



Notice to Mariners

Number: 29
Year: 2021
Issued: 01 October 2021
In force: **2017:** 02, **2020:** 30, **2021:** 06,14,26,27,28,29

Mariners are advised that a Five Estuaries Notice to Mariners is re produced below.

For further information please see Immediate Contacts in section 6.

Vendor Coversheet

Project Name:	Five Estuaries Offshore Wind Farm Project	Package No:	FES02
----------------------	---	--------------------	-------

Document Title:	Fugro – Notice to Mariners		
Classification:	Confidential		

Vendor Doc. No:	004032841-03	Vendor Revision:	03
Date:	14 July 2021	Pages:	31

Employers Doc. No:	004032841-03	Employer Revision:	03
Document Status:	For Distribution		

Registered office:
Five Estuaries Offshore Wind Farm Ltd
innogy Renewables UK Ltd
Windmill Hill Business Park
Whitehill Way, Swindon, SN5 6PB



Fugro – Notice to Mariners

Five Estuaries Offshore Wind Farm

3 | 23 September 2021

For Distribution

Five Estuaries Offshore Wind Farm Limited



Document Control

Document Information

Project Title	Five Estuaries Offshore Site Investigation
Document Title	Fugro – Notice to Mariners
Fugro Project No.	210512
Fugro Document No.	004032841
Issue Number	03
Issue Status	For Review

Client Information

Client	Five Estuaries Offshore Wind Farm Limited
Client Address	Trigonos, Windmill Hill Business Park, Swindon, SN5 6PB
Client Contact	Mark Osola
Client Document No.	004032841-03

Revision History

Issue	Date	Status	Comments on Content	Prepared By	Checked By	Approved By
01	01 July 21	For Review	Awaiting client comments	SL	DF	SL
02	14 July 21	For Distribution	Comments addressed	SL	DF	SL
03	23 Sept 21	For Distribution	Comments addressed	DF	GJ	DF

Contents

1.	Introduction	2
2.	Area of Operations	3
3.	Fugro Mercator - Offshore Geophysical Investigation	4
4.	Curtis Marshall - Environmental Investigation	5
5.	Fugro Seeker - Nearshore Geophysical Investigation	6
6.	Immediate Contacts	7
7.	Distribution List	8
7.1	Maritime Notification and Authorities	8
7.2	Fishing Industry	9
7.3	Port Authorities	9
7.4	Client Group	9
7.5	Contractor Group	10
7.6	Other Sea Users	10

Figures in the Main Text

Figure 1: Project Location	2
----------------------------	---

Tables in the Main Text

Table 1: Survey Area Buffer Zone Coordinates	3
Table 2: Fugro Mercator	4
Table 3: Curtis Marshall	5
Table 4: Fugro Seeker	6
Table 5: Maritime and Authorities	8
Table 6: Fishing Industry	9
Table 7: Port Authorities	9
Table 8: Client Group	9
Table 9: Contractor Group	10
Table 10: Other Sea Users	10

1. Introduction

Five Estuaries Offshore Wind Farm Limited has contracted Fugro GB Marine Limited (Fugro) to carry out a geophysical and environmental site investigation in the North Sea for the proposed Five Estuaries Offshore Wind Farm (FEOW) site.

The Five Estuaries Offshore Wind Farm site is located to the east of Felixstowe and bordering the Greater Gabbard and Galloper existing wind farms. Geophysical operations are expected to continue in this area up to the end of November 2021.

It is requested that anybody having knowledge of any potential objects submerged or moored on the seabed within the works area that could be damaged by, or form a hazard to, the vessel and its equipment advises the Project's Fishing Liaison Officer of their position and nature. The Project has also requested the clearance of static fishing gear within the boundary shown in Figure 1 of this Notice.

