

Annex A

List of Participants

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IWC

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(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 Catches and other statistical material
 - 3.3.2 Progress of data coding projects
 - 3.3.3 Progress on program verification projects and other computing tasks
 - 3.3.4 Whale marking, including artificial and natural marks
4. Cooperation with other organisations
 - 4.1 CMS
 - 4.1.1 Scientific Council
 - 4.1.2 ASCOBANS
 - 4.1.3 ACCOBAMS
 - 4.2 ICES
 - 4.3 IATTC
 - 4.4 CCAMLR
 - 4.5 Southern Ocean GLOBEC
 - 4.6 NAMMCO
 - 4.7 FAO – Committee on Fisheries
 - 4.8 Other
 - 4.8.1 PICES
 - 4.8.2 CITES
 - 4.8.3 IUCN
 - 4.8.4 ECCO
5. Revised Management Procedure (RMP) – general issues
 - 5.1 Evaluation of *CLA* program and tuning
 - 5.2 Population component to which *MSYR*, *MSYL*, density dependence should apply
 - 5.3 Evaluation of abundance estimators against simulated datasets
 - 5.3.1 Report of intersessional group
 - 5.3.2 Other
 - 5.3.3 Future work
 - 5.4 Annotations to the RMP
 - 5.5 Work plan
 - 5.6 Other
6. RMP – Preparations for implementation
 - 6.1 Purpose of *Implementation Simulation Trials*
 - 6.2 North Pacific minke whales
 - 6.2.1 *Implementation Simulation Trials*
 - 6.2.1.1 Report of the Intersessional Correspondence Group
 - 6.2.1.2 Discussion
 - 6.2.2 Sightings surveys
 - 6.2.3 Other
 - 6.3 Western North Pacific Bryde's whales
 - 6.3.1 Report of the *Implementation Simulation Trials* group
 - 6.3.2 Sightings surveys
 - 6.3.3 Other
 - 6.4 North Atlantic minke whales - plan for Implementation Review in 2002
 - 6.4.1 Sighting surveys
 - 6.4.2 Other
 - 6.4.3 Preparation for Implementation Review
 - 6.5 Work plan
7. Estimation of bycatch and other human-induced mortality
 - 7.1 Bycatch estimation methods
 - 7.1.1 Estimates based on fisheries data and observer programmes
 - 7.1.2 Estimates based on genetic data
 - 7.1.3 Other methods
 - 7.2 Estimation of mortality from ship strikes
 - 7.3 Other
 - 7.4 Work plan
8. Aboriginal Subsistence Whaling Management Procedure (AWMP)
 - 8.1 Review intersessional progress
 - 8.2 Bering-Chukchi-Beaufort Seas bowhead whales
 - 8.2.1 Description of potential procedures for bowhead whales
 - 8.2.1.1 The Dereksdottir-Magnusson (D-M) *SLA*
 - 8.2.1.2 Givens *SLA* 1 (G-G)
 - 8.2.1.3 Givens *SLA* 2 (G-M)
 - 8.2.1.4 The Johnston-Butterworth (J-B) *SLA*
 - 8.2.1.5 The Punt (A-P) *SLA*
 - 8.2.2 Principles of selection of *SLAs*
 - 8.2.3 Review of results of the bowhead trials
 - 8.2.3.1 Initial consideration of preferred candidate(s)
 - 8.2.3.2 Comparison of *SLAs* using the *Evaluation trials*

- 8.2.3.3 General features of the D-M and G-G SLAs
 - 8.2.3.4 Comparison of *SLAs* using the *Robustness* and *Cross-validation Trials*
 - 8.2.3.5 Selection of preferred *SLA(s)*
 - 8.3 Eastern North Pacific gray whales
 - 8.4 Progress on development of potential *SLAs* for Greenlandic fisheries and the Greenland Research Programme
 - 8.4.1 Stock structure, range, movement
 - 8.4.2 Abundance and trends
 - 8.4.3 Preliminary consideration of management procedures
 - 8.4.4 Biological data
 - 8.4.5 Recommendations
 - 8.4.5.1 Annual inshore surveys
 - 8.4.5.2 Exploratory simulation studies
 - 8.4.5.3 Satellite tagging
 - 8.4.5.4 Planning for a large-scale survey
 - 8.5 Progress on consideration of fishery Type-3
 - 8.6 Scientific aspects of an Aboriginal Subsistence Whaling Scheme
 - 8.6.1 'Rules'
 - 8.6.1.1 Carry-over
 - 8.6.1.2 Phase-out (and survey interval)
 - 8.6.2 Guidelines for surveys
 - 8.6.2.1 Survey/census methodology and design
 - 8.6.2.2 Committee oversight
 - 8.6.2.3 Data analysis
 - 8.6.3 Guidelines for data/sample collection
 - 8.7 Presentation to the Commission
 - 8.8 Work plan
- 9. Aboriginal subsistence whaling stock assessments
 - 9.1 Annual review of catches and catch limits
 - 9.1.1 Bering-Chukchi-Beaufort seas stock of bowhead whales
 - 9.1.1.1 New scientific information
 - 9.1.1.2 Catch information
 - 9.1.1.3 Management advice
 - 9.1.2 Eastern North Pacific stock of gray whales
 - 9.1.2.1 New scientific information
 - 9.1.2.2 Catch information
 - 9.1.2.3 Management advice
 - 9.1.2.4 Review preparation for 2002 In-depth Assessment
 - 9.1.3 Minke whales and fin whales off Greenland
 - 9.1.4 Humpback whales off St. Vincent and The Grenadines
 - 9.2 Catches by non-member states
 - 9.3 Contaminated gray whales from the eastern North Pacific stock
 - 9.4 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 2000/01
 - 10.1.2.2 Plans for future cruises
 - 10.2 Southern Hemisphere minke whales – abundance estimation
 - 10.2.1 Review of new data
 - 10.2.2 Updated estimates by Area
 - 10.2.2.1 Overview of data collection and training methods
 - 10.2.2.2 Review of current IWC line transect analytical methodology
 - 10.2.2.3 Factors that may influence abundance estimates and their trends
 - 10.2.3 Inter-year comparisons and trend
 - 10.2.3.1 Dealing with variable partial coverage
 - 10.2.3.2 Trends in abundance
 - 10.2.4 Plans for completion of minke review
 - 10.2.4.1 Design issues
 - 10.2.4.2 Work plan
 - 10.2.5 Other
 - 10.3 Southern Hemisphere blue whales – plan for assessment
 - 10.3.1 Abundance estimation
 - 10.3.2 Progress on sub-species differentiation
 - 10.3.3 Other
 - 10.3.4 Work plan
 - 10.4 Southern Hemisphere humpback whales – review progress towards assessment
 - 10.4.1 Abundance estimation
 - 10.4.2 Further population dynamics modelling
 - 10.4.3 Other
 - 10.4.4 Work plan
 - 10.5 Southern Hemisphere fin whales
 - 10.5.1 Abundance estimation
 - 10.5.2 Work plan towards future assessment
 - 10.6 North Atlantic humpback whales
 - 10.6.1 Stock identification
 - 10.6.2 Abundance and trends
 - 10.6.2.1 Methodological issues
 - 10.6.2.2 Feeding ground estimates
 - 10.6.2.3 Breeding ground/Ocean basin estimates
 - 10.6.2.4 Trends
 - 10.6.3 Biological parameters
 - 10.6.4 Catches and incidental takes
 - 10.6.5 Environmental concerns
 - 10.6.6 Assessment and management advice
 - 10.6.6.1 Specification of assessment
 - 10.6.6.2 Results of assessment model runs
 - 10.6.6.3 Management advice
 - 10.6.7 Work plan for completing assessment
 - 10.6.7.1 Model development
 - 10.6.7.2 Catch data
 - 10.6.7.3 Additional analyses and data collection
 - 10.7 Other small stocks – bowhead, right and gray whales (BRG)
 - 10.7.1 Small stocks of bowhead whales
 - 10.7.1.1 Davis Strait/Baffin Bay and Hudson Bay/Foxe Basin stocks of bowhead whales
 - 10.7.1.2 Other stocks
 - 10.7.2 North Atlantic right whales – progress on recommendations
 - 10.7.3 Southern Hemisphere right whales – research progress

