

Project Title	Seagreen Wind Energy Ltd
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Seagreen Offshore Wind Farm. Weekly Notice of Operations 29/2024

Issue Date – 15th July 2024.

Notice of Operations on Seagreen Offshore Wind Farm.

Work planned for the period 15-07-24 to 21-07-24.

Construction activities commenced on Seagreen Offshore Wind Farm on Thursday 17th December 2021. The first phase of the project is now fully operational with all 114 Wind Turbine Generators fully commissioned. As such, Operations and Maintenance activities are underway. There are several outstanding construction activities remaining which will be ongoing during 2024. This notice will be updated weekly giving information on all the activities taking place in the windfarm. Should anyone have any questions regarding construction operations we kindly ask that you put them forward well in advance.

The Seagreen Offshore Wind Farm is located in the outer Firth of Forth and Firth of Tay region of the North Sea. The site is situated approximately 17.5 nautical miles East-southeast of the Port of Montrose where the project Marine Coordination Centre is located. The development consists of 114 suction bucket foundation structures, with associated 10MW wind turbine generators, 1 HVAC offshore substation platform, associated inter array and export cabling. The generated power is transmitted to the National

Grid via three subsea transmission cables making landfall at Carnoustie, Angus. Grid connection has been achieved at the Tealing onshore substation.

The Seagreen development site is highlighted below in red, the export cable corridor is highlighted in blue.

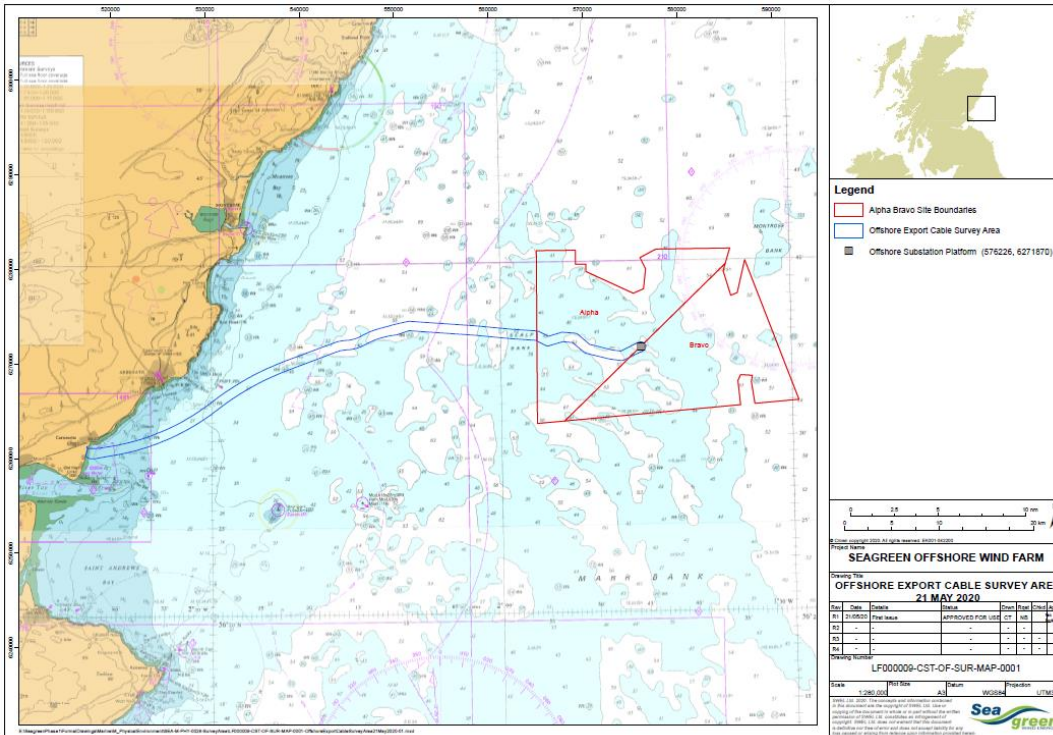


Fig 1 – Seagreen offshore wind farm location and export cable corridor.


1. Contact details for Marine Coordination

The following contact can provide more information if required.

Telephone Number (24/7 Operations)	+44 (0) 1674 689401
Email for Marine Coordinator	seagreenmarinecoordination@sse.com
Address	Seagreen Wind Energy Ltd, O&M Building, Windy Waves House, South Quay Ferryden, Montrose, Angus DD10 9SL


2. Inter Array Cable Rock Placement.


On behalf of Seagreen Wind Energy Ltd, Seaway 7 will conduct rock placement activities on under buried and un-protected inter array cables in the eastern portion of the Seagreen Offshore wind farm. The flexible fall pipe vessel, Nordnes, arrived at the Seagreen site on the 13th of July to commence rock placement operations. The works are to be completed within three weeks.


