Meeting Actions

Project Name	FLOWW
Name of Meeting	**Minutes of Fishing Liaison with Offshore Wind and Wet Renewables Group (FLOWW)**
Meeting Venue	Board Room at 16 New Burlington Place, London. W1S 2HX.
Date & Time of Meeting	*10.30am on Monday 16th March 2017*

Chair of the Meeting	Colin Warwick (Chair)
Names of the Attendees	▪ Harriet Nicholls (HN) ▪ Nick Salter (NS) ▪ Bruce Buchanan (BB) ▪ Alastair Byford Bates (ABB) ▪ Merlin Jackson (MJ) ▪ Graham Farrant (GF) ▪ Matthew Frow (MF) ▪ Jon Walters (JW) ▪ Rosie Scurr (RS) ▪ Hywel Roberts (HR) ▪ Jess Campbell (JC) ▪ Caitlin Long (CL) ▪ Dale Rodmell (DR) ▪ Mark Pearce (MP) ▪ Peter Moore (PM) ▪ Eleanor Noble (EN) ▪ Celia Ghoshroy (CG) ▪ John Watt (JW)

Item	Notes	Action	Due Date
1.0	**WELCOME AND INTRODUCTION** The Chair welcomed everyone and round-table introductions were given.		
2.0	Notice to Mariners**, Jess Campbell (The Crown Estate)** *(Update of the NtM note that JC has pulled together)* JC to add in comments after the meeting and send around to the group with Hywel's comments included. • Plan to slot NtM guidance into BPG – until then can have as a standalone note • Renewable UK guidance seems at odds with the NtM briefing note – 2013 – need to check status of RUK • NtMs should be 1-2 pages max • Should check that this complies with UKHO guidance **ACTION:** contact UKHO to look over and make comments Things to consider: • Fisheries Liaison Officers – we don't want to give them more work than necessary • Each site and developer is specific • NtMs should contain the relevant risks – Photos – should they be in or not? Are they useful? • Shouldn't confuse the reader • Imagery and charts should be linked together with the notice • Hazards – needs to be clearly marked • What are the weekly notices? And how do they sit with the NtM? • Don't want to rely on including links as the internet is not always available to the fishermen – Contact details are much more useful • Danger is that all mariners get swamped with information that	JC	Next FLOWW meeting

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	they do not need • NtM needs to target the appropriate audience		
	ACTION: Matt Frow to add comments	MF	ASAP
	• Useful to add an example of what a NtM should look like – Helen Jamison at Vattenfall had previously offered to provide an example		
	ACTION: Vattenfall to provide example NtM	HJ	ASAP
	ACTION: Circulate the an updated NtM note (with collated comments – aim to get this signed off before next FLOWW meeting	JC	When ready
	ACTION: HN to look into how TCE SSLs can point people in the right direction with NtM	HN	Next FLOWW meeting
3.0	**Scotland Portfolio Update, Jess Campbell (15mins)** **The Crown Estate Scotland Update - From the 1st April 2017 management of assets in Scotland will be transferred to an independent public body: Crown Estate Scotland (Interim Management)** – Crown Estate Scotland is a separate body to The Crown Estate – Scottish government has been consulting on the permanent management arrangements going forward. Logistics – Email addresses to change for staff in Scotland (…@crownestatescotland.com) – emails sent to old address will still be forwarded for a while – Management of FLOWW – TCE happy to continue to hold responsibility for now while longer term arrangements agreed; however expect we'll have attendance from Crown Estate Scotland – Maybe next meeting to happen in Scotland – still pending Question raised about Seabed Survey Licenses (SSLs) in Scotland – Will need to get permission from both entities. This will mean getting an SSL from TCE and then also one from the Scottish estate.		
4.0	Presentation by **Paul Catterall**, **The Crown Estate** *Tidal Range and the Hendry Review* • The Crown Estate are active in the tidal range market looking at what is potentially coming up. Tidal Lagoon Power – this developer's Tidal Lagoon Swansea Bay scheme is **a** 320MW development, first in the world, hasn't been done before in this kind of setting. Received DCO in Sept 2015 but waiting for a Marine Licence decision from NRW. **Hendry Review**		

