

SEDAR Steering Committee

SEDAR Reports

I. SEDAR Assessment Report Outline

A standardized assessment report outline was developed and implemented during SEDAR 4 and 5. The basic format is taken from previous SEDAR reports, primarily that for the yellowtail snapper assessment. Each SEDAR Cycle reviews the basic draft and modifies as necessary.

The goals are to have one complete report, largely to simplify information transfer and reduce tracking problems, and to have a standard format to provide consistency between workshops and cycles. One problem arises when a Data Workshop includes more species than are ultimately assessed at the Assessment Workshop. A solution may be to follow the standardized format for those species assessed, and provide a supplemental report including sections 1-4 and 9-12 for species only receiving a data review. Another problem arises when Assessment Workshops include multiple species. At this time Data and Assessment Workshop participants adopt a format, to either include both species in a single report or to prepare multiple stand-alone reports devoted to single species.

SEDAR Stock Assessment Report Outline

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|--------|---------------------------------------|---------------------|
| i. | SEDAR Overview | SEDAR Coordinator |
| ii. | Terms of Reference | SEDAR Coordinator |
| iii. | Workshop Schedule and Attendance | SEDAR Coordinator |
| 1. | Introduction | |
| 1.1. | Management Unit Definition | Council Staff |
| 1.2. | Regulatory History | Council/SERO Staff |
| 1.3. | Assessment History | Lead Assessment Lab |
| 2. | Life History | Data Workshop |
| 2.1. | Natural Mortality | |
| 2.2. | Age | |
| 2.3. | Growth | |
| 2.4. | Reproduction | |
| 2.5. | Stock definitions | |
| 3. | Fishery Descriptions and Data Sources | Data Workshop |
| 3.1. | Commercial | |
| 3.1.1. | Overview | |
| 3.1.2. | Commercial Landings | |
| 3.1.3. | Commercial Discards | |
| 3.1.4. | Commercial Catch Rates | |
| 3.1.5. | Commercial Sampling Intensity | |
| 3.1.6. | Commercial Catch-at-Age/Length | |
| 3.2. | Recreational | |
| 3.2.1. | Overview | |
| 3.2.2. | Recreational Landings | |
| 3.2.3. | Recreational Discards | |
| 3.2.4. | Recreational Catch Rates | |
| 3.2.5. | Recreational Sampling Intensity | |
| 3.2.6. | Recreational Catch-at-Age/Length | |
| 3.3. | Headboat/For-Hire/Other | |
| 3.3.1. | Overview | |
| 3.3.2. | Landings | |

3.3.3. Discards	
3.3.4. Catch Rates	
3.3.5. Sampling Intensity	
3.3.6. Catch-at-Age/Length	
4. Fishery-Independent Survey Data	Data Workshop
4.1. Description of Survey 1	
4.1.1. Methods, Gears, and Coverage	
4.1.2. Sampling Intensity – Time Series	
4.1.3. Size/Age data	
4.1.4. Catch Rates – Number and Biomass	
4.1.5. Uncertainty and Measures of Precision	
5. Stock Assessment Methods	Assessment Workshop
5.1. Model 1	
5.1.1. Overview	
5.1.2. Data Sources	
5.1.3. Model Configuration	
5.1.4. Parameters Estimated	
5.1.5. Uncertainty and Measures of Precision	
6. Stock Assessment Results	Assessment Workshop
6.1. Model 1 Results (Estimates and Measures of Precision)	
6.1.1. Stock Abundance at age	
6.1.2. Stock Biomass (total and spawning stock)	
6.1.3. Selectivity	
6.1.4. Mortality	
6.1.5. Stock-Recruitment Parameters	
6.1.6. Retrospective and Sensitivity Analyses	
6.1.7. Total Mortality	
7. Biological Reference Points (SFA Parameters)	Assessment Workshop Council Staff
7.1. Existing Definitions and Standards	
7.2. Estimation Methods	
7.3. Results	
7.3.1. Overfishing Definition	
7.3.2. Overfished Definition	
7.3.3. Control Rule	
7.4. Status of Stock Declarations	
8. Projections and Management Impacts	Assessment Workshop
8.1. Probable Future Stock Conditions	
8.1.1. Projection Methods	
8.1.2. Projection Results	
8.1.2.1. Stock Status	
8.1.2.2. Abundance	
8.1.2.3. Biomass	
8.1.2.4. Exploitation	
8.2. Management Outcomes and Risk Analysis	
8.2.1. Impacts of Current Actions	
8.2.2. Impacts of Potential Alternative Actions	
9. Research Recommendations	All Workshops
10. Literature Cited	
11. Tables	
12. Figures	
Appendices	Review Workshop
1. Consensus Report	
2. Advisory Report	

II. Review Panel Report Segments

The Review Panel is charged with producing two report components: 1) a consensus report, in which their comments, criticisms, and suggestions are summarized and the Terms of Reference are addressed, and 2) an advisory report, in which they summarize stock status and their advice.

There are currently no reporting standards for the Review Panel Reports. Providing standards would give the Panels guidance as to what they should report, and would allow the Councils an opportunity to specify what they desire in the reports.

1. Consensus Report Sections

Section 1. Terms of Reference

Address each item individually

Section 2. General Comments

Summarize additional comments or concerns, with a dedicated section for each group on the review panel (similar to a segment included in yellowtail snapper).

A. Scientists

B. Constituents or fishers

C. Environmentalists

Section 3. Process and Procedures

Provide any desired comments on the overall process

2. Advisory Report Sections

The SAW/SARC uses a standardized Advisory Report format (Example attached, SARC_AdvReport.pdf) that has been well received by managers and constituents. It clearly and concisely summarizes the relevant stock parameters. Essentially, it is a Cliffs notes summary of the assessment. Standard sections are used in all reports, and the review committee drafts summary text for each section. The comments may range from a few lines to a few paragraphs. There are also several tables, one which summarizes any forecasts which were produced and another which summarizes fishery and stock status for the last 10 years. A standard set of figures provides stock status at a glance. Additional figures can be added if the committee desires.

This report format could be adopted for SEDAR, as is or modified.

One modification to be considered is deleting the management advice section.