

Summary of data for Proposal 8:

Q. Is Atka mackerel inside and outside of closure areas mixing?

A. It depends on where the Atka mackerel aggregations are in relation to the closure boundaries. Models on the Seguam Atka mackerel aggregation predict movement is limited to <70 km, and there is habitat preference in the local home range. The Seguam closure includes an entire aggregation, and there does not appear to be mixing of this fish with other aggregations in the AI (McDermott, Fritz and HAist, 2007). Near Amchitka, the closure boundary extends across the AM aggregation so that AM for the single aggregation are located inside and outside the closure area (Fritz. Personal communication 11/29/07).

Q. Do we know anything about the distribution of Atka mackerel near Attu Island or Buldir Island?

A. Per Sandra Lowe at the AFSC 12/4/07, we do not have Atka mackerel aggregation and distribution data for Attu and Buldir Islands. No tagging studies in these areas in the same manner as in Seguam. Therefore, we cannot determine the effect of providing additional closure in the Attu and Buldir Islands on the Atka mackerel aggregations that may be present.