

Seagreen Offshore Wind Farm

Fisheries Management and Mitigation Strategy

November 2020



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Fisheries Management and Mitigation Strategy

Section 36 Consent Condition 31 and Offshore Transmission Asset Marine Licence Condition 3.2.1.4

For the approval of Scottish Ministers

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Consent Plan Overview

Purpose of the Fisheries Management and Mitigation Strategy (FMMS)

This Fisheries Management and Mitigation Strategy (FMMS) is submitted by Seagreen Wind Energy Limited (SWEL) on behalf of Seagreen Alpha Wind Energy Limited (SAWEL) (hereinafter referred to as Seagreen) to address the specific requirements of Condition 31 of the Section 36 (S36) Consents granted by the Scottish Ministers to SAWEL under section 36 of the Electricity Act 1989 (in respect of the Alpha Offshore Wind Farm (OWF)) and to Seagreen Bravo Wind Energy Limited (SBWEL) (in respect of the Bravo Offshore Wind Farm) on 10 October 2014 both as varied by the Scottish Ministers by decision letter issued pursuant to an application under section 36C of the Electricity Act 1989 on 28 August 2018 and, in respect of the consent applicable to the Bravo Offshore Wind Farm, as assigned to SAWEL on 22 November 2019.

The FMMS also addresses the specific requirements of Condition 3.2.1.4 of the Offshore Transmission Asset (OTA) Marine Licence granted by the Scottish Ministers under the Marine (Scotland) Act 2010 and the Marine and Coastal Access Act 2009 on 10 October 2014, as varied on 6 March 2019 (the OTA Marine Licence).

Seagreen Alpha and Seagreen Bravo OWFs and the OTA are collectively referred to as the 'Seagreen Project'. This FMMS has been prepared to discharge consent conditions for the Seagreen Project simultaneously.

The overall aim and objective of the FMMS is to provide details on Seagreen's approach to fisheries liaison and mitigation, including proposed measures to facilitate co-existence between the Seagreen Project and commercial fishing and to minimise potential impacts.

All Seagreen Contractors (including their Sub-Contractors) involved in the Seagreen Project are required to comply with this FMMS through conditions of contract.

Scope of the FMMS

This FMMS covers, in line with the requirements of the consents conditions, industry standards and good practice, the following:

- Management and mitigation procedures to be applied to the Seagreen Project throughout the construction and operation of the project to facilitate co-existence;
- Good practice procedures in line with relevant industry guidelines (Fishing Liaison and Offshore Wind and Wet Renewables Group (FLOWW) (2014; 2015)); and
- The roles and responsibilities of key Seagreen personnel and contractors during the construction and operation of the Seagreen Project with respect to commercial fisheries.

Plan Audience

This FMMS will be submitted for approval to the Scottish Ministers/Licensing Authority and for consultation with relevant stakeholders, including the Forth and Tay Commercial Fisheries Working Group (CFWG), in relation to monitoring compliance with the specific requirements of the relevant consent conditions.

Compliance with this FMMS will be monitored by: Seagreen's appointed Contractors; Seagreen's Ecological Clerk of Works (ECOW); and Marine Scotland Licensing and Operations Team (MS-LOT).

Copies of the FMMS are to be held in the following locations:

- Seagreen's head office;
- Seagreen's construction office and Marine Coordination Centre (MCC);
- at the premises of any Contractor (as appropriate), including the Seagreen ECOW, acting on behalf of Seagreen; and
- aboard any vessel engaged in the Wind Farm/OTA.

1. Introduction

1.1 Consents and Licences

Seagreen Wind Energy Limited (SWEL, hereafter referred to as 'Seagreen') was awarded Section 36 Consents (S36 Consents) under the Electricity Act 1989 by Scottish Ministers on 10 October 2014 for Seagreen Alpha and Seagreen Bravo Offshore Wind Farms (OWFs), both as varied by the Scottish Ministers by decision letter issues pursuant to an application under section 36C of the Electricity Act 1989 on 28 August 2018 and, in respect of the consent applicable to the Bravo Offshore Wind Farm, as assigned to SAWEL on 22 November 2019. Marine Licences for Seagreen Alpha and Bravo OWFs and the Offshore Transmission Asset (OTA) (together the 'Marine Licences') were also awarded by Scottish Ministers in October 2014 under the Marine (Scotland) Act 2010 and the Marine and Coastal Access Act 2009. Together the wind farms Seagreen Alpha and Seagreen Bravo and the OTA collectively comprise 'the Seagreen Project'.

In 2018, following application by Seagreen, the Alpha Marine Licence and Bravo Marine Licence were varied by Scottish Ministers. Subsequently, in 2019, the OTA Marine Licence was also varied by Scottish Ministers. In 2019, the Bravo Marine Licence was transferred from the name of Seagreen Bravo Wind Energy Limited (SBWEL) into the name of Seagreen Alpha Wind Energy Limited (SAWEL).

1.2 Project Description

The Seagreen Project is located in the North Sea, in the outer Firth of Forth and Firth of Tay region and comprises the OWFs (the WTGs, their foundations and associated array cabling, together with associated infrastructure of the OTA (Offshore Substation Platform (OSP), their foundations and the offshore export cable), to facilitate the export of renewable energy to the national electricity transmission grid. The location of the Seagreen Project is shown in Figure 1.1.

The Seagreen Project will consist of the following key components:

- 150 WTGs of 10MW rated generating capacity; comprising
 - 114 WTGs installed on three-legged steel jackets, each installed on suction bucket caissons;
 - 36 WTGs installed on up to four-legged steel jackets, each installed on pin pile foundations;
- Two OSPs, each installed on up to 12 pin pile foundations;
- A network of subsea inter-array cables as detailed below;
 - Circa 300km of inter-array cables to connect strings of WTGs on suction caissons foundations together and to connect these OSP1.
 - Circa 55km of inter-array cables to connect strings of piled foundation WSPs together and to connect these to OSP2; and
 - Circa 3km of interconnector cable to connect the two OSPs.
- Inter-array cables will be buried where possible and where burial is not possible cable protection will be provided; and
- Three subsea export cables, totalling circa 190km in length, to transmit electricity from the OSPs to the landfall at Carnoustie and connecting to the onshore export cables for transmission to the onshore substation and connection to the National Grid network. Export cables will be buried where possible and where burial is not possible cable protection will be provided.

Detailed information of the construction procedures and good working practices proposed for the construction phase is provided in the OWFs and OTA Construction Method Statements (CMSs) (LF000009-CST-OF-MST-0001 and LF000009-CST-OF-MST-002).

Detailed information on the design and layout of the Project is included within the OTA and OWF Design Specification and Layout Plan (DSLP) (LF000009-CST-OF-PLN-0004 and LF000009-CST-OF-PLN-0005).

