



## **Agreement on the Conservation of Albatrosses and Petrels**

### **Fourth Meeting of Seabird Bycatch Working Group**

*Guayaquil, Ecuador, 22 – 24 August 2011*

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#### **Annotated Agenda**

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## Annotated Agenda – SBWG 4

Agenda Item	Papers
<p><b>1. Pelagic Longline Bycatch Mitigation</b>      Lead: Graham Robertson</p> <ul style="list-style-type: none"> <li>— Graham Robertson. Preliminary assessment of the effect of seabird friendly (fast sinking) line weighting on catch rates of target and non-target fish in pelagic longline fisheries.      SBWG-4 Doc 05</li> <li>— Graham Robertson &amp; Andres Domingo. Progress report on the BS30 Underwater Bait Setter for pelagic longline fisheries.      SBWG-4 Doc 06 Rev2</li> <li>— Ed Melvin. Preliminary Report of 2010 Weighted Branchline Trials in the Tuna Joint Venture Fishery in the South African EEZ      SBWG-4 Doc 07</li> <li>— Oli Yates/Ben Sullivan. Developments in experimental mitigation research – Pelagic longline fisheries in Brazil, South Africa and Uruguay      SBWG-4 Doc 09</li> <li>— Ben Sullivan. Hook Pod update.      SBWG-4 Doc 10 Rev.1</li> <li>— Tatiana Neves. The effect of leaded swivel position and light toriline on bird attack rates in Brazilian pelagic longline      SBWG-4 Doc 40 Rev1</li> <li>— Sebastián Jiménez. Structure of the seabird assemblage associated with pelagic longline vessels in the Southwestern Atlantic and its implications on bycatch      SBWG-4 Doc 42</li> <li>— Sebastián Jiménez. Bycatch susceptibility in pelagic longline fisheries: Are albatrosses affected by the diving behavior of medium-sized petrels?      SBWG-4 Doc 43</li> <li>— Sebastián Jiménez. Risk assessment and relative impact of the Uruguayan pelagic longliners in seabirds      SBWG-4 Doc 44</li> <li>— Andrés Domingo. Effectiveness of tori-line use to reduce seabird bycatch in the Uruguayan pelagic longline fleet      SBWG-4 Doc 45</li> <li>— Review recent developments in mitigation research and update relevant Annexes of AC 5 Report: <ul style="list-style-type: none"> <li>a. Annex 6 — <i>Review of seabird bycatch mitigation measures for Pelagic Longline Fisheries; and;</i>      SBWG-4 Doc 11</li> <li>b. Annex 7 — <i>Summary advice statement for reducing impact of pelagic longline gear on seabirds.</i>      SBWG-4 Doc 12</li> </ul> </li> <li>— Consider priorities for mitigation research</li> </ul>	
<p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ SBWG is provided with an update on recent advances in mitigation research.</li> <li>▪ ACAP’s advice on best practice mitigation for pelagic longline operations is updated. This document is available for Parties and tuna RFMOs to guide the development of policy and practice within the fisheries under their jurisdiction.</li> <li>▪ Priorities for mitigation research are updated.</li> </ul>	

Agenda Item	Papers
<p><b>2. Trawl Bycatch Mitigation</b> <span style="float: right;">Lead: Ben Sullivan</span></p> <ul style="list-style-type: none"> <li>— Oli Yates/Ben Sullivan. Developments in experimental mitigation research – Demersal trawl fisheries (Argentina and Namibia)</li> <li>— Ed Abraham. Report on progress against Project 2010-4 Concluding six years of research on seabird bycatch reduction through modified discharge management regimes: Is batch discharge better than ad-hoc discharge from trawl vessels?</li> <li>— Paul Brickle. Reducing seabird mortality on trawlers operating in the Falkland Islands (Islas Malvinas)<sup>1</sup>.</li> <li>— Review recent developments in mitigation research and update relevant Annexes of AC 5 Report: <ul style="list-style-type: none"> <li>a. Annex 8 — <i>Review of seabird bycatch mitigation measures for Trawl Fisheries; and;</i></li> <li>b. Annex 9 — <i>Summary advice statement for reducing impact of pelagic and demersal trawl gear on seabirds.</i></li> </ul> </li> <li>— Consider priorities for mitigation research</li> </ul> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ SBWG is provided with an update on recent advances in mitigation research.</li> <li>▪ ACAP's review and advice on best practice mitigation for trawl operations are updated. These documents are available for Parties and RFMOs to guide the development of policy and practice within the fisheries under their jurisdiction.</li> <li>▪ Priorities for mitigation research are updated.</li> </ul>	<p>SBWG-4 Doc 13</p> <p>SBWG-4 Doc 14 Rev1</p> <p>SBWG-4 Doc 55</p> <p>SBWG-4 Doc 15</p> <p>SBWG-4 Doc 16</p>
<p><b>3. Demersal Longline Bycatch Mitigation</b> <span style="float: right;">Lead: Anton Wolfaardt</span></p>	
<ul style="list-style-type: none"> <li>— BirdLife International. Developments in experimental mitigation research – Demersal longline fisheries (Namibia)</li> <li>— Igor Debski. Development of mitigation strategies for inshore demersal longline fisheries in New Zealand</li> <li>— Consider priorities for mitigation research</li> <li>— Review recent developments in mitigation research and update relevant Annexes of AC 5 Report: <ul style="list-style-type: none"> <li>a. Annex 10 — <i>Review of seabird bycatch mitigation measures for Demersal Longline Fishing; and;</i></li> <li>b. Annex 11 — <i>Summary advice statement for reducing impact of demersal longlines on seabirds.</i></li> </ul> </li> </ul>	<p>SBWG-4 Doc 17 Rev1</p> <p>SBWG-4 Doc 46</p> <p>SBWG-4 Doc 18</p> <p>SBWG-4 Doc 19</p>

