



# Convention on the Conservation of Migratory Species of Wild Animals

Secretariat provided by the United Nations Environment Programme



## 14<sup>TH</sup> MEETING OF THE CMS SCIENTIFIC COUNCIL

Bonn, Germany, 14-17 March 2007

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Agenda item 5.3(e)

### PROPOSED PROGRAMME OF WORK TO IMPLEMENT CMS RESOLUTION 8.22

(Prepared by the Secretariat)

#### Introduction

1. Resolution 8.22 requests the CMS Secretariat and the CMS Scientific Council to develop of a draft programme of work addressing human-induced impacts on cetaceans for consideration by CMS COP9. In the development of this programme of work, Resolution 8.22 requires specific activities be undertaken. These activities can be grouped as follows:

- (i) *notification* of CMS Resolution 8.22 be transmitted to IMO, IWC SC and CC, OSPAR, UNICPOLOS, and the UNEP Regional Seas Programme to ensure a full exchange of information, promote collaboration and reduce duplication of effort with these other international organisations.
- (ii) *review* of the extent to which CMS, CMS cetacean-related agreements, IMO, IWC SC and CC, OSPAR, UNICPOLOS, the UNEP Regional Seas Programme, FAO, COFI and the RFMOs are addressing listed impacts through their threat abatement activities.
- (iii) *analysis* of the gaps and overlaps between CMS, CMS cetacean-related agreements, IMO, IWC SC and CC, OSPAR, UNICPOLOS, the UNEP Regional Seas Programme and the *identification* of priority impacts and regions requiring urgent attention.

2. It is important to note that the resolution explicitly requires that this programme of work is developed with the full knowledge of the International Maritime Organization (IMO), the Convention for the Protection of the Marine Environment of the North-East Atlantic (OSPAR), the Cartagena Convention and the UNEP Regional Seas Programme, the United Nations Informal Consultation on Protection of the Oceans and the Law of the Sea (UNICPOLOS) the International Whaling Commission Scientific Committee (IWC SC) and Conservation Committee (IWC CC), the United Nations Food and Agricultural Organisation (FAO) and its Committee on Fisheries Industries (COFI) and Regional Fisheries Management Organisations (RFMOs) activities relating to cetaceans and requires the programme of work to identify points of collaboration and synergy between CMS, CMS cetacean-related agreements, IMO, IWC SC and CC, OSPAR, UNICPOLOS and the UNEP Regional Seas Programme.

3. Some of the activities requested by Res. 8.22 are currently being undertaken by the CMS Secretariat, with support from partners (notably WDCCS). The main output of these activities is expected to be a comprehensive report, to be developed in close consultation with

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the various conventions, organizations and programmes identified by the Resolution. The following sections include a draft annotated outline of the report, and a draft work plan towards its elaboration.

## **Draft structure of the report**

### Chapter one: Introduction

*The introduction chapter will seek to detail the requirement of Resolution 8.22, set down CMS's credentials and to outline the flow of document.*

### Chapter two: Brief summary of regions and listed impacts

*Chapter two will outline the impacts in regions, to better aid the prioritisation of impacts and regions process that is required by the Resolution. Where impacts need to be raised but where region specific information is not available they will be placed under a global sub-heading. Each region will have a map to define its boundaries and a list of species known to exist within it. By the end of the process each region will be approximately 1- 2 pages of text (possibly more in some cases).*

1. Global issues
  - 1.a Entanglement and by-catch
  - 1.b Climate change
  - 1.c Ship strikes
  - 1.d Pollution
  - 1.e Habitat and feeding ground degradation
  - 1.f Marine noise
  - 1.g Impediments to Migration
2. North East Atlantic Seas
3. Mediterranean and Black Seas
4. North and Central West Atlantic
5. Central and South East Atlantic
6. South West Atlantic
7. North and Central East Pacific
8. South East Pacific
9. North West Pacific
10. Central West Pacific
11. South West Pacific
12. Indian Ocean
13. Arctic
14. Antarctic

### Chapter three: Review the extent to which CMS and CMS cetacean-related Agreements are addressing listed impacts through their threat abatement activities

*Chapter three will detail what was being done by the parent convention and then articulate the action plans of each of the agreements. The review research will initially focus on is what has been articulated to be done within the agreement action/implementation plans. Evaluation of activity progress or success will necessarily need to be submitted by the agreements themselves if this is thought appropriate.*

