

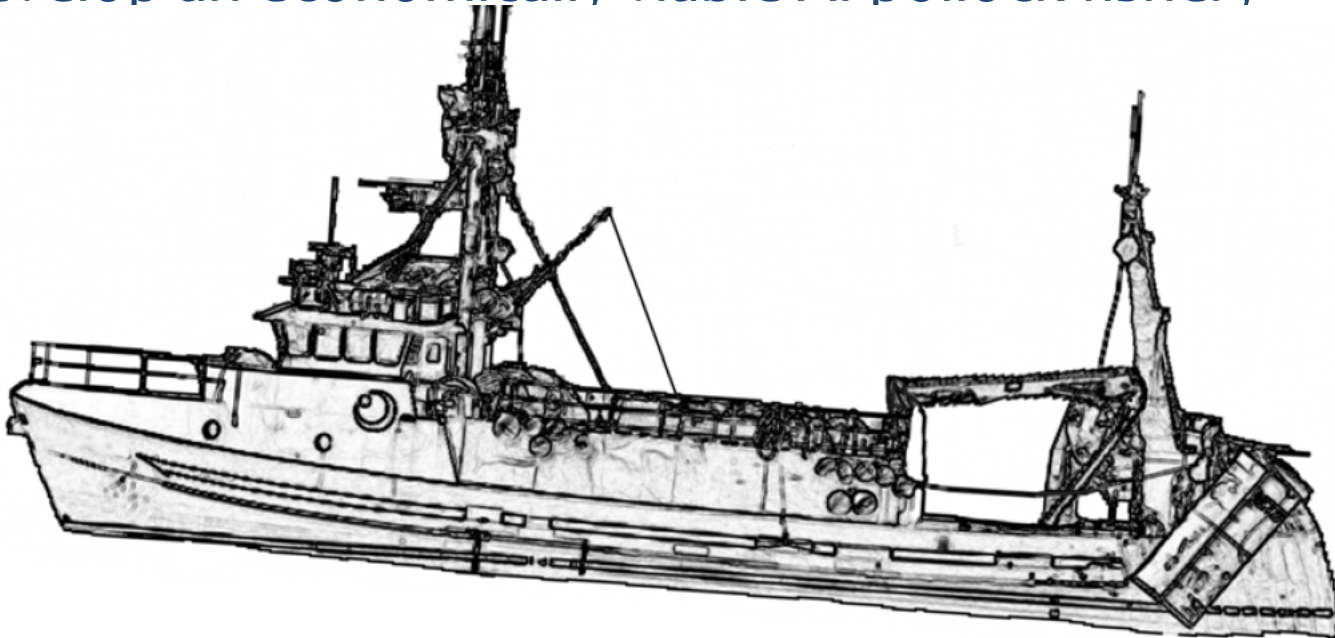
Exempted Fishery Permit # 2019 – 02 Interim Report

Permit Applicant:

The Aleut Corporation

Purpose:

To test an alternative management framework for limiting POP bycatch in the AI pollock fishery that may provide an opportunity for the Aleut Corporation to develop an economically viable AI pollock fishery

