

Meeting Actions

Project Name	FLOWW
Name of Meeting	Minutes of Fishing Liaison with Offshore Wind and Wet Renewables Group (FLOWW)
Meeting Venue	Conference Room at The Scottish Government, Victoria Quay, Edinburgh. EH6 6QQ.
Date & Time of Meeting	10.30am on Thursday 13 th July 2017

Chair of the Meeting	Colin Warwick (Chair)
Names of the Attendees	<ul style="list-style-type: none"> ▪ Harriet Nicholls (HN) ▪ Nick Salter (NS) ▪ Bruce Buchanan (BB) ▪ Graham Farrant (GF) ▪ Matthew Frow (MF) ▪ Rosie Scurr (RS) ▪ Hywel Roberts (HR) ▪ Jess Campbell (JC) ▪ Caitlin Long (CL) ▪ Dale Rodmell (DR) ▪ Craig English (CE) ▪ David Tarrant (DT) ▪ Ellie Noble ▪ Eleanor Noble (EN) ▪ Peter Lawson (PL) ▪ Mike Corney (MC) ▪ Andronikos Kafas (AK) ▪ Rosie Scurr (RS) ▪ Holly Best (HB) ▪ Annie Breaden (AB) ▪ Malcolm Morrison (MM) ▪ Ben Franks (BF) ▪ Ian Rowe (IR) ▪ Tom Rossiter (TR) ▪ Paul Carter (PC) (<i>by phone</i>)

Item	Notes	Action	Due Date
1.0	<p>WELCOME AND INTRODUCTION</p> <p>The Chair welcomed everyone and round-table introductions were given.</p> <p>ACTION: FLOWW to send a letter of thanks to John Watt for his contribution to FLOWW</p>	FLOWW secretariat	August 2017
2.0	<p>Cables Sub Group update and discussion (15mins)</p> <p><i>Dale Rodmell, NFFO</i></p> <ul style="list-style-type: none"> • Cables text – still a working draft, two main areas to complete: relationship between cables and OFTOs, and section on mitigation measures. Proposed that should it be added to the BPG as a new chapter <p>ACTION: Teleconference with the working group to discuss and then have the amendments ready as a finished article for the next meeting</p> <ul style="list-style-type: none"> • Text on snagging protocol can be put into an annex or be slotted in to the existing section in the BPG • Cable cutting and marked ends – not specifically addressed by the sub-group yet, need to understand what the licensing requirements are before can start to agree and promote best practice (see agenda item below) <p><i>Some discussion followed on cable cutting, marking cut ends, and clumping – covered below under agenda item 5</i></p>	DR	Next FLOWW meeting

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3.0	<p>Succorfish presentation and discussion (45mins) <i>Tom Rossiter, Succorfish</i></p> <p>Overview of Succorfish</p> <p>Key issues:</p> <ul style="list-style-type: none"> • No data for the under 12m vessels – practically invisible • Lack of trust – between developers and fishermen • Fishermen just want to fish • Succorfish a way of gathering the evidence required to feed into constructive engagement <p>DATA – who, what, where, when, how and why?</p> <ul style="list-style-type: none"> • Basic device – same footprint as iphone, military & marine standard, GPS accurate to 2m. Data is encrypted (security for fishermen) • Wireless sensors for the gear so can tell when it's deployed/retrieved • Solar power – self-sustaining power supply • Reports every 10mins roughly • Flexible, low maintenance, low cost <ul style="list-style-type: none"> • Supporting app has been created as an 'online diary', so fishermen can build up digital record of catches, any invasive non-native species caught etc. • Data can be transferred from Succorfish server to other servers... with the fisherman's permission. • Allows an individual profile to be built – over time can track where gear has been used in the past. Data is not cyclical... data is for the time specified. • Even with the data will need fishermen to help clarify the patterns and interpret the data. <p>ACTION: HN to send out presentation to FLOWW group with mins.</p> <p>Dialogue is still key... can't have data without dialogue</p>	HN	ASAP
4.0	<p>Scotland Update and next steps (25mins) <i>Annie Breaden, CES and Bruce, Marine Scotland</i></p> <ul style="list-style-type: none"> • Crown Estate Scotland (CES) was officially established 1st April 2017 – to manage Crown assets in Scotland. • Report to Scottish ministers and profits paid to Scottish Government. • Responsibilities are the same; the 1961 Act still governs the work CES can do. • Interim organisation – continue to operate for the next 2-3 years • Responses to the Scottish Govt.'s consultation on longer term management are now online; anticipate Scottish Govt. to update how CES works and then 1961 Act will fall away in Scotland. 		