- 10.7.4 Other small stocks of right whales
- 10.7.5 Western North Pacific gray whales
- 10.7.6 Work plan
- 10.8 Other
- 11. Stock Definition (SD)
 - 11.1 Terminology
 - 11.2 Case studies
 - 11.2.1 Review of stock structure in North Atlantic minke whales
 - 11.2.2 Review of stock structure in humpback whales worldwide
 - 11.3 Recoveries of cetacean (sub)stocks after severe depletion
 - 11.4 Non-genetic information
 - 11.4.2 Framework for combining genetic and non-genetic information
 - 11.5 Archetypes of stock structure, harvest regime and management objectives
 - 11.6 Statistical issues pertaining to stock definition
 - 11.7 Ways to define stocks for harvested or potentially harvested cetaceans
 - 11.8 Work plan
- 12. Environmental Concerns (E)
 - 12.1 Pollution issues
 - 12.1.1 POLLUTION 2000+ research programme
 - 12.1.2 Progress on Phase I validation/calibration studies
 - 12.1.2.1 Bottlenose dolphin sub-project: Sarasota Bay and Charlotte Harbor
 - 12.1.2.2 Harbour porpoise sub-project
 - 12.1.3 The 'mini-symposium'
 - 12.2 SOWER 2000
 - 12.2.1 Progress on IWC-CCAMLR research
 - 12.2.2 Collaboration with SO-GLOBEC
 - 12.3 Habitat related issues
 - 12.3.1 State of Cetacean Environment
 - 12.3.2 Workshop on Habitat Degradation
 - 12.3.3 Research relevant to the Arctic
 - 12.3.4 Competition between cetaceans and fisheries
 - 12.3.5 Linking environmental measures and cetacean demographics
 - 12.4 Health effects from the consumption of cetaceans
 - 12.4.1 WHO contaminant reporting requirements
 - 12.4.2 Other
 - 12.5 Work plan
- 13. Small cetaceans (SM)
 - 13.1 Dall's porpoise
 - 13.1.1 Review of available information
 - 13.1.2 Consideration of status and future work
 - 13.2 Progress on previous recommendations
 - 13.2.1 Status of the baiji
 - 13.2.2 Vaquita Recovery Programme
 - 13.2.3 Harbour porpoise
 - 13.2.3.1 IWC/ASCOBANS joint harbour porpoise working group
 - 13.2.3.2 Norwegian fjord feasibility study
- 13.2.4 Survey methodology for freshwater cetaceans
 - 13.2.5 Bycatch mitigation
- 13.3 Takes of small cetaceans in 2000
- 13.4 Work plan
- 14. Whalewatching (WW)
 - 14.1 Report of the Intersessional Correspondence Group
 - 14.2 Review information on noise from whalewatching vessels and aircraft and potential effects on cetaceans
 - 14.3 Review research on effectiveness of and compliance with whalewatching guidelines and regulations
 - 14.4 New information on previously discussed topics
 - 14.4.1 Dolphin feeding programmes
 - 14.4.2 Whale and dolphin swim-with programmes
 - 14.4.3 National Guidelines and Regulations
 - 14.4.4 Other information
 - 14.5 Work plan
- 15. Scientific Permits
 - 15.1 Advice on the effect on stock(s) of scientific permit catches
 - 15.2 Review of results from existing permits
 - 15.2.1 Japan – Southern Hemisphere minke whales
 - 15.2.2 Japan – North Pacific
 - 15.3 Review of new or revised proposals
 - 15.3.1 Japan – Southern Hemisphere minke whales
- 16. Whale sanctuaries
 - 16.1 South Atlantic whale sanctuary
 - 16.2 Other
- 17. Resolution on DNA testing and subsequent discussions (DNA)
 - 17.1 Progress on genetic methods for species, stock, individual identification
 - 17.2 Progress on collection and archiving of samples from catches and bycatch
 - 17.3 Reference databases
 - 17.4 Standards for a diagnostic register of DNA profiles
 - 17.5 Dialogue with Commission
 - 17.6 Work plan
- 18. Research and workshop proposals
 - 18.1 Review research results from 2000/2001
 - 18.2 Review proposals for 2001/2002
 - 18.3 Report of planning group for Workshop on Methods for Whale Research
- 19. Committee priorities and initial agenda for the 2002 meeting
- 20. Data processing and computing needs for 2001/2002
- 21. Funding requirements for 2001/2002
- 22. Working methods of the Committee