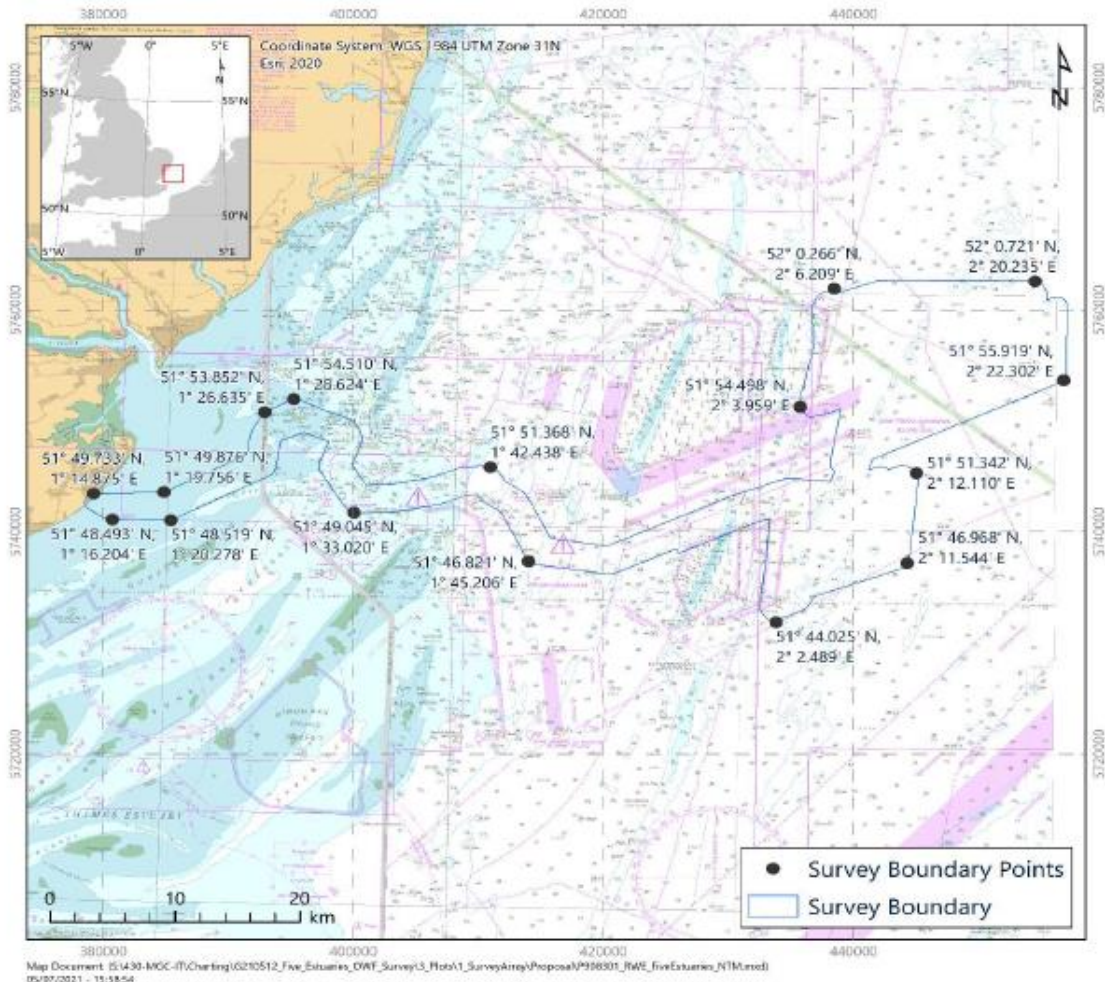


Figure 1: Project Location

2. Area of Operations

The coordinates of the survey area, including buffers, are also provided below.

Table 1: Survey Area Buffer Zone Coordinates

Label	Lat_DDM	Long_DDM	Easting	Northing
1	51° 49.733' N	1° 14.875' E	379265.3	5743457.6
2	51° 49.876' N	1° 19.756' E	384876.1	5743591.5
3	51° 53.852' N	1° 26.635' E	392933.1	5750785.2
4	51° 54.510' N	1° 28.624' E	395239.4	5751956.6
5	51° 51.368' N	1° 42.438' E	410972.6	5745826.1
6	51° 54.498' N	2° 3.959' E	435748.6	5751251.3
7	52° 0.266' N	2° 6.209' E	438460.0	5761909.9
8	52° 0.721' N	2° 20.235' E	454513.8	5762582.0
9	51° 55.919' N	2° 22.302' E	456801.3	5753660.5
10	51° 51.342' N	2° 12.110' E	445029.5	5745289.1
11	51° 46.968' N	2° 11.544' E	444290.5	5737189.0
12	51° 44.025' N	2° 2.489' E	433808.3	5731860.6
13	51° 46.821' N	1° 45.206' E	414006.0	5737343.6
14	51° 49.045' N	1° 33.020' E	400077.7	5741724.3
15	51° 48.519' N	1° 20.278' E	385418.6	5741061.4
16	51° 48.493' N	1° 16.204' E	380736.9	5741122.2

3. Fugro Mercator - Offshore Geophysical Investigation

The geophysical operations at the Five Estuaries site are expected to be carried out from the Fugro Mercator from 5th August 2021 until 30th November 2021.

Fugro Mercator will be conducting operations across the Main Array and Export Cable Route areas >10m LAT.

Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.