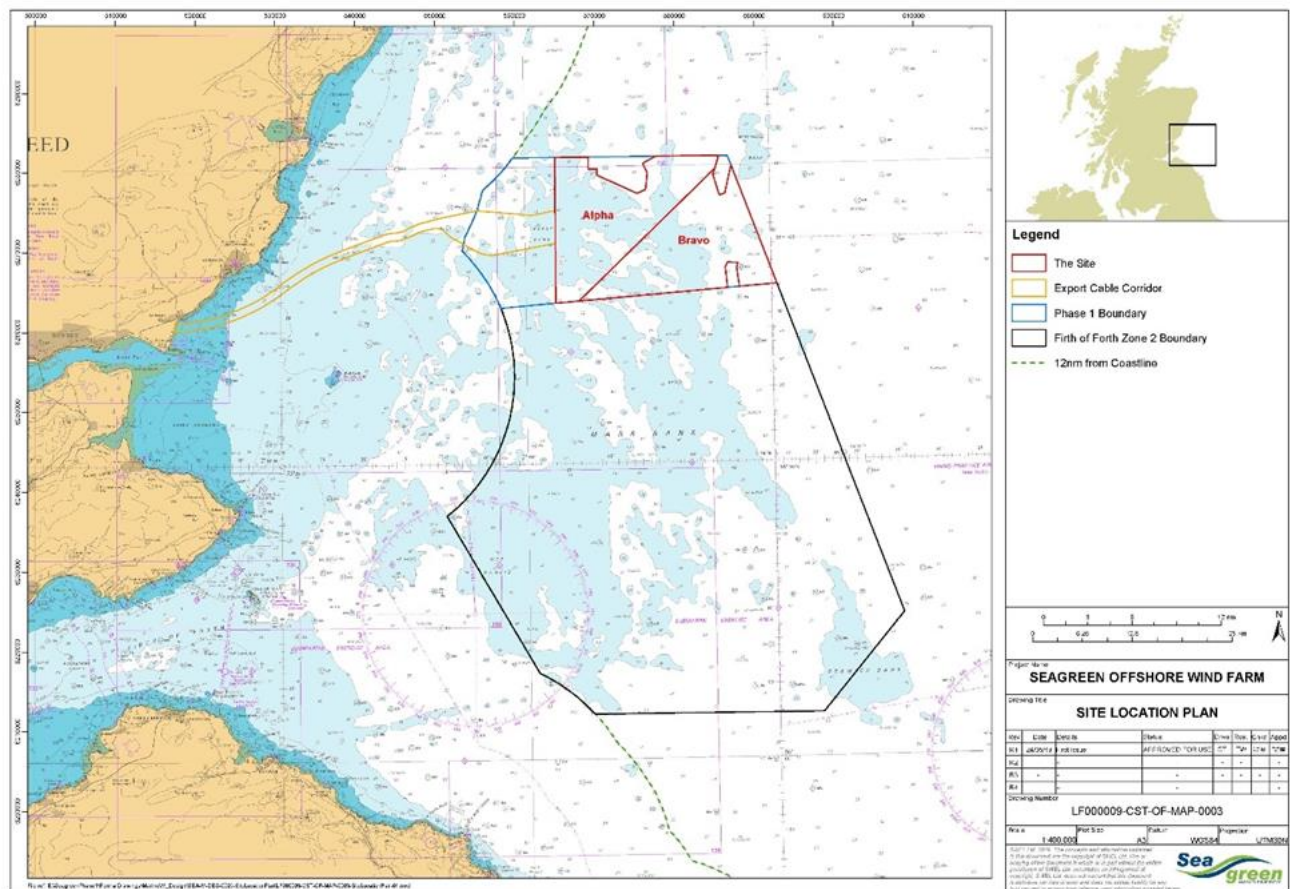


Figure 1.1 - Project Location

1.3 Timing of Construction Works

With reference to the Construction Programme Consent Plan (LF000009-CST-OF-PRG-0002), construction will commence in 2020, with completion in 2023. Delivery of the project is phased with construction taking place in two stages: Stage 1 and Stage 2.

Stage 1 of the Project covers the installation of the 114 WTGs on suction bucket caisson jacket foundations with associated inter array cabling. In addition, the export cable installation (including works at landfall, and installation of the first OSP (foundations and topsides), OSP interconnection cable will occur during Stage 1.

Stage 2 covers installation of the 36 WTGs on piled jacket foundations with associated inter array cabling and the installation of the second OSP.

There may be a time gap between the installation of the WTGs on suction bucket foundations and the WTGs on jackets with piled foundations. During this gap, certain WTGs on suction buckets may be commissioned and begin generating.

It is currently anticipated that the offshore construction works will be carried out year-round and around the clock (i.e. 24 hour working, 7 days a week, unless noted otherwise). Information and updates on construction activities will be promulgated through local Notices to Mariners (NtM) and Weekly Notices of Operations (WNOO) and continuing liaison through the Fisheries Liaison Officer (FLO), Fisheries Industry Representatives (FIR) etc as set in section 3.2.1.6.

1.4 Consent and Licence Requirements

This FMMS has been prepared to discharge condition 31 of the S36 Consents and condition 3.2.1.4 of the OTA Marine Licence, as set out in Table 1.2.

This document is intended to satisfy the requirements of these conditions by providing an FMMS that can be practically implemented during construction with a view to facilitating co-existence between the Seagreen Project and commercial fishing and to mitigating impacts on relevant fishing interests.

In addition to the requirement for an FMMS, an FLO must be appointed as set out by the requirements under Section 36 consent Condition 32 and Condition 3.2.2.13 of the OTA Marine Licence. Whilst the FLO is not a requirement of this FMMS, it is anticipated that the FLO will play a role in the implementation of this FMMS, particularly in relation to communications with local fishing interests.

Seagreen have provided details of the nominated FLO (Brown and May Marine Ltd (BMM)) to MS-LOT in respect of consent condition 32 of the Section 36 Consent and Condition 3.2.3.13 of the OTA Marine Licence on 1st February 2019; this nomination was accepted by MS-LOT, on behalf of Scottish Ministers, on 10th May 2019.

Table 1.2 - Consent Conditions to be discharged by this FMMS

| Consent Document | Condition Reference | Condition Text | Reference to relevant Section of this FMMS |
|------------------|---------------------|--|--|
| Section 36 | Condition 31 | The Company must, no later than 6 months prior to the Commencement of the Development, submit a Commercial Fisheries Mitigation Strategy (CFMS ¹), in writing, to the Scottish Ministers for their written approval. | This document sets out the FMMS (previously known as CFMS) for approval by the Scottish Ministers. |

¹ The Commercial Fisheries Mitigation Strategy (CFMS) is now called Fisheries Management and Mitigation Strategy (FMMS) (this document)

| | | | |
|--------------------|-------------------|---|---|
| | | The Company must remain a member of the Forth and Tay Offshore Wind Developers Group (FTOWDG) - Commercial Fisheries Working Group (CFWG) or any successor group formed to facilitate commercial fisheries dialogue in the Forth and Tay regions. | Seagreen confirms that it will continue to be a member of the Forth and Tay CFWG or any such successor group (Section 3.2.1.5). |
| | | The Company must include in the CFMS a mitigation strategy for each commercial fishery that Ministers are reasonably satisfied would be adversely affected by the Development. | Management and mitigation measures have been proposed for relevant fisheries. These are outlined in Section 3. |
| | | The CFMS must, in particular, include mitigation measures for lobster stock enhancement if the Scottish Ministers are satisfied that such mitigation measures are reasonably necessary. | Management and mitigation measures of relevance to the lobster (and crab) fishery are outlined in Section 3. In addition to measures applicable to all fisheries, this includes consideration of the implementation of a cooperation payment strategy with regards to the lobster and crab fishery (Section 3.9.1). |
| | | The Company must implement all mitigation measures committed to be carried out by the Company within the terms of the CMFS. | Seagreen confirms it will implement the mitigation measures committed to in this FMMS. |
| | | The Company must require all of its contractors, and sub-contractors, to co-operate with the fishing industry to ensure the effective implementation of the CFMS. | All Seagreen Contractors (including their sub-contractors) involved in the Seagreen Project are required to comply with this FMMS through conditions of contract (Section 2). |
| OTA Marine Licence | Condition 3.2.1.4 | The Licensee must continue its membership in the FTOWDG-CFWG, or any successor group formed to facilitate commercial fisheries dialogue to define and finalise a Commercial Fisheries Mitigation Strategy ("CFMS"). | Seagreen confirms that it will continue to be a member of the Forth and Tay CFWG or any such successor group (Section 3.2.1.5). |

| | | | |
|--|--|--|---|
| | | As part of the finalised CFMS, the Licensee must produce and implement a mitigation strategy for each commercial fishery that can prove to the Licensing Authority that they will be adversely affected by the Works | Management and mitigation measures are outlined in Section 3. |
| | | The CFMS to be implemented must be approved in writing by the Licensing Authority. | The FMMS will be approved in writing by the licensing Authority. |
| | | The Licensee must implement all mitigation measures committed to be carried out by the Licensee within the CFMS, so far as is applicable to the Works. | Seagreen confirms its commitment to the implementation of the mitigation measures described in this FMMS. |
| | | Any agents or their contractors or sub-contractors working for the Licensee, must co-operate with the fishing industry to ensure the effective implementation of said CFMS. | All Seagreen Contractors (including their sub-contractors) involved in the Seagreen Project are required to comply with this FMMS through conditions of contract (Section 2). |

1.5 Linkages with other consent plans and Consent Conditions

The FMMS will so far as is reasonably practicable, be consistent with a number of other consent plans and consent conditions. These are set out in Table 1.3 with details of the linkages presented and cross referenced as appropriate.

It should be noted that information is not repeated across consent plans, rather, where pertinent information is available in linked consent plans, the relevant consent plans are referred to. The plans are not required for approval of the FMMS but are provided for ease of reference.