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| 22.1 Changes to increase transparency and reduce workload | 23. Election of officers |
| 22.2 Increasing participation of developing country scientists | 24. Publications |
| 22.3 Role of the IWC website | |
| 22.4 Procedural aspects related to intersessional groups | 25. Other business |
| 22.5 Proposed amendments to the Rules of Procedure | 26. Adoption of report |
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Annex B2

Relationship Between the Commission and Scientific Committee Agendas

Agenda Item		Commission Instruction	
Commission	Scientific Committee	Chairman's Report; Item	Resolution
4. WHALEWATCHING		2001a; 6	
4.1 Report of the Scientific Committee	14; Annex L	2001a; 6.3	1994g; 1995b; 1997b
6. WHALE STOCKS	10	2001a; 11.2	
6.1 Southern Hemisphere minke whales			
6.1.1 Report of the Scientific Committee	10.2; Annex G	2001a; 11.2.2	1998a
6.2 Southern Hemisphere blue whales			
6.2.1 Report of the Scientific Committee	10.3; Annex G	2001a; 11.2.2	1994e; 1995a
6.3 Southern Hemisphere humpback whales			
6.3.1 Report of the Scientific Committee	10.4; Annex G	2001a; 11.2.2	
6.4 Southern Hemisphere fin whales			
6.4.1 Report of the Scientific Committee	10.5; Annex G	2001a; 11.2.2	
6.5 North Atlantic humpback whales			
6.5.1 Report of the Scientific Committee	10.6; Annex H	2001a; 11.2.2	
6.6 Other stocks – bowhead, right and gray whales			
6.6.1 Report of the Scientific Committee	10.7; Annex F	2001a; 11.2.2	2000d; 2001b
6.7 Other	10.8		
7. SANCTUARIES	16	2001a; 7	
7.1 Reviews of sanctuaries			
7.1.1 Report of the Scientific Committee	16.1; 16.2	2001a; 7.3	1993b; 1994f; 1999d
7.2 Research activities within sanctuaries			
7.2.1 Report of the Scientific Committee		2001a; 7.1	1999d
• Southern Ocean Sanctuary (i.e. as follow-up to Resolution 1998-3)	10.1.2; 10.2-5; 12.2; 16.2		
• Other	16.2		
8. ABORIGINAL SUBSISTENCE WHALING		2001a; 10	
8.1 Aboriginal subsistence whaling scheme	8; Annex E	2001a; 10.1	1995c
8.2 Review of aboriginal subsistence whaling catch limits	9.1; Annexes E, F, H	2001a; 10.2	
8.3 Catches by non-member nations	9.2; Annex F	2001a; 10.3	
8.4 Contaminated gray whales from the North Pacific eastern stock	9.3; Annex F	2001a; 10.2.1.2	
9. REVISED MANAGEMENT SCHEME (RMS)			
9.1 Revised Management Procedure (RMP)		2001a; 11.1	
9.1.1 Report of the Scientific Committee		2001a; 11.1.3	1992a
• General issues	5; Annex D		
• Implementation simulation trials (North Pacific minke and Bryde's)	6.1-3; 6.5; Annex D		
• Implementation review for North Atlantic minke whales in 2002	6.4-5; Annex D		
9.2 Revised Management Scheme	7, 17; Annexes M, N	2001a; 12.1, 12.2.3	1999c; 2000e
11. SCIENTIFIC PERMITS			
11.1 Report of the Scientific Committee	15	2001a; 13	1987; 1996a; 2000b
11.1.1 Assessing impacts on stocks	15.1	2001a; 13.2; 17.4.2; 17.5	2001b
11.1.2 Review of results from existing permits	6.2-3; 10.2; 11; 12; 15.2	2001a; 13.1.2.1, 13.2.1	
11.1.3 Review of new or revised proposals	15.3	2001a; 13.1.2.2, 13.1.3-4	1995e
12. ENVIRONMENTAL AND HEALTH ISSUES	12; Annex J	2001a; 14	1993a; 1994b,c; 1997e; 1998b; 1999e,f; 2001b
12.1 Pollution 2000+		2001a; 14.1	
12.1.1 Report of the Scientific Committee	12.1; Annex J	2001a; 14.6	2001b
12.2 SOWER 2000		2001a; 14.1	
12.2.1 Report of the Scientific Committee	12.2; Annex J	2001a; 14.6	2001b
12.3 Competition between cetaceans and fisheries		2001a; 14.3	
12.3.1 Report of the Scientific Committee	12.3.4; Annex J	2001a; 14.6	2001b
12.5 Health issues		2001a; 14.4	
12.5.1 Report of the Scientific Committee	12.4; Annex J	2001a; 14.6	2000c
12.6 Other	12.3; Annex J	2001a; 14.2-3; 14.6	1999e; 2001b

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Agenda Item		Commission Instruction	
Commission	Scientific Committee	Chairman's Report; Item	Resolution
13. COOPERATION WITH OTHER ORGANISATIONS		2001a; 16, Appendix 2	
13.1 Organisations with whom IWC is currently working			
13.1.1 Report of the Scientific Committee	4		
14. OTHER SCIENTIFIC COMMITTEE ACTIVITIES, ITS FUTURE WORK PLAN, AND ADOPTION OF THE SCIENTIFIC COMMITTEE REPORT		2001a: 17	
14.1 Small Cetaceans		2001a; 17.1	1992b; 1993c; 1994a,d; 1996c; 1997c; 1998c
14.1.1 Report of the Scientific Committee	13; Annex K	2001a; 17.1, 17.4-5	2000a; 2001b
14.2 Other activities		2001a; 17.2-5	
14.2.1 Report of the Scientific Committee	10.1.1: DESS; 10.1.2: SOWER Circumpolar Cruises; 11 and Annex I: Stock Definition; 18: Research and workshop proposals; 20: Data processing and computing needs; 22: Working methods of the Committee; 24: Publications	2001a; 17.3-5	
14.3 Scientific Committee Future Work Plan		2001a; 17.3-5	
14.3.1 Report of the Scientific Committee	19		
16. ADMINISTRATIVE MATTERS			
16.3 Enhancing participation of developing country scientists	22.2	2001a: 22	
18. FINANCIAL STATEMENTS, BUDGETS AND OTHER ISSUES		2001a; 19.1.3-4	
18.2 Consideration of estimated budgets, 2001/2002 and 2002/2003	21		
19. AMENDMENT TO THE RULES OF PROCEDURE	22.5		

