

Annex A

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Annex B2

Relationship Between Commission and Scientific Committee Agendas

This table is intended to assist readers in finding information relative to the Commission agenda (SC/55) in the Scientific Committee Report (SC/55) and the Chairman's Report (2003) of IWC/54. Commission agenda items not in this summary were not addressed at the Scientific Committee meeting.

Commission Agenda		Scientific Committee Agenda Item and Annex	Chairman's Report (2003: Agenda Item)
3.	WHALEWATCHING		4
3.1	Report of the SC	14; Annex M	4.1
4.	WHALE STOCKS		5
4.1	Southern Hemisphere minke whales		5.1
4.1.1	Report of the SC	10.2; Annex G	
4.2	Southern Hemisphere blue whales		5.2
4.2.1	Report of the SC	10.3; Annex H	
4.3	Southern Hemisphere humpback whales		5.3
4.3.1	Report of the SC	10.4; Annex H	
4.4	Other stocks – bowhead, right and gray whales		5.5
4.4.1	Report of the SC	10.5; Annex F	
4.5	Other	10.6	5.6
5.	ABORIGINAL SUBSISTENCE WHALING		6
5.1	Aboriginal subsistence whaling scheme	8; Annex E	6.1
5.2	Aboriginal subsistence catch limits	9; Annexes E, F, H	6.3
7.	REVISED MANAGEMENT SCHEME		9
7.1	Revised Management Procedure (RMP)		9.1
7.1.1	Report of the SC		
	* General issues	5; Annex D	
	* Preparations for Implementation (North Pacific minke, North Atlantic minke, western North Pacific Bryde's whale	6.1, 6.2, 6.3; Annex D	
	* Bycatch	7; Annex J	
	* Implications of restricting catches to EEZs or other waters within 200 miles	5.6	
8.	SANCTUARIES		10
8.1	Reviews of sanctuaries		10.1
8.1.1	Improvements to the review process		
	* Report of the SC	17.1; Annex P	
8.1.2	Preparations for review of the Southern Ocean Sanctuary		10.4
	* Report of the SC	17.2; Annex P	
8.2	South Pacific Sanctuary	17.4; Annex P	10.2
8.3	South Atlantic Sanctuary	17.3; Annex P	10.3
10.	SCIENTIFIC PERMITS		12
10.1	Report of the SC	16; Annex O	12.1
10.1.1	Improvements to review procedures	16.1; Annex O	
10.1.2	Review results of existing permits	16.2; Annex O	
10.1.3	Review of new or revised permits	16.3; Annex O	
11.	ENVIRONMENT AND HEALTH ISSUES		13
11.1	Cetacean-fisheries interactions		13.3.1
11.1.1	Report of the SC	12.1; Annex K	
11.2	High latitude climate change effects on cetaceans		13.1

Commission Agenda		Scientific Committee Agenda Item and Annex	Chairman's Report (2003: Agenda Item)
11.2.1	Report of the SC	12.2; Annex K	
11.3	Habitat related issues		13.3
11.3.1	Report of the SC		
	* State of the cetacean environment (SOCER)	12.3.3; Annex K	
	* POLLUTION 2000+	12.3.1; Annex K	
	* Arctic issues	12.3.4; Annex K	
	* SO-GLOBEC/CCAMLR	12.3.2; Annex K	
12.	COOPERATION WITH OTHER ORGANISATIONS		14
12.1	Report of the SC	4	14.1
13.	OTHER SCIENTIFIC COMMITTEE ACTIVITIES, FUTURE WORK PLAN AND ADOPTION OF SC REPORT		15
13.1	Small cetaceans		15.1
13.1.1	Report of the SC	13	
13.2	Other activities		15.2
13.2.1	Report of the SC	11, 15, 18, 20, 22, 23, 24; Annexes I, N	
13.3	Scientific Committee future work plan		15.3
13.3.1	Report of the SC	19	
19.	FINANCIAL STATEMENTS AND BUDGETS		19
19.2	Consideration of estimated budgets, 2003/04 and 2004/05	21	19.2

