

 <p>Agreement on the Conservation of Albatrosses and Petrels</p>	<p>Eighth Meeting of the Seabird Bycatch Working Group</p> <p><i>Wellington, New Zealand, 4 - 6 September 2017</i></p> <p>Draft Annotated Agenda</p> <p><i>SBWG Convenor and Vice-convenors</i></p>
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Agenda item	Papers
1. Welcome and opening remarks	
2. WG membership and introduction	
3. Adoption of Agenda	
<p>4. Updated format and presentation of ACAP best practice advice documents relating to seabird bycatch mitigation</p> <p>⇒ Recommended revisions to the presentation of information in the ACAP advice documents for mitigating seabird bycatch in demersal longline and trawl fisheries</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> Proposed revisions to the format/structure of the ACAP review and best practice advice on bycatch mitigation for demersal longline and trawl fisheries are discussed, and next steps agreed. 	SBWG8 Doc 06
<p>5. ACAP seabird bycatch mitigation best practice advice – definition and criteria</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> A reminder of the definitions and criteria used by ACAP to determine whether a mitigation measure or approach meets the ‘best practice’ standards. 	

<p>6. Seabird Bycatch Mitigation in Trawl Fisheries</p> <p>6.1 Review recent developments in mitigation research and update Best Practice Advice</p> <ul style="list-style-type: none"> ⇒ The Warp Deflector (pinkie system): Practical implications of a physical seabird bycatch mitigation device ⇒ Discard management as a seabird bycatch mitigation tool: Results from further batch-discard trials ⇒ Incidental catch, seabird mortality and discard in trawling fishing in the extreme south of Chile ⇒ Seabird entanglement in side-haul trawlers: education as a mitigation strategy ⇒ Working towards the reduction of seabird bycatch in Southern cone fisheries <p>6.2 Update Mitigation Fact Sheets if required</p> <p>6.3 Consider priorities for mitigation research</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • SBWG is provided with a brief update on recent advances in bycatch mitigation research and associated conservation efforts for trawl fisheries. • ACAP’s advice on best practice bycatch mitigation for trawl fisheries is updated, if necessary. • ACAP/BirdLife mitigation fact sheets updated (see also Agenda item 23.2) • Priorities for mitigation research in respect of trawl fisheries are considered and updated 	<p>SBWG8 Inf 17</p> <p>SBWG8 Inf 16</p> <p>SBWG8 Doc 18</p> <p>SBWG8 Doc 10</p> <p>SBWG8 Inf 13</p>
<p>7. Seabird Bycatch Mitigation in Demersal Longline Fisheries</p> <p>7.1 Review recent developments in mitigation research and update Best Practice Advice</p> <ul style="list-style-type: none"> ⇒ Seabird mortality in the Namibian demersal longline fishery and recommendations for best practice mitigation measures ⇒ Bird-scaring line designs for small longline vessels <p>7.2 Update Mitigation Fact Sheets if required</p> <p>7.3 Consider priorities for mitigation research</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • SBWG is provided with a brief update on recent advances in bycatch mitigation research and associated conservation efforts for demersal longline fisheries. • ACAP’s advice on best practice bycatch mitigation for demersal longline fisheries is updated, if necessary. • ACAP/BirdLife mitigation fact sheets updated (see also Agenda item 23.2) • Priorities for mitigation research in respect of demersal longline fisheries are considered and updated 	<p>SBWG8 Inf 02</p> <p>SBWG8 Doc 12 (also for Agenda 8.1)</p>