Important Information

As the Fugro Mercator will be towing survey equipment the vessel will require large turning circles and will be restricted in her ability to manoeuvre. All vessels operating within this area are requested to keep their distance, maintaining at least the 500m safety zone around the survey vessel, and pass at minimum speed to reduce vessel wash.

A continuous listening watch will be conducted on VHF Channel 16.

Survey operations will be conducted on a 24-hour basis.

Table 2: Fugro Mercator

	General Information	
	Name	Mercator
	Flag	Bahamas
	MMSI	311000786
	IMO	9299977
	Call Sign	C6DU5
	Class	BV + 100 A5 K MC AUT
	Dimensions	
	Length	42.35m
	Beam	10.34m
	Draught (loaded)	1.4m
	Gross Tonnage	360
	Communication (VHF Channel 16)	
	Master	+31 615 42 06 73
	Vessel Sat Phone	+47 2240 8646
Email:	bridge@mca.fugro.com	

Sam Litchfield – Vessel Project Manager (Fugro Mercator)

Mob: +44 (0) 7748 988 393, **Email:** s.litchfield@fugro.com

4. Curtis Marshall - Environmental Investigation

The environmental operations at the Five Estuaries site are expected to be carried out from the Curtis Marshall from 2nd November 2021 for approximately 2 weeks. Curtis Marshall will be conducting operations across the Main Array and Export Cable Route areas both offshore and nearshore.

Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.

Important Information

As the Curtis Marshall will be deploying equipment astern of the vessel, the vessel will require large turning circles and will be restricted in her ability to manoeuvre. All vessels operating within this area are requested to keep their distance, maintaining at least the 500m safety zone around the survey vessel, and pass at minimum speed to reduce vessel wash.

A continuous listening watch will be conducted on VHF Channel 16.

Survey operations will be conducted on a 24-hour basis.

Table 3: Curtis Marshall

	General Information	
	Name	Curtis Marshall
	MMSI	235107219
	Call Sign	2HWN3
	Type	Catapult 396
	Dimensions	
	Length	27m
	Beam	8m
	Draught (loaded)	1.65m
	Gross Tonnage	110
	Communication (VHF Channel 16)	
	Contact Number	+44 (0) 7487 737 865

Séamus Whyte - Environmental Package Manager (Curtis Marshall)

Mob: +44 7557 120248, **Email:** sq.whyte@fugro.com

5. Fugro Seeker - Nearshore Geophysical Investigation

The geophysical operations on the Five Estuaries export cable route from the 10m LAT contour inshore to the potential landfall, are expected to be carried out from the survey vessel Fugro Seeker from 1st August 2021 until the 20th October 2021.

Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.


Important Information

As the Fugro Seeker will be towing survey equipment the vessel will require large turning circles and will be restricted in her ability to manoeuvre. All vessels operating within this area are requested to keep their distance, maintaining at least the 500m safety zone around the survey vessel, and pass at minimum speed to reduce vessel wash.

A continuous listening watch will be conducted on VHF Channel 16.

Survey operations will be conducted on a 12-hour basis.

Table 4: Fugro Seeker

	General Information	
	Name	Fugro Seeker
	MMSI	235102539
	Call Sign	2HCS2
	Type	Catapult 396
	Dimensions	
	Length	12.00m
	Beam	4.90m
	Draught (loaded)	1.10m
	Gross Tonnage	19
	Communication (VHF Channel 16)	
	Master	Mark Shelley +44 7766 000 208 Tracy Smith +44 7866 636 211
	Party Chief	Ryan Taylor +44 7788 592 634 Tony Tranah +44 7917 695 644
	Email:	Master.fugroseeker@fugro.com Partychief.fugroseeker@fugro.com

Daniel Ferguson – Vessel Project Manager (Fugro Seeker)

Mob: +44 (0) 7968 845551, **Email:** d.ferguson@fugro.com

6. Immediate Contacts

The contents of this notice are based upon our current site investigation 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):

Sam Litchfield – Project Manager (Fugro)

Mob: +44 (0) 7748 988 393, **Email:** s.litchfield@fugro.com

Guy Jamieson – Project Delivery Manager

Mob: +44 (0) 7771 908 323, **Email:** g.jamieson@fugro.com

For enquiries related to Fishing, please contact the dedicated Fisheries Liaison Officer for the Five Estuaries Offshore Wind Farm:

Freya Sandison & Sophie Farenden - Fisheries Liaison Officers (FLOs) (Brown & May)

Tel: +44 1379 772 871 **Mob:** +44 7587 500 609 **Email:** freya@brownmay.com

Tel: +44 1379 872 149 **Mob:** +44 7525 128 344 **Email:** Sophie.farenden@brownmay.com