165	5758214.071	51.96432407	1.443733726	51° 57.859444' N	1° 26.624024' E	51° 57' 51.5667" N	1° 26' 37.4414" E
50	393064.4127	5758211.988	51.96430241	1.443511711	51° 57.858145' N	1° 26.610703' E	51° 57' 51.4887" N	1° 26' 36.6422" E
51	393034.2279	5758205.477	51.96423808	1.443074563	51° 57.854285' N	1° 26.584474' E	51° 57' 51.2571" N	1° 26' 35.0684" E
52	393019.4269	5758201.064	51.96419558	1.44286059	51° 57.851735' N	1° 26.571635' E	51° 57' 51.1041" N	1° 26' 34.2981" E
53	391701.7205	5762136.459	51.99931011	1.422446415	51° 59.958607' N	1° 25.346785' E	51° 59' 57.5164" N	1° 25' 20.8071" E
54	391701.7146	5762136.465	51.99931016	1.422446327	51° 59.958610' N	1° 25.346780' E	51° 59' 57.5166" N	1° 25' 20.8068" E
55	391701.6937	5762136.486	51.99931035	1.422446016	51° 59.958621' N	1° 25.346761' E	51° 59' 57.5173" N	1° 25' 20.8057" E

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56	391703.153	5762137.627	51.99932089	1.422466904	51° 59.959253' N	1° 25.348014' E	51° 59' 57.5552" N	1° 25' 20.8809" E
57	391708.2934	5762141.643	51.99935798	1.422540484	51° 59.961479' N	1° 25.352429' E	51° 59' 57.6887" N	1° 25' 21.1457" E
58	391822.5944	5762229.574	52.00017056	1.424177042	52° 0.010233' N	1° 25.450623' E	52° 0' 0.6140" N	1° 25' 27.0374" E
59	391830.5	5762236.123	52.00023095	1.424290089	52° 0.013857' N	1° 25.457405' E	52° 0' 0.8314" N	1° 25' 27.4443" E
60	403659.2894	5769187.719	52.06489193	1.594583168	52° 3.893516' N	1° 35.674990' E	52° 3' 53.6109" N	1° 35' 40.4994" E
61	409754.6444	5772508.837	52.09577026	1.682597147	52° 5.746216' N	1° 40.955829' E	52° 5' 44.7729" N	1° 40' 57.3497" E
62	416350.5935	5776043.582	52.12857968	1.777991795	52° 7.714781' N	1° 46.679508' E	52° 7' 42.8868" N	1° 46' 40.7705" E
63	419313.6472	5777553.655	52.14259403	1.820909655	52° 8.555642' N	1° 49.254579' E	52° 8' 33.3385" N	1° 49' 15.2748" E
64	423716.3809	5779471.398	52.16045824	1.884803672	52° 9.627494' N	1° 53.088220' E	52° 9' 37.6497" N	1° 53' 5.2932" E
65	428314.1097	5779501.501	52.16134506	1.951999312	52° 9.680704' N	1° 57.119959' E	52° 9' 40.8422" N	1° 57' 7.1975" E
66	434210.6675	5782067.505	52.18514623	2.037691735	52° 11.108774' N	2° 2.261504' E	52° 11' 6.5264" N	2° 2' 15.6902" E
67	443131.8528	5784463.961	52.20768171	2.167764603	52° 12.460903' N	2° 10.065876' E	52° 12' 27.6542" N	2° 10' 3.9526" E
68	444383.1416	5784301.162	52.2063459	2.186101274	52° 12.380754' N	2° 11.166076' E	52° 12' 22.8452" N	2° 11' 9.9646" E
69	449193.8827	5786441.764	52.22605413	2.256173672	52° 13.563248' N	2° 15.370420' E	52° 13' 33.7949" N	2° 15' 22.2252" E
61	409754.6444	5772508.837	52.09577026	1.682597147	52° 5.746216' N	1° 40.955829' E	52° 5' 44.7729" N	1° 40' 57.3497" E
70	451394.6353	5786600.551	52.22768025	2.288368187	52° 13.660815' N	2° 17.302091' E	52° 13' 39.6489" N	2° 17' 18.1255" E
71	456009.2223	5799990.207	52.34844052	2.354177502	52° 20.906431' N	2° 21.250650' E	52° 20' 54.3859" N	2° 21' 15.0390" E
72	462188.7904	5804277.48	52.38744395	2.444410539	52° 23.246637' N	2° 26.664632' E	52° 23' 14.7982" N	2° 26' 39.8779" E
73	464973.4619	5805668.347	52.40013306	2.48518054	52° 24.007984' N	2° 29.110832' E	52° 24' 0.4790" N	2° 29' 6.6499" E
74	470656.6784	5812967.652	52.46608832	2.568068468	52° 27.965299' N	2° 34.084108' E	52° 27' 57.9180" N	2° 34' 5.0465" E
75	482436.0477	5812614.729	52.4634215	2.741475943	52° 27.805290' N	2° 44.488557' E	52° 27' 48.3174" N	2° 44' 29.3134" E
76	482686.8514	5817813.673	52.51016866	2.744897231	52° 30.610119' N	2° 44.693834' E	52° 30' 36.6072" N	2° 44' 41.6300" E
77	482639.6769	5819527.747	52.52557681	2.744112631	52° 31.534609' N	2° 44.646758' E	52° 31' 32.0765" N	2° 44' 38.8055" E
78	482639.6821	5819528.773	52.52558604	2.744112654	52° 31.535162' N	2° 44.646759' E	52° 31' 32.1097" N	2° 44' 38.8056" E
79	482759.451	5844704.695	52.75191866	2.744563059	52° 45.115119' N	2° 44.673784' E	52° 45' 6.9072" N	2° 44' 40.4270" E
80	483759.9841	5844814.386	52.75293574	2.759381434	52° 45.176145' N	2° 45.562886' E	52° 45' 10.5687" N	2° 45' 33.7732" E
81	502545.6565	5846873.907	52.77168843	3.03773364	52° 46.301306' N	3° 2.264018' E	52° 46' 18.0784" N	3° 2' 15.8411" E
82	487052.295	5817287.862	52.50556272	2.809240423	52° 30.333763' N	2° 48.554425' E	52° 30' 20.0258" N	2° 48' 33.2655" E
83	455909.1993	5794986.568	52.30345034	2.353365345	52° 18.207020' N	2° 21.201921' E	52° 18' 12.4212" N	2° 21' 12.1152" E
84	453948.4598	5786784.812	52.22955625	2.325730788	52° 13.773375' N	2° 19.543847' E	52° 13' 46.4025" N	2° 19' 32.6308" E
85	458410.9121	5787118.916	52.232915	2.391023011	52° 13.974900' N	2° 23.461381' E	52° 13' 58.4940" N	2° 23' 27.6828" E
86	460651.1175	5787118.916	52.23307967	2.423823842	52° 13.984780' N	2° 25.429430' E	52° 13' 59.0868" N	2° 25' 25.7658" E
87	461384.5215	5796129.308	52.31413591	2.433530619	52° 18.848155' N	2° 26.011837' E	52° 18' 50.8893" N	2° 26' 0.7102" E
88	463201.0375	5796711.318	52.319493	2.460113	52° 19.169580' N	2° 27.606780' E	52° 19' 10.1748" N	2° 27' 36.4068" E
89	465544.4394	5800614.772	52.35473752	2.494091857	52° 21.284251' N	2° 29.645511' E	52° 21' 17.0551" N	2° 29' 38.7307" E
90	465577.4505	5800621.633	52.35480128	2.494575832	52° 21.288077' N	2° 29.674550' E	52° 21' 17.2846" N	2° 29' 40.4730" E
91	470750.5597	5800828.245	52.35695919	2.570511748	52° 21.417551' N	2° 34.230705' E	52° 21' 25.0531" N	2° 34' 13.8423" E