Annex B1

Agenda

1. Introductory items
 - 1.1 Chair's welcome and opening remarks
 - 1.2 Appointment of rapporteurs
 - 1.3 Meeting procedures and time schedule
 - 1.4 Establishment of sub-committees and working groups
 - 1.5 Computing arrangements
2. Adoption of Agenda
3. Review of available data, documents and reports
 - 3.1 Documents submitted
 - 3.2 National progress reports on research
 - 3.3 Data collection, storage and manipulation
 - 3.3.1 Catches and other statistical material
 - 3.3.2 Progress of data coding and validation projects
 - 3.3.3 Progress on computing tasks
4. Cooperation with other organisations
 - 4.1 CMS
 - 4.1.1 Scientific Council and Conference of Parties
 - 4.1.2 ASCOBANS
 - 4.1.3 ACCOBAMS
 - 4.2 ICES
 - 4.3 IATTC
 - 4.4 ICCAT
 - 4.5 CCAMLR
 - 4.6 Southern Ocean GLOBEC
 - 4.7 NAMMCO
 - 4.8 FAO – COFI
 - 4.9 CITES
 - 4.10 PICES
 - 4.11 ECCO
5. Revised Management Procedure – general issues
 - 5.1 Adjustment of the convergence criteria for the CATCHLIMIT program
 - 5.2 Implications of choice of component of population to which MSYR, MSYL and density dependence apply in RMP trials
 - 5.3 Levels of information required for *pre-implementation assessments* and for proceeding to an *Implementation*
 - 5.3.1 Information required to initiate a *pre-implementation assessment*
 - 5.3.2 Information required for proceeding to *Implementation Simulation Trials*
 - 5.4 Spatio-temporal considerations in the RMP
 - 5.5 Data availability
- 5.6 Implications of restricting whaling to within 200 miles of a whaling nation's coast (EEZ)
- 5.7 Data required: value of collecting tympanic bullae
- 5.8 Comparison of RMP and AWMP
6. RMP – Preparation for *Implementation*
 - 6.1 Complete North Pacific common minke whale *Implementation*
 - 6.1.1 Report of the *Implementation Simulation Trials* Workshop
 - 6.1.2 Report of the Intersessional Steering Group
 - 6.1.3 Relative plausibility of trials
 - 6.1.4 Review results of trials
 - 6.1.5 Implementation options
 - 6.1.6 Review survey plans
 - 6.2 North Atlantic minke whale *Implementation Review*
 - 6.2.1 Report of the pre-meeting working group
 - 6.2.2 Recommendations
 - 6.2.2.1 RMP Management Areas and implementation options
 - 6.2.2.2 *Implementation Simulation Trials*
 - 6.2.2.3 Abundance estimates
 - 6.3 Western North Pacific Bryde's whales
 - 6.3.1 Report of working group on the reconstruction of past catches
 - 6.3.2 Sightings surveys
 - 6.3.3 Work plan
 - 6.4 Initial planning for in-depth assessment of North Pacific minke whales
7. Estimation of Bycatch and Other Human-Induced Mortality
 - 7.1 Estimation of bycatch based on fisheries data and observer programmes
 - 7.1.1 Collation of information from fisheries
 - 7.1.2 Other
 - 7.2 Estimation of bycatch based on genetic data
 - 7.2.1 Report of Bycatch Workshop Feasibility Steering Group
 - 7.3 Work plan
8. Aboriginal Subsistence Whaling Management Procedure
 - 8.1. Review intersessional progress
 - 8.2. Eastern North Pacific gray whales

