

Annex A

List of Participants

Antigua & Barbuda

Tricia Lovell (H)

Argentina

Miguel Iniguez (H)

Australia

Nick Gales (H)

Jason Gedamke

Gill Slocum

Debbie Thiele

Austria

Michael Stachowitsch (H)

Belgium

Koen Van Waerebeek (H)

Brazil

José Truda Palazzo Jr. (H)

Régis Pinto de Lima

Márcia Engel

Karina Rejane Groch

Denmark

Lars Witting (H)

Michael Kingsley

Dominica

Andrew Magloire (H)

France

Vincent Ridoux (H)

Jean-Benoit Charrassin

Germany

Karl Hermann Kock (H)

Fabian Ritter

Wolfgang Dinter

Grenada

Justin Rennie

Frank Hester

Iceland

Gisli Vikingsson (H)

Anna-Kristin Danielsdottir

Droplaug Olafsdottir

Thorvaldur Gunnlaugsson

Ireland

Emer Rogan (H)

Italy

Caterina Fortuna (H)

Bruno Cozzi

Simone Panigada

Japan

Hiroshi Hatanaka (H)

Takeharu Bando

Yoshihiro Fujise

Dan Goodman

Mutsuo Goto

Takashi Hakamada

Masato Hayashi

Toshihide Iwasaki

Naohisa Kanda

Hidehiro Kato

Shigeyuki Kawahara

Toshihide Kitakado

Akihiro Mae

Koji Matsuoka

Tomio Miyashita

Joji Morishita

Hiroto Murase

Shigetoshi Nishiwaki

Futoshi Nishiyama

Seiji Ohsumi

Hiroshi Okamura

Luis Pastene

Hiroyuki Shimada

Eiji Tanaka

Haruo Tominaga

Hideyoshi Yoshida

Ryoko Zenitani

Saemi Baba (I)

Midori Ota (I)

Yoko Yamakage (I)

Hiroko Yasokawa (I)

Republic of Korea

Zang Geun Kim (H)

Yong Rock AN

Hyung-Kee Cha

Jung-Haw Choi

Seok-Gwan Choi

Yeong Gong

Hee-Dong Jeong

Hyun-Su Jo

Doo-Nam Kim

Hyun Woo Kim

Sang-Woo Kim

Seong-Gil Kim

Soon-Song Kim

Yeong-Seung Kim

Jeong-Rack Koh

Ju Young Lee

Yoo-Won Lee

Dae-Yeon Moon

Jong-Hun Na

Taeg-Yun Oh

Jung Youn Park

Kyum-Joon Park

Hyeong-II Shin

Sung Kwon Soh

Hawsun Sohn

Kyung-Jun Song

Won Seok Yang

Chang-Ik Zhang

Mexico

Lorenzo Rojas-Bracho (H)

Jorge Urban Ramirez

Netherlands

Peter Reijnders (H)

New Zealand

Simon Childerhouse (H)

C. Scott Baker

Mike Donoghue

Nicaragua

Manuel Pérez Moreno

Norway

Lars Walløe (H)

Arne Bjørge

Sidsel Grønvik

Nils Øien

Tore Schweder

Hans Julius Skaug

Portugal

Marina Sequeira

Russian Federation

Rudolf Borodin (H)

Valentin Ilyashenko

Vladimir Melnikov

Valery Vladimirov

Olga Ipatova (I)

St. Kitts & Nevis

Joseph Simmonds (H)

St. Lucia

Jeannine Rambally (H)

St. Vincent and The Grenadines

Sophia Punnett (H)

Spain

Santiago Lens (H)

Sweden

Per Berggren (H)

Switzerland

David Senn (H)

UK

Laurie Kell (H)

Clare Bass

Phil Hammond

Russell Leaper

Simon Northridge

Chris Parsons

Laila Sadler

Mark Simmonds

Ben Wilson

USA

Debbie Palka (H)

John Bickham

Jeff Breiwick

Bob Brownell Jr.

Carole Carlson

Phil Clapham

Doug DeMaster

Craig George

Geof Givens

Peggy Krahn

Rick LeDuc

Sue Moore

Nathan Pamplin

Bill Perrin

Jooke Robbins

Howard Rosenbaum

Teri Rowles

Robert Suydam

Paul Wade

Robin Waples

Judy Zeh

Invited Participants

Grant Abel

Liselotte Andersen

John Bannister

Trevor Branch

Anabela Brandao

Mark Bravington

Louise Burt

Doug Butterworth

Lien-Siang Chou

Frank Cipriano

Tim Collins

Paul Ensor

Valeriy Fadeev

Ken Findlay

Naoko Funahashi

Susan Holloway

Samuel Hung

Tom Jefferson

Toshio Kasuya

Tatiana Konovalova.

