



Notice to Mariners - Offshore

Fugro Searcher

F199550-NtM-EA3-VI1-Offshore 01 | 27 June 2023

For Issue

Scottish Power Renewables



Document Control

Document Information

Project Title	Fugro Searcher
Document Title	Notice to Mariners - Offshore
Fugro Project No.	F199550
Fugro Document No.	F199550-NtM-EA3-VI1-Offshore
Issue Number	01
Issue Status	For Issue
Fugro Legal Entity	Fugro GB Marine Limited
Issuing Office Address	Victory House, 16 Trafalgar Wharf, Hamilton Road, Portchester, Hampshire, PO6 4PX, United Kingdom

Client Information

Client	Scottish Power Renewables
Client Address	3rd Floor, 1 Tudor Street, London EC4Y 0AH
Client Contact	Alex Lowther
Client Document No.	F199550-NtM-EA3-VI1-Offshore

Document History

Issue	Date	Status	Comments on Content	Prepared By	Checked By	Approved By
01	21 June 2022	Draft	Draft for client input	AE	AM	

Project Team

Initials	Name	Role
AE	Andrew Eastmond	Project Manager
AM	Ali Macaskill	Vessel Project Manager
GP	Gertjan Paff	Project Director



Contents

1.	Introduction	1
2.	Area of Operations	2
2.1	EA3 – OWF	2
3.	Offshore Survey	3
3.1	Offshore Geophysical Variation to RPL Survey – EA3 – OWF	3
3.1.1	Fugro Searcher	3
4.	Immediate Contacts	4
5.	Survey Vessels	5
6.	Distribution List	6

Figures in the Main Text

Figure 1.1: Project location	1
------------------------------	---

Tables in the Main Text

Table 2.1: East Anglia Three Windfarm Boundary Perimeter Coordinates	2
Table 5.1: Fugro Searcher	5

Abbreviations

ECC	Export cable corridor
OWF	Offshore wind farm
UXO	Unexploded ordnance
WGS	World geodetic system

1. Introduction

Scottish Power Renewables (SPR) has contracted Fugro GM Marine Limited (Fugro) to carry out a Variation to previous UXO surveys conducted on their site located east of Lowestoft, United Kingdom, in the southern North Sea and covers an area of approximately 5,900 km² 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 2023, Fugro will be operating in the EA3 array only with operations commencing on approximately 6th July 2023.

This Notice to Mariners will be updated and reissued if required. For operations in 2023, current planning indicates a total of one vessel being on the EA3 site between the period 6th July and 20th August 2023. It should be noted these dates are subject to change.

Fugro will distribute updated revisions of this notice as early as possible after any updates are made. The details of the vessel survey and the 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.

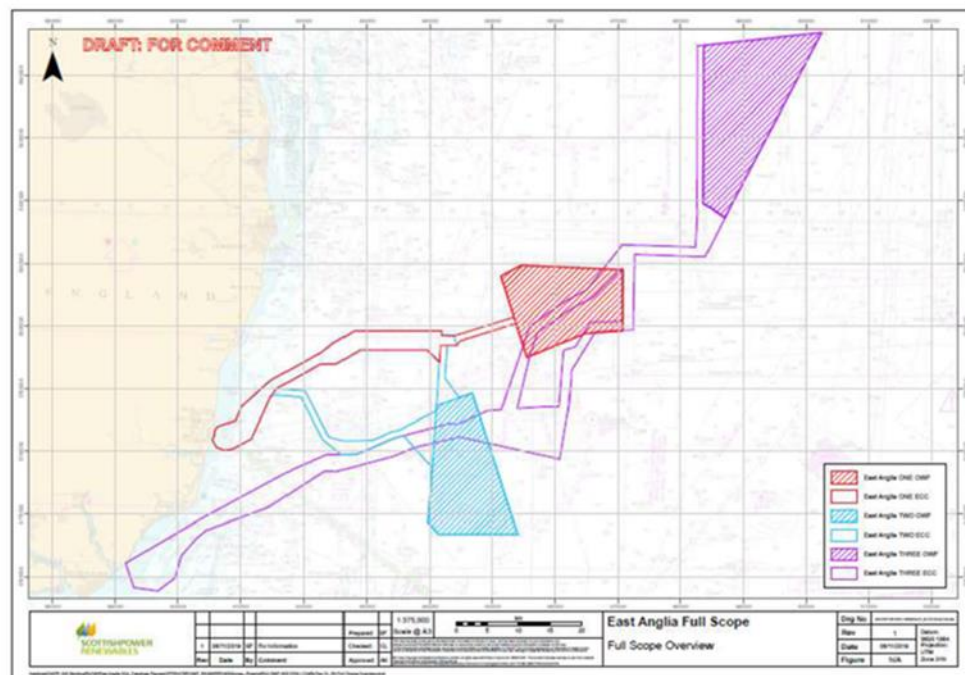


Figure 1.1: Project location

2. Area of Operations

The drawing in Figure 1.1 indicates the area within which the survey will be carried out in shaded magenta. 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

3. Offshore Survey

3.1 Offshore Geophysical Variation to RPL Survey – EA3 – OWF

3.1.1 Fugro Searcher

Geophysical operations at the EA3 site are expected to be carried out from the Fugro Searcher from the **6th July 2023** until approximately **20th August 2023**. Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.

As the Fugro Searcher 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 around the vessel.

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.

Andrew Eastmond – Overall Fugro Project Manager

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

Ali Macaskill – Vessel Manager (Fugro Searcher)

Tel: + 44 (0) 7979 166158 (mob), Email: a.macaskill@fugro.com

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

Brown and May Marine Limited - Fisheries Liaison Officer (FLO) [Primary contact]

Jonathan Keer:

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

Freya Sandison:


Tel: +44 (0) 7857 500609 (mob), Email: freya@brownmay.com

5. Survey Vessels

EA3 Offshore Wind Farm geophysical operations will be conducted by the following vessel:

- Fugro Searcher (mobilising as of 6th July 2023)

Table 5.1: Fugro Searcher

	General Information	
	Name	Fugro Searcher
	Flag	Nassau/Bahamas
	Call Sign	C6EI5
	Class / License	Research/Survey Vessel
	Dimensions	
	Length	65.2 m
	Beam	14.0 m
	Draught (loaded)	5.3 m
	Gross Tonnage	1940
	Communication	
	Master	+44 1224 051 613
	Bridge	+44 1224 051 616
	Email:	captain@sea.fugro.com

6. Distribution List

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