Ref ID	WGS 84 / UTM Zone 31N		World Geodetic System (WGS84)					
	(Metres)		(Decimal Degrees)		(Degrees Decimal Minutes)		(Degrees Minutes Seconds)	
	Eastings (m)	Northings (m)	Latitude (DD)	Longitude (DD)	Latitude (DDM)	Longitude (DDM)	Latitude (DMS)	Longitude (DMS)
92	470696.4948	5809214.757	52.43235188	2.568984009	52° 25.941113' N	2° 34.139041' E	52° 25' 56.4668" N	2° 34' 8.3424" E
93	465763.1627	5804393.054	52.38871814	2.496917442	52° 23.323088' N	2° 29.815047' E	52° 23' 19.3853" N	2° 29' 48.9028" E
94	462955.3683	5802983.667	52.37586502	2.455816926	52° 22.551901' N	2° 27.349016' E	52° 22' 33.1141" N	2° 27' 20.9409" E
95	457219.2552	5799004.056	52.33967087	2.372066265	52° 20.380252' N	2° 22.323976' E	52° 20' 22.8151" N	2° 22' 19.4386" E
96	455881.0494	5795089.32	52.30437181	2.352939062	52° 18.262308' N	2° 21.176344' E	52° 18' 15.7385" N	2° 21' 10.5806" E
97	455909.1993	5794986.568	52.30345034	2.353365345	52° 18.207020' N	2° 21.201921' E	52° 18' 12.4212" N	2° 21' 12.1152" E

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## 3. Offshore Survey

### 3.1 Offshore Geophysical Pre-construction Survey – EA3 – OWF & ECC

#### 3.1.1 Mainport Geo

Geophysical operations at the EA3 site are expected to be carried out from the Mainport Geo from the **15th July 2022** for approximately three months however this survey may be carried out earlier than the date mentioned above. Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.

