

Annex R

E-mail Correspondence Groups and Terms of Reference

Group	Terms of Reference	Membership
(1) Catch data (Working Group)	Finalise catch series for Southern Hemisphere operations.	Allison (Convenor), Bannister, Best, Brownell, Clapham, Cooke, Donovan, Findlay, Reeves, Smith.
(2) Aboriginal Subsistence Whaling Management Procedure (Steering Group)	Continue progress towards development of an AWMP.	Donovan (Convenor), Allison, Breiwick, Butterworth, Cooke, DeMaster, Dereksdóttir, George, Givens, Holloway, Punt, Schweder, Walløe, Witting, Zeh.
(3) Greenland abundance estimates from genetic data (Steering Group)	Review available genetic data for West Greenland common minke and fin whales. Suggest appropriate stock structure analyses and investigate use for obtaining abundance estimates.	Waples (Convenor), Andersen, Bérubé, Donovan, Palsbøll, Witting.
(4) Greenland humpback whale assessments (Working Group)	Determine the best collection of abundance estimates of humpback whales off Greenland to use for future assessments.	Hammond (convenor), Clapham, Corkeron, Heide-Jørgensen, Larsen, Simon, Witting.
(5) Greenland catch distribution of common minke whales	Investigate (1) the Norwegian catches to determine if the data: (a) suggest a similar spatial division at about 63°N; (b) exhibit a similar Year:Region interaction; and (c) exhibit a lack of Year:Region and Month:Region interaction in the catch proportion data; (2) the dataset from the first Greenland fishery period to determine: (a) if the data are of sufficient quality to investigate spatial division; and (b) if so, examine questions (a)-(c) above for the dataset.	Laidre (Convenor), Allison, Givens, Larsen, Simon, Witting, Givens.
(6) North Atlantic fin whale (Steering Group)	Guide the <i>Implementation</i> process for North Atlantic fin and plan an intersessional Workshop.	Donovan (Convenor), Allison, Butterworth, Hammond, Punt, Skaug, Palsbøll, Vikingsson.
(7) <i>MSYR</i> for baleen whales (Steering Group)	Analyse available data to the stage that the SC has sufficient background by SC/60 to consider and possibly revise the range of plausible <i>MSY</i> rates for use in RMP trials.	Donovan (Chair), Butterworth, Cooke, Hakamada, Okamura, Polacheck, Punt, Walløe.
(8) Western North Pacific minke whales (Steering Group)	Work intersessionally to develop an inventory of the new data available and to review progress against the criteria for a <i>pre-Implementation Assessment</i> .	Kitakado (Convenor), Butterworth, Donovan, Goto, Hatanaka, Miyashita.
(9) North Atlantic minke whale (Steering Group)	Plan the <i>Implementation</i> for North Atlantic common minke whales.	Cooke (convenor), Butterworth, Donovan, Gunnlaugsson, Hammond, Skaug, Walløe.
(10) Validation of sequences in GenBank and other repositories (Working Group)	Continue with the development of plans for sequence validation.	Pastene (Convenor), Baker, Goto, LeDuc, Perrin, Rowles.
(11) Testing of Spatial Structure Models (Steering Group)	Oversee development of simulations and testing of methods for TOSSM.	Bravington, Donovan, Double, Edwards, Gaggiotti, Gregovich, Hoelzel, Jackson, Kanda, Kitakado, Martien, Punt, Skaug, Strand, Taylor, Tiedemann, Waples.
(12) Bycatch (Working Group)	Continue work towards holding the Phase II Workshop on the use of market sampling to estimate bycatch and work on approaches to other issues.	Perrin (Convenor), Donovan, Funahashi, Leaper (Russell), Northridge, Read.
(13) Scientific Permits (Working Group)	Improve the SP review procedure.	DeMaster (Convenor), Bjørge, Childerhouse, Clapham, Gales, Gunnlaugsson, Fujise, Goodman, Hatanaka, Hyugaji, Magloire, Palka, Pastene, Leaper (Russell), Víkingsson, Van Waerebeek, Walløe.
(14) North Pacific sei whales (Working Group)	Recompile and present historical age and reproductive data from commercial whaling in the eastern and western North Pacific, so that comparisons with results from modern catches can be made when the latter are available.	Cooke (Convenor), Allison, Brownell, Kato, Miyashita, Ohsumi, Palka, Allison,
(15) SOWER planning (Steering Group)	Complete the planning of the 2007/08 SOWER cruise.	Kato (Convenor), Bannister, Best, Bravington, Brownell, Clark, Donovan, Ensor, Gales, Hedley and Palka.
(16) Catch-at-age analyses (Working Group)	Continue the work on Antarctic minke whales.	Polacheck (Convenor) Butterworth, Cooke, Leaper, Mori.
(17) Analysis methods (Working Group)	(1) select and implement further simulations (e.g. incorporating some or all of: bigger measurement errors, duplicate ID, unmodelled heterogeneity via measurement error in covariates, multi-year surveys, model selection, confirmation status); (2) further discuss and specify diagnostics; (3) discuss additional variance and interpolation/extrapolation techniques; and (4) prepare preliminary estimates for different methods so that diagnostics can be considered.	Palka (Convenor), Bravington Cooke, Hedley, Hughes, Kitakado, Okamura, Polacheck, Schweder, Skaug.
(18) Abundance estimates and sea ice extent changes (Working Group)	(1) collaboration between the sea ice experts and abundance analysts to obtain abundance estimates by 10° longitudinal slices for the new abundance estimation methods (obtaining these estimates using the standard method may be extremely time consuming), (2) provide information about sea ice extent so it could be included as a covariate in abundance estimation, (3) examine hypotheses that could explain if, and how, a change in sea ice extent might be related to the abundance estimates.	Shimada/Palka (Convenors) Branch, Bravington, Burt, Butterworth, Cooke, Ensor, Hedley, Kitakado, Murase, Okamura, Palka, Polacheck, Thiele.

(19) Climate change Workshop (Steering Group)	Further develop the agenda and investigate arrangements for an intersessional Workshop on climate change.	Simmonds (Convenor), DeMaster, Fossi, Krahn, Moore, Reilly, Rojas-Bracho, Gales; Leaper (Rebecca), Suydam.
(20) Arctic issues (Working Group)	Progress report on sea ice analysis. Planning and coordination of IWC participation in IPY and in 2 nd ICARPII.	Moore (Convenor), Belikov, Belkovich, Bogoslovskaya, Born, Brownell, DeMaster, Donovan, Friday, Krahn, Lyrholm, Melnikov, O'Hara, Pamplin, Perry, Rojas-Bracho, Rowles, Simmonds, Suydam, Urban, Vikingsson.
(21) State of Cetacean Environment Report (Working Group)	Collate information for production of the SOCER report.	Parsons/Rose/Stachowitsch (Convenors), Borsani, Clark, E., Clark, C., DeMaster, Findlay, Fortuna, Fossi, Gill, Gordon, Krahn, Lauriano, Moore, Parsons, Perry, Reijnders, Rowles, Simmonds, Thiele.
(22) POLLUTION 2000+ Phase II (Steering Group)	(1) produce a framework for modelling the effects of pollutants on cetacean populations; (2) identify cetacean populations to be studied under Phase II; and (3) develop a protocol for validating biopsy samples and applying this protocol to any large whale species selected for Phase II studies.	O'Hara (Convenor), Aguilar (deputy Convenor), Donovan, Hall, Reijnders (during transition stage), Rowles.
(23) Southern Ocean Collaboration (Steering Group)	Planning and coordination of IWC participation with CCAMLR, SO-GLOBEC and ICCED.	Thiele (Convenor), Brownell, Borchers, Childerhouse, Donovan, Ensor, Fortuna, Friday, Hedley, Kock, Leaper, Moore, Murase, Palka, Reilly, Rogan, Shimada, van Waerebeek.
(24) CCAMLR/IWC collaboration (Steering Group)	Prepare for a joint CCAMLR/IWC Workshop on modelling krill predators.	Gales (Convenor) Bjørge, Butterworth, Clapham, DeMaster, Hedley, Kock, Leaper (Rebecca), Mori, Murase, Polacheck.
(25) Cetacean Emerging and Resurging Diseases (Working Group)	(1) Identify data gaps and approaches to obtain a comprehensive collection of pathogen and disease reports; (2) examine geographic areas that have been identified as hot-spots of emerging disease; (3) identify local experts to present data on examination of cetacean skin diseases as an SC/60/E topic.	Rowles/Van Bressem (Convenors), Brownell, Di Guardo, Fernández, Iñiguez, Galletti.
(26) Humpback whales Breeding Stocks B and C (Working Group)	Advance the assessment of Humpback Whale breeding stocks B and C for completion at the 2008 Annual Meeting.	Zerbini (Convenor), Best, Butterworth, Cerchio, Collins, Donovan, Findlay, Jackson, Johnston, Loo, Rosenbaum.
(27) Platforms of Opportunity (POP) of potential value to the SC (Working Group)	Identify data sources from Platforms of Opportunity (POP) of potential value to the Scientific Committee.	Robbins (Convenor), Bolanos, Carlson, Fortuna, Galletti, Mattila, Ritter, Parsons, Weinrich.
(28) Swim-with-whale (SWW) operations (Working Group)	(1) identify local researchers who can serve as liaisons with whalewatching operators, to maximize the probability of questionnaires being accepted, filled out, and returned; and (2) distribute a sufficient number of questionnaires to ensure approximately a half dozen returns.	Rose (Convenor), Panigada, Parsons, Ritter, Weinrich.
(29) Cetacean vessel responses (Working Group)	Prepare and conduct a meta-analysis to assess influence of cetacean biology and ecology on short-term impact effect from whalewatching vessel traffic.	Lusseau (Convenor), Bejder, Fortuna, Parsons, Weinrich, Williams, R.
(30) Plan sighting surveys for WNP whales (Working Group)	facilitate discussion on planning the allocation of sighting surveys to areas and their designs.	Miyashita (convenor), An, Butterworth, Kim, Kitakado, Okamura
(31) Vessel strike data standardisation (Working Group)	Develop a process by which [vessel strike] data provided from a range of sources could be stored in a database in a standardised way that clearly identified the level of uncertainty in the data.	Van Waerebeek (Convenor), Brownell, Funahashi, Gallego, Iñiguez, Lauriano, Leaper, Mattila, Panigada, Podesta, Ritter, Rowles, de Stephanis, Weinrich.
(32) Data relevant to parameter estimation and ecological interactions (Working Group)	(1) Develop DAA for JARPA and commercial data relevant to the analysis of energy stores in minke whales; (2) review data relevant for studies on energy storage in minke whales available from JARPA and/or from commercial catches; (3) investigate whether samples of blubber or other relevant tissues from JARPA are available for analysis and if so; (4) propose relevant chemical analysis to be done; and (5) propose and facilitate different model/statistical analysis to investigate possible changes in energy storage with time based on the data obtained from the DAA and other relevant data.	Walløe (Convenor) Aguilar, Bjørge, Butterworth, Gunnlaugsson, Hester, Konishi, Leaper (Rebecca), Lockyer, Polacheck, Tamura and Vikingsson.
(33) Whalewatching Workshop (Steering Group)	Organise a Workshop on the strategic planning of large-scale whalewatching research.	Lusseau (Convenor) Bejder, Carlson, Fortuna, Parsons, Robbins, Simmonds, Williams, R.
(34) Ecosystem interactions (Working Group)	(1) Develop a DAA for members of the WG for JARPA and commercial data relevant to the analysis of energy stores in minke whales; (2) review data for studies on energy storage in minke whales available from JARPA and/or from commercial catches. (3) investigate whether samples of blubber or other tissues from JARPA are available for analysis, and if so; (4) propose chemical analysis to be done; and (5) propose different model/statistical analysis to investigate possible changes in energy storage with time based on the data obtained from the availability agreement and other relevant data.	Walløe (Convenor), Aguilar, Bjørge, Butterworth, Gunnlaugsson, Hester, Konishi, Leaper (Rebecca), Lockyer, Polacheck, Tamura, Vikingsson.
(35) DNA data quality (Working Group)	(1) Experimental design; (2) procedural implementation of data quality checks; (3) presentation of data and associated errors; (4) assessment of error rates.	Tiedemann (Convenor), Edwards, Gregovich, Hoelzel, Martien Punt, Strand.