Table 1.3: Linkages with other consent plans

| Reference | Linkage with the FMMS | Cross-reference in this FMMS |
|--|---|---|
| Safety Zones applied for under s.95 Energy Act 2004 | Sets out the safety zones that will be applied for and implemented during the construction and operation of the Seagreen Project. | Section 3.3. |
| Construction Method Statement (CMS) (required by S36 Consents Condition 10 and OTA Marine Licence 3.2.2.4) | The CMS provides information on the construction procedures and good working practices proposed for the | Sections 1.2 and 3.2.1. Appendices C and D. |

| | | |
|---|--|--------------------------------------|
| | construction phase of the Seagreen Project. | |
| Vessel Management Plan (VMP) (required by S36 Consents Condition 15 and OTA Marine Licence Condition 3.2.2.8) | Provides information on indicative transit routes to and from construction/operational ports to the Seagreen Project. | Sections 3.6 and 3.7 and Appendix D. |
| Lighting and Marking Plan (LMP) (required by S36 Consents Condition 19 and OTA Marine Licence Condition 3.2.2.14) | Outlines the Lighting and Marking arrangements proposed for the Project. | Appendix D. |
| Navigational Safety Plan (NSP) (required by S36 Consents Condition 17 and OTA Marine Licence Condition 3.2.2.9) | Provides information on the approach to ensuring the safety of vessels (including fishing vessels) during construction and operation, including details on anchoring and potential shelter areas. | Section 3.6 and Appendix D. |
| OWF Cable Plan (OWF CaP) and OTA Cable Plans (OTA CaP) (required by S36 Consents Condition 18 and OTA Marine Licence Condition 3.2.2.10 respectively) | The OWF CaP and OTA CaP provide information on the specification of the cables, the burial risk assessment and the cable installation process. | Section 1.2 and Appendix D. |
| Design Specification and Layout Plan (DSLPL) (required by S36 Consents Condition 12 and OTA Marine Licence Condition 3.2.2.6) | Provides information on the location of project infrastructure (including foundations, wind turbine generators, substations and cables) | Section 1.2. |
| Offshore Construction Environmental Management Plan (CEMP) (required under S36 Consents Condition 14 and OTA Marine Licence Condition 3.2.1.2) | Outlines Seagreen's approach to environmental management during construction and includes a complete register of the mitigation, management and monitoring commitments made in the ES and ES Addendum. | Sections 1.6 and 5.2. |
| Construction Programme (CoP) (required under Condition 9 of the S36 Consents and Condition 3.2.2.3 of the OTA Marine Licence) | Outlines the proposed construction programme for the Project. | Section 1.3. |

1.6 Construction management

Full details of the construction management procedures, including environmental compliance, monitoring and reporting and roles and responsibilities are provided in the Offshore Construction Environmental Management Plan (LF000009-CST-OF-PLN-0014 - Offshore CEMP).

1.7 Updates and Amendments

Should any updates to this FMMS become necessary, the change management process for any updates required to the FMMS, including resubmission of consent plans for approval, is outlined in Appendix B.

2. Scope and Objectives of the FMMS

This FMMS has been prepared to address the specific requirements of the relevant conditions attached to the S36 Consents and Marine Licences (collectively referred to as 'the consents') issued to Seagreen Wind Energy Limited (Seagreen).

The overall aim and objective of the FMMS is to provide details on Seagreen's approach to fisheries liaison and mitigation, including proposed measures to facilitate co-existence between the Seagreen Project and commercial fishing and to minimise potential impacts.

The FMMS has the following key primary functions:

- i. to ensure that appropriate liaison channels with the fishing industry are established and that effective liaison is maintained throughout the construction and operational phase of the project; and
- ii. to define appropriate management and mitigation measures to minimise potential impacts on fishing activities and facilitate co-existence.

All Seagreen personnel and Seagreen's Contractors (including their sub-contractors) involved in the Seagreen Project must comply, as a minimum with the FMMS.

3. Management and Mitigation Measures

3.1 Introduction

The following sections provide details of Seagreen's approach to fisheries liaison and of the measures to be implemented to facilitate co-existence and minimise impacts on fishing activities. Commercial fisheries of relevance with regard to the Seagreen Project were identified in the ES and include the following:

- The lobster and crab fishery;
- Demersal trawl fisheries, including Nephrops, squid and whitefish fisheries; and
- The scallop dredging fishery.

Unless otherwise specified, the measures proposed in this FMMS apply to all the fisheries identified above. Where specific measures have been proposed in relation to specific fisheries this is clearly noted within this FMMS.

The FMMS will be shared with the CFWG for consultation prior to approval by Scottish Ministers. It is Seagreen's responsibility to ensure the implementation of this FMMS.

3.2 Communication and Information Transfer

The implementation of appropriate communication and information transfer strategies is of key importance to assist in minimising interference and facilitating effective co-existence with the fishing industry. The sections below outline roles and responsibilities of the Seagreen team with regards to liaison with the fishing industry and outline the proposed communication and information distribution plan proposed to be implemented for the Project. It is also expected that, for their part, the fishermen, their representatives and other fisheries stakeholders should help to maintain an ongoing and proactive dialogue, with the understanding that communications are factual and accurate, in order to prevent unnecessary escalation of issues.

3.2.1 Fisheries Liaison Roles and Responsibilities

This section details the Seagreen Project team roles, responsibilities and lines of communication during the construction and operational phases of the Seagreen Project in so far as they relate to commercial fisheries interests. Key roles and responsibilities are outlined in Table 3.1, including contact details for relevant personnel. These are further discussed under separate headings in Section 3.2.1.1 to 3.2.1.5.

A flow chart outlining the lines of communication in relation to fisheries liaison is provided in Figure 3.1.

A description of the role of the Marine Coordination Centre (MCC) is also included at the end of this Section (Section 3.2.1.6).

Table 3.1 Roles and Responsibilities

| Role | Responsibility |
|--|--|
| Senior Project Manager | Employed by Seagreen to oversee the effective delivery of the Project. |
| Contractor | Overall responsibility for delivering the construction phase activities. Liaises with the Seagreen Senior Project Manager. |
| Lead Consents and Compliance Manager | Responsible for the effective management of all consent, planning permission and land related activities through the refinement and execution phases of the project. |
| Seagreen Environmental Advisor: Nick Brockie nick.brockie@sse.com | Responsible for management of all fisheries liaison and mitigation activities, representing Seagreen at the CFWG and the management of the FLO. Responsible for the management and delivery of the Offshore PEMP and related environmental monitoring studies. |
| Fisheries Liaison Officer (FLO): Brown and May Marine (BMM) Ltd Alex Winrow-Giffin alex@brownmay.com | The person appointed under Condition 32 of the S36 Consents and 3.2.2.13 of the OTA Marine Licence. The FLO must: <ul style="list-style-type: none"> Establish and maintain effective communications between Seagreen, any Contractors or sub-contractors, fishermen and other users of the sea concerning the overall project and any amendments to the Construction Method Statements (CMSs) and site environmental procedures; Provide information relating to the safe operation of fishing activity on the site of the Project; Ensure that information is made available and circulated in a timely manner to minimise interference with fishing operations and other users of the sea. |
| Offshore FLO | Employed by Contractors to act as the point of communication with fishing interests at sea, directly and through consultation with Fishing Industry Representatives (FIRs). Liaises directly with the Company FLO. |
| Fisheries Industry Representative(s) (FIRs) | FIR(s) employed by Seagreen to act as point of contact for the fishing industry. FIRs are responsible for distributing information to fisheries stakeholders and for relaying information provided by fishermen to Seagreen, as required. |
| SSE Renewables Fisheries Manager | The SSE Renewables Fisheries Manager is responsible for supporting and developing positive strategic relations with the fisheries sector across all SSE Renewables' offshore projects. |

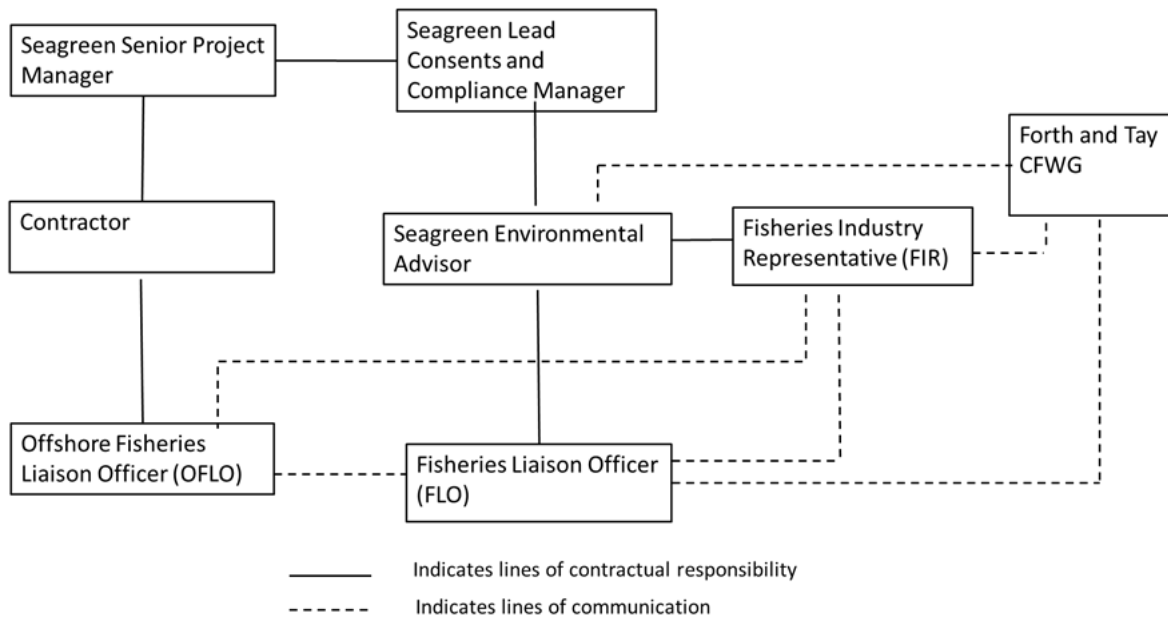


Figure 3.1 Seagreen Project Communications and Engagement with the Fishing Industry

