

Draft Agenda for MSYR Workshop and beyond

The stated aim of the Workshop is to ensure that *sufficient progress* is made to allow a thorough review of plausible MSY rates (currently $MSYR_{(mat)}=1\%$ to 7%) for use in Revised Management Procedure (RMP) trials¹ at the 2008 meeting and, if appropriate, to revise the range.

1 INTRODUCTORY ITEMS

1.1 Convenor's opening remarks

Note: I was conned into Convening this group whilst I was out of the room! However, it seems to me we have an awful lot of work to do. In fact I have drafted this Agenda to cover all of the work needed including work that may have to be done in Chile (i.e. especially Item 4) – we may not have time to cover this. If we are even to have a sporting chance of completing item 3 then I need you as a Steering Group to assist in some preparatory work. This primarily concerns two aspects: (1) writing an introductory paper that covers Item 2 – Justin and Doug, I know that you have thought and written on aspects of this – could one or both of you ‘volunteer’ to write something that we can use to start discussion here; (2) pulling together a simple table that summarises the available estimates including data used, method used, reference, whether data are available for SC use if reanalysis suggested – some work has already been done on this as you know (see Appendix from SC report) - any volunteers for this?

1.2 Election of Chair

1.3 Appointment of rapporteurs

1.4 Adoption of Agenda

1.5 Review of documents

Note: as requested, all of the documents listed as relevant at the last meeting have been on the website for some time.

2 GENERAL ISSUES

2.1 How MSYR is used in the RMP including implications of the choice of the population model underlying operating model for RMP trials for trends in population size over the first 100 years of management

2.1.1 *Choice of component of population to which MSYR applies*

2.2 Summary of methods for estimating MSYR

2.2.1 *Trends in abundance (incl. relationship between recovery rates and sustainable yield rates under exploitation)*

2.2.2 *Population dynamics models*

2.2.3 *Catch-at-age data*

2.2.4 *Changes in biological parameters*

2.2.5 *Maxima inferred from demographics*

3 REVIEW OF ESTIMATES

3.1 Summary of existing estimates

3.2 Initial review including consideration of uncertainty in data and methods

3.3 Recommendations for future work

4 INITIAL DISCUSSION OF RESULTS OF REVIEW IN AN RMP CONTEXT

¹ This can refer to Trials established for the *CLA* or to *Implementation Simulation Trials*

4.1 Methods for synthesizing estimates from multiple sources

4.2 Limitations of existing methods

4.2.1 *Trends in abundance (incl. relationship between recovery rates and sustainable yield rates under exploitation)*

4.2.2 *Population dynamics models*

4.2.3 *Catch-at-age data*

4.2.4 *Changes in biological parameters*

4.2.5 *Maxima inferred from demographics*

4.3 Other issues

4.3.1 *Supercompensation, depensation, hypercompensation*

4.3.2 *Consideration of changing environment (systematic and stochastic)*

4.3.3 *Implications of lack of estimates for some species/regions*

5 RECOMMENDATIONS AND WORKPLAN

6 ADOPTION OF REPORT