

Project Title	Seagreen Wind Energy Ltd
Document Reference Number	LF000009-MIP-MA-MAN-NOT-0001

Seagreen Offshore Wind Farm.

Weekly Notice of Operations 34/2023

Issue Date – 21st August 2023.

Notice of Operations on Seagreen Offshore Wind Farm.

Work planned for the period 21-08-2023 to 27-08-2023.

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.

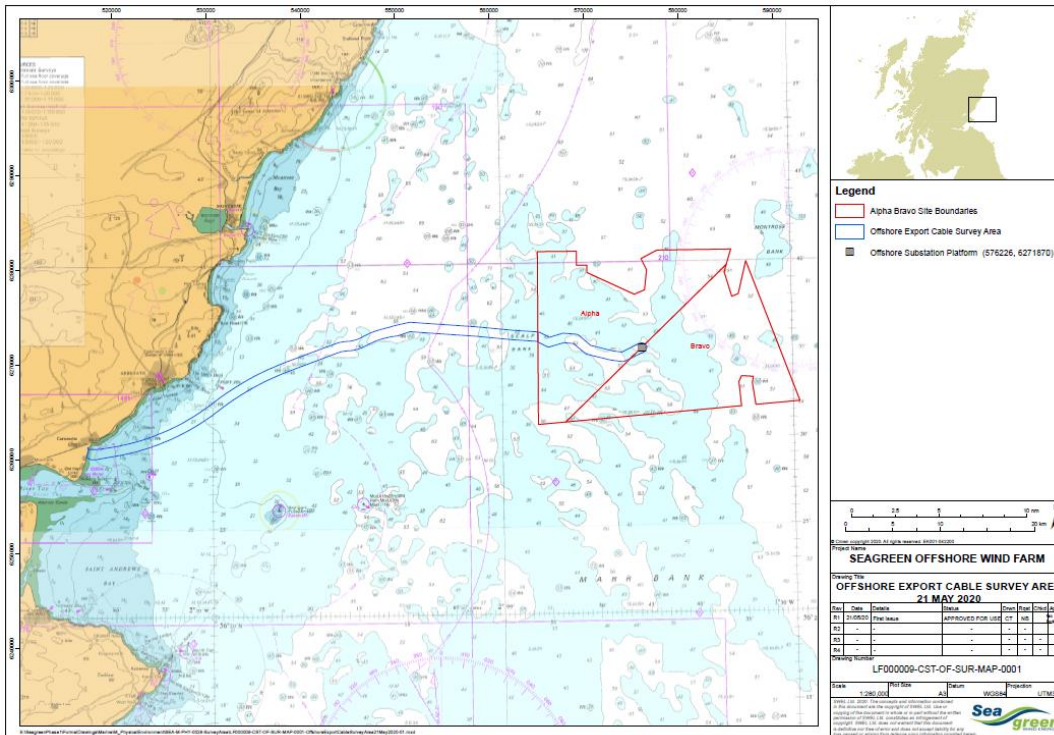


Fig 1 – Seagreen offshore wind farm location and export cable corridor.

1. Contact details for Marine Coordination


The following contact can provide more information if required.

Telephone Number (24/7 Operations)	+44 (0) 333 344 5255
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. Wind Turbine Generator Installation & Commissioning.


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


The Service Operation Vessel (SOV) Norside Cetus will provide accommodation for WTG commissioning technicians. Personnel will utilise a walk to work gangway systems to access the WTG structures for commissioning activities. The crew transfer vessels HST Harri and HST Euan will support operations.


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


3. Crew Transfer Vessels (CTV's).


A number of crew transfer vessels support operations within the Seagreen site, please see details below.


Vessel – Windcat 17	Contact Details	
	Call Sign	2BYD5
	MMSI	235070402
	Length	18.0m
	Beam	6.0m
	Draft	2.0m
	Vessel Contact	Graeme.watters@sse.com


Vessel – HST Harri	Contact Details	
	Call Sign	MGBN4
	MMSI	23202433
	Length	27.0m
	Beam	11.0m
	Draft	2.4m
	Vessel Contact	Onshore Rep: Paul Grant – 07587 630374


Vessel – HST Euan	Contact Details	
	Call Sign	MGQO3
	MMSI	232025959
	Length	27.0m
	Beam	11.0m
	Draft	2.4m
	Vessel Contact	Paul Grant – Commissioning Manager +44 7587630374

Vessel – MCS Sirocco	Contact Details	
	Call Sign	2FFP4
	MMSI	235090843
	Length	25.75m
	Beam	10.06m
	Draft	2.2m
	Vessel Contact	Euan Mowatt – Seaway 7 07539 368974