3.2.1.1 Seagreen

The main elements of Seagreen's commercial fisheries liaison activities will be:

- To identify and pro-actively engage with commercial fisheries stakeholders and statutory and non-statutory bodies and organisations that have the potential to be affected by Seagreen's activities;
- To actively continue liaison and consultation with the fishing industry through the Forth and Tay CFWG, as the regional forum for engagement with commercial fishing stakeholders, in accordance with the Terms of Reference of the CFWG;
- To formulate, agree and implement efficient communication channels for distributing project related information to stakeholders;
- To continue to give consideration to the concerns of commercial fisheries stakeholders in the formulation of mitigation strategies;
- To maintain a Company FLO as the main point of contact for Seagreen throughout the Seagreen project, as well as engaging Fishing Industry Representative (FIRs) as required from pre-construction to completion and commissioning of the project;
- Promotion of productive co-existence through the early provision of construction and cable laying plans to fisheries stakeholders, including information on the type and location of cable protection measures where this may be required;
- Seagreen's Contractors will utilise OFLOs on the main construction/ survey vessels where appropriate;

- To produce and ensure implementation of Standard Operating Procedures (SOPs) to minimise and appropriately manage potential interactions with fishing vessels;
- To establish suitable and evidence-based cooperation agreement methodologies in line with FLOWW guidelines (FLOWW 2014; 2015);
- To maintain a fisheries stakeholder database to ensure all fisheries stakeholders are adequately informed of construction activities; and
- To implement a Vessel Management Plan (VMP) as required under Condition 15 of the Section 36 consent and Condition 3.2.2.8 of the Marine Licence.

3.2.1.2 Fisheries Liaison Officer (FLO)

The principal role of the FLO will be to establish and maintain effective communications between Seagreen, any Contractors or sub-contractors, fishermen and other users of the sea during the construction and operation of the Seagreen Project and to monitor compliance with good practice guidelines whilst doing so.

The key responsibilities of the FLO are outlined below:

- Provision of advice to Seagreen on Fisheries Liaison throughout the project execution phase;
- Organisation of, preparation for and attendance at fisheries meetings (CFWG, SFF, local fishermen and their associations), local fisheries stakeholder events and meetings with regulators including Marine Scotland, as required;
- Provision of advice on ongoing delivery of commitments identified in the FMMS;
- Maintain availability to receive and respond to telephone and e-mailed enquires and statements from fishermen's representatives and individual fishermen, as well as client enquiries;
- Maintaining availability to resolve fisheries related issues as they arise;
- Preparation of SOPs to help avoid and minimise interactions with fishing activities;
- Gather information with regards to fishing activities within the Seagreen Project and its vicinity;
- Assist and support Seagreen, to facilitate the relocation or removal of static fishing gear where this may be required; and
- Provide monthly reporting to Seagreen's ECoW during the project's construction phase.
- Provision of a monthly Seagreen fisheries update to be circulated to relevant fisheries interests, including the CFWG.

3.2.1.3 Offshore Fisheries Liaison Officer(s) (OFLOs)

OFLOs will be employed by Seagreen's Contractors and will be placed on the main construction vessels to act as the point of communication with fisheries interests at sea, directly and through consultation with FIRs.

The primary responsibilities of the OFLOs are:

- To maintain regular contact with the FLO and the Employer's personnel, as required, concerning marine traffic and fishing vessel activity in the outer Firth of Forth;
- To maintain watch for marine traffic and fishing vessel activity during marine operations and maintain regular contact with guard vessels and support vessels;
- To communicate with the vessel master in respect of providing any relevant information to fishing vessels, and, when the vessel is not engaged in marine operations, work with the vessel master to avoid, where reasonably practicable, fishing vessels actively engaged in fishing operations;
- To liaise with any fishermen who may have static gear deployed in the outer Firth of Forth or along vessel transit routes;
- To provide the required support to the FLO in the handling of any claims by fishermen who may have static gear deployed in the outer Firth of Forth or along vessel transit routes;
- To work with the vessel master to ensure adherence with relevant aspects of the FMMS;
- To develop and provide training for all vessel personnel to include induction and training for staff with specific fisheries liaison responsibilities;
- To record details of any fishing activity in and around the project site (including fishing vessels, gear and communications with fishermen) and of any events of infringement or movement or damage to static gear;
- To provide daily update reports via email to the FLO; and
- To attend meetings, if required, with the Employer's personnel and the FLO.

3.2.1.4 Fishing Industry Representative (FIR)

As counterpart to the FLO and often first point of contact for fishermen, the FIRs will support the FLO in their duties. FIRs will make skippers of fishing vessels aware of any forthcoming project operations and other on-going activities.

Membership of the Forth and Tay CFWG includes nominated FIRs representing local areas in the wider Forth and Tay area. In addition to the CFWG FIRs it is anticipated that there will also be a project specific FIR in place until completion and commissioning of the Project, where required. The primary responsibilities of the FIRs are:

- To be the local conduit for liaison with local fisheries stakeholders;
- To assist the FLO at a local level in undertaking the tasks listed above;
- To assist the FLO in maintaining mutually productive relationships between Seagreen and fisheries stakeholders;
- To feed back to the FLO any fishermen's concerns communicated to the FIR;
- To be available as required addressing local issues: and
- To assist in the distribution of notices and relevant project information to fisheries stakeholders.

3.2.1.5 The Forth and Tay Group Commercial Fisheries Working Group (CFWG)

The principal purpose of the CFWG is to provide a forum for discussion on issues relating to commercial fisheries common to all offshore wind farm projects in the Forth and Tay Region. Seagreen is currently a member of the CFWG and will seek to continue to participate in the group. The FMMS will be shared with the CFWG for consultation prior to approval by Scottish Ministers.

3.2.1.6 Marine Coordination Centre (MCC)

This section presents the proposed arrangements for the MCC which will be established at Montrose Harbour, on the Angus Coast, and will support the Seagreen Project's construction and operational phase activities.

The MCC will monitor vessel activity in areas relevant to the Seagreen Project. In addition, the MCC will be responsible for compiling Notices to Mariners (NtM), Information to Sea Users Bulletins (Kingfisher Bulletin), as well as weekly notices of operations (WNoO) (during construction). These will be issued to the Company FLO which will then distribute them to the FIRs and to individual fishermen as required.

In addition, the MCC will provide a direct point of communication for fishing vessels when active in areas relevant to the Project. Fishermen can contact the MCC via marine radio channels (VHF, MF and LF) or the MCC phone line. Contact details will be confirmed when the MCC becomes operational prior to construction start.

The MCC and the FLO will maintain a register of NtM and Bulletin submissions

3.2.2 Communications and Information Distribution Plan

Information regarding pre construction and construction works will be circulated to fisheries stakeholders with a view to minimising interference and facilitating effective co-existence.

The proposed schedule for dissemination of information to the fishing industry is outlined in

Table 3.2.

Table 3.2 Scheduling of Liaison and Notice and Information Distribution

| Activity/information to be disseminated | Timescale for distribution |
|--|--|
| Construction planning | Notices and information distribution, once available, and following submission of relevant plans to Marine Scotland. Appropriate notice will be given prior to the commencement of construction activities |
| Surveys which may require gear relocation or that may have potential to cause significant displacement to fishing activity | Notices and information distribution not less than 14 days prior to survey mobilisation (where feasible). |
| Specific construction Works | Notice and information distribution, as soon as is reasonably practicable, prior to Commencement of both OTA and OWF Construction Works per the relevant marine licence conditions (OTA Marine Licence condition 3.2.2.14 and OWF, Alpha and Bravo, Marine Licences condition 3.2.1.2). Notice and information will aim to be provided not less than 14 days prior for individual construction vessels mobilisations (where feasible). Progress updates will be provided on these Construction Works thereafter until Completion per OTA Marine Licence condition 3.2.3.5 and OWF, Alpha and Bravo, Marine Licences condition 3.2.2.3. When OTA and OWF Construction Works are complete these will also be notified respectively per OTA Marine Licence condition 3.2.4.5 and OWF, Alpha and Bravo, Marine Licences condition 3.2.3.2. |
| Forth and Tay CFWG | Meetings bi-annually or as required during the pre-construction, construction and operational phases. |
| Project updates | Project update circulated by e-mail or hard copy to fisheries stakeholders on a bi-annual basis or as needed by the Project. |
| Unscheduled Liaison | Additional unscheduled liaison and consultation will be undertaken by either the FLO, or the FIR as required to address issues and fishermen's concerns as they arise. |

3.3 Safety Zones

Seagreen will separately apply for the following Safety Zones to be implemented;

- 500m construction phase “rolling” safety zones centred at locations where construction activities are underway;
- A 50 m pre-commissioning safety zone during the construction phase, at infrastructure where construction is not on-going, prior to wind farm commissioning; and
- 500 m operation phase safety zones centred at locations where maintenance operations are being undertaken.