- 8.2.1 Consideration of potential *SLAs*
- 8.2.2 Review of trial structure
- 8.3 Greenlandic fisheries and the Greenland Research Programme
 - 8.3.1 Stock structure, range and movement
 - 8.3.2 Abundance and trends
 - 8.3.3 Preliminary consideration of management procedures
- 8.4 Scientific aspects of an aboriginal whaling scheme
- 8.5 Dialogue with Commission and hunters
- 8.6 Work Plan
- 9. Aboriginal subsistence whaling stock assessments
 - 9.1 Bering-Chukchi-Beaufort Seas stock of bowhead whales
 - 9.1.1 New scientific information
 - 9.1.2 Catch information
 - 9.1.3 Preparation for in-depth assessment
 - 9.1.4 Management advice
 - 9.2 Eastern North Pacific stock of gray whales
 - 9.2.1 Catch and stranding information
 - 9.2.2 New scientific information
 - 9.2.3 Management advice
 - 9.3 Common minke and fin whales off West Greenland
 - 9.4 Humpback whales off St Vincent and The Grenadines
 - 9.5 Catches by non-member nations
 - 9.6 Work plan
- 10. Whale stocks
 - 10.1 Matters relevant to more than one stock
 - 10.1.1 DESS: progress with data entry and analysis options
 - 10.1.2 SOWER Circumpolar cruises
 - 10.1.2.1 SOWER 2001/02
 - 10.1.2.2 Plans for future cruises
 - 10.1.3 Evaluation of abundance estimators against simulated datasets
 - 10.2 Antarctic minke whales
 - 10.2.1 Review of new data and analyses
 - 10.2.1.1 IDCR/SOWER data
 - 10.2.1.2 New methods to estimate abundance and additional variance
 - 10.2.3 Inter-year comparisons and trend
 - 10.2.3.1 Extrapolation to unsurveyed regions
 - 10.2.3.2 Trends
 - 10.2.4 Other
 - 10.2.4.1 Response to Resolution 2001-7
 - 10.2.4.2 Stock structure
 - 10.2.5 Plans for completion of Antarctic minke review
 - 10.3 Southern Hemisphere blue whales
 - 10.3.1 Abundance and trends estimation
 - 10.3.1.1 Abundance and trends estimation
- 10.3.2 Progress on sub-species identification
 - 10.3.2.3 Genetics
- 10.3.3 Other
- 10.3.4 Work plan
- 10.4 Southern Hemisphere humpback whales
 - 10.4.1 New estimates of abundance and rate of increase, stock structure information
 - 10.4.1.1 Report from intersessional group
 - 10.4.1.2 New estimates of abundance and rates of increase, and new stock structure information
 - 10.4.4 Work plan
- 10.5 Other small stocks – bowhead, right and gray whales
 - 10.5.1 Small stocks of bowhead whales
 - 10.5.1.1 Davis Strait/Baffin Bay and Hudson Bay/Foxe Basin stocks of bowhead whales
 - 10.5.2 North Atlantic right whales
 - 10.5.3 Southern Hemisphere right whales
 - 10.5.4 Other small stocks of right whales
 - 10.5.5 Western North Pacific stock of gray whales
- 10.6 Other
 - 10.6.1 Report of Steering Group on an in depth assessment of sperm whales
 - 10.6.2 Southern Hemisphere fin whales
 - 10.6.3 Humpback whales off Gabon
 - 10.6.4 Consideration of proposals for further in-depth assessments
- 11. Stock Definition
 - 11.1 Statistical and genetic issues pertaining to population structure and modelling
 - 11.1.1 Report of intersessional workshop Committee discussion
 - 11.1.2 Further statistical and genetic issues
 - 11.2 Options for units to conserve, including management implications
 - 11.3 Review instances of recovery of cetacean sub-stocks/units to conserve after severe depletion
 - 11.4 Development of population and harvesting archetypes suitable for consideration in management
 - 11.5 Work plan
- 12. Environmental Concerns
 - 12.1 Modelling cetacean-fisheries interactions
 - 12.1.1 Report of intersessional workshop
 - 12.1.2 Other contributions on multispecies modelling
 - 12.2 High latitude climate change effects on cetaceans
 - 12.2.1 Special session on Southern Ocean climate change and cetaceans

- 12.2.2 Progress reports on SO-GLOBEC/CCAMLR
- 12.3 Habitat-related issues
 - 12.3.1 POLLUTION 2000+
 - 12.3.3 State of Cetacean Environment – consideration of the format of SOCER
 - 12.3.4 Arctic issues
 - 12.3.5 Habitat degradation
 - 12.3.6 Acoustic issues
- 12.4 Work plan and priorities for coming year
- 13. Small Cetaceans
 - 13.1 Review of status of small cetaceans in the Black Sea
 - 13.1.1 Distribution and stock structure
 - 13.1.2 Abundance
 - 13.1.3 Life history
 - 13.1.4 Habitat
 - 13.1.5 Directed catches
 - 13.1.6 Incidental catches
 - 13.1.7 Status
 - 13.2 Progress on previous recommendations
 - 13.2.1 Status of the Baiji
 - 13.2.2 Status of the vaquita
 - 13.2.3 Harbour porpoises in the Baltic Sea
 - 13.2.4 Bycatch mitigation
 - 13.2.5 Dall’s porpoise
 - 13.2.6 Other recommendations
 - 13.3 Takes of small cetaceans
 - 13.4 Work Plan
- 14. Whalewatching
 - 14.1 Whalewatching data collection
 - 14.1.1 Report of intersessional correspondence group
 - 14.2 Whalewatching management workshop
 - 14.3 National whalewatching guidelines and regulations
 - 14.3.1 National guidelines and regulations for whalewatching
 - 14.3.2 Review of guideline effectiveness
 - 14.4 Whale and dolphin ‘swim with’ programmes
 - 14.5 Other
 - 14.5.1 Directory of relevant researchers
 - 14.6 Work plan
- 15. DNA testing
 - 15.1 Progress on genetic methods for species, stock and individual identification
 - 15.2 Progress on genetic methods for species, stock and individual identification
 - 15.3 Reference databases and standards for a diagnostic register of DNA profiles
- 16. Scientific Permits
 - 16.1 Review proposals to facilitate the review process
 - 16.2 Review of results from existing permits
 - 16.2.1 JARPA
- 16.2.2 JARPN II
- 16.3 Review of new or revised proposals
 - 16.3.1 JARPA
 - 16.3.2 A two-year feasibility study on cetaceans in Icelandic waters
- 17. Whale Sanctuaries
 - 17.1 Review proposals to facilitate the review process
 - 17.1.1 Existing criteria
 - 17.1.2 Precautionary Approach in relationship to Sanctuaries
 - 17.1.3 Plenary comments on the review process
 - 17.1.4 Appropriateness of simulation trials for evaluation of sanctuaries
 - 17.1.5 Introduction of MPA concept
 - 17.1.6 Implications of the RMP for sanctuaries
 - 17.2 Preparations for review of Southern Ocean Sanctuary
 - 17.2.1 Relevant information and its preparation
 - 17.2.2 Review process
 - 17.3 South Atlantic sanctuary proposal
 - 17.4 South Pacific sanctuary proposal
- 18. Research proposals and results
 - 18.1 Access to IWC/SOWER cruise biopsy samples
 - 18.2 Research proposals
- 19. Committee priorities and initial agenda for the 2003 meeting
 - 19.1 Committee priorities for SC/55 (2003)
 - 19.2 Committee priorities for SC/56 (2004)
- 20. Data processing and computing needs for 2003/2004
- 21. Funding requirements for 2003/2004
- 22. Working methods of the Committee
 - 22.1 Data availability
- 23. Election of officers
- 24. Publications
- 25. Adoption of Report

