

Alaska Track 1: Preliminary Review of the 2016 Season

Updated 7/11/2016

Table 1a. Review status

Trip Review Status*	Longline Halibut	Longline Pacific Cod	Longline Sablefish	
Review Completed (# trips)	17	12	23	52
Total Trips	20	12	23	55
Review Completed (percent)	85%	100%	100%	95%

* All subsequent summaries are based on reviewed trips only

Table 1b. Summary of data including: number of vessels, number of trips, and number of hauls.

Data Summary	Longline Halibut	Longline Pacific Cod	Longline Sablefish	All Fisheries
Vessels	9	3	8	16
Trips	17	12	23	52
Hauls	123	160	140	423

Table 2. Trip and Haul Level Data Quality Assessment

Trip Level Data Quality (all review levels)

	Longline Halibut	Longline Pacific Cod	Longline Sablefish	Total
Number of Trips with Complete Video Data				
Total	7	4	13	24
Percent of trips	41%	33%	57%	46%
Number of Trips with Complete Sensor Data				
Total	16	7	16	39
Percent of total trips	94%	58%	70%	75%

Haul Level Data Quality (review level 1-4 only)

Video Completeness (Number of Hauls)	Longline Halibut	Longline Pacific Cod	Longline Sablefish	Total
Video complete	98	97	120	315
Intermittent gaps in video coverage	1	55	2	58
Video ends before catch handling ends	19	4	11	34
Video starts after haul start	5	3	6	14
No video		1	1	2
Total	123	160	140	423

Catch Completeness (Number of Hauls)				
Complete - All catch brought onboard was recorded	121	101	138	360
Incomplete - Part of catch not recorded	2	59	2	63

Data Confidence from Video (Number of Hauls)				
High	121	90	127	338
Medium	1	63	9	73
Low	1	6	3	10
Unusable				
No Video		1	1	2

Image Quality (Number of Hauls)				
High	111	97	123	331
Medium	11	45	13	69
Low	1	17	3	21
Unusable				
No Video		1	1	2

Primary Reason for Medium Image Quality (Number of Hauls)				
Condensation				0
Glare			2	
Dirty Cameras		2		2
Night Lighting	1	5	1	7
Poor Camera Angles	9	27	2	38
Water Spots	1	11	8	20

Primary Reason for Low Image Quality (Number of Hauls)			
Condensation			
Glare			
Dirty Cameras			
Night Lighting			
Poor Camera Angles	1	6	
Water Spots			
No data from one or more cameras		11	3

Table 3. Summary of logbook data submissions for a given trip.

Effort Log Completed	Longline Halibut	Longline Pacific Cod	Longline Sablefish	Total	Percent Total
Yes	16	10	23	49	94%
No	1	2		3	6%
Total	17	12	23	52	100%

Table 4. Review rate by target fishery. Review of both retained and discarded catch included.

	Longline Halibut	Longline Pacific Cod*	Longline Sablefish
Haul Count	123	160	140
Average Sort Min/Haul	136	117	208
Average Review Min/Haul	59	107	102
Average Review Min/Sort Min	0.47	0.93	0.49

Table x. Streamer Line use by target fishery.

Streamer Line Status	Longline Halibut	Longline Pacific Cod	Longline Sablefish	
Streamer Line Present	16	9	19	44
No Streamer Line	1	3	4	8
Percent Trips with Streamer Line	94%	75%	83%	85%

Figure 1. Video and sensor completeness in relation to the number of trips the electronic monitoring system had been on a specific vessel. As a vessel made more trips, the likelihood of video data being complete was higher.

