



International  
Whaling  
Commission

The Red House  
135 Station Road  
Impington, Cambridge  
CB24 9NP, UK

tel: +44 (0) 1223 233971 | fax: +44 (0) 1223 232876  
email: [secretariat@iwcoffice.org](mailto:secretariat@iwcoffice.org) | web: [iwcoffice.org](http://iwcoffice.org)

SB/JAC/31513  
4 April 2012

CIRCULAR COMMUNICATION TO MEMBERS OF THE SCIENTIFIC COMMITTEE  
IWC.SC.167

**Workshop on interactions between marine renewable projects and cetaceans worldwide**

I am pleased to confirm that the Scientific Committee Workshop considering the interactions between cetaceans and marine renewable installations will take place during the three days preceding this year's Scientific Committee in Panama City.

You can find the background information for this Workshop contained in the Scientific Committee Report from last year's meeting when a draft agenda was also agreed. The organising committee for the Workshop has further elaborated the agenda and this is attached.

The workshop will commence at midday on Friday 8 June and is scheduled to end during the afternoon of Sunday 10 June.

Submissions are welcomed and if you plan to attend the meeting, or if you have any questions, please contact the convener, Mark Simmonds ([mark.simmonds@wdcs.org](mailto:mark.simmonds@wdcs.org)). There is some limited funding for key invited participants and messages are being sent to them over the next few days.

Simon Brockington  
Secretary to the Commission

**DRAFT AGENDA FOR IWC SCIENTIFIC COMMITTEE WORKSHOP ON INTERACTIONS BETWEEN MARINE  
RENEWABLE PROJECTS AND CETACEANS WORLDWIDE**

**1. OVERVIEW OF RELEVANT MARINE RENEWABLE ENERGY GENERATION TECHNOLOGIES**

**1.1 Scale, locations and types of developments in Northern Hemisphere**

**1.2 Scale, locations and types of developments in Southern Hemisphere**

**1.3 Common issues:**

- 1.3.1 Location
- 1.3.2 Anchoring
- 1.3.3 Servicing
- 1.3.4 Energy transmission to shore
- 1.3.5 Decommissioning
- 1.3.6 Cable laying and other

**2. COMPARISON OF DIFFERENT NATIONAL APPROACHES ENVIRONMENTAL ASSESSMENT AND DATA-SHARING IN DIFFERENT COUNTRIES**

**2.1 Approaches in Europe**

**2.2 Approaches elsewhere**

**3. POTENTIAL EFFECTS ON CETACEANS (E.G. INJURIES; HABITAT LOSS AND DEGRADATION; PHYSIOLOGICAL STRESS; MASKING; BEHAVIOURAL CHANGES) AVAILABLE INFORMATION (INCLUDING MODELLING APPROACHES).**

**3.1 Wind farms**

- 3.1.1 During construction
- 3.1.2 During operation

**3.2 Submerged current-driven turbines**

- 3.2.1 During construction
- 3.2.2 During operation

**3.3 Other developments**

**3.4 Cumulative effects**

**4. MITIGATION MEASURES AND ADAPTIVE MANAGEMENT – EFFECTIVENESS AND AVAILABILITY**

**4.1 Siting and scheduling (avoiding overlap in space and time)**

**4.2 Sound reducing technologies (bubble curtain, cofferdam etc.)**

**4.3 Any other approaches**

**5. RESEARCH NEEDS**

**5.1 Develop procedures to coordinate and collate standardised effect measurements of marine renewable developments on cetaceans**

- 5.1.1 Identifying research needs to investigate impacts on cetaceans

**5.2 Identifying research needs to inform mitigation**

**5.3 Modelling approaches**

**5.4 Design of monitoring programmes**

**5.5 Summary, Action Points and Conclusions**