Vessel – Nordnes	Contact Details	
	Call Sign	PHOG
	MMSI	244962000
	Length	166.0m
	Beam	24m
	Draft	10m

3. Operations & Maintenance activities

Operations and Maintenance activities are underway. The Service Operation Vessels (SOV) Edda Brint & Norside Cetus will provide accommodation with personnel utilising a walk to work gangway system to access the WTG structures for work activities. The CTV MO9 shall support operations.


Vessel – Edda Brint	Contact Details	
	Call Sign	LALG8
	MMSI	257967000
	Length	82.0m
	Beam	18.5m
	Draft	4.9m


Vessel – Norside Cetus	Contact Details	
	Call Sign	C6GP3
	MMSI	311001310
	Length	83.4m
	Beam	18.0m
	Draft	5.7m

Vessel – M09	Contact Details	
	Call Sign	MNXA2
	MMSI	232048583
	Length	26.0m
	Beam	11.0m
	Draft	2.7m
	Vessel Contact	Graeme.watters@sse.com

4. Offshore Substation Platform Works

On behalf of Seagreen Wind Energy Ltd, Petrofac have commenced a programme of works on the Seagreen Offshore Sub-station platform. The Service Operation Vessel (SOV) Ocean Zephyr will provide accommodation with personnel utilising a walk to work gangway system to access the OSP structure. The CTV Windcat 37 shall support operations.

Vessel – Ocean Zephyr	Contact Details	
	Call Sign	OXCV2
	MMSI	219022580
	Length	87.1m
	Beam	17.5m
	Draft	5.4m
	Vessel Contact	Graeme.watters@sse.com

Vessel – Windcat 37	Contact Details	
	Call Sign	2IDS5
	MMSI	235108878
	Length	21m
	Beam	6m
	Draft	2m
	Vessel Contact	Graeme.watters@sse.com


5. Residual Mechanical & Electrical Completions Works


On behalf of Seagreen Wind Energy Ltd, Seaway 7 have recommenced a programme of residual mechanical and electrical completions works. Technicians will be deployed to the wind turbine generator assets from the crew transfer vessel Windcat 101, vessel details below.

Vessel – Windcat 101	Contact Details	
	Call Sign	2ELU3
	MMSI	235086213
	Length	27.86m
	Beam	9.32m
	Draft	1.9m

6. Subsea Asset Survey Operations

Seagreen Wind Energy Ltd. will conduct a subsea asset survey of the Seagreen export cable route and within the Seagreen offshore windfarm site boundary. Survey activity will include the Seagreen export cables, WTG jacket foundation survey, Offshore Sub-station foundation survey and inter array cable burial survey. The survey vessel Glomar Worker will continue survey activity within the site boundary during the coming weeks. Unmanned survey vessels (USV’s) X19 & X29 will arrive at site to assist in survey operations on or around the 16th of July, vessel details below. further information will be promulgated in a Notice to Mariners.

Vessel – Glomar Worker		Contact Details	
	Call Sign	3EKK8	
	MMSI	352110000	
	Vessel Details		
	Length	60.0m	
	Beam	15.0m	
	Vessel Contact	Graeme.watters@sse.com	

Vessel – X-19 & X29		Contact Details	
	Call Sign	TBC	
	MMSI	232023832	
	Vessel Details		
	Length	4.5m	
	Beam	2.2m	
	Vessel Contact	Graeme.watters@sse.com	

Name:	X-19 UNCREWED	X-29 UNCREWED
MMSI:	232039416	232053990
Length:	4.5m	4.5m
Beam:	2.2m	2.2m
Speed:	3.5kts	3.5kts
Draught:	1.5m	1.5m
Tonnage:	750kg	750kg

7. Guard Vessel Deployment.

Seagreen Wind Energy have deployed a site Guard Vessel. Six hourly VHF radio broadcasts shall be made containing information regarding the Seagreen development including installation activity, safety zone information and site demarcation buoyage information. Vessel details below, GV Liberty will relieve Evening star on Monday 15th at Mid-night.