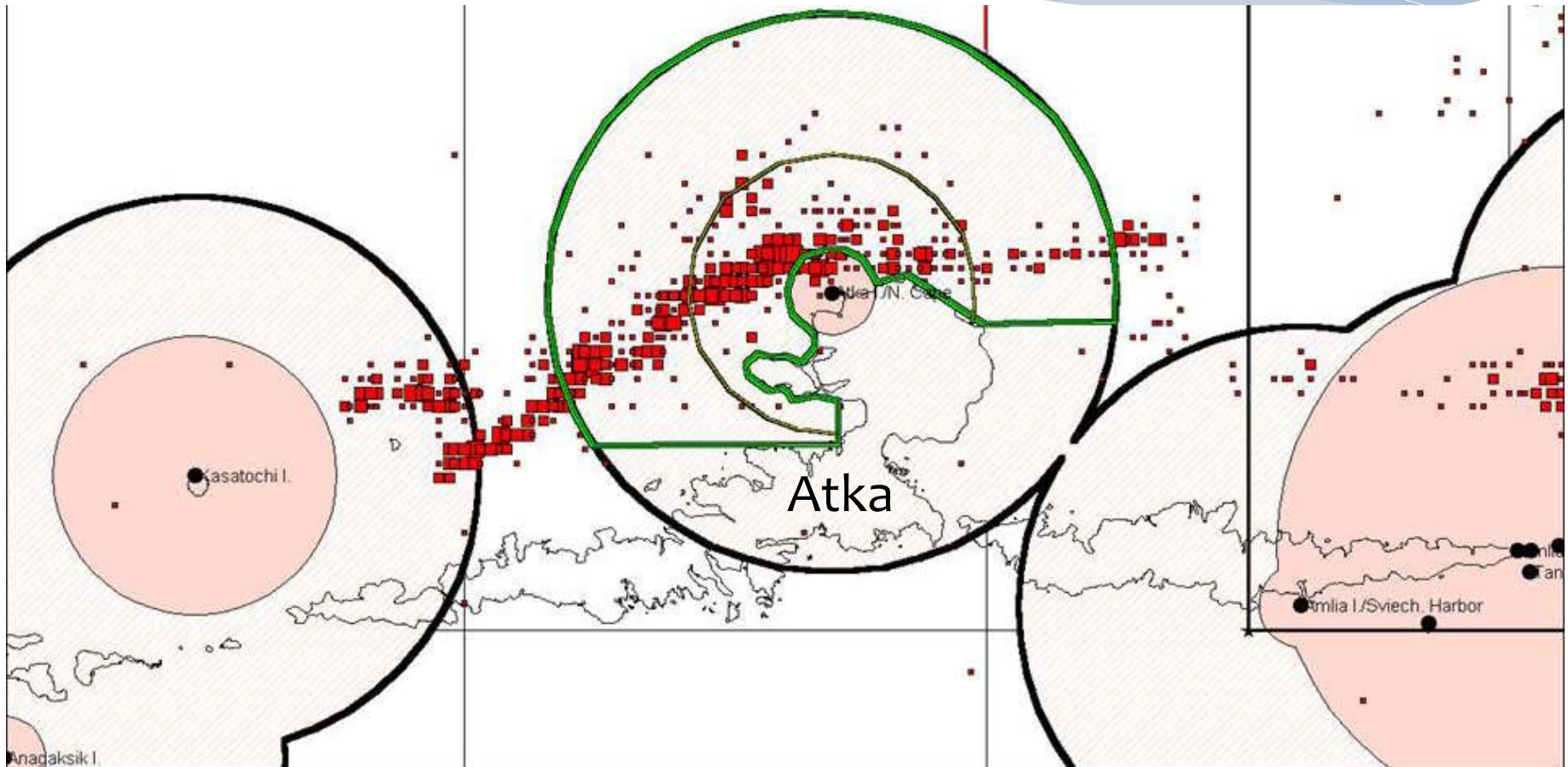


GOALS:

- * Prosecuting the Aleut Corporation's AI pollock allocation while testing methods to minimize POP catch.
- * Limiting POP waste in a fully prosecuted AI pollock fishery through full retention and accounting of POP bycatch while limiting of overall POP catch to 500 tons.
- * Improving safety at sea by reducing the amount of time necessary to stow catch by eliminating the need to sort POP from the catch on deck.
- * Gathering relevant data on timing and location of POP bycatch during the EFP AI pollock fishery that may be examined for correlations to determine means of reducing bycatch rates

