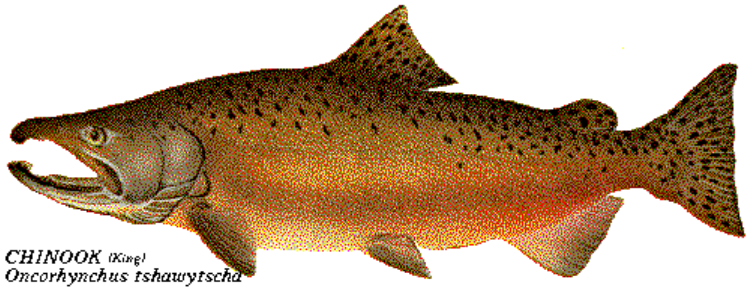

PSC Chinook Technical Committee

TO: Pacific Salmon Commission

FROM: John Carlile, Chuck Parken and Rishi Sharma

DATE: March 30, 2011

SUBJECT: Preseason AABM Fishery Abundance Indices for 2011 and Post-Season Abundance Indices for 2010

The Chinook Technical Committee (CTC) has completed a final calibration (#1106) of the Chinook Model for the upcoming (2011) fishing season. The completed calibration provides the Abundance Indices (AI) that are required for determining the preseason estimated allowable catches for the three Aggregate Abundance Based Management (AABM) fisheries: Southeast Alaska all gear (SEAK), Northern British Columbia troll and Queen Charlotte Island sport (NBC), and West Coast Vancouver Island troll and outside sport (WCVI). The AIs and the associated allowable catches are shown in Table 1.

Table 1. Abundance indices and associated allowable catches for the 2011 AABM Fisheries.

	SEAK	NBC	WCVI
Abundance Index	1.69	1.38	1.15
Allowable Catch	294,800	182,400	196,800

The 2010 Preseason and Post-Season AIs, associated allowable catches and the observed catches for the AABM fisheries are shown in Table 2.

Table 2. Preseason and Post-Season Abundance indices, associated allowable catches and the observed catches for the 2010 AABM fisheries.

Preseason			
	SEAK	NBC	WCVI
Abundance Index	1.35	1.17	0.96
Allowable Catch	221,800	152,100	143,700
Actual			
Observed Catch	227,720	136,613	139,047
Post-Season			
Abundance Index	1.31	1.23	0.95
Allowable Catch	215,800	160,400	142,300

The CTC is currently preparing a PSC document that will contain the Chinook salmon catches and escapements through 2010, which the CTC plans to finalize by June, 2011. The CTC will also prepare a PSC document containing the results of the exploitation rate analysis and model calibration for 2011. This report will also contain the Post-Season AIs for the AABM fisheries and non-ceiling indices for the Individual Stock Based Management (ISBM) fisheries. The CTC is scheduled to finalize this report by August, 2011.

cc Don Kowal
Cheryl Ryder
Wellsley Hamilton