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	<p>Marine Scotland Update</p> <ul style="list-style-type: none"> David Mallon has taken the lead in Marine Scotland for Crown Estate Scotland. Consultation 212 responses – expect to lay a Bill at the end of the calendar year Crown Estate Advisory group – meetings are being held <p>ACTION: Question about TCE website- will FLOWW still be hosted on TCE website...? YES, but will hope to update the FLOWW page. Look at linking CES to the FLOWW page.</p> <p>ACTION: AB to check on the Scottish licenced area GIS data</p>	<p>HN and CES</p> <p>AB</p>	<p>Next FLOWW meeting</p> <p>Next FLOWW meeting</p>
5.0	<p>Cables cutting guidelines – Marine Licences (20mins) <i>Ellie Noble, MMO</i></p> <p>Merlin Jackson raised cable cutting as an issue at the previous FLOWW meeting, in light of recent experience of Thanet Fishermen’s Association. Perhaps something that could input to the BPG? Need to understand legislative requirements, current guidance and best practice.</p> <p>ACTION: Agenda item at the next FLOWW meeting around cable cutting</p> <ul style="list-style-type: none"> Oil and gas pipelines – might be worth looking at what is done in the O&G sector, e.g. they have a certain obligation when cutting pipelines <p>ACTION: MM to look into this and see what the best practice is.</p> <ul style="list-style-type: none"> Some discussion on requirement to notify TCE of cut cables – does this always happen? Practice of ‘clumping’ cut ends – comes from ICPC guidelines (based on telecoms cables) to try and keep the seabed reasonably tidy, relatively lightweight cables that would drift around if cut and just left. Best practice guidance at the time... Should we also be looking at decommissioning guidelines? Is clumping actually the best way of dealing with these cut cables? Bringing up the cable to the surface poses the biggest problem because they have to be dragged out and exposed - is there a way that cables could be cut in situ, perhaps closer to the new cable route? Need to understand pros and cons of different approaches. Snagging on cables – no standardised format for communicating where the actual end are. <p>AGENDA ITEM AT NEXT MEETING: Options and methods of cutting cables. Someone from ESCA to come and give a presentation next meeting. Does Oil and gas have transferable technology and could this be fed into the debate.</p>	<p>HN</p> <p>MM</p> <p>HN</p>	<p>Next FLOWW meeting</p> <p>Next FLOWW meeting</p> <p>Next FLOWW meeting</p>

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	<p>ACTION: HR to chat to DONG engineers about what DONG do in such situations.</p> <p>Ellie Noble is now the FLOWW representative to ensure MMO continuity.</p> <ul style="list-style-type: none"> Feedback on issue raised by MJ at last meeting, has looked into the case. Greater Gabbard cables were cut under an old licence (October 2009) - no requirements under this licence for the positions of the marked end to be stored. MMO have been in touch with the developer, who will be looking through archived data to try and retrieve and share these coordinates. EN will keep following up with this issue... needs to be updated. Recently – Gabbard issued new licence (maintenance and construction) with condition to report cut ends. Going forward, will be a standard conditions for all O&M and construction licences that the licence holder in cooperation with local FLO must produce chart showing the position of the cut ends, provide contact details for the FLO and a reporting procedure for any snags. Doesn't seem to be strategic overview of when cables should be cut 	HR	Next FLOWW meeting
	<p>ACTION: EN to share draft new licence condition relating to cable cutting.</p>	EN	Asap
	<p>ACTION: Agenda item at next meeting ensuring EN will be available to attend and be part of the discussion.</p>	EN	Next FLOWW meeting
	<p>ACTION: EN to look into whether MMO Planning team has considered this potential issue in relation to navigational risk arising from development of OW if there has been any navigational input into the planning areas.</p>	EN	Next FLOWW meeting
	<p>ACTION: JC to chat to NRW Licensing – similar marine licence requirement in Welsh waters?</p>	JC	Next FLOWW meeting
	<p>ACTION: Marine Scotland licencing (through BB) and MMO (EN) to discuss alignment re cable cutting licence conditions</p>	EN/BB	Next FLOWW meeting
6.0	<p>SpORRAn – Fish and Fisheries Specialist Receptor Group <i>Update and discussion (slides to be circulated with mins)</i> Andronikos Kafas, Marine Scotland</p> <ul style="list-style-type: none"> Group working on identification of issues and research needs, what's being done / is being done, evidence gaps and prioritisation of these Drawing up evidence maps in the next few weeks and then will have a workshop with developers (1st Nov) to agree this map and identify if anything's been missed. Want to be beyond just Scotland – looking at knowledge gaps SFF expressed some issues surrounding the evidence groups and their ability to get involved; ; MS need to balance number of people in each receptor group, but hope that 		