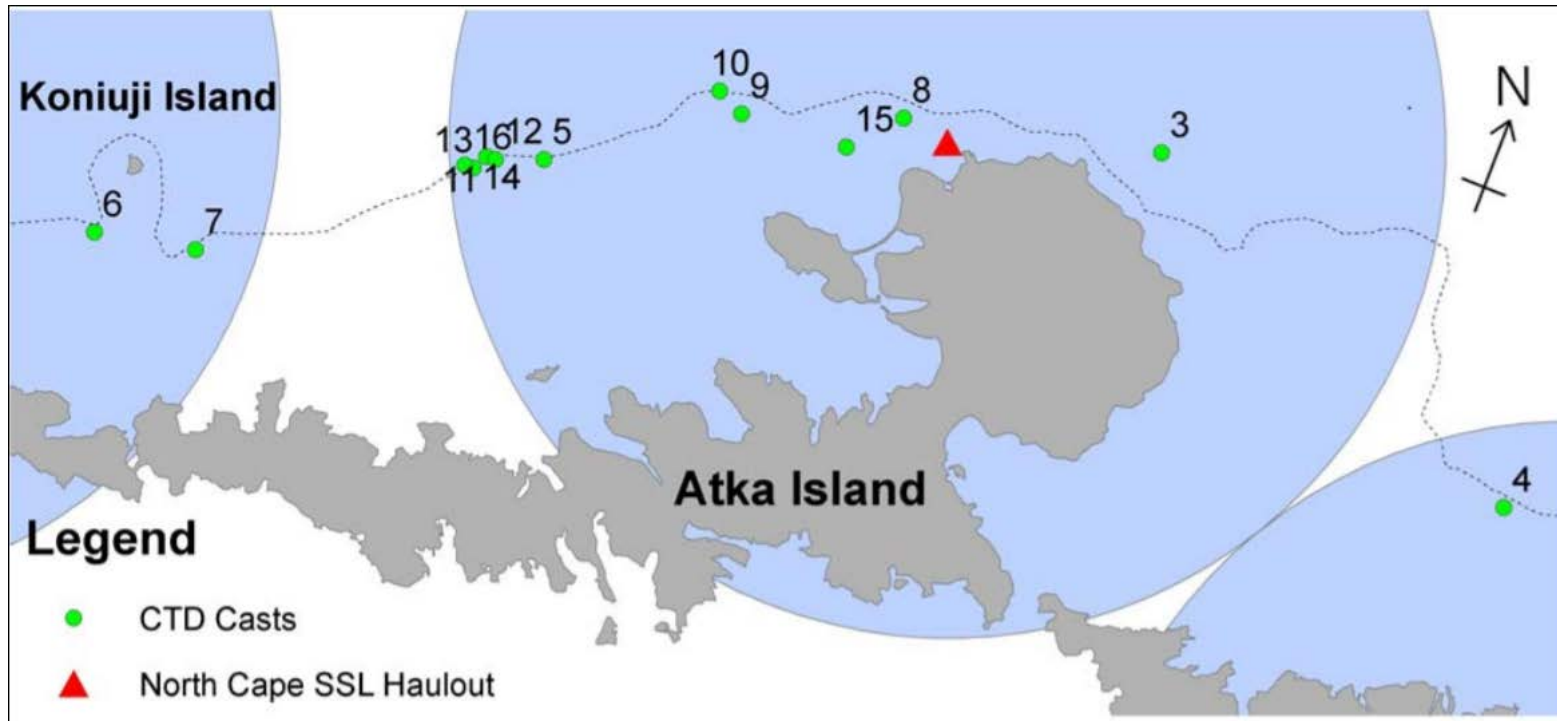
Pollock Fishing Locations NW of Atka

During the 1990's POP was <1% of the catch



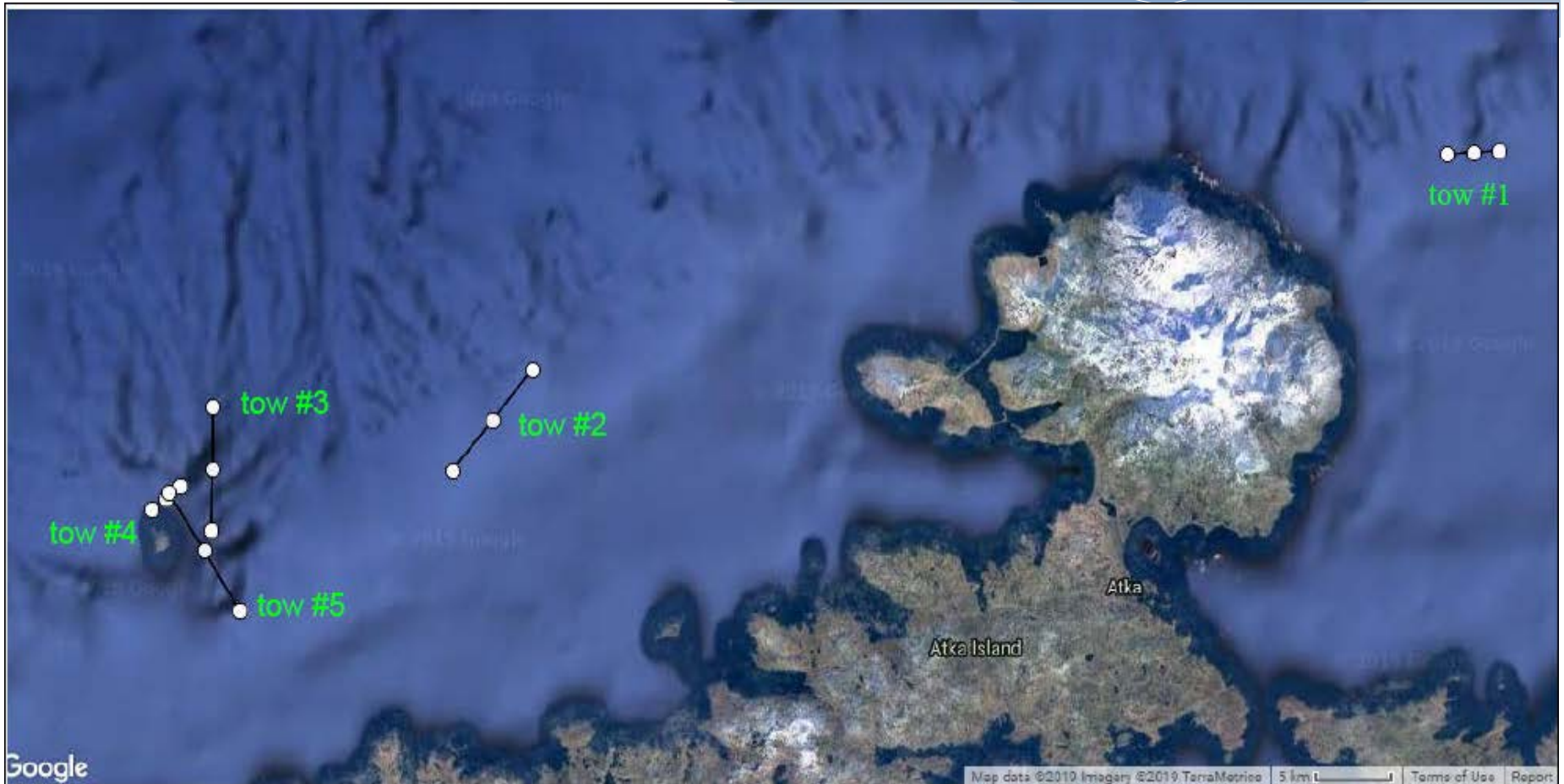
AICASS Study Area 2006-2008

POP ranged from 7% in 2006 to 21% in 2008



2019 EFP Tow Locations

POP ranged from 3% to 95% and averaged 37%



Captain's Estimates for Hauls EFP1 to EFP5					
Haul Number	Hail Weight LBS	POP as % of Total Wt. at Set	POP as % of Total Wt. at Haulback	POP as % of Total Wt. at on deck	POP Wt. estimate based on deck
MM 47 - EFP1	4,000	10%	50%	100%	4,000
MM 48 - EFP2	90,000	10%	15%	100%	90,000
MM 49 - EFP3	160,000	15%	15%	10%	16,000
MM 50 - EFP4	500	10%	30%	30%	150
MM 51 - EFP5	10,000	10%	10%	10%	1,000
Total (in lbs)	264,500			42%	111,150
Fish Ticket Data for Hauls EFP1 to EFP5					
Fish ticket #	Total Fish Ticket Wt.	Fish Ticket Pollock Wt.	Fish Ticket POP Wt.	POP as % of Pollock Wt.	POP as % of Total Wt.
E19-089954	-	-	-	-	-
E19-089954	-	-	-	-	-
<i>E19-089954</i>	234,329	143,991	90,338	63%	39%
E19-090252	-	-	-	-	-
<i>E19-090252</i>	13,081	10,769	2,312	21%	18%
Total (in lbs)	247,410	154,760	92,650	60%	37%
Observer Extrapolation by Haul					
Haul Number	Total Fmp Groundfish Wt.	Pollock Wt	Pacific Ocean Perch Wt	POP as % of Pollock Wt.	POP as % of Total Wt.
MM 47 - EFP1	1.8	0.2	1.6	994%	91%
MM 48 - EFP2	43.1	2.1	41.0	1952%	95%
MM 49 - EFP3	74.8	69.3	5.6	8%	7%
MM 50 - EFP4	0.2	0.1	0.1	92%	48%
MM 51 - EFP5	4.5	4.4	0.1	3%	3%
Total (in lbs)	274,495	167,681	106,813	64%	39%

Problems

The intent was to commence pollock fishing under the EFP immediately following the closure of A season cod March 16th.

A number of factors delayed the start of fishing until March 25%.

Only 5 tows were made before a storm followed by the B season cod opening , and then a auxiliary engine problem terminated fishing under the permit.

Successes

While we need a substantially larger data set , we were able to collect the types of data on timing, depth, and location, of POP bycatch during the EFP AI pollock fishery and cross reference it to environmental variables such as tide, current and time of day.

One of the objectives was to reduce the waste of POP that would have been discarded without the EFP. All POP was retained and processed.