Annex C

List of Documents

SC/55/AWMP

- 1 PUNT, A.E. A note regarding an operating model for Type 3 fisheries.
- 2 CLAPHAM, P. The More North Atlantic Humpbacks (MoNAH) Project: An assessment of North Atlantic humpback whales. Report of the planning meeting, Woods Hole, MA, 16-18 April 2003.
- 3 HEIDE-JØRGENSEN, M.P., VÍKINGSSON, G.A. AND OIEN, N.I. Dry periods for baleen whales in the North Atlantic observed by satellite telemetry.
- 4 DEREKSDOTTIR, E.H. AND MAGNUSSON, K.G. Application of the AKF strike limit algorithm to the eastern North Pacific stock of gray whales: initial explorations.
- 5 WITTING, L. On the development of a model uncertainty based Strike Limit Algorithm.
- 6 JOHNSTON, S.J. AND BUTTERWORTH, D.S. Examination of a potential Strike Limit Algorithm for the Eastern North Pacific stock of gray whales.

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- 1 LAVERY, S., STEEL, D., DALEBOUT, M.L., YONG-WOON, M.A., FUNAHASHI, N. AND BAKER, C.S. Market surveys of whales, dolphins and porpoises in Japan and Korea, 2002-2003.
- 2 CIPRIANO, F. New extraction methods and PCR primers for identification of highly processed materials containing cetacean products.
- 3 WOODHEAD, C., WEINRICH, M., ROBBINS, J. AND BRAULT, S. A technique to screen humpback whale populations for risk of serious entanglements using fluke photographs.
- 4 KOZUCK, A., SALVADOR, G., KENNEY, J. AND CLAPHAM, P. Analysis of fishing gear involved in entanglements of right and humpback whales.
- 5 READ, A.J., DRINKER, P. AND NORTHRIDGE, S. By-catches of marine mammals in US fisheries and a first attempt to estimate the magnitude of global marine mammal by-catch.
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- 2 PERRYMAN, W.L. AND ROWLETT, R.A. Preliminary results of a shore-based survey of northbound gray whale calves in 2002 and a prediction for the calf count in 2003 based on the spatial and temporal distribution of seasonal ice during the spring and early summer of 2002.
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- 4 CLARK, C.W., COLBY, J.A., CORTOPASSI, K., PONIRAKIS, D., FOWLER, M.C., TESSAGLIA-HYMES, C., FRISTRUP, K.M., DUNSMORE, K.J. AND GEORGE, J.C. Passive acoustic locations and offshore distribution of bowhead whales (*Balaena mysticetus*) during the entire Spring 2001 census off Pt. Barrow, Alaska.
- 5 SUYDAM, R.S., GEORGE, J.C., O'HARA, T.M. AND SHEFFIELD, G. Subsistence harvest of bowhead whales by Alaskan Eskimos during 2002.
- 6 [NO PAPER]
- 7 GEORGE, J.C., ZEH, J., SUYDAM, R. AND CLARK, C. N_4/P_4 abundance estimate for the Bering-Chukchi-Beaufort Seas stock of bowhead whales, *Balaena mysticetus*, based on the 2001 census off Point Barrow, Alaska.
- 8 IÑIGUEZ, M., BELGRANO, J., TOMSIN, A., DE HARO, C., GRIBAUDO, C. AND TOSSENBERGER, V. Sighting and stranding of southern right whales (*Eubalaena australis*) off Santa Cruz, Patagonia Argentina (1986-2003).
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- 10 PUNT, A.E., BREIWICK, J.M. AND GEORGE, J.C. Including age- and length-composition information in the assessment of the B-C-B Seas stock of bowhead whales.
- 11 SWARTZ, S.L., URBAN, R, J. AND THE WHALE TRUST. Rescue, archiving and analysis of photographic-identification data for eastern North Pacific gray whales on their winter breeding/calving range: progress report no. 1 March 2003.

