



Dublin Array - Notice to Mariners

Dublin Array Offshore Site Investigation | Irish Sea

Fugro – DA Notice to Mariners | 28 January 2021

For Review

RWE Renewables Ireland Limited



Document Control

Document Information

Project Title	Dublin Array Offshore Wind Farm Site Investigation
Document Title	Dublin Array - Notice to Mariners
Fugro Project No.	201006
Fugro Document No.	Fugro – DA Notice to Mariners
Issue Number	01
Issue Status	For Review

Client Information

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Client Document No.	003866726-01

Revision History

Issue	Date	Status	Comments on Content	Prepared By	Checked By	Approved By
01	28 January 2022	For Review	Issued for Review	SL	GJ	RWE

Project Team

Initials	Name	Role
SL	Sam Litchfield	Project Manager
RE	Richard Ellis	Project Director
SL	Sam Litchfield	Package Manager (Fugro Meractor)
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SW	Seamus Whyte	Package Manager (Fastnet Pelican)
DH	Dave Hubble	Package Manager (Spectrum 1)
GJ	Guy Jamieson	Project Delivery Manager
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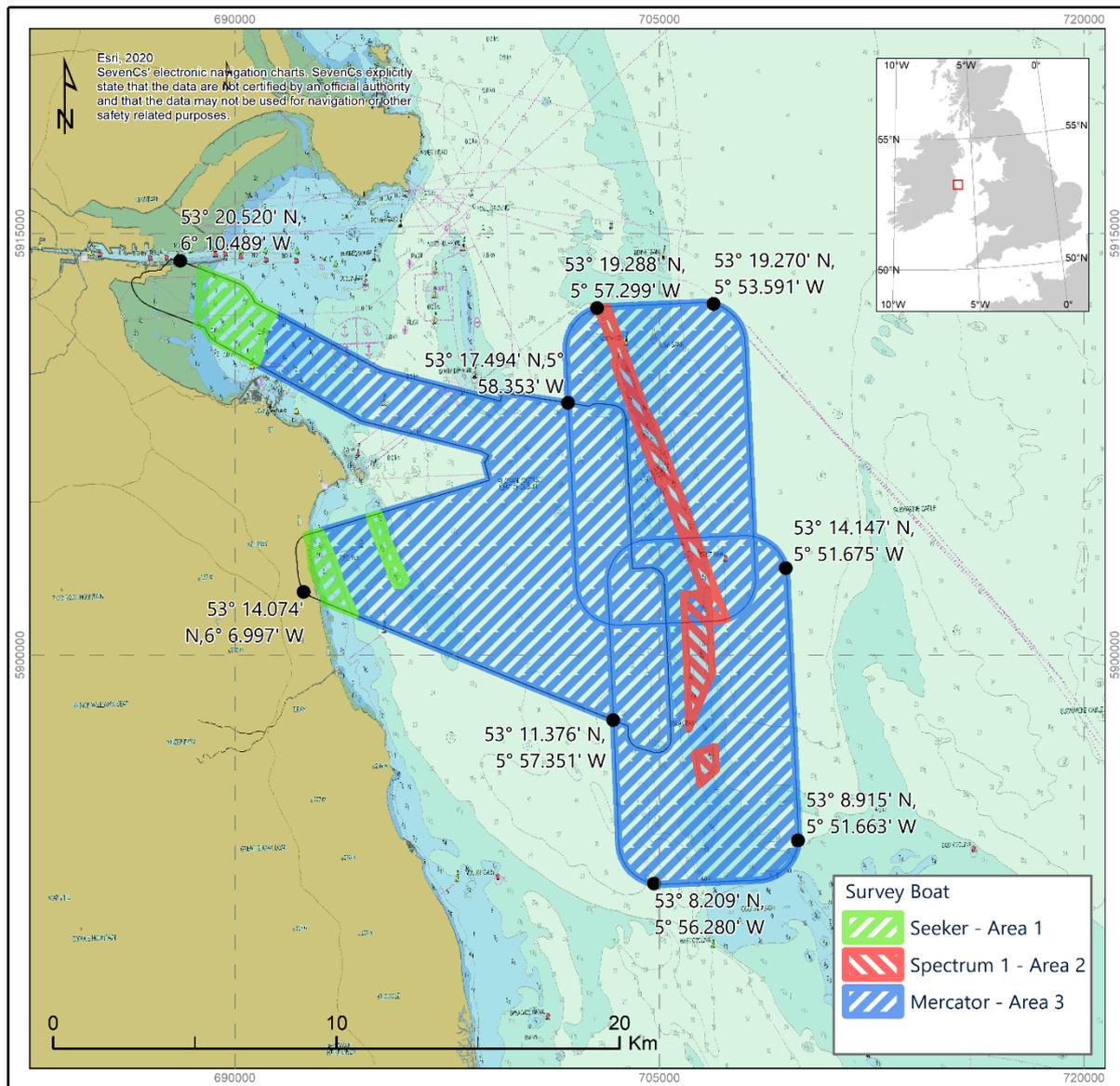
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1. Introduction