3.4 Guard Vessels

Provision of guard vessels will be the responsibility of relevant Contractors during construction activities, as appropriate. The guard vessels will support the OFLO in monitoring fishing activity and communicating with fishing vessels.

3.5 Reporting of Dropped Objects

In the interest of ensuring safety and minimising risks to fishing dropped objects the project dropped objects to sea procedure, which is described within the Seagreen Offshore CEMP (LF000009-CST-OF-PLN-0014), will be followed for any dropped objects to sea. This procedure also includes necessary reporting.

3.6 Offshore Vessel Management Plan (VMP) and Navigational Safety Plan (NSP)

Information on indicative transit routes to and from construction/operational ports and the Seagreen Project is provided in the Vessel Management Plan (VMP) (LF000009-CST-OF-PLN-0006).

Information on the approach to protecting the safety of vessels (including fishing vessels) during construction and operation, including details on anchoring and potential sheltering arrangements is provided in the Navigation Safety Plan (NSP) (LF000009-CST-OF-PLN-0007).

Seagreen will consult with commercial fisheries stakeholders on indicative transit routes and any potential shelter areas and will advise contractor vessels of any concerns raised and the importance of adhering to the Code of Good Practice defined for contractor vessels, below. The MCC will monitor construction vessel locations and will advise vessels on use of transit routes and shelter areas.

3.7 Code of Good Practice for all Vessels

When Seagreen appoints Contractors, these will be contractually required to follow a code of good practice in order to ensure external communication is accurate and to aid co-existence with the fishing industry.

This will include the following considerations:

- Ensure that any project related debris accidentally dropped during construction and maintenance activities is removed as practicably and safely, as is feasible, and reported as stated within the Seagreen Offshore CEMP;
- Ensure all vessels under contract for the Project adhere to COLREGS and SOLAS requirements;
- Ensure all vessels under contract for the Project do not engage in any commercial or recreational fishing activities whatsoever;
- All vessels under contract with the Project will maintain polite, proactive and professional communications with fishing vessels during offshore operations;
- All vessels under contract with the Project will monitor at all times the required VHF channels so as to receive communications directly from fishing vessels;
- All vessels contracted to undertake project specific work will have undertaken appropriate risk assessments in respect of potential interactions with commercial fishing vessels and their gears;
- Where appropriate, for vessels using anchored positioning, Contractors will be obliged wherever possible to adopt anchor release procedures to minimise the size of anchor mounds and where necessary undertake remedial actions to level any significant anchor mounds;
- All vessels contracted by the Project to have on board fishing liaison/interaction manuals;
- Where appropriate, suitably qualified and certified OFLOs will be on board certain project vessels; and
- Vessels transiting to the Project shall follow transit routes as defined in the VMP where and when safe and practical to do so.

3.8 Procedures in Relation to Gear Fastening or Loss

The following procedure replicates that which has been in place in respect of the UK offshore oil & gas industry and describes the steps that should be undertaken in the event of fishing gear becoming fastened within the Project area:

- If the fastened gear is not easily retrieved, fishermen should not apply excessive winch, line or net hauler loads or engine powers in attempts to retrieve fastened gear.
- Fishing vessel should advise the coastguard or the MCC, giving an accurate position of the vessel and/or lost gear.
- If the coastguard or the MCC confirms that the vessel is in the immediate vicinity of a cable or wind farm related infrastructure, serious consideration will be given to the slipping of the gear and buoying and recording its position.
- After buoying off the gear, the position should be confirmed with the coastguard or the FLO.

- On return to port, contact the local Fishery Office and register the incident in the normal manner.
- Complete a gear loss record form and forward it to FLO and/or the Project marine coordinator (example of a claims form for damage to gear is provided in Appendix E).
- On no account should skippers grapple in an attempt to recover fishing gear lost or cut away in the vicinity of the inter-array or export cables.

Information on navigational safety measures and a summary of emergency responses and coordination arrangements for the construction and operational phase of the Project is included within the Navigational Safety Plan (NSP) (LF000009-CST-OF-PLN-0010)).

3.9 Fishery Specific Management and Mitigation Measures

The management and mitigation measures outlined in Sections 3.2 to 3.8 are applicable to all fisheries active in areas relevant to the Seagreen Project. Additional fishery specific mitigation measures which have been proposed are outlined in the following sections. These refer to the lobster and crab fishery and the scallop dredging fishery.

3.9.1 Mitigation Specific to the Lobster and Crab Fishery

Seagreen will seek to agree appropriate, justifiable and evidence-based cooperation payments to individuals engaged in the lobster and crab fishery whose fishing activities will be impacted during the construction phase of the Seagreen Project, where this impact cannot be appropriately offset by the management and mitigation measures described in Section 3.2 to Section 3.8. This is anticipated to be of particular relevance in relation to activities associated with export cable installation due to the expected increased presence of static fishing gear relative to offshore areas.

MS-LOT confirmed agreement with this approach to mitigating potential impacts in respect of the lobster and crab fishery via email on 10th March 2020. With this mitigation in place there is no need for specific lobster stock enhancement as identified in Condition 31 of Section 36 Consents.

However, should Seagreen be made aware of evidence of significant impacts on lobster stocks associated with the construction of the Seagreen Project, the FMMS would be updated to include a review of appropriate mitigation options for lobster stock enhancement.

3.9.1.1 Cooperation Payment Strategy

At present, there is no accepted standard methodology for quantifying loss or disturbance to creel fishing activity which may occur from offshore construction activities. However, Seagreen will follow standard procedures as outlined in the Fisheries Liaison with Offshore Wind and Wet Renewables Group (FLOWW) guidance (2014; 2015).

FLOWW Best Practice Guidance for Offshore Renewables Developments states: *"If co-existence is not possible, mitigation for disruption and displacement of fishing activity as a result of an OREI [Offshore Renewable Energy Installation] should be considered as the first priority, and commercial compensation should only be used as a last resort when there are significant residual impacts that cannot otherwise be*

mitigated. However, compensation should only be paid on the basis of factually accurate and justifiable claims. There is therefore an obligation upon affected fishermen to provide evidence (such as three years' worth of catch records) to corroborate any claims."

To date, Seagreen have provided cooperation payments to those fishermen who have had to legitimately relocate static fishing gear out of an area during site investigation surveys. To support cooperation agreements that were offered for surveys, in line with FLOWW Guidance, fishermen provided various forms of evidence, as outlined below:

- Plotter information showing gear within the survey area and the total fleets of creels required for removal
- Total number of fleets/ total number of creels per fleet
- Number of fleets in the relevant project area
- Previous two year's Annual Accounts as submitted for tax
- Variety of sales notes for the last six months
- Copy of the last two months monthly shellfish returns
- Copy of fishing licence
- Copy of MCA certificate
- Certificate of British Registry
- Certificate of vessel insurance

3.10 Mitigation Specific to the Scallop Fishery

Seagreen will seek to liaise directly with relevant scallop fishing stakeholders to assess the potential options for supporting investigations into the enhancement of the sustainability of scallop stocks local to the development.

Aspects which will be considered may include, but are not limited to:

- Improvement of scallop stock assessment and fisheries management measures;
- Impact of closed areas to fishing (i.e. MPAs) on scallop populations and potential for spill over effects; and
- Development of sustainable scallop fisheries in the region (i.e. through the Marine Stewardship Council (MSC) certification scheme).

Consultation would also be undertaken with Marine Scotland and the CFWG.

4. Relevant Links

Seagreen will provide regular construction updates and other information on its website

www.seagreenwindenergy.com, including issued Notices to Mariners.

Information on construction activities will also be included in the fortnightly Kingfisher Bulletin, published at <https://www.seafish.org/article/kingfisher-bulletins>.

5. Compliance with the ES and ES Addendum

The relevant conditions of the S36 Consent and the Marine Licences require that the Seagreen Project be constructed in accordance with the construction methods assessed in the ES and ES Addendum and that the mitigation proposed in the ES and ES Addendum are to be delivered. Sections 5.1 and 5.2 set out information from the ES and ES Addendum with regard to:

- Compliance with the parameters assessed; and
- Mitigation and management commitments.