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- International Whaling Commission. 1992b. Chairman's Report of the Forty-Third Meeting, Appendix 5. Resolution on small cetaceans. *Rep. int. Whal. Commn* 42:48.
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- International Whaling Commission. 1994f. Chairman's Report of the Forty-Fifth Annual Meeting, Appendix 6. Resolution on a sanctuary in the southern ocean. *Rep. int. Whal. Commn* 44:32.
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- International Whaling Commission. 1998a. Chairman's Report of the Forty-Ninth Annual Meeting. Appendix 5. Resolution on special permit catches in the Southern Ocean by Japan. *Rep. int. Whal. Commn* 48:47.
- International Whaling Commission. 1998b. Chairman's Report of the Forty-Ninth Annual Meeting. Appendix 7. Resolution on environmental change and cetaceans. *Rep. int. Whal. Commn* 48:48-9.
- International Whaling Commission. 1998c. Chairman's Report of the Forty-Ninth Annual Meeting. Appendix 8. Resolution on small cetaceans. *Rep. int. Whal. Commn* 48:49.
- International Whaling Commission. 1999a. Chairman's Report of the Fiftieth Annual Meeting. *Ann. Rep. Int. Whaling Comm.* 1998:3-61.
- International Whaling Commission. 1999b. Chairman's Report of the Fiftieth Annual Meeting. Appendix 11. IWC Resolution 1998-10. Resolution to consider establishment of a mechanism to improve communications between the Commission and its Scientific Committee. *Ann. Rep. Int. Whaling Comm.* 1998:46.
- International Whaling Commission. 1999c. Chairman's Report of the Fiftieth Annual Meeting. Appendix 3. IWC Resolution 1998-2. Resolution on total catches over time. *Ann. Rep. Int. Whaling Comm.* 1998:42.
- International Whaling Commission. 1999d. Chairman's Report of the Fiftieth Annual Meeting. Appendix 4. IWC Resolution 1998-3. Resolution on the Southern Ocean Sanctuary. *Ann. Rep. Int. Whaling Comm.* 1998:42-3.
- International Whaling Commission. 1999e. Chairman's Report of the Fiftieth Annual Meeting. Appendix 6. IWC Resolution 1998-5. Resolution on environmental changes and cetaceans. *Ann. Rep. Int. Whaling Comm.* 1998:43-4.
- International Whaling Commission. 1999f. Chairman's Report of the Fiftieth Annual Meeting. Appendix 7. IWC Resolution 1998-6. Resolution for the funding of work on environmental concerns. *Ann. Rep. Int. Whaling Comm.* 1998:44-5.
- International Whaling Commission. 2000a. Chairman's Report of the Fifty-First Annual Meeting. Appendix 10. IWC Resolution 1999-9. Resolution on Dall's porpoise. *Ann. Rep. Int. Whaling Comm.* 1999:55-6.
- International Whaling Commission. 2000b. Chairman's Report of the Fifty-First Annual Meeting. Appendix 3. IWC Resolution 1999-2. Resolution on Special Permits for Scientific Research. *Ann. Rep. Int. Whaling Comm.* 1999:52.
- International Whaling Commission. 2000c. Chairman's Report of the Fifty-First Annual Meeting. Appendix 5. IWC Resolution 1999-4. Resolution on health effects from the consumption of cetaceans. *Ann. Rep. Int. Whaling Comm.* 1999:53.
- International Whaling Commission. 2000d. Chairman's Report of the Fifty-First Annual Meeting. Appendix 8. IWC Resolution 1999-7. Resolution on small populations of highly endangered whales. *Ann. Rep. Int. Whaling Comm.* 1999:55.
- International Whaling Commission. 2000e. Chairman's Report of the Fifty-first Annual Meeting. Appendix 9. IWC Resolution 1999-8. Resolution on DNA testing. *Ann. Rep. Int. Whaling Comm.* 1999:55.
- International Whaling Commission. 2001a. Chairman's Report of the 52nd Annual Meeting. *Ann. Rep. Int. Whaling Comm.* 2000:11-63.
- International Whaling Commission. 2001b. Chairman's Report of the Fifty-second Annual Meeting. Appendix 1. Resolutions adopted during the 52nd Annual Meeting. *Ann. Rep. Int. Whaling Comm.* 2000:55-8.
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Annex C

List of Scientific Committee Papers

ABORIGINAL WHALING MANAGEMENT PROCEDURES

SC/53/AWMP

- 1 PUNT, A.E. A revised 'Maximum-likelihood-like' Strike Limit Algorithm for the Bering-Chukchi-Beaufort Seas stock of bowhead whales.
- 2 PUNT, A.E. and BREIWICK, J.M. A framework for evaluating *Strike Limit Algorithms* for fishery Type 3.
- 3 GIVENS, G. A Strike Limit Algorithm for management of aboriginal whaling for the Bering-Chukchi-Beaufort Seas stock of bowhead whales.
- 4 GIVENS, G. A merging of two Strike Limit Algorithms for management of aboriginal whaling for the Bering-Chukchi-Beaufort Seas stock of bowhead whales. [PLUS ERRATA]
- 5 JOHNSTON, S.J. and BUTTERWORTH, D.S. Modifications to a potential Strike Limit Algorithm for the Bering-Chukchi-Beaufort Seas stock of bowhead whales.
- 6 WITTING, L. On inertial dynamics in whale populations. The case of the Eastern North Pacific gray whale.
- 7 DEREKSDÓTTIR, E.H. and MAGNÚSSON, K.G. A Strike Limit Algorithm for the Bering-Chukchi-Beaufort Seas stock of bowhead whales based on Adaptive Kalman Filtering.
- 8 GIVENS, G.H. The 'Eva' and 'Geof' SLAs are within tuning distance.