Vessel – GXS Valtos	Contact Details	
	Call Sign	2FDO4
	MMSI	235090347
	Length	22m
	Beam	6m
	Draft	1.8m
	Vessel Contact	Euan Mowatt – Seaway 7 07539 368974

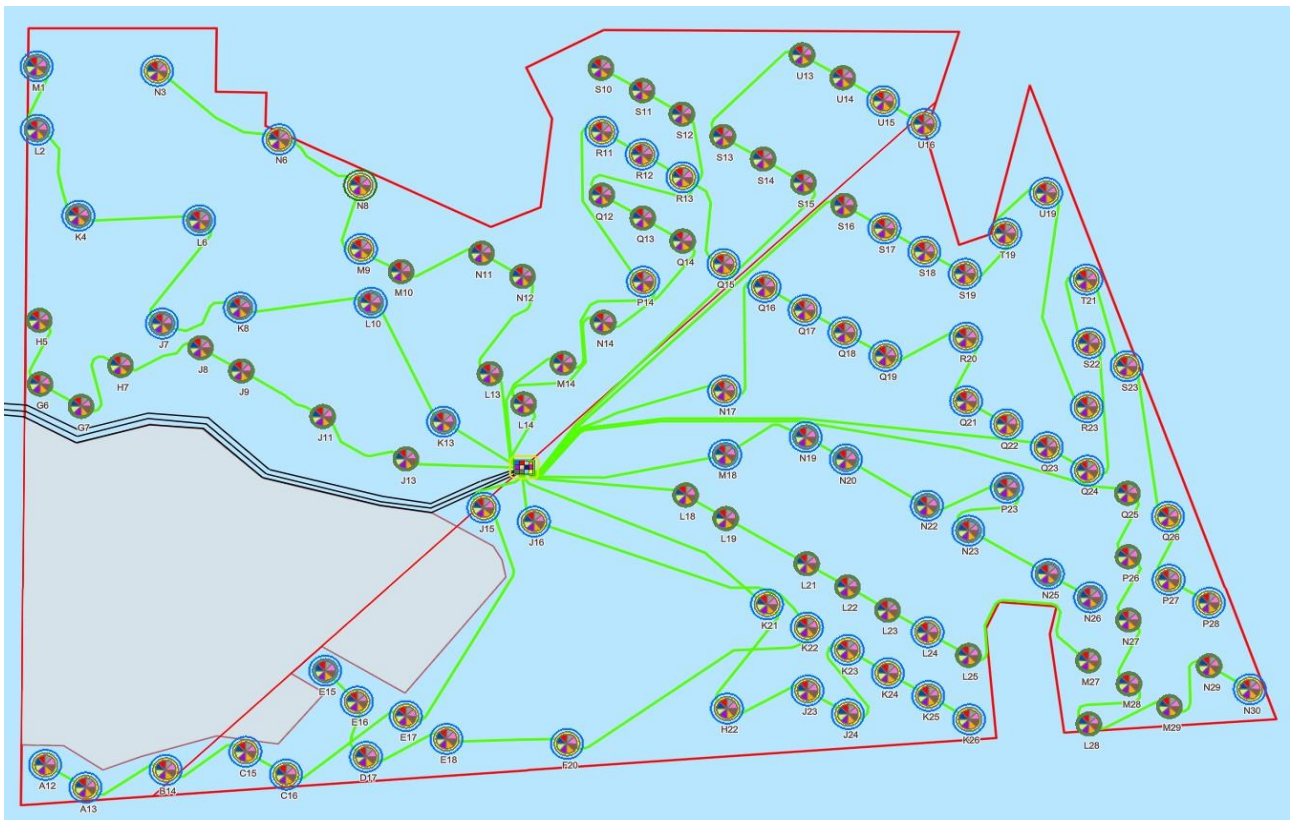
Vessel – Spectrum 4	Contact Details	
	Call Sign	2DMP7
	MMSI	235080287
	Length	21m
	Beam	7m
	Draft	1.8m
	Vessel Contact	Euan Mowatt – Seaway 7 07539 368974