<p>8. Seabird Bycatch Mitigation in Pelagic Longline Fisheries</p> <p>8.1 Review recent developments in mitigation research and update Best Practice Advice</p> <ul style="list-style-type: none"> ⇒ Effectiveness of tori line use to reduce seabird bycatch in pelagic longline fishing ⇒ Bird-scaring line designs for small longline vessels ⇒ The performance of Hookpods under commercial fishing conditions in the Brazilian pelagic longline fleet ⇒ Testing the Hookpod-mini in the New Zealand pelagic longline fishery ⇒ Effect of reduced distance between the hook and weight in pelagic longlines on seabird attack and bycatch rates, and on the catch of target species ⇒ Elevating the status of branch line weighting in ACAP's best practice advice for reducing the impact of pelagic longlines on seabirds ⇒ Captain and observer perspectives on the viability and efficacy of methods to reduce seabird bycatch during gear haulback in the Hawaii-based pelagic longline swordfish fishery <p>8.2 Update Mitigation Fact Sheets if required</p> <p>8.3 Consider priorities for mitigation research</p> <ul style="list-style-type: none"> ⇒ Recommended seabird bycatch research priorities for tuna fisheries operating on the high seas <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • SBWG is provided with a brief update on recent advances in bycatch mitigation research and associated conservation efforts associated with pelagic longline fisheries. • ACAP's advice on best practice bycatch mitigation for pelagic longline fisheries is updated, if necessary. • ACAP/BirdLife mitigation fact sheets updated (see also Agenda item 23.2) • Priorities for mitigation research in respect of pelagic longline fisheries are considered and updated 	<p>SBWG8 Inf 25</p> <p>SBWG8 Doc 12 (also for Agenda 7.1)</p> <p>SBWG8 Inf 08</p> <p>SBWG8 Inf 18</p> <p>SBWG8 Inf 27</p> <p>SBWG8 Doc 15</p> <p>SBWG8 Inf 23</p> <p>SBWG8 Doc 19 (also for Agenda 13)</p> <p>SBWG8 Inf 31</p>
<p>9. Seabird Bycatch Mitigation in Gillnet Fisheries</p> <p>9.1 Consider recent developments in mitigation research and consider priorities for further research</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • SBWG members to report back on any progress/relevant information, in light of which priority actions for further research and the development of best practice advice are discussed. 	

<p>10. Risks posed to ACAP species from net fishing methods other than gillnet and trawl</p> <p>10.1 Assessment of risks and development of ACAP advice, particularly for purse-seine fisheries</p> <p>⇒ Assessment of the “Modified Purse Seine (MPS)” against ACAP best practice criteria</p> <p>⇒ Seabird bycatch in purse seine fisheries: Status of knowledge and mitigation measures</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • Recent advances in mitigation research considered and priorities for further research identified. • Development of ACAP advice on best practice measures for mitigating seabird bycatch in purse-seine fisheries discussed and agreed. 	<p>SBWG8 Doc 21</p> <p>SBWG8 Inf 26</p>
<p>11. Artisanal and small-scale fisheries</p> <p>11.1 The development of a ‘toolbox’ template for mitigation advice in artisanal and small-scale fisheries</p> <p>⇒ Seabird mortality in the Ecuadorian artisanal demersal longline fishery- an update, and priorities</p> <p>⇒ ‘Toolbox’ template for mitigation advice in artisanal and small-scale fisheries</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • The SBWG reviews and endorses the proposed mitigation ‘toolbox’ template for providing advice on mitigating seabird bycatch in artisanal and small-scale fisheries. • The SBWG identify additional possible mitigation methods to populate the ‘toolbox’ and consider how the advice should be categorised and presented. 	<p>SBWG8 Inf 12</p> <p>SBWG8 Doc 16</p>
<p>12. Laser technology to mitigate seabird bycatch</p> <p>12.1 Consider recent research/use of laser technology</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • Given concerns raised previously regarding the safety aspects of laser technology (for birds and humans), the SBWG considers developing guidance for assessing hazards to seabirds associated with using laser technology for mitigating seabird bycatch. 	

<p>13. Drivers and barriers in the uptake of best practice seabird bycatch mitigation measures</p> <ul style="list-style-type: none"> ⇒ Encouraging uptake of mitigation measures in a disparate small vessel fleet ⇒ Stocktake of measures for mitigating the incidental capture of seabirds in New Zealand commercial fisheries ⇒ Albatross Task Force: 2018-2020 ⇒ Recommended seabird bycatch research priorities for tuna fisheries operating on the high seas ⇒ Drivers and barriers in the uptake of seabird bycatch mitigation measures and related conservation actions <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • The SBWG consider the information presented, review and provide feedback on the approach proposed to investigate the drivers and barriers in the uptake and proper use of seabird bycatch mitigation measures. 	<p>SBWG8 Inf 19</p> <p>SBWG8 Inf 20</p> <p>SBWG8 Inf 11</p> <p>SBWG8 Doc 19 (also for Agenda 8.3)</p> <p>SBWG8 Doc 14</p>
<p>14. ACAP Performance Indicators: Seabird Bycatch</p> <p>14.1 Review of intersessional work to further develop bycatch indicators and a reporting framework for ACAP, and review the information submitted to trial the reporting framework</p> <ul style="list-style-type: none"> ⇒ Statistical Characteristics of BPUE (Birds per Unit Effort) of longline fisheries ⇒ ACAP seabird bycatch performance indicators and reporting framework <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • The SBWG is provided an update on the intersessional work undertaken since SBWG7 to develop further the framework for reporting of information relating to the ACAP seabird bycatch performance indicators. • The SBWG provides advice on further refinements needed to progress the seabird bycatch indicator reporting framework, so that it can be endorsement by the Advisory Committee to be used from now on as part of the national reporting mechanism. 	<p>SBWG8 Inf 14</p> <p>SBWG8 Doc 05</p>
<p>15. Coordination of activities relating to RFMOs</p> <p>15.1 Feedback on and update of RFMO engagement strategy</p> <ul style="list-style-type: none"> ⇒ Opportunities in ports to improve data to review the effectiveness of seabird measures ⇒ Update on the Seabird Bycatch Component of Common Oceans Tuna Project 	<p>SBWG8 Doc 22</p> <p>SBWG8 Inf 03</p>