David Mattila

Mitsuyo Mori

Todd O'Hara

Carlos Olavarria

Per Palsboll

Tom Polacheck

Cristina Pomilla

Lindsay Porter

Andre Punt

Naomi Rose

Eduardo Secchi

Kunio Shirakihara

Mariano Sironi

Brian Smith

Ralph Tiedemann

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Limin Wang

Mason Weinrich

Rob Williams

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Yury Yakovlev

Chiou-Ju Yao

Alex Zerbini

Qian Zhu

NON-MEMBER

GOVERNMENT

OBSERVERS

Lianne Postma (Canada)

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ORGANISATIONS

Caterina Fortuna

(ACCOBAMS)

Karl-Hermann Kock

(CCAMLR)

Nigel Lawrence (ECCO)

Justin Cooke (IUCN)

Hidehiro Kato (PICES)

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Johnny Young (EXXON)

IWC

Cherry Allison

Greg Donovan

Nicky Grandy

Marion Hughes

Jemma Miller

(H) = Head of Delegation

(I) = Interpreter

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 Catch data and other statistical material
 - 3.3.2 Progress of data coding projects and computing tasks
4. Cooperation with other organisations
 - 4.1 Convention on the Conservation of Migratory Species (CMS)
 - 4.1.1 Scientific Council
 - 4.1.2 Agreement on Small Cetaceans of the Baltic and North Sea (ASCOBANS)
 - 4.1.3 Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area (ACCOBAMS)
 - 4.2 International Council for the Exploration of the Sea (ICES)
 - 4.3 Inter-American Tropical Tuna Commission (IATTC)
 - 4.4 International Commission for the Conservation of Atlantic Tunas (ICCAT)
 - 4.5 Convention for the Conservation of Antarctic Marine Living Resources (CCAMLR)
 - 4.6 Southern Ocean Global Ecosystem Dynamics (SO-GLOBEC)
 - 4.7 North Atlantic Marine Mammal Commission (NAMMCO)
 - 4.8 International Union for the Conservation of Nature (IUCN)
 - 4.9 Food & Agriculture Organisation (FAO)
 - 4.10 North Pacific Marine Science Organisation (PICES)
 - 4.11 Eastern Caribbean Cetacean Commission (ECCO)
5. Revised Management Procedure (RMP) – general issues (see Annex D)
 - 5.1 Finalise the guidelines and requirements for implementing the RMP
 - 5.1.1 Develop the thresholds for defining 'acceptable', and borderline, performance for classifying the performance of RMP variants for *Implementation Simulation Trials*
 - 5.1.2. Develop a list of agreed stock structure archetypes
 - 5.2 Further develop the 'simple model filter'
 - 5.3 Finalise the issue of spatio-temporal considerations
 - 5.4 Finalise the issue of the CATCHLIMIT program for running it in trials situation
 - 5.5 Proposal for revision of the RMP
 - 5.6 Other
 - 5.7 Work plan
6. RMP – preparations for *Implementation* (see Annex D)
 - 6.1 Western North Pacific Bryde's whales
 - 6.1.1 Report from the intersessional Workshop on the *pre-implementation assessment* for western North Pacific Bryde's whale
 - 6.1.2 Preparation for *implementation*
 - 6.1.2.1 Progress on *pre-implementation*
 - 6.1.2.2 Recommended action
 - 6.2. Review of information on the North Atlantic fin whale