NORTH ATLANTIC HUMPBACK WHALES

SC/53/NAH

- 1 EC YoNAH. Population biology of the North Atlantic humpback whale: the YoNAH contribution.
- 2 STEVICK, P.T., ALLEN, J., CLAPHAM, P.J., FRIDAY, N., KATONA, S.K., LARSEN, F., LIEN, J., MATTILA, D.K., PALSBOËLL, P.J., SIGURJONSSON, J., SMITH, T.D., ØIEN, N. and HAMMOND, P.S. Trends in abundance of North Atlantic humpback whales, 1979-1993.
- 3 MATTILA, D., BÉRUBÉ, M., BOWMAN, B., CARLSON, C., CLAPHAM, P., MIGNUCCI-GIANNONI, A., PALSBOËLL, P.J., ROBBINS, J., STEVICK, P. and VASQUEZ, O. Humpback whale habitat use on the West Indies breeding grounds.
- 4 ROBBINS, J., BÉRUBÉ, M., CLAPHAM, P., PALSBOËLL, P., STEVICK, P. and MATTILA, D. Group composition and social dynamics of North Atlantic humpback whales (*Megaptera novaeangliae*) on their West Indies breeding ground.
- 5 STEVICK, P.T., PALSBOËLL, P.J., SMITH, T.D., BRAVINGTON, M.V. and HAMMOND, P.S. Errors in

identification using natural markings: rates, sources and effects on capture-recapture estimates of abundance.

- 6 NO PAPER.
- 7 NO PAPER.
- 8 STEVICK, P.J., ALLEN, J., CLAPHAM, P.J., HAMMOND, P.S., KATONA, S.K., LARSEN, F., LIEN, J., MATTILA, D.K., PALSBOËLL, P.J., SEARS, R., SIGURJONSSON, J., SMITH, T.D., VIKINGSSON, G. and ØIEN, N. Population spatial structuring on the feeding grounds in North Atlantic humpback whales.
- 9 BÉRUBÉ, M. and PALSBOËLL, P.J. Penultimate report for the International Whaling Commission (Research Contract No. 9): Genetic identification of parent-offspring relations in cetacean populations.
- 10 CLAPHAM, P., BARLOW, J., COLE, T., MATTILA, D., PACE, R., PALKA, D. and ROBBINS, J. Stock definition, abundance and demographic parameters of humpback whales from the Gulf of Maine.
- 11 PALSBOËLL, P.J., ALLEN, J., ANDERSEN, T.H., BÉRUBÉ, M., CLAPHAM, P.J., FEDDERSEN, T.P., FRIDAY, N., HAMMOND, P.S., JØRGENSEN, H., KATONA, S., LARSEN, A.H., LARSEN, F., LIEN, J., MATTILA, D.K., NYGAARD, F.B., ROBBINS, J., SPOONER, R., SEARS, R., SIGURJONSSON, J., SMITH, T.D., STEVICK, P., VIKINGSSON, G. and ØIEN, N. Stock structure and composition of the North Atlantic humpback whale, *Megaptera novaeangliae*.
- 12 ROBBINS, J., BÉRUBÉ, M., CLAPHAM, P., FRIDAY, N. and MATTILA, D. Structure and regional composition of the Gulf of Maine humpback whale (*Megaptera novaeangliae*) population.
- 13 STEVICK, P.T., ALLEN, J., BÉRUBÉ, M., CLAPHAM, P.J., KATONA, S.K., LARSEN, F., LIEN, J., MATTILA, D.K., PALSBOËLL, P.J., ROBBINS, J., SIGURJONSSON, J., SMITH, T.D., ØIEN, N. and HAMMOND, P.S. Migration timing is related to feeding ground origin in North Atlantic humpback whales.
- 14 FRIDAY, N., SMITH, T.D., HAMMOND, P.S., ROBBINS, J. and MATTILA, D.K. Modeling the effects of behaviour and population dynamics on capture-recapture estimates of abundance of humpback whales.
- 15 REEVES, R.R. and SMITH, T.D. Historical catches of humpback whales in the North Atlantic Ocean: an overview of sources.
- 16 FRIDAY, N., PUNT, A.E. and SMITH, T.D. A framework for the assessment of North Atlantic humpback whales, with illustrative examples.
- 17 SWARTZ, S.L., MARTINEZ, A., BURKS, C., STAMATES, J., OLESON, E.M. and MIGNUCCI-GIANNONI, A. Acoustic and visual surveys of humpback whales (*Megaptera novaeangliae*) and other cetaceans in the waters of the Eastern