<sup>1</sup> "A dispute exists between the Governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Islas Malvinas)", "South Georgia and the South Sandwich Islands (Islas Georgias del Sur e Islas Sandwich del Sur) and the surrounding maritime areas".

Agenda Item	Papers
<p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ SBWG is provided with an update on recent advances in mitigation research.</li> <li>▪ ACAP's review and advice on best practice mitigation for demersal longline operations are updated. These documents are available for Parties and RFMOs to guide the development of policy and practice within the fisheries under their jurisdiction.</li> <li>▪ Priorities for mitigation research are updated.</li> </ul>	
<p><b>4. Gillnet Bycatch Mitigation</b> <span style="float: right;"><b>Lead: Ed Melvin</b></span></p> <p>— BirdLife International. <i>The Incidental Catch of Seabirds in Gillnet Fisheries: A Global Review</i>.</p> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ SBWG is provided with a broad-scale overview on bycatch mitigation in gillnet fisheries.</li> <li>▪ Priorities for mitigation research are developed.</li> <li>▪ Advice provided for the AC on mitigation for gill net fisheries.</li> </ul>	SBWG-4 Doc 20
<p><b>5. Artisanal Fisheries</b> <span style="float: right;"><b>Lead: Elisa Goya and Marco Favero</b></span></p> <p>— Elisa Goya. Characterization of artisanal fisheries in South America and their interaction with populations of albatrosses and petrels.</p> <p>— Oli Yates. Developments in experimental mitigation research – Artisanal demersal longline fishery (Ecuador)</p> <p>— Jeff Mangel &amp; Johanna Alfaro. Seabird bycatch in small-scale fisheries in Peru and Ecuador</p> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ SBWG is provided with a broad-scale overview on the bycatch potential of artisanal fisheries.</li> </ul>	<p>SBWG-4 Doc 22</p> <p>SBWG-4 Doc 23 Rev2</p> <p>SBWG-4 Doc 24</p>
<p><b>6. Review of Bycatch Data provided by Parties</b> <sup>2</sup></p> <p style="text-align: right;">Lead: Anton Wolfaardt</p> <p>— Review bycatch data received from Parties as part of their Report on the Implementation of the Agreement, and consider:</p> <ol style="list-style-type: none"> <li>a. how information collection and analysis can be improved;</li> <li>b. how this information should be conveyed succinctly to the Meeting of Parties.</li> </ol> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ ACAP data collection protocols are refined to improve data provision in future requests to Parties for National Reports.</li> <li>▪ Relevant sections of the draft Report on the Implementation of the Agreement, to be provided by the Advisory Committee to the MoP, are reviewed.</li> </ul>	<p>SBWG-4 Doc 25 Rev1</p> <p>AC6 Doc 17</p>

<sup>2</sup> Data discussed under this Agenda item relate to those data provided by Parties specifically to measure the performance of the Agreement.

