

A Fair Solution for a Stock Composition Change in the SEDM Fishery

Summary

If the 80% Chignik stock assignment is reduced, the interception of non-local, east-bound sockeye salmon will INCREASE. To ensure that that a change in the stock assignment does not expand the interception of non-local bound sockeye salmon a proportional change in the allocation would be required.

Clarification: IF SEDM fishermen desire a Chignik stock composition change from 80% Chignik fish to 60% such would allocatively neutral if the current 7.6% allocation is proportionally adjusted to 5.7%; this is justified as the SEDM, w/exception of the terminal harvest in the NWSS of the SEDM, is an historic interception fishery and the 5.7% allocation would maintain but NOT increase the combined interception of non-local sockeye salmon bound for Kodiak, Upper Cook Inlet and Chignik. Such a change would be **neutral to both Area M and Area L**.

Table 1 below defines the neutrality levels on the harvest of non-local stocks in the SEDM June- July 25 fishery should the stock composition percentage be changed.

Table 1. Alternative Stock and Allocation Assignments for Maintaining Historic Sockeye Salmon Harvest on all Non-local stocks Interception that Maintains Neutrality for .

Chignik <u>Stock Composition Assignment</u>	SEDM <u>Allocation Assignment</u>
80% (<u>Existing</u>)	7.6% (Current Allocation)
60%	5.7%
40%	3.8%