- Bahamas, Puerto Rico, Eastern Dominican Republic, and the Virgin Islands, February-March 2001: preliminary results.
- 18 REEVES, R.R., CLAPHAM, P.J. and WETMORE, S.E. American humpback whaling and humpback whale occurrence in the Cape Verde Islands, eastern North Atlantic Ocean.
 - 19 JANN, B. and WENZEL, F.W. Humpback whales in the Cape Verde Islands.
 - 20 BARCO, S., McLELLAN, W.A., ALLEN, J., ASMUTIS, R., MALLON-DAY, R., MEAGHER, E., PABST, D.A., ROBBINS, J., SETON, R., SWINGLE, W.M., WEINRICH, M. and CLAPHAM, P. Population identity of humpback whales, *Megaptera novaeangliae*, in the waters of the US mid-Atlantic states.
 - 21 ØIEN, N. Humpback whales in the Barents and Norwegian Seas.
 - 22 SWARTZ, S.L. Report of the Workshop to Review Current Knowledge of the Status of Humpback Whales (*Megaptera novaeangliae*) in the Eastern Caribbean and to Discuss, Plan and Coordinate Future Research, 9-11 January 2001, Miami, Florida.
 - 23 KINGSLEY, M.C.S. and WITTING, L. A preliminary analysis of aerial survey observations of humpback whales in Greenland waters.
 - 24 PIKE, D.G., GUNNLAUGSSON, T. and VIKINGSSON, G.A. An estimate of humpback whale (*Megaptera novaeangliae*) abundance in the North Atlantic, from NASS-95 shipboard survey data.
 - 25 ROBBINS, J. and MATTILA, D.K. Monitoring entanglements of humpback whales (*Megaptera novaeangliae*) in the Gulf of Maine on the basis of caudal peduncle scarring.
 - 26 ROGAN, E. A review of humpback whales (*Megaptera novaeangliae*) in Irish waters.
 - 8 THIELE, D., HOFMANN, E., FRIEDLAENDER, A., MOORE, S. and McDONALD, M. Preliminary report on IWC-SO GLOBEC collaborative research in the western Antarctic peninsula study area, March-June 2001. [PLUS ADDENDUM]
 - 9 HEDLEY, S., REILLY, S., BORBERG, J., HOLLAND, R., HEWITT, R., WATKINS, J., NAGANOBU, M., and SUSHIN, V. Modelling whale distribution: a preliminary analysis of data collected on the CCAMLR-IWC Krill Synoptic Survey, 2000.
 - 10 MACLEOD, K., FAIRBAIRNS, R., GILL, A., FAIRBAIRNS, B., GORDON, J. and BLAIR-MYERS, C. Spatial and temporal distribution of the minke whale (*Balaenoptera acutorostrata*) in relation to undersea topography and seabed sediment off the Isle of Mull Scotland. [PLUS ADDENDUM]
 - 11 GALES, N.J. and JARMAN, S.N. A new initiative into the development of non-lethal methods for defining trophic links between whales and commercial species.
 - 12 BONDARYK, J.E. Benefits and limitations of active sonar for marine mammal ship collision avoidance.
 - 13 GRILLO, V., PARSONS, E.C.M. and SHRIMPTON, J.H. A review of sewage pollution in Scotland and its potential impacts on harbour porpoise populations.
 - 14 WELLS, R.S., ROWLES, T.K. and RHINEHART, H.L. Pollution 2000+: Bottlenose dolphin sampling progress during 2000-2001.
 - 15 SIMMONDS, M.P., JOHNSTON, P.A. and TROISI, G.M. A note concerning 'novel pollutants' and cetaceans.
 - 16 INTERNATIONAL WHALING COMMISSION. Report of the Meeting of the IWC Scoping Group for the Habitat Degradation Workshop, June 11-12 2001, Rome, Italy.
 - 17 PEDDEMORS, V. A review of cetacean interactions with fisheries and management thereof in South Africa.
 - 18 WALLACE, H.M. Environmental variability in whale population growth rate and the implications for sustainable commercial whaling.
 - 19 AGUILAR, A., TORNERO, V. and BORRELL, A. ΣDDT and ΣPCB pollutant concentrations in Mediterranean cetaceans.
 - 20 AGUILAR, A. and BORRELL, A. Results of the bottlenose dolphin biopsy feasibility fieldwork and pollutant level assessment for the *POLLUTION 2000+* programme.
 - 21 PERRY, C. and STACHOWITSCH, M. Second State of the Cetacean Environment Report (SOCER).

ENVIRONMENTAL CONCERNS

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- 1 KRAHN, M.M., YLITALO, G.M. and STEIN, J.E. Contaminants in cetaceans: how to avoid errors when comparing datasets.
- 2 CLARK, E.D. Ozone depletion and global climate change: linkages and interactive threats to the cetacean environment. [PLUS ERRATA]
- 3 AYDIN, K. and FRIDAY, N. The early development of Ecosim as a predictive multi-species fisheries management tool.
- 4 YLITALO, G.M., KRAHN, M.M., YANAGIDA, G.K., GULLAND, F.M.D., CALAMBOKIDIS, J., GEARIN, P., GOSHO, M., NORBERG, B., DUFFIELD, D., HOLAHAN, P., STEIN, J.E. and ROWLES, T. Supplement to: Organochlorine contaminant concentrations and lipid profiles in eastern North Pacific gray whales (*Eschrichtius robustus*).
- 5 AGUILAR, A., BORRELL, A. and REIJNDERS, P.J.H. Patterns in geographical and temporal variation of organochlorine pollutant concentrations in marine mammals.
- 6 BORRELL, A., TORNERO, V. and AGUILAR, A. A review of retinoids in marine mammals.
- 7 FOSSI, M.C., MARSILI, L. and NOTARBARTOLO-DI-SCIARA, G. The role of skin biopsy in the detection of exposure and effect to endocrine disrupting chemicals in Mediterranean cetaceans.

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- 1 CUI, G., PUNT, A.E., PASTENE, L.A. and GOTO, M. A Bayesian approach to addressing stock structure questions using mtDNA data, with an illustrative application to the North Pacific minke whales.
- 2 SKAUG, H.J. Plans for next year's analysis of the NILS 1996-2001 data.
- 3 ØIEN, N. Report of the Norwegian 2000 sighting survey for minke whales.
- 4 ØIEN, N. and SKAUG, H.J. Planning of sighting surveys over the six-year period 2002-2007 to estimate abundance of minke whales in the Northeast Atlantic.
- 5 MIYASHITA, T., NISHIWAKI, S., VLADIMIROV, V.A. and DOROSHENKO, N.V. Cruise report on the