- 6.2.1 Review progress on the development of stock structure hypotheses as part of the *pre-implementation assessment* for North Atlantic fin whales.
- 6.2.2 Planning for completion of the *pre-implementation assessment*
- 6.3 Work plan
- 7. Estimation of bycatch and other human-induced mortality (Annex J)
 - 7.1 Estimation of bycatch based on fisheries data and observer programmes
 - 7.1.1. Review data from FAO
 - 7.1.2 Review progress on standardised reporting in progress reports
 - 7.1.3 Determination of appropriate coverage rates for estimating cetacean bycatch
 - 7.2 Estimation of bycatch based on genetic data
 - 7.2.1 Review results from intersessional workshop on the market survey approach
 - 7.2.2 Develop recommendations regarding use of market based approaches in RMP context
 - 7.3 Empirical analysis of the functional relationship between bycatch levels to fishing effort and to population abundance
 - 7.4 Information and methods on estimates of cetacean mortality caused by vessel strikes
 - 7.5. Information and methods on estimates of cetacean mortality caused by other human activities
 - 7.6 Work plan
- 8. Aboriginal Subsistence Whaling Management Procedure and stock assessment (see Annex E)
 - 8.1 Greenlandic fisheries and the Greenland research programme
 - 8.1.1 Stock structure, range and movement
 - 8.1.1.1 Genetic information
 - 8.1.1.2 Catch distributions
 - 8.1.2 Abundance and trends
 - 8.1.2.1 Methods
 - 8.1.2.2 Survey results
 - 8.1.3 Preliminary consideration of management procedures
 - 8.2 Annual review of catch data and management advice for common minke and fin whales off Greenland
 - 8.2.1 Catches
 - 8.2.2 Assessments
 - 8.2.3 Management advice
 - 8.2.3.1 Introduction
 - 8.2.3.2 Common minke whales
 - 8.2.3.3 Fin whales
 - 8.2.3.4 Other research recommendations
 - 8.3 Annual review of catch data and management advice for humpback whales off St. Vincent and The Grenadines
 - 8.4 Planning for a bowhead whale *Implementation Review* in 2007
 - 8.5 Scientific aspects of an Aboriginal Subsistence Whaling Scheme
 - 8.6 Work plan
 - 8.6.1 Greenland
 - 8.6.2 Bowhead whales
 - 8.6.3 Priority topics for the 2006 meeting
- 9. Aboriginal subsistence whaling stock assessments on bowhead, right, and gray whales (see Annex F)
 - 9.1 Bering-Chukchi-Beaufort Seas bowhead whale stock identity
 - 9.2 Catch data and management advice for the Bering-Chukchi-Beaufort Seas bowhead whale
 - 9.2.1 Catch information
 - 9.2.2 Management advice
 - 9.3 Catch data and management advice for the eastern North Pacific gray whale
 - 9.3.1 Catch information
 - 9.3.2 Management advice
 - 9.4 Implications of the special pre-meeting: sea ice and whale habitat
 - 9.5 Catches by non-member countries
 - 9.6 Work plan
- 10. Whale stocks
 - 10.1 Antarctic minke whales (see Annex G)

- 10.1.1 Estimate abundance of Antarctic minke whales
 - 10.1.1.1 The 2004/05 SOWER cruise
 - 10.1.1.2 Results from simulated data
 - 10.1.1.3 Results from cruise data
 - 10.1.1.4 Additional variance
 - 10.1.1.5 Estimate abundance using JARPA data
- 10.1.2 Reasons for differences between Antarctic minke abundance estimates from CPII and CPIII
 - 10.1.2.1 Implications of sea ice and whale habitat
 - 10.1.2.2 Population dynamic model method to estimate trends and possible differences
 - 10.1.2.2.1 Report from intersessional working group
 - 10.1.2.2.2 Abundance estimates from SOWER and JARPA used in population dynamic models
 - 10.1.2.2.3 Results from preliminary analyses
 - 10.1.2.3 Other
- 10.2.1 Report from intersessional steering group
- 10.2.2 Distribution and abundance
 - 10.2.2.1 Plans for future surveys
- 10.2.3 Stock structure
- 10.2.4 Biological parameters
- 10.2.5 Total takes
- 10.2.6 Assessment methodology
- 10.2.7 Other
- 10.2.8 Future work
- 10.3 Southern Hemisphere whale stocks other than Antarctic minke and right whales (see Annex H)
 - 10.3.1 In-depth assessment of Southern Hemisphere humpback whales
 - 10.3.1.1 Report of the intersessional group
 - 10.3.1.2 Distribution and allocation of historic catches
 - 10.3.1.3 New information on abundance, rates of increase and stock structure
 - 10.3.1.4 Population dynamics modelling
 - 10.3.1.5 Antarctic humpback whale catalogue
 - 10.3.2 Assessment of Southern Hemisphere blue whales
 - 10.3.2.1 New information
 - 10.3.3 Work plan
- 10.4 Other small stocks – bowhead, right and gray whales (see Annex F)
 - 10.4.1 Small stocks of bowhead whales
 - 10.4.2 North Atlantic right whales
 - 10.4.3 Southern Hemisphere right whales
 - 10.4.4 Other small stocks of right whales
 - 10.4.5. Western North Pacific stock of gray whales
 - 10.4.6 Work plan
- 10.5 Future SOWER cruises (see Annex G)
 - 10.5.1 Report from intersessional workshop
 - 10.5.2 Recommendations for future SOWER cruises
 - 10.5.2.1 2005/06 season
 - 10.5.2.2 Long term
- 10.6 Other
 - 10.6.1. Report from a non-IWC sponsored workshop on sperm whales
 - 10.6.2 Consideration of proposals for further in-depth assessments
 - 10.6.3 Historic abundance estimation, genetic methods
 - 10.6.3.1 Genetic issues (notably mode and rate of mtDNA mutations to translate genetic diversity into effective population size)
 - 10.6.3.2 Statistical reliability of catch records
 - 10.6.3.3 Other issues
- 10.7 Work plan and budget request
 - 10.7.1 Sub-committee on in-depth assessments

