

Report of the Akutan Catcher Vessel Association

2020

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1. Akutan Catcher Vessel Association

A. Cooperative Membership

Thirty-four member vessels made up the Akutan Catcher Vessel Association (ACVA) for the year 2020. The table below shows the ACVA member vessels and their associated coop percentages. As in the past, coop percentages listed represent the vessels share of the coop pollock based on the relevant catch history of each member vessel. In addition to using these percentages for pollock distribution, the coop percentages were also used for the purpose of allocating coop costs down to the vessel level. The Trident Seafoods plant in Akutan, Alaska served as the primary purchasing and processing facility for the ACVA in 2020.

	2020 Coop %
ALDEBARAN	4.3391%
ARCTIC EXPLORER	5.4590%
ARCTIC RAM	1.1385%
ARCTURUS	4.5726%
BRISTOL EXPLORER	5.2111%
CAPE KIWANDA	1.5602%
COLUMBIA	4.2706%
DOMINATOR	5.1808%
EXCALIBUR II	1.5389%
GLADIATOR	4.8569%
GOLDEN DAWN	5.1889%
GOLDEN PISCES	0.8010%
LISA MELINDA	0.6486%
MAJESTY	2.9473%
MARCY J	0.5326%
MARGARET LYN	0.1010%
MARK I	0.1336%
NORTHERN PATRIOT	7.1373%
NORTHERN RAM	2.5513%
NORTHWEST EXPLORER	4.7513%
OCEAN EXPLORER	4.7215%
PACIFIC EXPLORER	4.4702%
PACIFIC RAM	0.6022%
PACIFIC VIKING	3.2288%
PEGASUS	2.0569%
ROYAL ATLANTIC	3.8757%
PERSEVERANCE	0.8742%
LESLIE LEE	0.5824%
RAVEN	2.1062%
ROYAL AMERICAN	2.8704%
SEEKER	1.0935%
SOVEREIGNTY	6.9589%
TRAVELER	0.1222%
VIKING EXPLORER	3.5163%
	100.0000%

B. Cooperative Management

The Akutan Catcher Vessel Association is governed by a Board of Directors as well as through active participation by the owners and operators of the member vessels. The Akutan Catcher Vessel Association remains very active in the Inter-coop process and is bound contractually to the Inter-coop through the Inter-Coop Agreement. Inter-coop issues and fishery management decisions are brought to the coop level in the form of preferred alternatives. The preferred alternatives are a result of discussions and negotiations with the other coops resulting in unanimous decisions by all coop representatives. All preferred alternatives are discussed and voted on at the coop level prior to being supported at the inter-coop level.

C. In-Season Management

The day to day management of the coop is the responsibility of the coop manager. The coop manager is responsible for all communications with the fleet regarding coop and inter-coop issues as well as providing all coop information back to the vessel owners and managers. The coop manager also schedules all meetings, budgets and manages coop costs and attends all inter-coop meetings.

In addition to the above duties, the coop Manager is also responsible for all pollock and sideboard distribution as well as the in-season management of all pollock, sideboard fisheries and PSC. Prior to individual season openings, it is requested that the coop members advise the coop manager of their fishing plans. This is not a formal process but it provides the coop manager adequate information as to which vessels will participate in which fisheries prior to the fisheries commencing. During this process, member vessels are informed of allocations or sideboard restrictions and any other pertinent information that needs to be conveyed. As the fisheries proceed, landing data is obtained by the coop manager from the plant that received the catch and landing totals are tabulated and compared against allocations or sideboards in the pertinent area. Vessels keep updated on their allocation progress via direct communication with the coop manager. An update is also sent to the processor and the vessel owners on a regular basis. This process ensures that no allocation or sideboard limits are exceeded.

It is also the responsibility of the coop manager to complete all coop reporting requirements as outlined by the government. This includes the compilation and completion of the annual report to the Council.

Transfers of allocation are used within and between coops to allow for efficient use of allocations. The coop manager is responsible for tracking all transfers and preparing any necessary paperwork to facilitate the transfers. All completed transfers are then reported to the coop via changes to the allocation spreadsheets that are distributed regularly. In many cases the manager aids in the transfer process by identifying remaining allocations or fishing situations in which a transfer might be beneficial for a fishing plan or salmon avoidance as requested by coop members.