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	<p>appropriate links are made between groups so e.g. SFF fisheries issues can feed into marine mammals group, benthic ecology issues etc.</p> <ul style="list-style-type: none"> • Should be finalising evidence maps by Christmas 2017 • Policy briefs – also producing one pagers as a quick information source <p>ACTION: HN to send slides to the FLOWW group with minutes.</p> <p>What is it that SpORRAn wants from FLOWW?</p> <ul style="list-style-type: none"> • AK keen that groups like FLOWW help feed in issues that aren't just restricted to Scotland; make use of collective experience and knowledge • Consider using FLOWW more a more structured feedback session, take advantage of attendees' presence for a meeting? • AK would like to share draft with FLOWW group for feedback/further ideas • <p>ACTION: AK to share draft evidence map via FLOWW</p> <p>ACTION: FLOWW members to send any comments directly to AK</p> <ul style="list-style-type: none"> • Question on implications of Brexit – have they focused the political climate and the potential benefits around leaving the EU? • Observation that communication is key and needs to be maintained • Smaller groups are more beneficial for organisation & focus, just need to make sure that findings are made available and opportunities to provide feedback. <p>ACTION: Consider allocating time at the next FLOWW meeting to have a round table brain storming session for the SpORRAn FFSR group.</p>	<p>HN</p> <p>AK</p> <p>FLOWW members</p> <p>HN</p>	<p>Asap</p> <p>When ready (As directed by AK)</p> <p>Next FLOWW meeting</p>
7.0	<p>FLOWW Group – Contact list and discussion (20 mins) <i>Harriet Nicholls, FLOWW Secretariat, TCE</i></p> <p>ACTION: HN to send out the contact list update ACTION: FLOWW group to send through updates and suggestions, e.g. highlight any obvious gaps – BEIS etc.</p>	<p>HN</p> <p>FLOWW members</p>	<p>Asap</p> <p>Next FLOWW meeting</p>
8.0	<p>UPDATES</p> <p><u>BPG liaison update</u></p> <ul style="list-style-type: none"> • Due an update on liaison as it is dated Jan 2014 – links to be updated, names of organisations etc. <p>ACTION: JC and HN to go through the guidelines and update the links etc.</p> <ul style="list-style-type: none"> • Need to update with the cables sub group wording when ready (next FLOWW meeting) • Anticipate only minor changes with exception of the cables chapter 	<p>JC</p>	<p>Ongoing</p>

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	<p>ACTION: FLOWW group need to let us know if there is anything that they see as being a priority or outdated! Send feedback through via email.</p> <p>Suggestions for updates/new content:</p> <ul style="list-style-type: none"> • Extra section on marking static gear – useful page on MMO website, pull points from this (• Safety zone issues. Make sure aligns with recent discussions at NOREL and FLOWW. Already a section in the BPG but maybe just need to edit and ensure that it aligns. New text on enforcement, what happens when there is a breach and who deals with that. • Disruption settlements and community benefits guidance – merge with what’s already there, expand the chapter? Need some discussion of operation issues; principles for collaboration with fishermen once construction is completed • Check status of guidance on guard vessels – standards, requirements etc. • JC happy to make start drafting new text/small sections but likely will need input; may need to form small working groups. Will approach FLOWW members for assistance with relevant content, then can get wider input at next meeting. 	FLOWW members	End August
	<p>ACTION: JC to look through safety zone enforcement section; pull together MMO text on static gear marking; consider new operational section for disruption settlements; guard vessel guidance. Draft text for next FLOWW meeting.</p> <p>Notice to Mariners</p> <ul style="list-style-type: none"> • Guidance note still a work in progress – superseded by UKHO/MMO/MCA discussion on internal MMO guidance. • RUK also updating their best practice guidance. • Need to ensure that FLOWW’s guidance note fits in with the other guidance. • Propose to finalise and publish as a standalone guidance note, then slot into BPG as part of its update • Statutory legal requirement safety zone should potentiality be put in. • 	JC	Next FLOWW meeting
	<p>ACTION: JC to send the NtM to EN so that she can cross reference with any internal MMO guidance.</p>	JC	Next FLOWW meeting
	<p>ACTION: JC to aim to finalise the NtM note in advance of next FLOWW meeting</p>	JC	Next FLOWW meeting
	<p>Floating Wind</p> <ul style="list-style-type: none"> • Standing agenda item – Not much to update this time round, although report from NERC/ORE Catapult floating wind workshop has been published. Useful to share link to the report to the wider FLOWW group. 		
	<p>ACTION: HN to distribute workshop report out to the wider FLOWW group</p>	HN	With minutes