Agenda Item	Papers
<p><b>7. Bycatch Data Collection<sup>3</sup></b> <span style="float: right;">Lead: Anton Wolfaardt</span></p> <ul style="list-style-type: none"> <li>— Data collection requirements from RFMOs and other non-Party sources to improve knowledge of fishery impacts on ACAP-listed species.</li> <li>— Dietrich et al 2007. Best Practices for the Collection of Longline Data to Facilitate Research and Analysis to Reduce Bycatch of Protected Species</li> </ul> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ Provision of advice to Advisory Committee on minimum data requirements for managing bycatch issues in fisheries.</li> </ul>	<p>SBWG-4 Doc 26 Rev1</p> <p>SBWG-4 Doc 27</p>
<p><b>8. Conservation Priorities</b> <span style="float: right;">Lead: Marco Favero</span></p> <ul style="list-style-type: none"> <li>— Marco Favero. Report on South American bycatch workshop and subsequent updating of ACAP prioritisation framework.</li> <li>— Spencer Clubb. Review progress and next steps for ACAP's prioritisation framework for at-sea threats</li> <li>— Richard Phillips. Proposal that addressing bycatch of wandering albatrosses should be considered as an ACAP priority</li> </ul> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ Note progress and agree to support the completion of the prioritisation framework for at-sea threats.</li> <li>▪ Provision of advice to Advisory Committee on priority status for addressing bycatch of wandering albatrosses</li> </ul>	<p>SBWG-4 Doc 28</p> <p>SBWG-4 Doc 29</p> <p>SBWG-4 Doc 54</p>
<p><b>9. Development of Indicators</b> <span style="float: right;">Lead: Ian Hay or Marco Favero</span></p> <ul style="list-style-type: none"> <li>— Review and analysis of available data for pressure, state and response <ul style="list-style-type: none"> <li>a. Bycatch level data from National Reports;</li> <li>b. Data from RFMOs and other fishery managers;</li> <li>c. Published reports and peer-reviewed literature e.g. Anderson et al 2011.</li> </ul> </li> </ul> <p><u>Establish a breakout group to consider development of indicators.</u> Develop advice about candidate indicators, giving consideration to both bycatch levels and rates, and use/effectiveness of mitigation.</p> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ Provision of advice to Advisory Committee on preferred bycatch performance indicators.</li> </ul>	<p>AC6 Info 7</p> <p>SBWG-4 Doc 25 Rev1, AC6 Doc 17 SBWG-4 Doc 30</p>

<sup>3</sup> Data discussed under this Agenda item relate to the collection of data necessary to manage a fishery. The data required for this purpose may be more extensive than that required to measure the performance of the Agreement.

Agenda Item	Papers
<p><b>10. Coordination of activities relating to RFMOs</b>  <b>Lead: Warren Papworth</b></p> <ul style="list-style-type: none"> <li>— Reports from ACAP observers at recent meetings. Tabled observer reports will be taken as read unless SBWG members identify matters that require resolution.</li> <li>— Review coordination of ACAP activities at RFMO meetings (Work Programme Item 4.2) and consider recommended approach for key RFMOs with respect to; <ul style="list-style-type: none"> <li>a. seabird measures and their revision;</li> <li>b. Ecological risk assessments; and</li> <li>c. Data collection and observer programs.</li> </ul> </li> <li>— For IATTC, consider development of separate conservation measures for industrial and artisanal fisheries.</li> <li>— Consider how to assimilate new mitigation information into ACAP Mitigation Advice intersessionally (including Mitigation Fact Sheets), particularly given 18 months time frame before next SBWG &amp; AC Meetings. Two approaches for consideration are: <ul style="list-style-type: none"> <li>a. form a small group to refine application of RFMO strategy as necessary during the upcoming intersessional period only. Group to be comprised of RFMO coordinators and other interested SBWG members; or</li> <li>b. seek AC approval for the SBWG to meet during the intersessional period.</li> </ul> </li> <li>— Ed Melvin. A Draft Seabird Conservation Measure for Tuna Commissions</li> </ul> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ Strategy for engagement with RFMOs and other relevant international bodies is developed for endorsement by the AC.</li> <li>▪ Advice prepared for AC identifying key issues and recommendations from observer reports of recent meetings.</li> </ul>	<p>SBWG-4 Doc 47, 48, 49, 50, 51, 52, 53</p> <p>SBWG-4 Doc 31 Warren Papworth</p> <p>SBWG-4 Doc 31 Warren Papworth</p> <p>SBWG-4 Doc 56</p>
<p><b>11. FAO IPOA/NPOA-Seabirds</b>  <b>Lead: Barry Baker</b></p> <ul style="list-style-type: none"> <li>— Adoption of FAO international guidelines for bycatch management and reduction of discards.</li> <li>— Jorge Azócar. Interactions between seabirds and the industrial longline fleet targeting swordfish in Chile</li> </ul> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ SBWG to discuss the effectiveness of the IPOA/NPOA process in the conservation of seabirds in RFMOs and coastal States.</li> </ul>	<p>SBWG-4 Doc 33 SBWG-4 Doc 50</p> <p>SBWG-4 Doc 58</p>