- 1 CMS
  - 1.a Cetaceans Listed on CMS Appendix I
  - 1.b Cetaceans Listed on CMS Appendix II
  - 1.c CMS agreements
  - 1.d CMS addressing entanglement and by-catch
  - 1.e CMS addressing climate change
  - 1.f CMS addressing ship strikes
  - 1.g CMS addressing pollution
  - 1.h CMS addressing habitat and feeding ground degradation

- 1.i CMS addressing marine noise
- 1.j CMS addressing other impediments to migration
- 1.k CMS addressing additional cetacean conservation activities
- 2 ASCOBANS
  - 2.a ASCOBANS addressing entanglement and by-catch
  - 2.b ASCOBANS addressing climate change
  - 2.c ASCOBANS addressing ship strikes
  - 2.d ASCOBANS addressing pollution
  - 2.e ASCOBANS addressing habitat and feeding ground degradation
  - 2.f ASCOBANS addressing marine noise
  - 2.g ASCOBANS addressing impediments to migration
  - 2.h ASCOBANS addressing additional cetacean conservation activities
- 3 ACCOBAMS
  - 3.a ACCOBAMS addressing entanglement and by-catch
  - 3.b ACCOBAMS addressing climate change
  - 3.c ACCOBAMS addressing ship strikes
  - 3.d ACCOBAMS addressing pollution
  - 3.e ACCOBAMS addressing habitat and feeding ground degradation
  - 3.f ACCOBAMS addressing marine noise
  - 3.g ACCOBAMS addressing impediments to migration
  - 3.h ACCOBAMS addressing additional cetacean conservation activities
- 4 Pacific Island Region Cetacean MoU (CCPIR)
  - 4.a CCPIR addressing entanglement and by-catch
  - 4.b CCPIR addressing climate change
  - 4.c CCPIR addressing ship strikes
  - 4.d CCPIR addressing pollution
  - 4.e CCPIR addressing habitat and feeding ground degradation
  - 4.f CCPIR addressing marine noise
  - 4.g CCPIR addressing impediments to migration
  - 4.h CCPIR addressing additional cetacean conservation activities

**Chapter four: Review of cetacean related requirements within the Scientific Council Strategic Implementation Plan**

*Chapter four is separated from chapter three to detail the workplan set down in the Scientific Council's Implementation Plan, but might be more appropriate to be a sub-set of chapter three.*

- 1 [insert sub-title]
  - 1.a CMS Scientific Council addressing entanglement and by-catch
  - 1.b CMS Scientific Council addressing climate change
  - 1.c CMS Scientific Council addressing ship strikes
  - 1.d CMS Scientific Council addressing pollution
  - 1.e CMS Scientific Council addressing habitat and feeding ground degradation
  - 1.f CMS Scientific Council addressing marine noise
  - 1.g CMS Scientific Council addressing impediments to migration
  - 1.h CMS Scientific Council addressing additional cetacean conservation activities

**Chapter five: Review the extent to which IMO, IWC SC and CC, OSPAR, UNICPOLOS and the UNEP Regional Seas Programme are addressing listed impacts through their threat abatement activities**

*Chapter five will detail what is articulated to be done by IMO, IWC SC and CC, OSPAR, UNICPOLOS and the UNEP Regional Seas Programme. This review will be initially drawn from publicly available information and then elaborated with contributions from each organisation.*

- 1 IMO
  - 1.a IMO addressing entanglement and by-catch
  - 1.b IMO addressing climate change
  - 1.c IMO addressing ship strikes