The Dublin Array Wind Farm is a project on the Kish and Bray banks, approximately 10 km off the east coast of Ireland, immediately south of Dublin.

The Contractor (Fugro GB Marine Limited) shall undertake geophysical surveys to characterise the Dublin Array offshore array and export cable search area, the latter which provide options for export cables routes to possible landfall options in the area of Shanganah Park and Poolbeg.



Map Document: (S:\430-MGC-IT\Charting\G201006_RWE_DublinArray\3_Plots\1_SurveyArray\201006_RWE_DublinArray_NoticeToMariners.mxd) 26/01/2021 - 12:00:42

Figure 1: Project Location

2. Area of Operations

The coordinates of the survey area, including buffers (turning circles for vessels), are also provided below.

Table 1: Survey Area Buffer Zone Coordinates

Label	Lat_DDM	Long_DDM	Easting	Northing
0	53° 20.520' N	6° 10.489' W	688075.7	5914037.2
1	53° 17.494' N	5° 58.353' W	701775.4	5908982.0
2	53° 19.288' N	5° 57.299' W	702803.9	5912356.2
3	53° 19.270' N	5° 53.591' W	706920.1	5912500.1
4	53° 14.147' N	5° 51.675' W	709463.9	5903097.7
5	53° 8.915' N	5° 51.663' W	709903.0	5893402.9
6	53° 8.209' N	5° 56.280' W	704814.9	5891870.7
7	53° 11.376' N	5° 57.351' W	703371.5	5897688.7
8	53° 14.074' N	6° 6.997' W	692431.6	5902245.9

3. Summary of Operations

The contracted survey is estimated to start operations on 9th February 2021.

The contracted survey is estimated to end operations on 11th May 2021.

A total of 4 vessels will be working on the project between the above dates. Specific details of each vessel operation are provided on the following pages.

4. Fugro Mercator

The Fugro Mercator will undertake geophysical operations at the Dublin Array site in water depths >7 metres between 12th February to the 11th May 2021 (approximately 13 weeks). Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.

Throughout survey operations, the vessel will be displaying the appropriate lights and shapes as required under the COLREGS Rule 27 (b).

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 1,000m safety zone around the survey vessel, and pass at minimum speed to reduce vessel wash.

Survey operations will be conducted on a 24-hour basis in **Area 3 shown in Figure 1**.

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:	Mercator.bridge@fugro.com

Package Manager: Sam Litchfield

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

5. Spectrum 1

The Spectrum 1 will undertake geophysical operations at the Dublin Array site in water depths <7 metres on the Bray and Kish banks between 10th February to the 17th March 2021 (approximately 5 weeks). Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.

Throughout survey operations, the vessel will be displaying the appropriate lights and shapes as required under the COLREGS Rule 27 (b).