All landings data, including prohibited species catches, are also gathered by Sea State, Inc. Since the inception of AFA coops, Sea State has been hired to act as a third party to aid in our fishery management. Harvest and bycatch data is obtained by Sea State via the NMFS eLandings program which is used at the plants, or via observer reports which are acquired through the observer program office in Seattle. This data allows Sea State to aid the coop manager with in-season management as needed. This service is used primarily to monitor the harvest of prohibited species and to facilitate the various bycatch programs put in place by the inter-coop group. All data gathered by Sea State is available to the coop manager via a password protected website. Data on the website is available in aggregate or by individual vessel deliveries. Coop members can also log on to view this information on an inquiry only basis.

2. Akutan Catcher Vessel Association AFA Pollock

A. Cooperative Pollock Allocation

Based on the NMFS verified catch histories of its member vessels, the Akutan Catcher Vessel Association was allocated **33.788%** of the pollock available for directed fishing by the Bering Sea onshore sector. This resulted in a 2020 Bering Sea pollock allocation of **210,338 MT**. This total allocation was distributed to member vessels based on their corresponding coop percentage. Per the coop agreement, 45% of their annual allocation was distributed in the “A” season and the balance in the “B” season.

B. Vessel Allocations and Harvest

Table 1 shows initial pollock allocations to the ACVA member vessels as well as the total harvest of pollock by member vessels. Table 2 shows the pollock harvest along with non-groundfish and PSC catch.

TABLE 1:

As indicated on this table in the bottom right hand corner, **12,971 MT** of pollock was left unharvested in this coop for 2020.

As evident by looking at each vessel’s harvest compared to their allocations, many intra-coop transfers were made. Some of this is a result of vessels stacking their allocations to further rationalize the fishery. Many of these transfers were a direct result of specific operational plans during the “B” season fishery. For example, there are several vessels that don’t harvest their B season pollock because of their participation in other fisheries. They would harvest both their A and B season pollock allocation during the A season.

As you can see at the bottom of Table 1 three boats from outside the coop were contracted under Amendment 69 to deliver fish on behalf of the ACVA. All of this fish was delivered to the Trident Plant in Akutan.

No member vessels in this coop exceeded their annual allocation of BS pollock without approval of the coop manager. Small overages do occur but were easily offset by the vessels that left small amounts unharvested.

TABLES 2 and 3:

Show the total pollock catch and the associated PSC bycatch as well as sideboard bycatch in the directed pollock fishery.

TABLE 1

AKUTAN CATCHER VESSEL ASSOCIATION

2020 POLLOCK ALLOCATIONS AND HARVEST BY VESSEL

2020 Total Pollock Allocation:

210,338

Vessel	2020 Coop %	2020 Allocation (MT)	Vessel Harvest (MT)	Over/Under Allocation (MT)
Aldebaran	4.3391%	9,127	7,389	1,738
Arctic Explorer	5.4590%	11,482	11,985	(503)
Arctic Ram	1.1385%	2,395	2,266	129
Arcturus	4.5726%	9,618	8,960	658
Bristol Explorer	5.2111%	10,961	14,056	(3,095)
Cape Kiwanda	1.5602%	3,282	475	2,806
Columbia	4.2706%	8,983	9,026	(43)
Dominator	5.1808%	10,897	10,674	223
Excalibur II	1.5389%	3,237	2,261	976
Gladiator	4.8569%	10,216	9,776	440
Golden Dawn	5.1888%	10,914	9,746	1,168
Golden Pisces	0.8010%	1,685	2,321	(636)
Leslie Lee	0.5824%	1,225	1,456	(231)
Lisa Melinda	0.6486%	1,364	1,173	191
Majesty	2.9473%	6,199	5,413	786
Marcy J	0.5326%	1,120	1,343	(223)
Margaret Lyn	0.1010%	212	-	212
Mark I	0.1336%	281	-	281
Northern Patriot	7.1373%	15,012	12,324	2,688
Northern Ram	2.5514%	5,367	-	5,367
Northwest Explorer	4.7513%	9,994	8,907	1,087
Ocean Explorer	4.7215%	9,931	7,848	2,083
Pacific Explorer	4.4702%	9,403	9,829	(427)
Pacific Ram	0.6022%	1,267	1,171	96
Pacific Viking	3.2288%	6,791	6,240	552
Pegasus	2.0569%	4,326	4,488	(162)
Perseverance	0.8742%	1,839	1,140	698
Raven	2.1062%	4,430	2,643	1,787
Royal American	2.8704%	6,037	7,415	(1,378)
Royal Atlantic	3.8757%	8,152	8,105	46
Seeker	1.0935%	2,300	2,144	156
Sovereignty	6.9589%	14,637	13,098	1,539
Traveler	0.1222%	257	2,198	(1,941)
Viking Explorer	3.5163%	7,396	8,354	(957)
Collier Brothers (AM69)		-	1,912	(1,912)
Nordic Star (AM69)		-	416	(416)
Seadawn (AM69)		-	815	(815)
Totals	100.00%	210,338	197,367	12,971