**As the Mainport Geo will be surveying prescribed survey lines, the vessel will require large turning circles therefore it is requested that all vessels operating within this area keep their distance, maintaining at least the 2000 m exclusion including in the survey area buffer (coordinates above), and pass at minimum speed to reduce vessel wash.**

Survey operations will be conducted on a 24 hour basis.

#### 3.1.2 Fugro Mercator

Geophysical operations at the EA3 site are expected to be carried out from the Fugro Mercator from the **8th August 2022** for approximately two months however this survey may be carried out earlier than the date mentioned above. Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.

**As the Fugro Mercator will be towing survey equipment the vessel will require large turning circles therefore it is requested that all vessels operating within this area keep their distance, maintaining at least the 2,000 m exclusion including in the survey area buffer (coordinates above), and pass at minimum speed to reduce vessel wash.**

Survey operations will be conducted on a 24 hour basis.

#### 3.1.3 Valkyrie

Valkyrie operations at the EA3 site are complete and the vessel is no longer on site.

#### 3.1.4 Geo Ranger

Geophysical operations at the EA3 site are expected to be carried out from the Geo Ranger from the **11th October 2022** for approximately one month however this survey may be carried out earlier than the date mentioned above. Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.

**As the Geo Ranger will be towing survey equipment the vessel will require large turning circles therefore it is requested that all vessels operating within this area keep their distance, maintaining at least the 2,000 m exclusion including in the survey area buffer (coordinates above), and pass at minimum speed to reduce vessel wash.**

Survey operations will be conducted on a 24 hour basis.

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## 4. Immediate Contacts

The contents of this notice are based upon our current pre-construction UXO programme and upon Fugro's planning at the time of submission. It should be noted that Fugro will endeavour to update this notice as required.

Enquiries regarding the contents of this Notice to Mariners, or any other matters, should be directed to Fugro (survey contractor):

For any fisheries related matters, please contact the projects Fisheries Liaison Officer (Brown and May Marine Ltd), using the contact details provided below.

**Christian Lynch – Project Manager**

Tel: +44 (0) 7833 772 131 (mob), Email: [c.lynch@fugro.com](mailto:c.lynch@fugro.com)

**Peter Falkner – Vessel Manager (Mainport Geo)**

Tel: +44 (0) 7342 085 066 (mob), Email: [p.falkner@fugro.com](mailto:p.falkner@fugro.com)

**Craig Barrett – Vessel Manager (Fugro Mercator)**

Tel: +44 (0) 2392 205 558 (DiD), Email: [c.barrett@fugro.com](mailto:c.barrett@fugro.com)

**Andrew Eastmond – Vessel Manager (Valkyrie)**

Tel: + 44 (0) 7825 054 937 (mob), Email: [a.eastmond@fugro.com](mailto:a.eastmond@fugro.com)

**Guy Jamieson – Vessel Manager (Geo Ranger)**

Tel: + 44 (0) 7771 908 323 (mob), Email: [g.jamieson@fugro.com](mailto:g.jamieson@fugro.com)

For enquiries related to Fishing, please contact the dedicated Fisheries Liaison Officer:

**Jonathan – Fisheries Liaison Officer (FLO) [Primary contact]**

Tel: +44 (0) 7850 604851 (mob), Email: [jonathan@brownmay.com](mailto:jonathan@brownmay.com)

## 5. Survey Vessels

EA3 Export Cable Corridor and Offshore Wind Farm geophysical operations will be conducted by the survey vessels Mainport Geo, Fugro Mercator and Valkyrie.