Agenda Item	Papers
<p><b>12. Mitigation Fact Sheets</b> <span style="float: right;">Lead: Ben Sullivan</span></p> <ul style="list-style-type: none"> <li>— Review and update mitigation fact sheets during the course of the meeting: <ul style="list-style-type: none"> <li>Fact Sheet Introduction</li> <li>Fact Sheet 7 – Pelagic Longline Bird Scaring Line</li> <li>Fact Sheet 8 – Pelagic Longline Branchline Weighting</li> <li>Fact Sheet 11 – Pelagic Longline Bait Caster &amp; Line Shooter</li> <li>Fact Sheet 13 – Trawl Warp Strike</li> </ul> </li> <li>— Update on progress with translation of fact sheets. Funding of AUD \$18,216 was provided from the AC 2009 Work Programme towards the cost of translating the mitigation fact sheets.</li> </ul> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ SBWG to update Mitigation Fact Sheets as a product for dissemination to RFMOs and coastal states.</li> </ul>	
<p><b>13. Global Procellariform Tracking Database</b> <span style="float: right;">Lead: Ben Sullivan</span></p> <ul style="list-style-type: none"> <li>— Update on BirdLife Global Tracking Database (Work Programme Item 4.4).</li> </ul> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ SBWG to note additional data received since AC5 and relevance to ACAP's work with RFMOs.</li> </ul>	SBWG-4 Doc 57
<p><b>14. Risk Assessment</b> <span style="float: right;">Richard Phillips</span></p> <ul style="list-style-type: none"> <li>— An assessment of seabird-fishery interactions in the Atlantic Ocean. Australia/UK/BirdLife/South Africa/Spain)</li> <li>— The justification, design and implementation of Ecological Risk Assessments of the effects of fishing on seabirds. BirdLife/UK.</li> </ul> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ 'Best advice' approach on ERA is developed for consideration and endorsement by Advisory Committee for use in relevant fisheries.</li> </ul>	<p>SBWG-4 Doc 34</p> <p>SBWG-4 Doc 35</p>
<p><b>15. Review of Progress reports for ACAP funded Programmes</b> <span style="float: right;">Warren Papworth</span></p> <ul style="list-style-type: none"> <li>— Review ACAP funded projects. Tabled reports will be taken as read unless SBWG members identify matters that require resolution. <ol style="list-style-type: none"> <li>a. ACAP 09/04 Mitigation in Peru's artisanal longline fleet. Final Report.</li> <li>b. ACAP 09/05 Seabird interactions in Peruvian hake trawl fishery.</li> <li>c. ACAP 09/06 Mitigation Fact Sheet translation (see Agenda Item 13)</li> <li>d. ACAP 09/09. Chilean Observer Program</li> </ol> </li> </ul>	<p>AC6 Inf 08</p> <p>SBWG-4 Doc 36</p> <p>AC6 Inf 08</p> <p>AC6 Inf 08</p> <p>SBWG-4 Doc 37</p> <p>AC6 Inf 08</p> <p>SBWG-4 Doc 38</p>



Agenda Item	Papers
<p>e. ACAP 09/10 South American Observer Programs</p> <p>f. ACAP 09/11 Evaluation of fast sinking line-weighting regime.</p> <p>g. Projects supported 2010</p> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ Advice is provided to AC6 on progress and implementation.</li> </ul>	<p>AC6 Inf 08 SBWG-4 Doc 39</p> <p>AC6 Inf 08 SBWG-4 Doc 05 AC6 Inf 09</p>
<p><b>16. SBWG Work Programme</b> <span style="float: right;"><b>Mark Tasker</b></span></p> <ul style="list-style-type: none"> <li>— Review and update relevant sections of the Advisory Committee Work Programme 2010 – 2012, noting progress achieved, both intersessionally and at the meeting. The Work Program will be updated continuously in the meeting as items arise on the Agenda, and discussion will only focus on Work Programme items that have not been addressed earlier.</li> <li>— Develop a program for 2013 -2015</li> </ul> <p><b>Action/expected outcome:</b></p> <ul style="list-style-type: none"> <li>▪ SBWG Programme will be updated</li> </ul>	<p>AC6 Doc 18</p> <p>AC6 Doc 19</p>
<p><b>17. SBWG Membership</b></p> <ul style="list-style-type: none"> <li>— Review the membership of the Working Group.</li> </ul>	
<p><b>18. Adoption of Report</b></p>	
<p><b>19. Close of Meeting</b></p>	