TABLE 2

AKUTAN CATCHER VESSEL ASSOCIATION

2020 ACTUAL CATCH AND PSC BYCATCH IN DIRECTED POLLOCK FISHERY

Vessel	Pollock Harvest (MT)	Non Target Groundfish (MT)	Halibut Mort. (MT)	Red King Crab (N)	Bairdi (N)	Other Tanner (N)	Chinook (N)	Other Salmon (N)	Herring (MT)
ALDEBARAN	7,389	129	0.19	0	1	0	222	1,795	17.32
ARCTIC EXPLORER	11,985	241	0.77	0	1	0	270	8,254	30.35
ARCTIC RAM	2,266	28	0.03	0	0	0	80	2,490	0.13
ARCTURUS	8,960	162	0.03	0	0	0	260	4,624	10.20
BRISTOL EXPLORER	14,056	338	0.81	1	25	0	291	10,327	85.78
CAPE KIWANDA	475	8	0.01	0	8	0	0	5	1.60
COLUMBIA	9,026	239	0.11	0	2	0	196	1,257	9.79
DOMINATOR	10,674	201	0.92	0	2	0	199	3,044	25.28
EXCALIBUR II	2,261	49	0.02	0	0	0	28	757	3.86
GLADIATOR	9,776	228	0.01	0	0	0	178	3,959	2.95
GOLDEN DAWN	9,746	243	0.01	0	0	0	143	1,978	4.91
GOLDEN PISCES	2,321	25	0.03	0	0	0	45	408	1.27
LESLIE LEE	1,456	26	0.02	0	0	0	75	326	0.17
LISA MELINDA	1,173	54	0.03	0	0	0	66	1	1.20
MAJESTY	5,413	99	0.08	0	1	0	128	2,579	24.38
MARCY J	1,343	24	0.00	0	0	0	129	1,996	0.38
NORTHERN PATRIOT	12,324	350	0.85	1	0	0	308	4,800	43.47
NORTHWEST EXPLORER	8,907	255	2.79	0	1	0	218	7,938	3.86
OCEAN EXPLORER	7,848	151	0.02	2	13	0	82	8,512	35.32
PACIFIC EXPLORER	9,829	159	-	0	0	0	134	9,164	113.52
PACIFIC RAM	1,171	23	0.02	0	0	0	73	1	8.28
PACIFIC VIKING	6,240	156	0.04	0	0	0	132	1,664	20.68
PEGASUS	4,488	107	0.20	0	0	0	117	5	6.41
PERSEVERANCE	1,140	16	0.15	0	2	0	58	0	7.48
RAVEN	2,643	38	0.02	0	0	0	65	0	5.76
ROYAL AMERICAN	7,415	75	-	0	0	0	97	2,076	32.08
ROYAL ATLANTIC	8,105	128	0.02	0	0	0	108	1,937	6.21
SEEKER	2,144	28	0.00	0	0	0	59	1	1.52
SOVEREIGNTY	13,098	253	1.30	0	0	0	274	2,879	27.89
TRAVELER	2,198	22	-	0	0	0	10	538	4.55
VIKING EXPLORER	8,354	290	1.77	0	0	0	201	1,675	27.13
ARCTIC WIND (AM69)	1,912	55	1.50	0	0	0	38	29	14.21
COLLIER BROS (AM69)	416	7	0.02	2	0	0	4	19	0.06
SEADAWN (AM69)	815	4	0.00	0	0	0	8	0	0.00
TOTALS	197,367	4,212	11.77	6	57	0	4,296	85,038	577.98
TOTAL ALLOCATION	210,338								
REMAINING ALLOCATION	12,971								