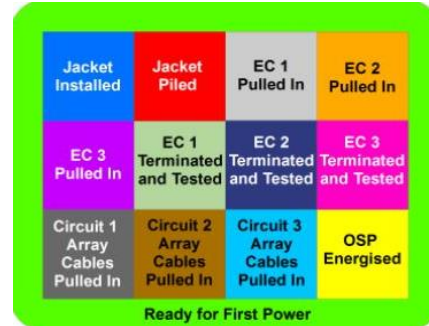
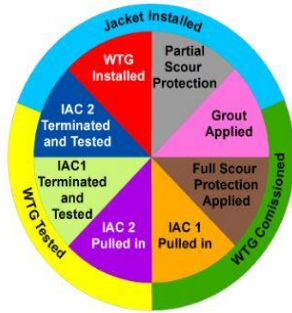
Vessel – Hydrocat 48	Contact Details	
	Call Sign	MISN5
	MMSI	232033647
	Length	23.0m
	Beam	7.0m
	Draft	2.0m
	Vessel Contact	Graeme.watters@sse.com

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

4. Construction progress update.


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






5. Guard Vessel Deployment.


On behalf of Seagreen Wind Energy, Seaway 7 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	21m		
	Beam	7m		
	Draft	5m		

6. Operations & Maintenance

Operations & Maintenance activities are underway with a number of wind turbine generators fully commissioned. Technicians shall be deployed to service the WTG’s and carry out any required trouble-shooting tasks. The Operations & Maintenance team shall be deployed from the service operations vessel Edda Brint and crew transfer vessel MO6.

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 – M06	Contact Details	
	Call Sign	MIQO2
	MMSI	232033197
	Length	26.0m
	Beam	11.0m
	Draft	2.7m
	Vessel Contact	Graeme.watters@sse.com

7. 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.

8. Safety Zones.

Following consideration by Scottish government ministers it has been agreed that during the construction phases of the Seagreen development mandatory rolling 500m safety zones will be established around each Wind Turbine Generator and/or their foundations whilst construction works are in progress, as indicated by the presence of a construction vessel. The safety zones will be triggered whenever a vessel is on station at a WTG and undertaking construction activities.

In addition, mandatory pre commissioning 50m safety zones will be established around each Wind Turbine Generator and/or their foundations when construction works have been completed but prior to Wind Farm commissioning or where construction works have only been partially completed. These safety zones will be active at any structure during the construction phase where a construction vessel is not present at a Wind Turbine Generator.

9. 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)

10. 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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11. Seagreen weekly vessel report.

Seagreen Offshore Windfarm Vessels & Operators									
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 ML)									
Vessel Data Matrix OWF/OTA/Open Cut at Landfall									
No R#	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		HST Euan	Crew Transfer vessel	Vestas	Paul Grant Vestas +44 7587630374	MGQ03 232025959	27 x 11m	06/11/2022	OWF Alpha & Bravo ML
2		HST Harri	Crew Transfer vessel	Vestas	Paul Grant Vestas +44 7587630374	MGBN4 232024313	27 x 11m	06/11/2021	OWF Alpha & Bravo ML
3		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	OWF Alpha & Bravo ML
4		MO6	Crew Transfer vessel	SWEL	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	MIQ02 232033197	26m x 11m	04.07.23	OWF Alpha & Bravo ML
5		GX5 Valtos	Crew Transfer vessel	Seaway7	Euan Mowatt Seaway 7 +44 (0) 7539368974	2FD04 235090347	22.0m x 6.0m	19.03.23	OWF Alpha & Bravo ML
6		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
7		MCS Scirocco	Crew Transfer vessel	Seaway7	Euan Mowatt Seaway 7 +44 (0) 7539368974	2FFP4 235090843	25.0m x 10.0m	03.04.23	OWF Alpha & Bravo ML
8		Spectrum 4	Crew Transfer vessel	Seaway7	Euan Mowatt Seaway 7 +44 (0) 7539368974	2DMP7	23m x 7m	11.05.23	OWF Alpha & Bravo ML
9		Windcat 17	Crew Transfer vessel	Seagreen Wind Energy.	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	2BYD5 235070402	18.0m x 6.0m	25.06.23	OWF Alpha & Bravo ML & OTA ML
10		Hydrocat 48	Crew Transfer Vessel	Petrofac	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	MISN5 223033647	23.0m x 7.0m	23.05.23	OTA ML
11		GV Evening Star	Guard Vessel	Seaway7	Euan Mowatt Seaway 7 +44 (0) 7539368974	MNEP3 235006716	21.0m x 7.0m	01.08.23	OWF Alpha & Bravo ML
12		Windcat 101	Crew Transfer vessel	Petrofac	Graeme Watters Lead Marine Coordinator +44 (0) 7932 229828	2ELU3 235086213	27.86m x 9.32m	23.08.23	OWF Alpha & Bravo ML