11. Stock definition (see Annex I)

- 11.1 Review progress on the TOSSM project (testing of spatial structure models)

- 11.2 Review of statistical and genetic issues relating to population structure (including DNA quality issues)
- 11.3 Definition of unit-to-serve and the implications for management
- 11.4 Work plan and draft agenda for 2006
- 12. Environmental concerns (see Annex K)
 - 12.1 Sea ice and whale habitat: a joint special pre-meeting session with IA and BRG
 - 12.2 Review of the report of the habitat degradation workshop
 - 12.3 Habitat related issues
 - 12.3.1 Steering group report on POLLUTION 2000+
 - 12.3.2 Progress report on Southern Ocean Collobaration Working Group
 - 12.3.3 State of the Cetacean Environment Report (SOCER)
 - 12.3.4 Arctic issues
 - 12.3.5 Anthropogenic noise
 - 12.3.6 Other
 - 12.4 Work plan
 - 12.4.1 SOCER
 - 12.4.2 Sea ice
 - 12.4.2.1 Arctic
 - 12.4.2.2 Antarctic
 - 12.4.3 Seismic workshop
 - 12.4.4 Disease
- 13. Small cetaceans (see Annex I)
 - 13.1 Review of the status of finless porpoise (marine populations)
 - 13.1.1 Distribution and stock structure
 - 13.1.2 Abundance
 - 13.1.3 Life history
 - 13.1.4 Ecology and habitat
 - 13.1.5 Directed and incidental takes
 - 13.1.6 Consideration of status
 - 13.2 Progress on previous recommendations
 - 13.2.1 Baiji
 - 13.2.2 Vaquita
 - 13.2.3 Harbour porpoise
 - 13.2.4 Humpback dolphin (*Sousa spp.*)
 - 13.2.5 Irrawaddy dolphin
 - 13.2.6 Other recommendations
 - 13.3 Consideration of revision of IWC cetacean list
 - 13.4 Takes of small cetaceans
 - 13.5 Work plan
- 14. Whalewatching (see Annex M)
 - 14.1 Report of intersessional Working Group
 - 14.2 Biological impacts of whalewatching on whales
 - 14.3 Review of published whalewatching guidelines and regulations
 - 14.4 Development of the scientific foundation of whalewatching guidelines
 - 14.5 Other topics
 - 14.5.1 Review of risk to cetaceans of high-speed whalewatching boats
 - 14.5.2 Review of potential impacts of 'swim-with' programmes on populations of cetaceans
 - 14.5.3 Other
 - 14.6 Work plan
- 15. DNA testing (see Annex N)
 - 15.1 Progress on genetic methods for species, stock and individual identification
 - 15.2 Collection and archiving of samples from catches and bycatch
 - 15.3 Reference databases and standards for a diagnostic register of DNA profiles
 - 15.4 Work plan
- 16. Scientific permits (see Annex O)

- 16.1 Review of results from existing permits
 - 16.1.1 Japan – Antarctic minke whales
 - 16.1.2 Japan – North Pacific common minke, Bryde's, sei and sperm whales
 - 16.1.3 Iceland – North Atlantic common minke whales
 - 16.1.4 Review report from non-IWC meeting on JARPA results
 - 16.1.5 Preparations for JARPA review
 - 16.1.6 Responses to previous Scientific Committee reviews
- 16.2 Review of new or continuing proposals
 - 16.2.1 JARPA II
 - 16.2.2 JARPN II
 - 16.2.3 Iceland
- 16.3 Proposals to facilitate the review process of scientific permits

