

Project Title	Seagreen Wind Energy Ltd
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Seagreen Offshore Wind Farm.

Weekly Notice of Operations 51/2023

Issue Date – 18th of December 2023.

Notice of Operations on Seagreen Offshore Wind Farm.

Work planned for the period 18-12-2023 to 24-12-2023.

Construction activities commenced on Seagreen Offshore Wind Farm on Thursday 17th December 2021. This notice will be updated weekly giving information of the progress and resources involved in the construction of the windfarm. The intention is to give notice of the activities involved in the construction phase of the project. 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 will be located during the construction and operational phases. The first phase of the development will consist of 114 suction bucket foundation structures, with associated 114 10MW offshore wind turbine generators, 1 HVAC offshore substation platform, associated inter array and export cabling. The generated power will be transmitted to the National Grid via 3 subsea transmission cables making landfall at Carnoustie, Angus, to the Southwest of the development site. Grid connection will be achieved at the Tealing onshore substation. The second phase of the project will consist of 36 piled foundation structures, with associated 36 Wind Turbine Generators, associated inter array and export cabling and one additional 1 HVAC offshore substation platform. The phase 2 transmission cable is proposed to make landfall at Cockenzie, East Lothian (subject to appropriate licensing).

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

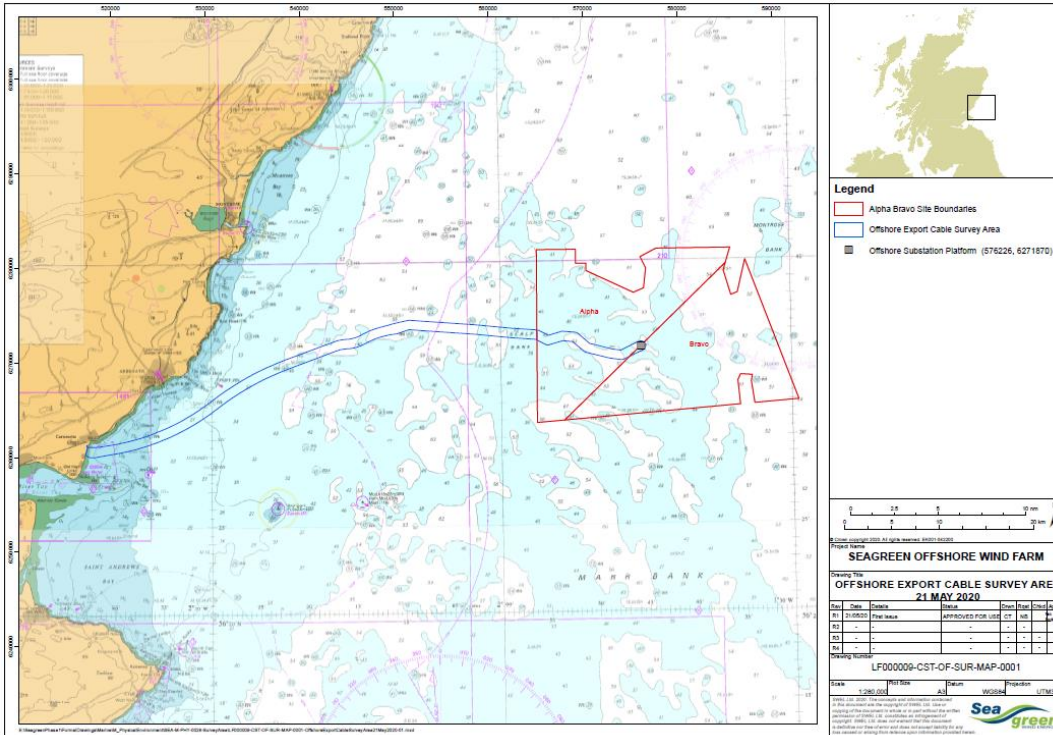


Fig 1 – Seagreen offshore wind farm location and export cable corridor.


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. Rock Protection Installation


On behalf of Seagreen Wind Energy Ltd, Seaway 7 will install rock bag protection systems on the seabed at a number of wind turbine jacket foundation structures. The Siem Stingray will arrive in the Seagreen site on or around the 14th of December. The installation should be completed within 14-21 days. Vessel details below.