5.1 Compliance with Parameters Assessed in the ES and ES Addendum

The ES and ES Addendum for the Seagreen Project described the range of methods that could be applied during the construction of the Project. This was presented as a 'Rochdale Envelope' incorporating a variety of options in relation to the development design and the approach to installation.

Since award of development consent for Seagreen, the design of the project and the approach to installation has been substantially refined, as set out within this FMMS and in other relevant consent plans. To demonstrate compliance with those methods assessed within the ES and ES Addendum, Appendix C provides a tabulated comparison of project construction parameters and methodologies as presented in the ES and ES Addendum with this FMMS.

5.2 Delivery of Mitigation Proposed in the ES and ES Addendum

The ES and ES Addendum for the Seagreen project detailed a number of mitigation commitments which are of relevance to commercial fishing. These are presented in Appendix D including details of where each commitment is implemented.

A complete register of the mitigation, management and monitoring commitments made in the ES and ES Addendum, required by consent conditions is set out in the commitment's registers included as part of the Project CEMP (LF000009-CST-OF-PLN-0014)

6. References

Table 6.1 sets out those documents for the Seagreen project in relation to either Consent Plans or other reference documents.

Table 6.1 Seagreen Document References

| SWEL Document Number | Title |
|--------------------------|--|
| LF000009-CST-OF-PRG-0002 | Offshore Construction Programme |
| LF000009-CST-OF-PLN-0010 | Offshore Lighting and Marking Plan |
| LF000009-CST-OF-PLN-0007 | Offshore Navigational Safety Plan |
| LF000009-CST-OF-PLN-0004 | Design Specification and Layout Plan |
| LF000009-CST-OF-PLN-0014 | Offshore Construction Environmental Management Plan |
| LF000009-CST-OF-PRG-0003 | Offshore OWFs Environmental Monitoring Programme |
| LF000009-CST-OF-PLN-0009 | Offshore Transmission Assets Cable Plan |
| LF000009-CST-OF-MST-0002 | Offshore Transmission Assets Construction Method Statement |
| LF000009-CST-OF-MST-0001 | Offshore Wind Farm Construction Method Statement |
| LF000009-CST-OF-PLN-0006 | Offshore Vessel Management Plan |

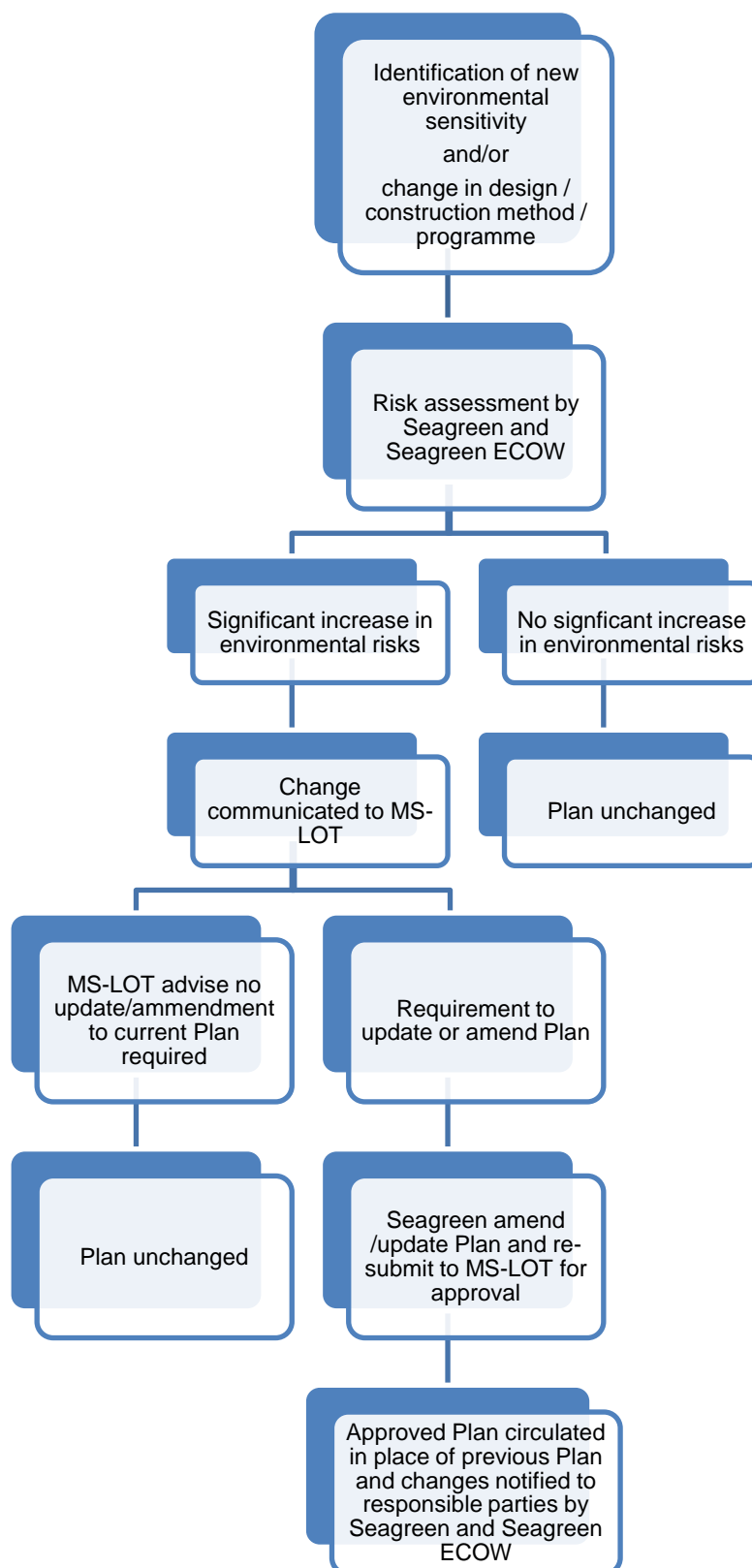
Appendix A – FMMS List of Abbreviations and Definitions

| Term | Description |
|---------------------|---|
| CFWG | Commercial Fisheries Working Group |
| CFMS | Commercial Fisheries Mitigation Strategy (now called the Fisheries Management and Mitigation Strategy (FMMS)), required under Alpha and Bravo Section 36 Condition 31 and the Offshore Transmission Asset Marine Licence Condition 3.2.1.4 |
| CMS | Construction Method Statement as required under Alpha and Bravo Section 36 Condition 11 and the Offshore Transmission Asset Marine Licence Condition 3.2.2.4 |
| (the) consents | Collective term used to describe the Section 36 consents and Marine Licences issued to SAWEL, SBWEL and SWEL |
| Contractor | The contractor as appointed by Seagreen |
| CoP | Construction Programme as required under Alpha and Bravo Section 36 Condition 9 and the Offshore Transmission Asset Marine Licence Condition 3.2.2.3 |
| ECOW | Ecological Clerk of Works as required under Alpha and Bravo Section 36 Condition 29 and the OTA Marine Licence Condition 3.2.2.12. |
| ES | Environmental Statement |
| ES Addendum | Environmental Statement Addendum |
| FIR | Fisheries Industry Representative |
| FLO | Fisheries Liaison Officer (SWEL) as required under Alpha and Bravo Section 32 Condition 29 and the Offshore Transmission Asset Marine Licence Condition 3.2.2.13 |
| FLOWW | Fishing Liaison with Offshore Wind and Wet Renewables Group |
| FMMS | The term used to describe the deliverable required under Alpha and Bravo Section 36 Condition 31 and the OTA Marine Licence Condition 3.2.1.4. Note that the conditions state the requirement for a CFMS which is superseded by the Fisheries Management and Mitigation Strategy. |
| IAC | Inter-Array Cable. The electrical cables that connect the WTGs to the OSPs |
| Licensing Authority | Marine Scotland acting on behalf of the Scottish Ministers |
| LMP | Lighting and Marking Plan, required under Condition 19 of the S36 consent and Condition 3.2.2.14 of the Marine Licence |
| Marine Coordination | The management and surveillance of people, vessels and Offshore structures to ensure the safe preparation and execution of Offshore activities, in order to minimise the probability of an incident, and to provide effective response if an incident does occur |
| Marine Licences | The three marine licences for the Seagreen Project, comprising the Alpha Marine Licence, the Bravo Marine Licence and the OTA Licence, all as granted by the Scottish Ministers under Section 20(1) of the Marine (Scotland) Act 2010 on 10 October 2014 |