- 1.d IMO addressing pollution
- 1.e IMO addressing habitat and feeding ground degradation
- 1.f IMO addressing marine noise
- 1.g IMO addressing impediments to migration
- 1.h IMO addressing additional cetacean conservation activities
- 2 IWC SC and CC
  - 2.a IWC addressing entanglement and by-catch
  - 2.b IWC addressing climate change
  - 2.c IWC addressing ship strikes
  - 2.d IWC addressing pollution
  - 2.e IWC addressing habitat and feeding ground degradation
  - 2.f IWC addressing marine noise
  - 2.g IWC addressing impediments to migration
  - 2.h IWC addressing additional cetacean conservation activities
- 3 OSPAR
  - 3.a OSPAR addressing entanglement and by-catch
  - 3.b OSPAR addressing climate change
  - 3.c OSPAR addressing ship strikes
  - 3.d OSPAR addressing pollution
  - 3.e OSPAR addressing habitat and feeding ground degradation
  - 3.f OSPAR addressing marine noise
  - 3.g OSPAR addressing impediments to migration
  - 3.h OSPAR addressing additional cetacean conservation activities
- 4 UNICPOLOS
  - 4.a UNICPOLOS addressing entanglement and by-catch
  - 4.b UNICPOLOS addressing climate change
  - 4.c UNICPOLOS addressing ship strikes
  - 4.d UNICPOLOS addressing pollution
  - 4.e UNICPOLOS addressing habitat and feeding ground degradation
  - 4.f UNICPOLOS addressing marine noise
  - 4.g UNICPOLOS addressing impediments to migration
  - 4.h UNICPOLOS addressing additional cetacean conservation activities
- 5 UNEP Regional Seas Programme
  - 5.a UNEP Regional Seas Programme addressing entanglement and by-catch
  - 5.b UNEP Regional Seas Programme addressing climate change
  - 5.c UNEP Regional Seas Programme addressing ship strikes
  - 5.d UNEP Regional Seas Programme addressing pollution
  - 5.e UNEP Regional Seas Programme addressing habitat and feeding ground degradation
  - 5.f UNEP Regional Seas Programme addressing marine noise
  - 5.g UNEP Regional Seas Programme addressing impediments to migration
  - 5.h UNEP Regional Seas Programme addressing additional cetacean cons activities
- 6 FAO, COFI and REMOs
  - 5.a FAO, COFI and REMOs addressing entanglement and by-catch
  - 5.b FAO, COFI and REMOs addressing climate change
  - 5.c FAO, COFI and REMOs addressing ship strikes
  - 5.d FAO, COFI and REMOs addressing pollution
  - 5.e FAO, COFI and REMOs addressing habitat and feeding ground degradation
  - 5.f FAO, COFI and REMOs addressing marine noise
  - 5.g FAO, COFI and REMOs addressing impediments to migration
  - 5.h FAO, COFI and REMOs addressing additional cetacean cons activities

**Chapter six: Analysis of gaps and overlaps between CMS activities and IMO, IWC SC and CC, OSPAR, UNICPOLOS and the UNEP Regional Seas Programme**

*Chapter six will be delivered as an annotated matrix revealing the gaps and overlaps, noting also the areas covered by FAO, COFI and the RFMOs. This chapter will function to summarise chapters two to five and provide the foundation for chapter seven.*

Chapter seven: Identification of where collaboration and synergies can exist between CMS and CMS cetacean-related Agreements, IMO, IWC SC and CC, OSPAR, UNICPOLOS and the UNEP Regional Seas Programme

*Chapter seven will provide further details about collaboration opportunities that have been revealed by the chapter six matrix.*

Chapter eight: Identification of priority impacts and regions requiring urgent attention

*Chapter eight will be developed in consultation with CMS and the CMS cetacean-related agreements and will articulate the priority areas that should form the basis of the draft programme of work. If appropriate this chapter could go so far as to articulate the draft programme of work.*

Chapter nine: Appendices

CMS Resolution 8.22: Adverse Human Induced Impacts on Cetaceans

Chapter ten: References

**Draft work plan to deliver Resolution 8.22 requirements**

March 2007	Consultation with ACCOBAMS, ASCOBANS and CCPIR input begins to develop CMS coverage (chapter 3)
April 2007	First draft of summary of regions and listed impacts (chapter 2) ready for IWC First draft of IWC section of other organisation coverage (chapter 5) ready for IWC
May 2007	Consultation with IWC input begins to develop IWC section of other organisation coverage (chapter 5) First draft of CMS coverage (chapter 3) ready for ACCOBAMS, ASCOBANS and CCPIR input
June 2007	Second draft of CMS coverage (chapter 3) ready for the Cetacean Liaison Group (CLG) review First draft of CMS Scientific Council (ScC) coverage (chapter 4) ready for CLG review First draft of remaining section of other organisation coverage (chapter 5) ready for CLG
July 2007 (provisionally)	First draft of gaps and collaboration (chapters 6 and 7) ready for CLG review Priority impacts and regions (chapter 8) discussed + review of chapters 2-7 during CLG meeting if deemed appropriate by the ScC
September 2007	Final draft of summary of regions and listed impacts (chapter 2) sent to ScC for comment Second draft of ScC coverage (chapter 4) sent to ScC for comment Second draft of other organisation coverage (chapter 5) sent to ScC for comment Second draft of gaps and collaboration (chapters 6 and 7) sent to ScC for comment
October 2007	First draft of priority impacts and regions (chapter 8) sent to CLG for comment
December 2007	Second draft of priority impacts and regions (chapter 8) to ScC and agreements for comment

**Conclusion**

The Scientific Council is invited to

- (i) take note of progress in the implementation of the relevant provisions of Res. 8.22;
- (ii) advise the Secretariat on the structure of the report and on the proposed work plan to deliver 8.22 requirements.