Additional Vessels may mobilise to site at a later stage and this notice will be updated

Table 5.1: Mainport Geo


	General Information	
	Name	Mainport Geo
	Flag	Marshall Is (MH)
	Call Sign	V7A4270
	Class	Generic (Other)
	Dimensions	
	Length	50m
	Beam	13.5m
	Draught (loaded)	4.5m
	Gross Tonnage	1,240
	Communication	
	Bridge	+353 21 202 8177
	Captain	+353 21 202 8177
	Email:	pc.mpgeo@fugro.com

Table 5.2: Fugro Mercator


	General Information	
	Name	Fugro Mercator
	Flag	Bahamas (BS)
	Call Sign	C6DU5
	Class	Research/Survey Vessel
	Dimensions	
	Length	42.3 m
	Beam	10.2 m
	Draught (loaded)	1.5 m
	Gross Tonnage	360
	Communication	
	Master	+47 2240 8846
	Bridge	+31 615 420 673
	Email:	Mercator.bridge@fugro.com

Table 5.3: Valkyrie


	General Information	
	Name	Valkyrie
	Flag	UK
	Call Sign	2BWA9
	Class / License	MCA CAT 2
	Dimensions	
	Length	12.0 m
	Beam	4.88 m
	Draught (loaded)	1.07 m
	Gross Tonnage	19
	Communication	
	Master	Nick Praed / Giles Simmons
	Bridge	Nick Praed +44 7980 971 245 Giles Simmons +44 7557 607 751
	Email:	Master.valkyrie@fugro.com

Table 5.4: Geo Ranger

	General Information	
	Name	Geo Ranger
	Flag	Netherlands
	Call Sign	PHHV
	Class / License	Research/Survey Vessel
	Dimensions	
	Length	41 m
	Beam	8 m
	Draught (loaded)	2.3 m
	Gross Tonnage	498
	Communication	
	Master	+31 625 261 499
	Bridge	+31 316 728 130
	Email:	georanger@geoplus.nl

## 6. Distribution List

	E-mail
	<a href="mailto:renewables@hmcg.gov.uk">renewables@hmcg.gov.uk</a> ;
	<a href="mailto:sdr@ukho.gov.uk">sdr@ukho.gov.uk</a> ;
	<a href="mailto:offshore.energy@ukho.gov.uk">offshore.energy@ukho.gov.uk</a> ;
	<a href="mailto:navigationsafety@mcga.gov.uk">navigationsafety@mcga.gov.uk</a> ;
	<a href="mailto:navigation.directorate@thls.org">navigation.directorate@thls.org</a> ;
	<a href="mailto:lowestoft@marinemanagement.org.uk">lowestoft@marinemanagement.org.uk</a> ;
	<a href="mailto:kingfisher@seafish.co.uk">kingfisher@seafish.co.uk</a> ;
	<a href="mailto:zone10@hmcg.gov.uk">zone10@hmcg.gov.uk</a> ;
	<a href="mailto:NavWarnings@UKHO.gov.uk">NavWarnings@UKHO.gov.uk</a> ;
	<a href="mailto:nmoccontroller@hmcg.gov.uk">nmoccontroller@hmcg.gov.uk</a> ;
	<a href="mailto:marine@scottishpower.com">marine@scottishpower.com</a> ;
	<a href="mailto:jonathan@brownmay.com">jonathan@brownmay.com</a> ;
	<a href="mailto:freya@brownmay.com">freya@brownmay.com</a> ;
	<a href="mailto:robert@gobeconsultants.com">robert@gobeconsultants.com</a> ;
	<a href="mailto:a.lowther@scottishpower.com">a.lowther@scottishpower.com</a> ;
	<a href="mailto:tdimitriadis@scottishpower.com">tdimitriadis@scottishpower.com</a> ;
	<a href="mailto:akirkland@scottishpower.com">akirkland@scottishpower.com</a> ;
	<a href="mailto:amilligan@scottishpower.com">amilligan@scottishpower.com</a> ;
	<a href="mailto:f.murdoch@scottishpower.com">f.murdoch@scottishpower.com</a> ;
	<a href="mailto:aschmidt-hansen@scottishpower.com">aschmidt-hansen@scottishpower.com</a> ;
	<a href="mailto:rhunter@scottishpower.com">rhunter@scottishpower.com</a> ;
	<a href="mailto:erees@scottishpower.com">erees@scottishpower.com</a> ;
	<a href="mailto:gkent@scottishpower.com">gkent@scottishpower.com</a> ;
	<a href="mailto:mwooltorton@scottishpower.com">mwooltorton@scottishpower.com</a> ;
	<a href="mailto:PhillipsV@rpsgroup.com">PhillipsV@rpsgroup.com</a> ;
	<a href="mailto:rstocks@scottishpower.com">rstocks@scottishpower.com</a> ;
	<a href="mailto:jyoung@ScottishPower.com">jyoung@ScottishPower.com</a> ;
	<a href="mailto:wkane@scottishpower.com">wkane@scottishpower.com</a> ;
	<a href="mailto:s.castello@scottishpower.com">s.castello@scottishpower.com</a> ;
	<a href="mailto:robert.alexander@scottishpower.com">robert.alexander@scottishpower.com</a> ;