<p>⇒ Report of the June 2017 workshop in Uruguay to collaboratively assess seabird bycatch in pelagic longline fleets in the Atlantic and Indian oceans</p> <p>⇒ Review of ACAP RFMO Engagement Strategy</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • The SBWG is provided with brief feedback on relevant actions pertaining to the ACAP RFMO engagement strategy • The updated RFMO engagement strategy is discussed and refined for endorsement by the Advisory Committee. 	<p>SBWG8 Inf 07</p> <p>SBWG8 Doc 13</p>
<p>16. Electronic Monitoring</p> <p>16.1 The further development of advice for the use of E-Monitoring in relation to seabird bycatch</p> <p>⇒ Man versus machine: electronic monitoring versus on-board observers in small-scale fisheries in Peru</p> <p>⇒ Update on electronic monitoring and logbook verification in Australian Commonwealth fisheries</p> <p>⇒ Electronic Monitoring of Seabird Captures in New Zealand Bottom Longline Fisheries</p> <p>⇒ New Zealand's Integrated Electronic Monitoring and Reporting System for Commercial Fisheries</p> <p>⇒ Recent U.S. experience with electronic monitoring, seabird monitoring, and incorporation into standard management protocols</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • The SBWG is provided with brief feedback on relevant initiatives pertaining to the efficacy, and limitations, of electronic monitoring in relation to seabird bycatch and mitigation. • The SBWG considers and recommends further actions needed to facilitate the development of ACAP guidelines and best practice advice on e-monitoring 	<p>SBWG8 Inf 04</p> <p>SBWG8 Inf 09</p> <p>SBWG8 Inf 22</p> <p>SBWG8 Inf 29</p> <p>SBWG8 Inf 24</p>
<p>17. Risk Assessment</p> <p>17.1 New bycatch information for species/fisheries, including overlap of seabirds and fishing effort</p> <p>⇒ Sex-related variation in the vulnerability of wandering albatrosses to pelagic longline fleets</p> <p>⇒ Sexual size dimorphism, spatial segregation and sex-biased bycatch of royal albatrosses in pelagic longline fisheries</p> <p>⇒ Global patterns of sex- and age-specific variation in seabird bycatch</p>	<p>SBWG8 Inf 05</p> <p>SBWG8 Inf 06</p> <p>SBWG8 Doc 17</p>