| Term | Description |
|--------------|--|
| | and as subsequently varied, in the case of the Seagreen Alpha Offshore Wind Farm Marine Licence and the Seagreen Bravo Offshore Wind Farm Marine Licence, on 29 August 2018 and, in the case of the OTA Marine Licence, on 6 March 2019 |
| MS-LOT | Marine Scotland Licensing and Operations Team |
| NtM | Notice to Mariners |
| OFLO | Seagreen's Contractors are required to appoint Offshore FLOs who will be present on main installation vessels for relevant parts of the Contractors works |
| OTA | Offshore Transmission Asset, comprising the OSPs and the transmission cable required to connect the Wind Farm Assets to the OnTW from the OSPs to the MHWS at the landfall at Carnoustie |
| OTA CaP | Cable Plan as required under the Offshore Transmission Assets Marine Licence Condition 3.2.2.10 |
| OSP | Offshore Substation Platform means an alternating current Offshore substation platform which is a standalone modular unit that utilises the same substructure and foundation design as a wind turbine generator |
| PEMP | OWFs Environmental Monitoring Programme as required under Alpha and Bravo S36 Condition 26 and the Offshore Transmission Assets Marine Licence Condition 3.2.1.1 |
| S36 Consents | Consent under section 36 of the Electricity Act 1989 granted by the Scottish Ministers on 10 October 2014 in respect of the Seagreen Alpha and Seagreen Bravo offshore wind farms, both as varied by the Scottish Ministers by decision letter issued pursuant to an application under section 36C of the Electricity Act 1989 on 28 August 2018 |
| SAWEL | Seagreen Alpha Wind Energy Limited, a company with registered number 07185533 and having its registered office at No1 Forbury Place, 43 Forbury Road, Reading, United Kingdom RG1 3JH |
| SBWEL | Seagreen Bravo Wind Energy Limited, a company with registered number 07185543 and having its registered office at No1 Forbury Place, 43 Forbury Road, Reading, United Kingdom RG1 3JH |
| SSE | Scottish and Southern Energy |
| Seagreen | Seagreen Wind Energy Limited (SWEL), the parent company of Seagreen Alpha Wind Energy Ltd (SAWEL) and Seagreen Bravo Wind Energy Ltd (SBWEL), (company number 06873902) and having its registered office at No.1 Forbury Place, 43 Forbury Road, Reading, United Kingdom, RG1 3JH |
| UKHO | United Kingdom Hydrographic Office |
| VMP | Vessel Management Plan, required under Condition 15 of the S36 consent and Condition 3.2.2.8 of the Marine Licence |
| OWF CaP | Cable Plan as required under Alpha and Bravo Section 36 Condition 18 |

| Term | Description |
|------|-----------------------------|
| WNoO | Weekly Notice of Operations |
| WTG | Wind turbine generator |

Appendix B – FMMS Change Management Procedure



Appendix C Compliance with ES parameters and processes

| Parameter/process | ES | FMMS |
|---|--|---|
| Number of WTGs | Up to 150 | 150 |
| Minimum spacing | 5x rotor diameter) (610m – 835m), ² | 1,042km (excluding any micro-siting) |
| Maximum total inter-array cables (IAC) length | 355 km per OWF | Up to 355 km total |
| Maximum total export cables length | 530 km | Circa 190 km |
| Overall Offshore Construction programme | 4 years | 3.5 years |
| Maximum number of export cables and export cable trenches | 6 | 3 |
| Maximum duration of export cable construction activities | 9 months within a 2 year window | 9 months within a 2 year window |
| Maximum length of array cables unburied and requiring cable protection | Up to 71km | Up to 71km |
| Maximum length of export cables unburied and requiring cable protection | 26.5 km | Circa 19 km |
| Minimum burial depth of IAC and export cables | 0.5 m | Export cables - targeted minimum depth of 1m and maximum depth of 3m Inter array cables - 0.5m |

² Note this figure was revised within the S36 Consents to 1,000m.

Appendix D Summary of mitigation commitments

| Source | Reference (ES Chapter and Paragraph) | Details of commitment | Implementation |
|--------|--|--|--|
| ES | Chapter 5 Project Description (paragraph 5.68) | Consultation with the local fishing interests will be carried out, regarding the deployment of wave buoys, prior to their deployment. Standard marine notification requirements will also be followed. | Consultation with fisheries stakeholders is on-going and will continue throughout the construction and operational phase of the Project (Section 3). |
| ES | Chapter 5 Project Description (paragraph 5.115) | Proposed to maintain an ongoing dialogue with the commercial fishing sector through a working group. | A Commercial Fisheries Working Group (CFWG) has already been established and Seagreen is committed to continue to be a member of the CFWG (Section 3.2.1.5). |
| ES | Chapter 14 Commercial Fisheries (paragraph 14.187) | Working practices will be agreed to achieve any possible reduction in interference. | Consultation with fisheries stakeholders is on-going and will continue throughout the construction and operational phase of the Project. A number of management and mitigation measures have been proposed to minimise interference to fishing activity and facilitate co-existence. These are outlined in Section 3. |
| ES | Chapter 14 Commercial Fisheries (paragraph 14.187) | A construction management plan will be defined in consultation with fishing interests which clearly establishes a protocol for engagement between the Applicant and fishermen | Information on Seagreen's strategy with regards to liaison and engagement with the fishing industry is included in this FMMS (Section 3.2). This includes reference to planned engagement activities |

| | | | |
|----|--|--|---|
| | | throughout the construction period. | of relevance to the construction phase (Table 3.2). |
| ES | Chapter 14 Commercial Fisheries (paragraph 14.187) | <p>In order that the various fishing sectors are appropriately represented, as well as the Applicant and the regulatory body, a Working Group will be established that facilitates the following:</p> <ul style="list-style-type: none"> • Ongoing dialogue between the fishing community and the Applicant throughout the pre-construction and construction phase; • A protocol for the navigation of wind farm construction work vessels to and from the site (i.e. agreement on transit lanes to minimise interference to fishing activities); • Established procedures in the event of interaction between wind farm construction and fishing activities (i.e. claims for lost and/or damaged gear); and • Protocol for removal of seabed obstacles post-construction. | <p>The CFWG has already been established and Seagreen is committed to continue to be a member of the CFWG (Section 3.2.1.5).</p> <p>Consultation with the fishing industry is on-going and will continue throughout the construction and operational phase (Section 3.2).</p> <p>Protocols will be established with regards to the navigation of wind farm construction work vessels. These are described in the VMP (See Section 3.6).</p> <p>Procedures with regards to potential interactions between wind farm infrastructure and fishing gear are outlined in Section 3.8 of the FMMS. In addition, an example of a loss of gear/damage to gear claim form is included within Appendix E of the FMMS.</p> <p>Information on proposed procedures with regards to seabed obstacles such as dropped objects is provided in the Offshore CEMP as referenced in section 3.5</p> |

| | | | |
|----|---|--|--|
| ES | Chapter 14 Commercial Fisheries (paragraph 14.188) | Array cables will be buried to a target depth of between 0.5 and 2 m, where it is technically practicable to do so, which will reduce the risk to fishing vessels from snagging. In instances where adequate burial cannot be achieved, appropriate cable protection will be used. | As outlined in the OWF and CMS inter-array cables will be buried to a minimum depth of 0.5 m) and protected where adequate burial cannot be achieved. The specifications of cables, the burial risk assessment and the cable installation process is described within the OWF and OTA Cable Plans (CaPs) (LF000009-CST-OF-PLN-0008 and LF000009-CST-OF-PLN-0009). |
| ES | Chapter 14 Commercial Fisheries (paragraph 14.189 and 14.223) | Consultation with the fishing industry and relevant stakeholders will be ongoing in the pre-construction phase to ensure that all safety risks to fishing vessels during the construction phase are brought within acceptable limits. | Consultation with the fishing industry is on-going and will continue throughout the construction and operational phase (Section 3.2). Details with regards to Seagreen's approach to navigational safety are included within the Navigational Safety Plan (NSP, LF000009-CST-OF-PLN-0007). Any cables installed will be notified to Kingfisher Information Services and Cable Awareness (KISCA) for inclusion in cable awareness charts and plotters for the fishing industry. The location of project infrastructure including cables will be provided to the United Kingdom Hydrographic Office (UKHO) for inclusion on Admiralty Charts. |