- 12 KATO, H., ZENITANI, R. AND SUEYOSHI, T. A western North Pacific gray whale carcass chanced to be found on the beach of Miyazaki, southern Japan in March 2002, with some skeletal measurements.
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- 15 CLAPHAM, P. AND SILBER, G. Update on North Atlantic right whale research and management.
- 16 CLAPHAM, P. Report of the working group on survival estimation for North Atlantic right whales, Woods Hole, MA, 9th September 2002.
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- 18 WADE, P.R., BURDIN, A.M., BRADFORD, A.L., BROWNELL, R.L. AND WELLER, D.W. Abundance estimates of western gray whales (*Eschrichtius robustus*) off northeastern Sakhalin Island, Russia.
- 19 BURDIN, A.M., WELLER, D.W., TSIDULKO, G.A. AND BROWNELL, R.L. Status of the western gray whale population off northeastern Sakhalin Island, Russia in 2002.
- 20 BURDIN, A.M., WELLER, D.W., TSIDULKO, G.A. AND BROWNELL, R.L. Russia-US research program on western gray whales off northeastern Sakhalin Island in 2003.
- 21 URBAN R, J., GOMEZ-GALLARDO, A., ROJAS-BRACHO, L. AND PEREZ-CORTES, H. Gray whale winter season 2003 in Mexican waters.
- 22 BORODIN, R. Report of the aboriginal subsistence whale harvest of the Russian Federation in 2002.

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- 1 VAN BRESSEM, M.-F., VAN WAEREBEEK, K., RAGA, J.A., GASPAR, R., DI BENEDITTO, A.P., RAMOS, R. AND SIEBERT, U. Tattoo disease of odontocetes as a potential indicator of a degrading or stressful environment: a preliminary report.
- 2 ROJAS-BRACHO, L., JARAMILLO-LEGORRETA, A., URBÁN, J. AND MANZANILLA-NAIM, S. The Nautical Steps tourist development: an update.
- 3 KRAHN, M.M., HERMAN, D.P., YLITALO, G.M., SLOAN, C.A., BURROWS, D.G., HOBBS, R.C., MAHONEY, B.A., YANAGIDA, G.K. AND CALAMBOKIDIS, J. Blubber stratification in white whales and killer whales: variability in contaminant concentrations, fatty acid profiles, lipid percent and lipid class profiles that has implications for biopsy sampling.
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- 5 DOLMAN, S.J. AND SIMMONDS, M.P. Update on the impacts of acoustic pollution: with particular regard to research developments.
- 6 TAYLOR, M. Habitat degradation in the context of climate change: A review of recent work.
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SC/55/Rep

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- 2 Report of the Second Workshop on North Pacific Common Minke Whale *Implementation Simulation Trials*, Seattle, USA, 15-18 January 2003.
- 3 Report of the Workshop to Design Simulation-Based Performance Tests for Evaluating Methods Used to Infer Population Structure from Genetic Data, La Jolla, USA, 21-24 January 2003.
- 4 Report of the Workshop on the Western Gray Whale: Research and Monitoring Needs, Ulsan, Korea, 22-25 October 2002.

IWC/55 papers distributed to the Scientific Committee

- 5 GOVERNMENT OF NEW ZEALAND AND GOVERNMENT OF AUSTRALIA. A South Pacific whale sanctuary.
- 6 GOVERNMENT OF BRAZIL AND GOVERNMENT OF ARGENTINA. The South Atlantic: A Sanctuary for Whales.
- 8 Co-operation with other organisations.

SC/55/ProgReps

Argentina	Ireland	Norway
Australia	Italy	Oman
Brazil	Japan	South Africa
Denmark	Korea	Spain
France	Mexico	Sweden
Germany	Netherlands	UK
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