

RESULTS OF SCIENTIFIC AND STATISTICAL COMMITTEE METHODOLOGY REVIEW

Situation: Each year, the Scientific and Statistical Committee (SSC) completes a methodology review to help assure new or significantly modified methodologies employed to estimate impacts of the Council's salmon management use the best available science. This review is preparatory to the Council's adoption, at the November meeting, of all anticipated methodology changes to be implemented in the coming season, or, in certain limited cases, of providing directions for handling any unresolved methodology problems prior to the formulation of salmon management options in March. Because there is insufficient time to review new or modified methods at the March meeting, the Council may reject their use if they have not been approved the preceding November.

The methodologies the SSC is expected to report on at this time are:

- cohort analysis with regard to revision of the Klamath Ocean Harvest Model (KOHM)
- modification of the methodology for estimating Central Valley Index (CVI) chinook abundance
- coho cohort analysis project

The Council staff assessment of the status of the methodology reviews at the time of briefing book preparation is as follows. The revision of the KOHM is not complete at this time and is not expected to be utilized in place of the current model for the 2001 salmon season. It is unclear as to whether or not the coho cohort analysis is sufficiently developed and documented to be utilized in 2001. Modification of the CVI chinook abundance estimate involves forcing the regression through zero. This is a relatively common procedure, and presumably the SSC will be able to provide guidance to the Council on this issue. However, no documentation of any of the methodology changes was received by the SSC review deadline of September 1, 2000.

Council Action:

- 1. Approve methodology changes as appropriate for implementation in the 2001 salmon season.**
2. Provide guidance as needed for any unresolved methodology issues.

Reference Materials:

1. Exhibit B.2.b, Supplemental SSC Report.

PFMC
10/17/00