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	• Government commissioned a review of the potential for tidal range in the UK • Undertaken by around 6 civil servants • Major question asked – Could Tidal Lagoons play a cost effective role in the UK energy mix? – How big do they need to be? – Scale of the opportunity – Competitive framework options to make them economically viable TCE role as a stakeholder; fed in evidence to the review. Review took ~ 9 months; report was released on January 16th 2017 • Number of high-level recommendation made, including that Swansea bay should be a 'pathfinder' project. • Report did not cover the environmental impacts in detail • Consideration about how much subsidy would make tidal lagoons economically viable • Government still need to make a statement on the report… TCE considering what additional work is required to improve understanding of and impacts of tidal lagoons - and what role TCE could play. Expecting in next few months Govt will come back and respond to the Hendry report - and respond on whether principally they want to back a pathfinder scheme. Report available online – https://hendryreview.wordpress.com/		
5.0	**Cables Sub Group update and discussion** Dale Rodmell, NFFO No wording yet to show to the FLOWW group – Slow progress Looking at currently • Relationship with OFTO - pre and post-consent • Cable mitigation measures in relation to fisheries, planning, installation, surveys etc. • Trawl ability sweeps, past construction bathymetry and video surveys – E.g. concerns that trawl sweep encourages fishing on cables – To what extent do trawl surveys do more than bathymetric surveys? – Common circumstances where trawl survey applies – Where work is currently: First draft of the text developed, OFTO content still in note form • Full draft text to be ready for next meeting • OFTO content needs some more work – who can write it? HJ from Vattenfall had previously volunteered, need to check she's still able to fit this in. **ACTION:** DR to check that all in the Cables Sub-Group have enough time to deliver required outcomes.	DR	Next cables sub-group meeting

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	Preference is for text to be slotted into BPG as a new chapter to the BPG (rather than sections slotted in throughout) – lots of information on specific issues/meaning for industry.		
6.0	**SpORRAn – Fish and Fisheries Specialist Receptor Group** *Update and discussion (slides to be circulated with mins)* Bruce Buchanan, Marine Scotland Evidence Map - Still pulling the map together • Need to know what's been done and what needs to be done? • Prioritise the evidence gaps? • How do we do this? **ACTION:** BB /AK Share evidence map when ready to get opinions and views. **ACTION:** Update at the next FLOWW meeting – when website available Data • Going to come from many sources • Succorfish – MJ has 15 vessels on Succorfish = good gear • How can we share the data? – Most data is owned by the fishermen. – Can be funded with help of the developer – Lessons learnt from Succorfish in Orkney: ▪ Need a back-up system ▪ Spare unit to use as a back-up. • Socio-economic group – Maybe have a broader group. Disturbance • Developer representation on the group – Scottish renewables • Mainstream is no longer part of Scottish Renewables **ACTION:** BB to take this to AK	BB/AK BB/AK BB	When ready Next FLOWW meeting ASAP
7.0	**UPDATES** **BPG liaison update** No updates **Floating Wind** No updates		
8.0	**"Notice Board"** **Update to the MAS app** – *Alastair Byford-Bates, Wessex Archaeology* • Marine finds app – new feature can now identify fishermen • Need a better emailing system to ensure that the auto generated forms were going to get signed • Over 100 finds = good		

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	Old Cables Cutting and the protocol/best practice – *Merlin Jackson, Thanet Fishermen's Association* • Fishermen want to know where the cut ends were put – The cables get cut them either side of the cable corridor are weighted and then dropped back onto the seabed. • Is it not a licence condition to log where cables are cut and then weighted to put back down? • The cables are brought to the surface you then have to put back on the bottom – – Do they require a TCE licence? – Do they remove the debris? • Lessons could be learnt from the Oil and Gas industry as this technique is also used. • No guidelines – Need to have a set of international guidelines or ICPC guidelines • No clarity of what was used as a weight or where the cut cables were put back…		
	ACTION: MJ to speak to Paul Tiak at the MMO – who from Marine Licencing team would know about this?	MJ	ASAP
	ACTION: EN will chase the Gabbard MMO case officer to try and establish what has happened at that end. • Who would be responsible? Do TCE have any responsibility? – Nemo is about to undertake the same sort of thing	EN	ASAP
	ACTION: HN to speak to Alice about this situation and responsibility…	HN	ASAP
	• Decommissioning and the change of ownership – would the cutting of cables change the owner/responsibility		
	ACTION: MF to send through contact	MF	ASAP
	iVMS and the Succorfish project – *Harriet Nicholls brought up on behalf of Jim Evans, Welsh Fishermen's Association* Welsh Fishermen's Association flagged in a recent consultation response for a tidal stream development in Wales that they're keen to get inshore VMS tolled out across Wales to capture the <12m fleet • JE suggests we have a presentation on iVMS and the Succourfish project at the next FLOWW meeting – To capture what's been done before / is being planned and help get the discussion on this going • Some evidence in Scallop fishing • All scallop vessels in certain areas in Wales have to have VMS data.		
	ACTION: HN/JC Succorfish to hopefully present at the next FLOWW meeting – *Julian Gregory at the IFCA is looking into currently*	HN/JC	Next FLOWW meeting
9.0	**AoB** **FLOWW going forward** – Members ▪ Need to get some new people on the membership list		
	ACTION: All FLOWW members should be thinking how to get new people to get involved – How to do this?	All FLOWW members	Next FLOWW meeting

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	ACTION: HN to send around contact spreadsheet to the wider FLOWW group to get up to date information from all current members. This also gives FLOWW members the opportunity to suggest new members and give their details where known. – Why we need to have FLOWW going forward – need to start making a case ▪ Use the Terms of Reference	HN/All FLOWW members	Next FLOWW meeting