

SCIENTIFIC AND STATISTICAL COMMITTEE COMMENTS ON UPDATE ON SCIENTIFIC AND
STATISTICAL COMMITTEE METHODOLOGY REVIEW

The Scientific and Statistical Committee (SSC), in consultation with the Salmon Technical Team (STT), reviewed the status of the salmon methodology topics identified as possible review candidates at the April 2002, Council meeting. There has been little progress on most of these items due, primarily, to limited agency resources. Modifications to the chinook Fisheries Regulation Assessment Model (FRAM) for mark-selective fisheries are scheduled for review in October. Two other items, the Management Plan for Lower Columbia River coho salmon and coho FRAM Terminal Fisheries may have material for review in early 2003. Discussion of specific projects identified in April follows.

1. Klamath Ocean Harvest Model (KOHM) effort estimates for Ft. Bragg area: there has been no subsequent work. At the start of the March Council meeting the STT was going to use 1980s data to model 2002 Ft. Bragg effort in July and August. The STT responded to objections that the effort levels were inappropriate by modeling effort shifts from Monterey and San Francisco based on historical contribution rates. By December they will have complete data from 2002 fisheries in the Ft. Bragg area. The STT will have a summary of the performance of the model by March 2003. At that time the Council can make a decision on the need for future reviews. The STT anticipates using the revised method for 2003.
2. Coho Impact Model (CIM) for California: additional coho encounter rate data have been gathered by the California Department of Fish and Game (CDFG). No analysis or modeling has been done.
3. Oregon Coastal Natural (OCN) coho salmon prediction methodology: no new predictors have been proposed.
4. Oregon Department of Fish and Wildlife (ODFW) Management Plan for Lower Columbia River coho salmon: the draft plan needs data cleanup and method improvements. A reviewable document may be available in early 2003.
5. FRAM for mark-selective fisheries: the Washington Department of Fish and Wildlife (WDFW) has modified the chinook FRAM to accommodate mark-selective fisheries. The SSC will review these modifications in October.
6. Columbia River Fall chinook abundance predictors: there has been some preliminary work on producing ocean run-size predictors for these stocks. No methodology review is needed at this time.
7. Coho FRAM terminal fisheries: The Coho Technical Committee (CoTC) of the Pacific Salmon Commission (PSC) is in the process of working to modify the coho FRAM for bilateral management. Upcoming changes are anticipated to include: breaking the September-December time step into separate September and October-December time strata; incorporation of additional fishery sequences in the final time step to accommodate preterminal/terminal/extreme terminal fisheries; and addition of fishery and stock strata for Canadian management. The CoTC anticipates these modifications will be ready for use in 2004 and wishes to schedule a status update for the SSC in January or February 2003.
8. Protocol for boundary changes: when management boundaries shift, the associated fisheries databases change so historical information is not consistent with new management areas. There are usually insufficient data to evaluate effects of boundary changes or to model fishery impacts based on the resulting new management areas. There are no proposals for a protocol.