TABLE 3

AKUTAN CATCHER VESSEL ASSOCIATION

2020 ACTUAL CATCH AND SIDEBOARD BYCATCH IN THE DIRECTED POLLOCK FISHERY

Vessel	Non Target						
	Pollock Harvest (M/T)	Groundfish (M/T)	Pacific Cod (MT)	Sablefish (M/T)	AtkaMackerel (MT)	Yellowfin Sole (MT)	Rock Sole (MT)
Aldebaran	7,389	129.41	63.40	27.16	0.13	0.14	2.93
Arctic Explorer	11,985	240.85	70.97	102.87	1.50	0.09	4.81
Arctic Ram	2,266	28.31	4.36	11.78	1.31	0.00	0.40
Arcturus	8,960	161.56	34.33	0.90	0.00	0.38	1.19
Bristol Explorer	14,056	337.82	55.50	56.07	0.50	0.05	3.47
Cape Kiwanda	475	7.86	119.64	140.73	1.11	0.04	4.44
Columbia	9,026	239.37	2.56	3.64	0.00	0.00	0.03
Dominator	10,674	201.15	1.09	2.28	0.00	0.14	0.10
Excalibur II	2,261	49.39	87.14	95.56	0.25	0.08	2.47
Gladiator	9,776	228.25	79.72	40.42	0.27	0.26	2.89
Golden Dawn	9,746	243.02	24.65	6.64	0.02	0.03	0.21
Golden Pisces	2,321	24.78	58.16	53.08	10.59	0.18	2.05
Leslie Lee	1,456	26.03	83.85	87.03	0.09	0.08	2.45
Lisa Melinda	1,173	53.65	8.73	6.90	0.31	0.00	0.48
Majesty	5,413	98.66	3.57	4.18	11.07	0.00	0.23
Marcy J	1,343	24.49	48.43	0.00	0.00	0.03	0.24
Northern Patriot	12,324	250.29	53.38	18.10	0.40	0.02	0.88
Northwest Explorer	8,907	255.27	2.82	8.98	0.07	0.00	0.39
Ocean Exploreer	7,848	151.27	114.14	139.64	0.78	0.73	5.27
Pacific Explorer	9,829	158.55	66.76	90.12	7.01	0.13	2.17
Pacific Ram	1,171	23.08	49.43	26.76	1.99	0.22	2.34
Pacific Viking	6,240	156.28	85.50	12.41	0.12	0.22	1.83
Pegasus	4,488	107.35	22.29	0.00	0.00	0.01	0.36
Perseverance	1,140	16.12	92.77	34.74	0.05	0.25	0.98
Raven	2,643	37.72	96.75	0.00	0.00	0.09	1.39
Royal American	7,415	74.89	14.07	0.00	0.00	0.00	0.19
Royal Atlantic	8,105	127.74	36.32	0.00	0.00	0.01	0.32
Seeker	2,144	27.67	29.30	8.67	5.71	0.09	1.82
Sovereignty	13,098	253.01	59.60	18.14	0.13	0.12	1.22
Traveler	2,198	21.51	3.56	0.00	0.00	0.04	0.08
Viking Explorer	8,354	290.27	26.38	0.00	0.00	0.02	0.28
Arctic Wind (AM69)	1,912	55.29	99.25	67.39	1.51	0.17	3.95
Collier Bros (AM69)	416	6.99	2.78	5.08	1.65	0.00	0.11
Seadawn (AM69)	815	4.30	92.61	117.00	3.24	0.43	4.55
TOTALS	197,367	4,112.20	1,693.80	1,186.26	49.85	4.05	56.53
TOTAL ALLOCATION	210,338						
REMAINING ALLOCATION	12,971						

3. BSAI Sideboards

A. BSAI Cod Sideboard Allocations

BSAI sideboard allocations were established for each AFA Coop for pacific cod, yellowfin sole and rock sole. No vessels from the Akutan Catcher Vessel Association participated in the Bering Sea yellowfin sole or rock sole fishery in 2020. Coop sideboard allocations for Bering Sea flatfish have not been distributed to individual vessels in the coop.