| | | | |
|----|---|--|--|
| ES | Chapter 14 Commercial Fisheries (paragraph 14.190) | All infrastructure installed during the construction phase will be marked and lit, in line with standard industry practice and as further described in Chapter 15: Shipping and Navigation. | A Lighting and Marking Plan (LMP) (LF000009-CST-OF-PLN-0010) will be implemented. |
| ES | Chapter 14 Commercial Fisheries (paragraph 14.190) | The information will be distributed to fishermen through the agreed channels, as defined in the construction management programme. | Information on Seagreen's strategy with regards to liaison and engagement with the fishing industry is included in this FMMS (Section 3.2). This includes reference to planned engagement activities of relevance to the construction phase (Table 3.2). |
| ES | Chapter 14 Commercial Fisheries (paragraph 14.222) | Export cables will be buried to a target depth of between 0.5 and 3m, where it is technically practicable to do so, which will reduce the risk of fishing vessels from snagging. In instances where adequate burial cannot be achieved an appropriate cable protection will be used. | As outlined in the OTA CMS export cables will be buried to a target minimum depth of 1.0 m) and protected where adequate burial cannot be achieved. The specifications of cables, the burial risk assessment and the cable installation process is described within the OWF and OTA Cable Plans (CaPs) (LF000009-CST-OF-PLN-0008 and LF000009-CST-OF-PLN-0009). |
| ES | Chapter 14 Commercial Fisheries (paragraph 14.255, 14.276, 14.277 and 14.278) | In addition, to the mitigation measures described for the construction phase, dialogue between the fishing industry and the Applicant will be ongoing throughout the operational phase. It is | The CFWG has already been established and Seagreen is committed to continue to be a member of the CFWG (Section 3.2.1.5). |

| | | | |
|----|--|---|--|
| | | <p>anticipated that the CFWG will provide a forum for ongoing operational engagement, including:</p> <ul style="list-style-type: none"> • Protocol for the navigation of wind farm operation and maintenance vessels to and from the site (i.e. agreement of transit lanes to minimise interference to fishing activities); and • Established procedures in the event of interactions between wind farm operation activities and fishing activities (i.e. claims for lost and/or damaged gear). | <p>Consultation with the fishing industry is on-going and will continue throughout the construction and operational phase (Section 3.2).</p> <p>Protocols will be established with regards to the navigation of wind farm maintenance work vessels. These are described in the VMP (See Section 3.6).</p> <p>Procedures with regards to potential interactions between wind farm infrastructure and fishing gear are outlined in Section 3.8 of the FMMS. In addition, an example of a loss of gear/damage to gear claim form is included within Appendix E of the FMMS.</p> |
| ES | Chapter 14 Commercial Fisheries (paragraph 14.226) | <p>The impact arising from the temporary loss or restricted access to fishing grounds during the installation phase³ for the crab and lobster fishery remains moderate at this point, as does the associated displacement of activity, which is significant in EIA Regulations. Consultation will be ongoing with relevant fishing interests to ensure that these impacts can be reduced to within acceptable limits.</p> | <p>Management and mitigation measures of relevance to the lobster and crab fishery are outlined in Section 3 of the FMMS. In addition to measures applicable to all fisheries, for the lobster and crab fishery consideration has been given to the implementation of a cooperation payment strategy. This will follow an evidence-based approach (Section 3.9.1)</p> |

³ Intallation in this context relates to the the installation of export cables.

Appendix E Example of Compensation Claim Form

COMPENSATION CLAIM FORM

Claim for compensation for damage or loss of fishing gear, loss of fishing time, or damage to vessel by offshore renewable activity

Official Use Only

Ref. No.

Operator

Block
No.**SECTION 1: To be completed by the Skipper****1.1 Vessel Information:**Name of
Vessel

Registration No.

Name and
Address of
SkipperName and
Address of
Owner/AgentName of
person on
watch

Crew name(s)

1.2 Incident Information:

Date of Incident

Type of Fishing
in which
engaged

Time of Incident

e.g. Creels /
Trawl

**Nature of
Incident**

e.g. how the
incident
occurred, how
the skipper /
crew
responded,
attempts made
to retrieve gear.

Please complete either section A or B depending on gear type used:

A) Non-static Gear

| | | |
|-----------------------|------------|----------------------|
| Start of Tow | Latitude: | Direction of Tow (°) |
| DD°MM.M' | Longitude: | Speed of Tow (kn) |
| End of Tow | Latitude: | Wind Force (mph) |
| (position snagged) | Longitude: | Wind Direction (°) |
| DD°MM.M' | | |

B) Static Gear (coordinates of all gear lost / damaged)

| | | |
|------------|---------------------|--------------------|
| Conditions | Wind Force (mph) | Wind Direction (°) |
|------------|---------------------|--------------------|

Number of
fleets

Fleet lengths

Number of
pots per fleet

| | Start Position (DD°MM.M') | End Position (DD°MM.M') |
|----------------|-------------------------------------|--------------------------------|
| Fleet 1 | Latitude: | Latitude: |
| | Longitude: | Longitude: |
| Fleet 2 | Latitude: | Latitude: |
| | Longitude: | Longitude: |

| | | | | | | |
|--|-----------------------------|------------|----------------|------------------|-----------------------------|-----------------------------|
| Fleet 3 | Latitude: | Latitude: | | | | |
| | Longitude: | Longitude: | | | | |
| If more than 3 fleets were used please add details here: | | | | | | |
| Number and description of surface markets used: | | | | | | |
| 1.3 Details of implicated party (if available): <table> <tr> <td>Name of Vessel</td> <td>Registration No.</td> </tr> <tr> <td>Name and Address of Skipper</td> <td>Name and Address of Company</td> </tr> </table> | | | Name of Vessel | Registration No. | Name and Address of Skipper | Name and Address of Company |
| Name of Vessel | Registration No. | | | | | |
| Name and Address of Skipper | Name and Address of Company | | | | | |

Evidence to support
this party caused
the damage

Where can the
debris be inspected

Photographs
attached?

(Yes/No)

AIS information attached?

(Yes/No)

Any other evidence
to support damage
or loss. Please add
all relevant
evidence

| | |
|---|--|
| | |
| 1.4 Supporting evidence of vessels witnessing the incident: (if none write "NONE") | |
| Name of Vessel(s) | Statement(s) are: (attached or to follow) |
| 1.5 Details of Damaged Gear: | |
| Full details of vessel damage or gear damaged: | |

| | | | | |
|--|---|--|---|--|
| | | | | |
| <p>Value of replacement or repairs (excluding VAT)</p> <p>Loss of fishing time</p> <p>Fish lost/dumped due to contamination</p> <p>1.6 Details of Lost Gear:</p> | <p>Fishing gear:</p> <p>Vessel damage:</p> <p>Hours:</p> <p>Quantity:</p> | <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-right: 5px;"></div> </div> | <p>Value:</p> <p>Value:</p> <p>Total:</p> | <div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px;"></div> |
| <p>Full details of vessel damage or gear lost:</p> | | | | |

| | | | | |
|---|--|------------------------------------|------------------------------|--|
| | | | | |
| Value of replacement or repairs (excluding VAT) Loss of fishing time Fish lost/dumped due to contamination | Fishing gear: Vessel damage: Hours: <input style="width: 50px; height: 30px;" type="text"/> Quantity: <input style="width: 50px; height: 30px;" type="text"/> | Value: Value: Total: | £ £ £ £ | |
| 1.7 Details of Insurance: The following details of the vessel's Hull and Machinery Insurance are required if part of this claim relates to damage to the vessel | | | | |
| Insurer | Hull Excess | £ | | |
| Policy No. | Machinery Excess | £ | | |

Documentation:

Fishermen should provide evidence, where possible, of e.g. fishing licence, MCA safety cert, photo plotter, photos of damage gear, original receipts from gear purchase. If claiming loss of earnings, please provide evidence of e.g. sales notes for time of year and accounts.

Please list all documents included with this claim form:

1.7 Declaration of Skipper:

I hereby certify that the details provided by me in this claim forms are, to the best of my knowledge, true and accurate

Signed Print Name Date

SECTION 2: To be completed by the Inspector for Fisheries/Fishery Officer

The above statement was given to me at _____ Fisheries Office, and I have/have not been shown evidence (including but not limited to, damage to gear, vessel, debris etc.) which appears to be consistent with the statement in Section 1, subject to the following observations: -

Signed Print Name Date

SECTION 3: To be completed by the Inspector for Fisheries/Fishery Officer**3.1 Verification of Earnings**

Vessel Name and PLN

Voyage Commence: Date and Time

Voyage End: Date and Time

Fishing Operation: Commence Date and Time

Fishing Operations: End Date and Time

Total Hours of Fishing Operations

Gross Earnings for trip £

ICES Rectangle(s) where vessel fished

Gear type of vessel

| | | | |
|---|-------------------------------------|---------------|---------------|
| Mesh Size (if applicable) | | | |
| Average Daily Earnings for trip | | £ | /day |
| Average Daily Earnings not including day of damage | | £ | /day |
| Average Daily Earnings for vessels of same class/gear/area during the same period | | £ | /day |
| Number of Vessels used for average. | | | |
| Signed | Print | Name | Date |
| Designation | Official Stamp: | | |

SECTION 4: To be forwarded to relevant developer of contractor, by owner, agent, or Fishery Officer as appropriate

Please enter address of developer or contractor: