

### Appendix 3

#### AMENDMENT TO THE REQUIREMENTS AND GUIDELINES FOR IMPLEMENTATIONS

The Requirements and Guidelines for *Implementations* are given in IWC (2005).

The following amendments are proposed (note that 'variant' refers to RMP variants, i.e. specifications or *Small Areas*, *Catch cascading*, etc).

##### Page 87, Item 4.1

Replace the first sentence under point (1) with the following text:

The conservation performance (given the highest priority by the Commission) for each trial and variant shall be examined using the following guidelines to determine whether each combination of variant and trial will be classified as 'acceptable', 'borderline' or 'unacceptable' (see box 1 of Fig. 2).

For each stock in an *Implementation Simulation Trial (IST)* for which  $MSYR=1\%$ :

- (1) construct a single stock trial, which is 'equivalent' to the *IST*. For example, if a particular *IST* involved carrying capacity halving over the 100-year projection period, the 'equivalent single stock trial' will also involve carrying capacity halving over the next 100 years;
- (2) conduct two sets of 100 simulations based on this single stock trial in which future catch limits are set by the *CLA*. The two sets of simulations correspond to the 0.60 and 0.72 tunings of the *CLA*. Rather than basing these calculations on a single initial depletion, the simulations for each stock shall be conducted for the set of initial depletions for the stock concerned in the *Implementation Simulation Trial* under consideration;
- (3) the cumulative distributions for the final depletion and for the depletion ratio (the minimum over each of the 100 year projection of a trial of the ratio of the population size to that when there are only incidental catches) shall be constructed for each of these two tunings of the *CLA*;

- (4) the lower 5%-ile of these distributions shall form the basis for determining whether the performance of the RMP for the *IST* is 'acceptable', 'borderline' or 'unacceptable';
- (5) if the 5%-ile of the final depletion or the 5%-ile of the depletion ratio for the *IST* that shows better performance is less than for the equivalent single stock trial with 0.60 tuning of the *CLA*, the performance of the RMP shall be classified as 'unacceptable';
- (6) if the 5%-ile of the final depletion or the 5%-ile of the depletion ratio for the *IST* that shows better performance is greater than for the equivalent single stock trial with 0.60 tuning of the *CLA* but less than for the equivalent single stock trial with 0.72 tuning of the *CLA*, the performance of the RMP shall be classified as 'borderline';
- (7) if the 5%-ile of the final depletion or the 5%-ile of the depletion ratio for the *IST* that shows better performance is greater than for the equivalent single stock trial with 0.72 tuning of the *CLA*, the performance of the RMP shall be classified as 'acceptable'.

Appendix 2, fig. 1 outlines these steps for a hypothetical case and the reader should refer to this appendix for full details.

##### Page 88

Delete Table 1.

##### Pages 88 and 89

Renumber Figs 1 and 2 as Figs 2 and 3, respectively.

#### REFERENCE

International Whaling Commission. 2005. Report of the Scientific Committee. Annex D. Report of the Sub-Committee on the Revised Management Procedure. Appendix 2. Requirements and guidelines for *Implementation*. *J. Cetacean Res. Manage. (Suppl.)* 7:84-92.

### Appendix 4

#### REPORT OF SUB-GROUP ON REVIEW OF MAXIMUM SUSTAINABLE YIELD (MSY) RATES

**Members:** Cooke, Butterworth, Gunnlaugsson, Hatanaka, Polacheck, Schweder, Tanaka, Wade.

The group had two terms of reference:

- (i) determine what interim range of MSY rates should be used in trials in the meantime pending a review of the range of plausible MSY rates;
- (ii) make proposals for how to structure a review of the plausible range of MSY rates for use in management procedure evaluation.

##### 1. Interim range of MSY rates

The group agreed that if further work on RMP variants is conducted before completion of the review described below, the full range of MSY rates used to date should be used in trials, namely from 1% (mature) to 7% (1+). This

corresponds roughly to the range 0.66-7% for  $MSYR_{(1+)}$ , or 1-10% for  $MSYR_{(mat)}$ . This range will be revisited following the review.

##### 2. Review of the plausible range of MSY rates

The last comprehensive review by the Scientific Committee of the plausible range of MSY rates for baleen whales was conducted in 1993 (IWC, 1994). At the time the Committee concluded that there was no need to change the plausible range of MSY rates from the range of 1-7% (mature) that had been used in the RMP trials until then.

The group considered that sufficient new information had become available since 1993 to justify a new review, which should be conducted at the 2007 Annual Meeting. It should