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	<ul style="list-style-type: none"> Need a piece at a meeting to keep up to date and ensure that we input into the beginning of that process – proactive Could make a recommendation from FLOWW, e.g. site selection – consider how can FLOWW get involved with site selection? <p>ACTION: FLOWW group to read the report from workshop and bring talking points to the next FLOWW meeting</p> <p>ACTION: BB to keep FLOWW updated in relation to Marine Scotland and floating wind</p>	<p>FLOWW members</p> <p>BB</p>	<p>Next FLOWW meeting</p> <p>Next FLOWW meeting</p>
9.0	<p>“Notice Board”</p> <p>Pre-requested topics:</p> <ul style="list-style-type: none"> NOREL – John’s replacement has a similar background – Malcolm to ask if he is happy to take over FLOWW representation on NOREL. UXOs – an agenda item at the next meeting <ul style="list-style-type: none"> Handling the dealing with unexploded ordinance – level of activity. Currently there is no discussion on the impact on the fishing industry. – another pressure Damage it has on the seabed and the intensity of the activity. MCA to present at the next meeting. <p>ACTION: Add UXOs to agenda for next meeting</p> <ul style="list-style-type: none"> Renewable conference in April in Wales about fisheries and tidal lagoon <ul style="list-style-type: none"> Maybe have an agenda item at a future FLOWW meeting. <p>ACTION: AK to send through link to the presentations.</p> <ul style="list-style-type: none"> European project that MS are involved in – muses – about coexistence. MS have been feeding in experience from FLOWW <ul style="list-style-type: none"> Event in April 2018 – fisheries in Marine spatial planning Maybe useful to have a FLOWW presentation on the work of the group? <p>ACTION: HN to circulate the event to the FLOWW members</p> <ul style="list-style-type: none"> Displacement study <ul style="list-style-type: none"> ACTION: TCE and NFFO to keep FLOWW updated on the second phase study (still in draft form, action on TCE to progress). 	<p>HN</p> <p>AK</p> <p>HN</p> <p>JC</p>	<p>Next FLOWW meeting</p> <p>After meeting</p> <p>With minutes</p> <p>Ongoing</p>
10.0	<p>AoB</p> <p>FLOWW going forward</p> <ul style="list-style-type: none"> Current funding, chair and management by TCE, need to consider longer term arrangements, perhaps set the case out for others to get involved in keeping it running Need to be proactive – inviting CW as chair was an interim arrangement, now need to have a structure that works in the future. Perhaps need to form a small team / sub-group to consider options and make recommendations 		

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	<p>ACTION: TCE (JC and HN) and CES (AB) to look at FLOWW and make a recommendation to the group about best way to future manage the FLOWW group. For discussion at next FLOWW meeting.</p> <p>Other</p> <ul style="list-style-type: none"> • Some concern was raised about various windfarm developers employing vessels as guard vessels that are not local; local vessels displaced by construction are losing out. <ul style="list-style-type: none"> – Should local vessels be used? – Developers often have to comply with strict European procurement laws – Licence conditions – do they have a requirement to use local vessels? – MCA do not get involved in commercial interest but just look at vessel standards. – Feedback to NFFO by a developer that single propeller vessels are no longer allowed to be guard vessels for commercial wind farms. IR has an email from windfarm saying after discussion with the MCA there are new standards for guard vessels. – Observation that requirements can change and there needs to be an open tender process. – BPG state that as part of mitigation there is a need for the developer to consider employing local guard vessels 	HN/JC/AB	Next FLOWW meeting
	<p>ACTION: JC to look through the guard vessel section in the BPG</p>	JC	Next FLOWW meeting
	<p>ACTION: NS to check the MCA specification for guard vessels.</p>	NS	Following meeting
	<p>NEXT meeting on 29th November 2017 in London</p>		