

During the Committee of the Whole discussion on proposals 176 (for BoF to direct the JRPT to develop a plan to fix the troll imbalance over a ten-year period) and 188 (for a block of troll time in SE Cove SHA) and the RC 107 amendment (for a block of troll time) to proposal 182/183 (Deep Inlet rotation) there was a concern that fish quality might suffer if there was not a weekly common-property net fishery.

This RC is submitted to show that unlike other species of salmon, **chum salmon increase rather than decrease in value** (to a point) when allowed to mature in a terminal area. This is because of the exceptionally high value of chum roe (\$10+/lb). *The egg sacs grow larger as the females mature and the increase in roe value more than makes up for the decrease in the value of the flesh.* (Since even when in prime condition, chum meat is significantly less valuable than coho, sockeye or king, but chum eggs are worth much more than the eggs of the other species.) Hence it is not an economic concern if the slower harvest rate of a troll fishery causes chum to build up in the vicinity of the release site.

Species	DIPAC Cost Recovery ¹			Northern Seine ²	Taku G'net ²
	Lbs	Revenue	\$/lb		
Chum	5,000,000	\$7,349,287	\$1.47	\$0.66	\$0.64
Sockeye	693,000	\$577,024	\$0.83	\$1.77	\$1.85
Coho	80,000	\$80,674	\$1.01	\$0.84	\$1.21

Cost recovery salmon are taken exclusively from terminal sites (SHA's). This and the typically slow harvest rate of a cost-recovery fishery (a harvest rate similar to a troll fishery) make the cost-recovery chum much more mature than their common-property counterparts. Because of this maturity, the cost-recovery chum are worth more than twice as much as the common-property fish. The other two species have much less valuable roe and their prices reflect this.

SSRAA's Neets Bay THA does not have regular net rotations (just troll and cost-recovery) and they do not have problems with overly-mature chum.

¹ "Pounds" from pages 32-33 of Dec 6, 2014 DIPAC Board of Director's Meeting Book. "Revenue" from page 46 of same book.

² From ADF&G's Estimated Salmon Harvest by Area -SE AK &Yakutat Commercial Fisheries webpage (http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareasoutheast.salmon_harvestbyarea) for 2014 harvests.