As the Spectrum 1 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.

Survey operations will be conducted on a 12-hour basis in **Area 2 shown in Figure 1.**

Table 3: Spectrum 1

	General Information	
	Name	Spectrum 1
	MMSI	235075021
	Call Sign	2CQX3
	Type	Aluminium Catamaran Workboat MCA Code Category 2
	Dimensions	
	Length	16 m
	Beam	7 m
	Draught (loaded)	1.6 m
	Gross Tonnage	35.76
	Communication (VHF Channel 16)	
	Master	Jason Crome (+44 7538 565561)
	Party Chief	Dave Hubble (+44 7538 565561)
	Email:	Spectrum1@spectrum-offshore.com

Package Manager: Dave Hubble

Mob: +44 (0) 7792 688 379, **Email:** dave@spectrum-offshore.com

6. Fugro Seeker

The Fugro Seeker will undertake geophysical operations at the Dublin Array site in the nearshore export route search area in water depths <7 metres between 13th March to the 19th April 2021 (approximately 5-6 weeks). Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.

Throughout survey operations, the vessel will be displaying the appropriate lights and shapes as required under the COLREGS Rule 27 (b).

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.

Survey operations will be conducted on a 12-hour basis in **Area 1 shown in Figure 1**.

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	Will Rand / Mark Shelley +447585 922459 / +447766 000208
	Party Chief	Ryan Taylor / Dan Goodall +447788 592634 / +447961 046376
	Email:	Master.fugroseeker@fugro.com Partychief.fugroseeker@fugro.com

Package Manager: Daniel Ferguson

Mob: +44 (0) 7968 845 551, **Email:** d.ferguson@fugro.com

7. Fastnet Pelican

The Fastnet Pelican will undertake environmental operations on the Dublin Array site from 16th February to the 12th March 2021 (approximately 4 weeks). Please note that the exact start and finish date will be dependent on the prevailing weather conditions and work progress.

Throughout survey operations, the vessel will be displaying the appropriate lights and shapes as required under the COLREGS Rule 27 (b).

As the Fastnet Pelican will be deploying survey equipment from the vessel close to the seabed, the vessel will be required to hold station and conduct some short transect lines and will be therefore 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.

Survey operations will be conducted on a 12-hour basis in **All Areas shown in Figure 1.**

Table 5: Fastnet Pelican

	General Information	
	Name	Fastnet Pelican
	MMSI	235092825
	Call Sign	2FNX7
	Type	Special Service – Fast Crew Boat
	Dimensions	
	Length	18.5 m
	Beam	7.5 m
	Draught (loaded)	1.45 m
	Gross Tonnage	60.64
	Communication (VHF Channel 16)	
	Master	Cathal Blunnie 00353 83 1107613 cathalblunnie@fastnetshipping.com
	Party Chief	Nicky Fortune 00353 83 4750062 nickyfortune@fastnetshipping.com

Package Manager: Seamus Whyte

Mob: +44 (0) 7557 120 248, **Email:** sg.whyte@fugro.com

8. 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

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

Simon Bicknell – Operations Manager

Mob: +44 (0) 7557 585 280, **Email:** s.bicknell@fugro.com

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

Mike Fitzpatrick – Fisheries Liaison Officer (FLO)

Mob: +353 (0) 86 858 4156 (mob)

All mariners are reminded of their responsibilities under the International Collision Regulations and are reminded of Marine Notice No. 17 of 2007, which gives general advice in relation to the activities of vessels engaged in survey work for hydrographic, seismic, fishing research and underwater operations.

The International Regulations for Prevention of Collisions at Sea (COLREGS) are implemented in Irish law by the Merchant Shipping (Collision Regulations) (Ships and Water Craft on the Water) Order 2012 [S.I. No. 50 of 2012], and the Signals of Distress (Ships) Rules 2012 [S.I. No.170 of 2012]. See Marine Notice No. 06 of 2013.

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