- minke whale sighting surveys in the Sea of Okhotsk, 2000.
- 6 MIYASHITA, T. Cruise report of the Japanese sighting survey under the joint research program between Japan and Korea in 2000 and 2001.
 - 7 MIYASHITA, T. and KATO, H. Research plan of the minke whale sighting surveys in the Sea of Okhotsk and adjacent waters in 2001 summer.
 - 8 SHIMADA, H. Report of a sighting survey on western North Pacific Bryde's whale conducted in August-September 2000.
 - 9 SHIMADA, H. and MIYASHITA, T. Research plan for Bryde's whale sighting cruise in the western North Pacific in 2001.
 - 10 SHIMADA, H. and MIYASHITA, T. Report of the sighting surveys for winter distribution of large cetaceans in the low latitudinal waters of the western North Pacific, 1999-2001.
 - 11 GOTO, M., KANDA, N. and PASTENE, L.A. Genetic examination of western North Pacific minke whales including samples from JARPN II.
 - 12 GOTO, M., KIM, Z.G. and PASTENE, L.A. Genetic analysis of additional samples from the 'J' stock and implications for the estimation of mixing proportion of 'J' and 'O' stocks in sub-area 11.
 - 13 PASTENE, L.A., GOTO, M. and KANDA, N. Comments on the estimations of the J and O stocks mixing proportion and level of by-catches of common minke whale using mitochondrial DNA data from the retail market surveys.
 - 14 DALEBOUT, M.L., LENTO, G.M., CIPRIANO, F., FUNAHASHI, N. and BAKER, C.S. Geographic distribution of protected J-stock minke whales on Japanese markets, December 1997-October 1999.
 - 15 BAKER, C.S., DALEBOUT, M.L., BROWNELL, R.L., Jr., ROBERTON, K.M., DIZON, A.E., FUNAHASHI, N. and LENTO, G.M. Minimum census of minke whale by-catch from Korean waters in 1999 using DNA profiling.
 - 16 LAVERY, S., DALEBOUT, M.L., LENTO, G.M. and BAKER, C.S. Minimum census of minke whale by-catch from Korean waters in 2000/01 using DNA profiling.
 - 17 TAYLOR, B.L. and CHIVERS, S.J. Dispersal estimates for western North Pacific minke whales.
 - 18 TAYLOR, B.L. and CHIVERS, S.J. Preliminary estimates for power to detect population structure between sub-areas 7 and 8 for North Pacific minke whales.
 - 19 OLSEN, E. and SKAUG, H.J. Bias and precision of North Atlantic minke whale age estimates from counting growth zones in *bulla tympanica*. [PLUS ERRATA]
 - 20 LEAPER, R. and CLYNE, H. A note on possible assessment of mortality due to vessel strikes.
 - 21 CHO, I., HALPIN, P.N., KIM, Z.G. and SOHN, H. Spatial and temporal patterns of minke whale distributions off the east coast of Korea.
 - 22 SOHN, H., KIM, Z.G., MIYASHITA, T. and PARK, K.J. Cruise report of the Korean whaling sighting survey in the Yellow Sea, April-May 2001.
 - 23 KIM, Z.G. and SOHN, H. Cruise report of whale sightings survey in the East of Korea, September-October 2000.
 - 24 KASUYA, T. and BROWNELL, R.L., Jr. Illegal Japanese coastal whaling and other manipulation of catch records.
 - 25 BROWNELL, R.L., Jr., BERGGREN, P., CLAPHAM, P., ROJAS BRACHO, L., READ, A., ROGAN, E., TAYLOR, B. and BROWN, M.R. Is lethal whaling needed in the North Pacific for minke whales?
 - 26 KIM, Z.G. Plan for whale sighting survey in the western waters of Korea, Autumn 2001.
 - 27 KIM, Z.G. Plan for whale sighting survey in the eastern waters of Korea, Spring 2002.

IN-DEPTH ASSESSMENTS

SC/53/IA

- 1 CLAPHAM, P., BAKER, C.S., BROWN, M., DONOGHUE, M., GARRIGUE, C., GILL, P., GREAVES, J., HAUSER, N., PECKHAM, H., OLAVARRÔA, C. and POOLE, M. Assessment of humpback whales from wintering grounds of Areas V and VI: Objectives, progress to date and future requirements.
- 2 ZERBINI, A.N., ANDRIOLO, A., DA ROCHA, J., SIMÕES-LOPES, P.C., SICILIANO, S., PIZZORNO, J.L., WAITE, J., DeMASTER, D.P. and VanBLARICOM, G.R. Winter distribution and abundance of humpback whales (*Megaptera novaeangliae*) off Northeastern Brazil.
- 3 BURT, M.L. and STAHL, D. Minke whale abundance estimation from the 1998/99 IWC-SOWER Antarctic Cruise in Area IV. [PLUS ERRATA]
- 4 ALLEN, J.M., CARLSON, C. and ROCK, J. Final Report: IWC research contract 16, Antarctic Humpback Whale Catalogue. [PLUS ERRATA]
- 5 ENSOR, P., MATSUOKA, K., MARQUES, F., MIURA, T., MURASE, H., PITMAN, R., SAKAI, K. and VAN WAEREBEEK, K. 2000-2001 International Whaling Commission – Southern Ocean Whale and Ecosystem Research (IWC-SOWER) Circumpolar Cruise, Areas V, VI and I.
- 6 MATSUOKA, K., ENSOR, P., HAKAMADA, T., SHIMADA, H., NISHIWAKI, S., KASAMATSU, F. and KATO, H. Overview of the minke whale sighting survey in IWC/IDCR and SOWER Antarctic cruises from 1978/79 to 2000/01. [PLUS ADDENDUM]
- 7 NISHIWAKI, S., MATSUOKA, K., MURASE, H. and HAKAMADA, T. Review of the sighting procedure in the JARPA.
- 8 MIYASHITA, T. Overview of the JSV data for the Antarctic minke whale assessment.
- 9 MORI, M., MATSUDA, H., BUTTERWORTH, D., OKAMURA, H., BRANDÃO, A. and RADEMEYER, R. Observer experience and minke whale sighting ability in IWC/IDCR-SOWER surveys.
- 10 MORI, M., OKAMURA, H. and MATSUDA, H. Observer experience and like-minke whale sightings in IWC/IDCR-SOWER surveys.
- 11 MIYASHITA, T., SHONO, H. and OKAMURA, H. GLM analysis of the JSV data for the Antarctic minke whale.
- 12 HAKAMADA, T., MATSUOKA, K., NISHIWAKI, S., MURASE, H. and TANAKA, S. Abundance trend of Southern Hemisphere minke whales in Areas IV and V using JARPA data.
- 13 ZENITANI, R., KATO, H. and FUJISE, Y. Year to year trends of some biological parameters of Antarctic minke whales from the view point of population monitoring.
- 14 SHIMADA, H., SEGAWA, K. and MURASE, H. Tentative trial for estimation of Antarctic minke whale abundance within pack ice region incorporating

