MODEL EVALUATION WORKGROUP REPORT ON
2010 SALMON METHODOLOGY REVIEW

A list of priority candidate items that the Scientific and Statistical Committee (SSC) may consider for the 2010 Salmon Methodology Review was adopted by the Council at the April meeting. The current status of items the Model Evaluation Workgroup (MEW) has worked on are as follows:

1. Sensitivity analysis of Chinook and Coho Fishery Regulation Assessment Models (FRAM) to major assumptions, including sensitivity to parameters related to mark-selective fisheries.  
   • The MEW has not made any further progress on this topic and will not have a report available for the review meeting.

2. Bias-correction methods for estimates of unmarked and marked fish mortalities when both mark-selective and non-selective fisheries are operating during a FRAM time step that would be applicable to Coho FRAM.  
   • A completed report will be ready for review at the methodology review meeting.

3. Analysis of potential FRAM bias which examines the relative contribution to bias of various FRAM model parameters.  
   • A completed report will be ready for review at the methodology review meeting.

4. Adding additional coded-wire-tag (CWT) groups to Chinook FRAM for better representation of the upper Columbia River summer Chinook stock.  
   • Six new CWT groups for this stock, from three additional brood years, have been incorporated into a version of the Chinook FRAM Base Period. The current state of the analyses is sufficient for evaluation at the methodology review meeting, for potential use during 2011 pre-season modeling.

PFMC
9/7/10