- 17. Whale sanctuaries
 - 17.1 Background information regarding reviews of sanctuary proposals
 - 17.2 Instructions from the Commission to the Scientific Committee for reviews of Sanctuaries
 - 17.2.1 Proponents section
 - 17.2.2 Opponents section
 - 17.2.3 Recommendations from the Commission for reviews of Sanctuaries
 - 17.3 Recommendations from the 2004 Scientific Committee meeting for reviews of Sanctuaries

- 18. Research and workshop proposals and results
 - 18.1 Results from previously funded research proposals
 - 18.2 Review proposals for 2005/2006

- 19. Committee priorities and initial agenda for the 2006 meeting
 - 19.1 Committee priorities for SC/57 (2005)
 - 19.2 Committee priorities for SC/58 (2006)

- 20. Data processing and computing needs for 2005/2006

- 21. Funding requirements for 2005/2006

- 22. Working methods of the Committee

- 23. Election of officers

- 24. Publications

- 25. Other business

- 26. Adoption of report

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/57) in the Scientific Committee Report (SC/57) and the Chairman's Report (2005) of IWC/56. Commission agenda items not in this summary were not addressed at the Scientific Committee meeting.

No.	Commission Agenda	Scientific Committee Agenda Item and Annex	Chair's Report (2005: Agenda Item)
4.	WHALE STOCKS		4 and 5
4.1	Antarctic minke whales		4.2
4.1.1	Report of the SC	10.1, 10.5; Annex G	
4.2	In-dept assessment of western North Pacific common minke whales		4.1
4.2.1	Report of the SC	10.2; Annex G	
4.3	Southern Hemisphere whales other than minke whales		4.3
4.3.1	Report of the SC	10.3; Annex H	
4.4	Other small stocks- bowhead, right and gray whales		4.4
4.4.1	Report of the SC	10.4; Annex F	
4.5	Other	10.6	14.2
5.	ABORIGINAL SUBSISTENCE WHALING		5
5.1	Aboriginal subsistence whaling scheme	8; Annex E	5.1, 5.2
5.2	Aboriginal subsistence catch limits	9; Annexes E, F	5.3
6.	REVISED MANAGEMENT SCHEME		6
6.1	Revised Management Procedure (RMP)		6.1; 6.2
6.1.1	Report of the Scientific Committee		
	• General issues	5; Annex D	
	• Preparations for Implementation (western North Pacific Bryde's whale, North Atlantic fin whale)	6.1, 6.2; Annex D	
	• Bycatch	7; Annex J	
8.	SANCTUARIES		8
8.1	Proposal to amend the Schedule to establish a South Atlantic Whale Sanctuary		8.4
8.1.2	Reports from the Scientific Committee and Conservation Committee	17, Annex P	
10.	SCIENTIFIC PERMITS		10
10.1	Report of the Scientific Committee	16; Annex O	10.1
10.1.1	Review results of existing permits	16.1; Annex O	
10.1.2	Review of new or revised permits	16.2; Annex O	
10.1.3	Other		
11.	ENVIRONMENT AND HEALTH ISSUES		11
11.1	Sea ice and whale habitat		11.1
11.1.1	Report of the SC	12.1; Annex K	
11.2	Review of the workshop on habitat degradation		11.1
11.2.1	Report of the SC	12.2; Annex K	
11.3	Other habitat-related issues		
11.3.1	Report of the Scientific Committee		
	• POLLUTION 2000+	12.3.1; Annex K	
	• SO-GLOBEC/CCAMLR	12.3.2; Annex K	
	• State of the Cetacean Environment (SOCER)	12.3.3; Annex K	
	• Arctic issues	12.3.4; Annex K	
	• Anthropogenic noise	12.3.5; Annex K	
12	WHALEWATCHING		12
12.1	Report of the SC	14; Annex M	
13.	COOPERATION WITH OTHER ORGANISATIONS		13
13.1	Report of the Scientific Committee	4	13.1
14.	OTHER SCIENTIFIC COMMITTEE ACTIVITIES, FUTURE WORK PLAN AND ADOPTION OF SCIENTIFIC COMMITTEE REPORT		14
14.1	Small cetaceans		14.1
14.1.1	Report of the SC	13; Annex L	
14.2	Other activities		14.2
14.2.1	Report of the SC	11, 15, 18, 20, 22, 23, 24; Annexes I, N	
14.3	Scientific Committee future work plan		14.3
14.3.1	Report of the SC	19	
20	FINANCIAL STATEMENTS AND BUDGETS		22
20.2	Consideration of estimated budgets, 2004/05 and 2005/06	21	22.2