Vessel – GV Evening Star	Contact Details	
	Call Sign	MNEP3
	MMSI	235006716
	Length	18m
	Beam	6m
	Draft	3m

Vessel – GV Liberty BF120	Contact Details	
	Call Sign	MKUX3
	MMSI	235001680
	Length	21m
	Beam	7m
	Draft	3m

8. Offshore Fisheries Liaison Officers.

Offshore Fisheries Liaison Officers (OFLO) are deployed on selected vessels. The principal role of the OFLO is to establish and maintain effective communications with any fishing vessels encountered and to monitor compliance with good practice guidelines whilst doing so. The OFLO will record details of any fishing activity in and around the site including fishing vessels, gear and communications with fishing vessels and will provide regular updates to the Seagreen FLO. Please contact Seagreen Marine Coordination for further information.

9. Safety Zones.

As all the Seagreen Wind Turbine Generators are fully commissioned, mandatory 500m safety zones shall be established around any WTG where major maintenance work is being undertaken, where major maintenance is as per the definition given in the 2007 Regulations. The safety zones will be active whenever a major maintenance vessel is at the WTG during the operational phase. Up to five of these safety zones could be

concurrently active, but no more than four where there is one active 500m safety zone around the Offshore Sub-station Platform.

A mandatory 500m safety zone shall be established around the Offshore Sub-station Platform where major maintenance work is being undertaken, where major maintenance is as per the definition given in the 2007 Regulations. The safety zone will be active whenever a major maintenance vessel is at the OSP during the operational phase.

10. Website

The official website for Seagreen Offshore Wind Farm can be found at

<https://seagreenwindenergy.com>

This contains all Seagreen Weekly Notices of Operations and Notices to Mariners, together with a large amount of general information about the project.





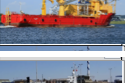



There is also a Twitter feed at [@seagreenwind](#)

11. Distribution List

A central list of recipients is maintained by Seagreen Marine Coordination, if you are not the appropriate recipient or do not wish to receive these notices, please contact Marine Coordination as per the details in section 1 of this notice.

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12. Seagreen weekly vessel report.

Seagreen Offshore Windfarm Vessels & Operators										15.07.24
Reference to Marine Licence Conditions 3.1.2 (OWF Alpha and Bravo ML), 3.1.2 (OTA ML) and 3.1.2 (Open Cut at Landfall)										
Vessel Data Matrix OWF/OTA/Open Cut at Landfall										
№	Vessel Picture	Vessel Name / Flag	Type / Function	Operator	Contact / contact details	Call sign / MMSI / IMO	LOA (m) Beam (m) Draft (m)	Date on Site	Marine Licence(s) applicable	
1		Edda Brint	Service Operations Vessel	Vestas	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	LALG8 257967000	82m x 18m	04.04.24	N/A	
2		Norside Cetus	Service Operations Vessel	Vestas	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	C6GP3 311001310	84m x 18m		N/A	
3		MO9	Crew Transfer vessel	Vestas	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	MNXA2 232048583	26m x 11m	02.12.23	N/A	
4		GV Liberty	Guard Vessel	Seagreen Wind Energy Ltd.	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	MNEP3 235006716	18m x 6m	24.06.24	OWF Alpha & Bravo ML & OTA ML	
5		GV Evening Star	Guard Vessel	Seagreen Wind Energy Ltd.	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	MNEP3 235006716	18m x 6m	24.06.24	OWF Alpha & Bravo ML & OTA ML	
6		Windcat 37	Crew Transfer vessel	Petrofac	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	2IDS5 235108878	21m x 6m	01.06.24	OWF Alpha & Bravo ML & OTA ML	
7		Ocean Zephyr	Service Operations Vessel	Petrofac	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	OXCW2 219022580	87m x 17m	01.06.24	OTA ML	
8		Windcat 101	Crew Transfer vessel	Seaway 7	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	2ELU3 235086213	27.86m x 9.32m	01.07.24	OWF Alpha & Bravo ML & OTA ML	
9		FPPV Nordnes	Flexible Fall Pipe Vessel	Seaway 7	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	PHOG 244962000	166m x 24m	13.07.24	OWF Alpha & Bravo ML & OTA ML	
10		Unmanned Surface Vessel X-19	Unmanned Surface Vessel	Seagreen Wind Energy Ltd.	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	232039416	4.5m x 2.2m	16.07.24	N/A	
11		Unmanned Surface Vessel X-29	Unmanned Surface Vessel	Seagreen Wind Energy Ltd.	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	232053990	4.5m x 2.2m	16.07.24	N/A	
12		Glomar Worker	Survey Vessel	Seagreen Wind Energy Ltd.	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	3EKX8 352110000	60.0m x 15.0m	01.07.24	OWF Alpha & Bravo ML & OTA ML	