

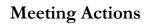


Project Name	FLOWW
Name of Meeting	Minutes of Fishing Liaison with Offshore Wind and Wet Renewables Group (FLOWW)
Meeting Venue	Board Room at 16 New Burlington Place, London. W1S 2HX.
Date & Time of Meeting	10.30am on Monday 16 th March 2017

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:	JC	Next FLOWW meeting
	 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		
	Danger is that all mariners get swamped with information that		12/04/2017

Page 1 of 6 12/04/2017





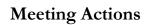
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	they do not needNtM needs to target the appropriate audience		
	ACTION: Matt Frow to add comments	MF	ASAP
	 Useful to add an example of what a NtM should look like – Helen Jamison at Vattenfall had previously offered to provide an example 		
	ACTION: 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 1 st 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		

Page 2 of 6 12/04/2017



Item	Notes	Action	Due Date
	Government commissioned a review of the potential for tidal		
	range in the UK		
	Undertaken by around 6 civil servantsMajor 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 16 th 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 viableGovernment 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.		
			Next cables
	ACTION: DR to check that all in the Cables Sub-Group have enough	DR	sub-group
	time to deliver required outcomes.		meeting

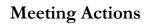
Page 3 of 6 12/04/2017





Item	Notes	Action	Due Date
	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.	BB/AK	When ready
	ACTION: Update at the next FLOWW meeting – when website available	BB/AK	Next FLOWW
	DataGoing to come from many sourcesSuccorfish		meeting
	 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		
7.0	UPDATES	BB	ASAP
7.0	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 		

Page 4 of 6 12/04/2017





Item	Notes	Action	Due Date
	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.	EN	ASAP
	 Who would be responsible? Do TCE have any responsibility? Nemo is about to undertake the same sort of thing 		
	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	MF	ASAP
	ACTION: MF to send through contact		
	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 geing.		
	 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.		Next
	ACTION: HN/JC Succorfish to hopefully present at the next FLOWW meeting – Julian Gregory at the IFCA is looking into currently	HN/JC	FLOWW meeting
9.0	AoB		
	FLOWW going forward		
	- Members		
	 Need to get some new people on the membership list 	All	Next
	ACTION: All ELOWAY members should be thinking how to get now	FLOWW	FLOWW
	ACTION: All FLOWW members should be thinking how to get new people to get involved – How to do this?	members	meeting
	, J		

Page 5 of 6 12/04/2017

Meeting Actions



Item	Notes	Action	Due Date
	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.	HN/AII FLOWW members	Next FLOWW meeting
	 Why we need to have FLOWW going forward – need to start making a case Use the Terms of Reference 		

Page 6 of 6 12/04/2017