



**TO:** Pacific Salmon Commission  
**FROM:** John Carlile, Antonio Velez-Espino, and Jon Carey  
**DATE:** March 31, 2020  
**SUBJECT:** AABM Fisheries Preseason Abundance Indices and allowable catches for 2020

The CTC has completed and is recommending to the Commission the results of calibration CLB2002 of the “new” (Phase 2) PSC Chinook Model for 2020. The calibration provides the Abundance Indices (AIs) required for determining the 2020 preseason allowable catches (ACs) for the two Canadian Aggregate Abundance Based Management (AABM) fisheries: Northern British Columbia troll and Queen Charlotte Island sport (NBC), and West Coast Vancouver Island troll and outside sport (WCVI).

Please note the following:

1. The preseason AC for the Southeast Alaska all gear (SEAK) fishery was determined from Table 2 in Chapter 3 of the 2019 Agreement based on the SEAK catch per unit effort (CPUE) from the early winter power troll fishery in district 113.
2. The preseason ACs for the NBC and WCVI fisheries were determined from Table 1 (translated for use with the “new” PSC Chinook Model per Commission decision on October 17, 2019) in Chapter 3 of the 2019 Agreement.

The 2019 preseason SEAK CPUE, the AIs and the associated ACs for each of the AABM fisheries are shown in Table 1.

The postseason AIs produced by this model calibration for each of the three AABM fisheries are not compatible with the preseason AIs used to determine the 2019 allowable catches, as the 2019 preseason AIs were produced using the “old” version of the PSC Chinook Model. Postseason AIs for 2019 are forthcoming and will be provided from a calibration of the “old” Model, which is scheduled to occur at a later date during spring 2020.

Table 1. Preseason CPUE and AIs, and associated ACs for the 2020 AABM Fisheries.

	SEAK	NBC	WCVI
CPUE/AI	CPUE <sup>1</sup>	AI	AI
Index	4.83	1.08	0.75
Allowable Catch	205,165	133,000	87,000

<sup>1</sup> The CLB2002 2020 preseason AI for SEAK is 1.13, which would yield a non-tiered AC of 140,000 if the PSC Chinook Model was being used.

cc John Field  
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