- IDCR/SOWER data with Meteorological Satellites data.
- 15 SHIMADA, H., MURASE, H., SEGAWA, K. and KIMURA, N. Analyses on Antarctic sea ice coverage in the austral summer, 78/79 to 00/01 using the SSMR and SSM/I satellites data, with some notes on relationship between ice coverage and abundance estimation. [PLUS ERRATA]
 - 16 KATO, H., KOJIMA, E., HONNO, Y. and YOSHIDA, H. Morphological keys for sub-species discrimination of southern blue whales, analyses from data through 1995/96 to 2000/01 SOWER cruises.
 - 17 PASTENE, L.A., GOTO, M. and KANDA, N. An update of the mitochondrial DNA RFLP analysis in the Antarctic minke whales from Areas III and IV.
 - 18 MATSUOKA, K., HAKAMADA, T., MURASE, H. and NISHIWAKI, S. Current abundance and density trend of humpback and fin whales in the Antarctic Areas IV and V using JARPA data.
 - 19 SHIMADA, H., MATSUOKA, K., NISHIWAKI, S. and KATO, H. Proposed research plan for the 2001/2002 and 2002/2003 IWC/SOWER/Antarctic cruise.
 - 20 JOHNSTON, S.J., BUTTERWORTH, D.S. and FINDLAY, K.P. Further results from a preliminary assessment of Southern Hemisphere humpback whales. [PLUS ADDENDUM]
 - 21 VAN WAEREBEEK, K., TCHIBOZO, S., MONTCHO, J., NOBIME, G., SOHOU, Z., SEHOUHOUE, P. and DOSSOU, C. The Bight of Benin, a North Atlantic breeding ground of a Southern Hemisphere humpback whale population, likely related to Gabon and Angola substocks.
 - 22 SICILIANO, S., HASSEL, L.B., VENTUROTTI, A., AUGUSTO DE MAGALHAES, F., CUENCA, S. and MARQUES, F.F.C. Summer sightings of dwarf minke whales (*Balaenoptera acutorostrata*) off the eastern coast of Rio de Janeiro state, Brazil.
 - 23 ROSENBAUM, H.C., ERSTS, P. and FINDLAY, K. Regional planning workshop on collaborative research and conservation of humpback whales in the Indian and South Atlantic Oceans.
 - 24 RADEMEYER, R., BEST, P.B. and BUTTERWORTH, D.S. Blue whales on the Madagascar Plateau, December 1996.
 - 25 LeDUC, R.G., DIZON, A.E., GOTO, M., PASTENE, L.A., HYDE, J. and BROWNELL, R.L., Jr. A preliminary Bayesian analysis of genetic data from Southern Hemisphere blue whales and its relevance to the question of degree of subspecies mixing at high latitudes.
 - 26 BRANDÃO, A., RADEMEYER, R.A. and BUTTERWORTH, D.S. Estimation of mean school size for minke whales from IWC/IDCR-SOWER surveys.
 - 27 BUTTERWORTH, D.S., RADEMEYER, R.A. and BRANDÃO, A. First attempts to quantify some factors that potentially confound temporal comparisons of minke whale abundance estimates from the IWC/IDCR-SOWER surveys.
 - 28 CLARK, C.W. and FOWLER, M. Status of archival and analysis effort of acoustic recordings during SOWER and IWC cruises 1996-2000.
 - 29 STAHL, D. and BORCHERS, D. An exploratory investigation of the ability of spatial models to extrapolate minke density into unsurveyed regions.
 - 30 COOKE, J.G. A note on multi-platform analyses for the IDCR/SOWER sightings data set.
 - 31 COOKE, J.G. A modification of the radial distance method for dual-platform line transect analysis, to improve robustness.
 - 32 ROSENBAUM, H.C., BEST, P.B. and POMILLA, C. A preliminary analysis of mtDNA variation among humpback whales of the southeastern Atlantic Ocean from the wintering grounds along the coast of West Africa.

WHALEWATCHING

SC/53/WW

- 1 AGUILAR, N., DÍAZ, F., CARRILLO, M., BRITO, A., BARQUÍN, J., ALAYÓN, P., FALCÓN, J. and GONZALEZ, G. Evidence of disturbance of protected cetacean populations in the Canary Islands.
- 2 SIMMONDS, M.P., ROSE, N. and DE BOER, M.N. Whale-watching and critical response parameters.
- 3 WILLIAMS, R.M., TRITES, A.W. and BAIN, D.E. Are killer whales habituating to boat traffic?
- 4 CARLSON, C.A. A review of whale watching guidelines and regulations around the world, version 2001.
- 5 WOODS-BALLARD, A.J., HUGHES, A.J., PARSONS, E.C.M., WARBURTON, C.A., VELANDER, K.A. and LADLE, R.J. The sustainability of whale-watching in Scotland.
- 6 PARSONS, E.C.M. and WOODS-BALLARD, A. Voluntary whale-watching codes of conduct: how effective are they in managing whale-watching in West Scotland?
- 7 ASMUTIS-SILVIA, R.A. 'See a spout, watch out! Responsible whale watching': An attempt to educate recreational boaters regarding whale watching guidelines.
- 8 MOYLE, B.J. and EVANS, M. A bioeconomic and socio-economic analysis of whale-watching, with attention given to associated direct and indirect costs.

SMALL CETACEANS

SC/53/SM

- 1 DANILEWICZ, D., CLAVER, J.A., PÉREZ CARRERA, A.L. and SECCHI, E.R. Reproductive maturity and seasonality of male franciscanas (*Pontoporia blainvillei*) from Rio Grande do Sul, southern Brazil.
- 2 NO PAPER.
- 3 REEVES, R.R., READ, A.J. and NOTARBARTOLO DI SCIARA, G. Report of the Workshop on Interactions Between Dolphins and Fisheries in the Mediterranean: Evaluation of Mitigation Alternatives, May 2001, Rome, Italy. [PLUS ADDENDUM]
- 4 SECCHI, E.R., SLOOTEN, E. and FLETCHER, D. Population viability analysis for a franciscana stock: when is the time for action?
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Ireland	Norway
Italy	UK
Japan	USA

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