Vessel – Siem Stingray	Contact Details	
	Call Sign	C6GR3
	MMSI	311001327
	Length	120.8m
	Beam	27.0m
	Draft	6.2m
	Vessel Contact	Graeme.watters@sse.com

3. Wind Turbine Generator Installation & Commissioning.


On behalf of Seagreen Wind Energy Ltd, MHI Vestas Offshore Wind continue wind turbine generators works.

The Service Operation Vessel (SOV) Norside Cetus will provide accommodation with personnel utilising a walk to work gangway systems to access the WTG structures for work activities.

Vessel – Norside Cetus	Contact Details	
	Call Sign	LNCQ3
	MMSI	257931000
	Length	83.4m
	Beam	18.0m
	Draft	5.6m
	Vessel Contact	Paul Grant – Commissioning Manager +44 7587630374

4. Crew Transfer Vessels (CTV's).

Crew transfer vessels will support operations within the Seagreen site, please see details below.


Vessel – Windcat 101		Contact Details		
	Call Sign	2ELU3		
	MMSI	235086213		
	Length	27.86m		
	Beam	9.32m		
	Draft	1.9m		
	Vessel Contact	Graeme.watters@sse.com		

5. Construction progress update.

Installation and Commissioning of the Seagreen Offshore Sub-station platform, export cable, inter-array cables and 114 wind turbine generators is now complete. Installation coordinates of the WTG's can be obtained via the Duty Marine Coordinator, contact details in section 1.


6. 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.

Vessel – Evening Star		Contact Details		
	Call Sign	MNEP3		
	MMSI	235006716		
	Length	22m		
	Beam	6m		
	Draft	3m		

7. Operations & Maintenance


Operations & Maintenance activities are underway with all the wind turbine generators fully commissioned. Technicians shall be deployed to service the WTG's and carry out any required troubleshooting tasks. The Operations & Maintenance team shall be deployed from the service operations vessel Edda Brint and crew transfer vessel MO9.

Vessel – Edda Brint	Contact Details	
	Call Sign	LALG8
	MMSI	257967000
	Length	82.0m
	Beam	19.0m
	Draft	5.0m
	Vessel Contact	Graeme.watters@sse.com

Vessel – MO9	Contact Details	
	Call Sign	MNXA2
	MMSI	232048583
	Length	26.0m
	Beam	11.0m
	Draft	2.7m
	Vessel Contact	Graeme.watters@sse.com

8. Marine Growth Survey

On behalf of Seagreen Wind Energy Ltd, ROVCO will carry out a cathodic protection and marine growth survey on a number of wind turbine generator foundation structures. The multi-purpose supply vessel Glomar Supporter will utilise its remotely operated vehicle (ROV) to conduct the survey. The Glomar Supporter is expected to arrive at the Seagreen site on or around the 5th of December with works expected to be completed within 6-10 days. Vessel details below.

Vessel – Glomar Supporter	Contact Details	
	Call Sign	HOAL
	MMSI	374689000
	Length	60.0m
	Beam	15.6m
	Draft	5.5m
	Vessel Contact	Graeme.watters@sse.com

9. Offshore Fisheries Liaison Officers.

During the construction phase of the Seagreen project there will be Offshore Fisheries Liaison Officers (OFLO) deployed on selected construction 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.

10. 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.

11. 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](https://twitter.com/seagreenwind)

12. 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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13. Seagreen weekly vessel report.

No Ref	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	82.85m x 18.60m	14/05/2023	N/A
2		MO9	Crew Transfer vessel	Vestas	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	MNXA2 232048583	26m x 11m	02.12.23	N/A
3		Norside Cetus	Multi Purpose Offshore Vessel	Vestas	Paul Grant Vestas +44 7587630374	LNCQ3 257931000	83.4m x 18.0m	22.01.23	OWF Alpha & Bravo ML
4		Windcat 101	Crew Transfer vessel	Seagreen Wind Energy Ltd.	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	2ELU3 235086213	28.0m x 9.0m	24.08.23	OWF Alpha & Bravo ML & OTA LM
5		GV Evening Star	Guard Vessel	Seagreen Wind Energy Ltd.	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	MNEP3 2350006716	22.0m x 6.0m	20.11.23	OWF Alpha & Bravo ML
6		Glomar Supporter	MPV	Seagreen Wind Energy Ltd.	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	MKUX3 235001680	60.0m x 15.6m	05.12.23	N/A
7		Siem Stingray	Offshore Support Vessel	Seagreen Wind Energy Ltd.	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	C6GR3 311001327	120.8m x 27.0m	14.12.23	OWF Alpha & Bravo ML