<p>⇒ Emerging platforms to monitor the occurrence and threats to the waved albatross in Chile and the Southeast Pacific</p> <p>⇒ Identifying areas, seasons and fleets of potential highest bycatch risk to albatrosses and petrels</p> <p>⇒ Conservation Action Plans for wandering, black-browed and grey-headed albatrosses</p> <p>⇒ Using globally threatened pelagic birds to identify priority sites for marine conservation in the South Atlantic Ocean</p> <p>⇒ Updating New Zealand's bycatch estimations and risk assessment</p> <p>⇒ Ecological risk assessment of the Itaipava fleet, ES, Brazil, on albatrosses and petrels</p> <p>⇒ Assessment of the risk of southern hemisphere surface longline fisheries to ACAP species</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • The SBWG to note new/updated information on bycatch, fisheries-related risks to ACAP species, and approaches to measure, monitor and manage these, and to consider the need for any specific actions 	<p>SBWG8 Inf 10</p> <p>PaCSWG4 Doc 10</p> <p>PaCSWG4 Inf 30</p> <p>PaCSWG4 Inf 24</p> <p>SBWG8 Inf 30</p> <p>SBWG8 Inf 28</p> <p>SBWG8 Doc 07</p>
<p>18. Deliberate take/killing of ACAP species</p> <p>18.1 Review of knowledge on deliberate take/killing of ACAP species at sea</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • The SBWG to consider how best to undertake a review of the extent of intentional take of ACAP species at sea, the factors driving this behaviour, and opportunities to address it. 	
<p>19. FAO IPOA/NPOA-Seabirds</p> <p>19.1 Review of status of implementation of NPOA-Seabirds</p> <p>⇒ Tracking the implementation of Argentina's NPOA-Seabirds</p> <p>⇒ Implementation and review of New Zealand's 2013 NPOA-Seabirds</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • The SBWG to consider and provide feedback on the FAO NPOA-Seabirds plans presented, and discuss more broadly an evaluation of the factors that drive or limit the success of NPOA-Seabirds in reducing the bycatch of seabirds 	<p>SBWG8 Doc 11</p> <p>SBWG8 Inf 21</p>
<p>20. Listing of species on Annex 1</p> <p>20.1 Criteria for listing and delisting of candidate species</p>	

<p>20.2 Proposals to list new species on Annex 1</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • No documents proposing the listing of new species on Annex 1 of the Agreement have been submitted to AC10. • The SBWG to consider how best to update the listing criteria (in coordination with the PaCSWG), and specifically to follow up on the issues identified at SBWG7: the need for clarification of at-sea threats and the overlap between some of the categories. 	
<p>21. Priority Actions for Conservation Measures</p> <p>21.1 Review and update of prioritization framework outputs</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • Priorities for at-sea threats to ACAP-listed species are reviewed and updated • Ensure database entries are complete and accurate and any omissions are identified. • SBWG inputs regarding prioritisation of at sea threats provided for Draft report on the implementation of the Agreement to MoP6 (AC10 Doc 15) 	
<p>22. ACAP funded Programmes</p> <p>⇒ Small Grants and Secondments Programme</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • Advice is provided to AC10 on future priorities for funding 	<p>AC10 Doc 20</p>
<p>23. Tools and Guidelines</p> <p>23.1 Updates and new guidelines</p> <p>⇒ Genetic variation of the use of bill length measurements for identifying species in the wandering albatross species complex</p> <p>⇒ Guidelines for sampling tissues from by-caught dead birds</p> <p>⇒ Seabird Bycatch Identification Guide – next steps</p> <p>⇒ Guidelines on mitigating bird strikes from artificial lights</p> <p>23.2 Mitigation Fact Sheets</p> <p>⇒ Bycatch Mitigation Factsheets - New Designs and Updates</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • Note progress on the development of outreach materials, tools and guidelines and provide feedback, and advice to AC10 and the Secretariat, as appropriate. • The SBWG to ensure the process of updating bycatch mitigation reviews and best practice advice is harmonised with updating the mitigation factsheets. 	<p>SBWG8 Inf 15</p> <p>PaCSWG4 Inf 23</p> <p>SBWG8 Doc 09</p> <p>PaCSWG4 Inf 26</p> <p>SBWG8 Doc 08</p>

<p>24. SBWG Work Programme</p> <p>24.1 Work Programme 2016 -2018</p> <p>⇒ Advisory Committee Work Programme 2016-2018</p> <p>⇒ Draft Report on the Implementation of the Agreement</p> <p>24.2 Work Programme 2019 -2021</p> <p>⇒ Advisory Committee Work Programme 2019-2021</p> <p><u>Actions/expected outcomes:</u></p> <ul style="list-style-type: none"> • Review and update relevant sections of the Advisory Committee Work Programme 2016-2018, noting progress achieved and outstanding actions. • Develop the SBWG component of the Advisory Committee Work Programme for 2019-2021. The existing Work Programme (2016-2018) will serve as the basis from which to develop the programme for 2019-2021. It is the intention that actions will be identified during the course of the meeting (under each agenda item) and this agenda item will be used to finalise the work programme, and discuss items that have not been addressed earlier. 	<p>AC10 Doc 16</p> <p>AC10 Doc 15</p> <p>AC10 Doc 17</p>
<p>25. Adoption of Report</p>	
<p>26. Close of Meeting</p>	