Based on the Sea State verified catch history of its member vessels, the ACVA was allocated 31.47% of the Bering Sea cod sideboards available to the AFA non-exempt fleet. This resulted in a total 2020 pacific cod sideboard total of **8,318 MT** to the Akutan non-exempt fleet. Six-member vessels in the ACVA were Bering Sea exempt cod boats in 2020.

B. Cod Sideboard Transfers

The middle column of Table 4 shows the cod transfers that were made for 2020 for the Akutan Catcher Vessel Association. There were no cod sideboard transfers into the Akutan coop in 2020.

C. Vessel Cod and PSC Harvest

Table 4 shows the cod coop percentage for each of the non-exempt member vessels and their associated sideboard totals and harvest amounts for 2020. The bottom of the table also shows the Bering Sea cod exempt vessels and their associated cod landings for 2020. Table 5 shows the total cod sideboard harvest as well as the non-target groundfish and PSC harvest for both the exempt and non-exempt member vessels.

TABLE 4:

A total of **2,801 MT** of non-exempt cod was left unharvested during 2020. As stated above, the total non-exempt sideboard allocation for 2020 was **8,318 MT**, of which 66.3% was harvested. Most of the cod harvest took place in the winter and spring during the January through April time frame. No member vessel participated in the cod fishery during the second half of the year.

As you can see by looking at each vessel's sideboard totals and harvest amounts, some intra-coop transfers were made. These transfers were the result of vessels stacking sideboards in order to allow vessels to finish pollock and others to harvest cod in the spring. All vessels that harvested amounts in excess of their own sideboard total did so under the direction of the coop manager.

A summary of the ACVA exempt vessel cod sideboard harvest can be seen at the bottom of Table 4.

TABLE 5:

PSC caps were established for halibut, zone 1 red king crab as well as zone 1 bairdi and other tanner. As the harvest data shows, PSC bycatch was lower in 2020. A total of 39 MT, or 41%, of the coop's non-exempt halibut mortality was used to harvest the non-exempt vessel's cod. The PSC catch for the exempt cod fleet is also seen in Table 5.

TABLE 4

AKUTAN CATCHER VESSEL ASSOCIATION

2020 BERING SEA PACIFIC COD SIDEBOARD ALLOCATIONS AND HARVEST

Vessel	Coop Cod	2020 Cod Sideboard Allocation (MT)	Inter Coop Transfers (MT)	Total Sideboard with Transfers	Vessel Harvest (MT)	(Over) / Under Allocation (MT)
Aldebaran	4.971%	413.49		413.49		413.49
Arctic Explorer	4.879%	405.87		405.87		405.87
Arcturus	4.339%	360.90		360.90		360.90
Cape Kiwanda	4.813%	400.31		400.31	293.35	106.96
Columbia	5.216%	433.87		433.87		433.87
Dominator	4.536%	377.34		377.34	520.09	(142.75)
Sovereignty	1.486%	123.59		123.59		123.59
Northern Patriot	0.719%	59.82		59.82		59.82
Excalibur II	1.528%	127.10		127.10		127.10
Gladiator	4.023%	334.61		334.61	550.46	(215.85)
Golden Dawn	4.276%	355.64		355.64	494.72	(139.08)
Arctic Ram	1.067%	88.75		88.75		88.75
Lisa Melinda	0.419%	34.84		34.84		34.84
Majesty	5.532%	460.17		460.17	433.37	26.80
Northwest Explorer	4.205%	349.76		349.76	330.01	19.75
Pacific Ram	1.383%	115.04		115.04		115.04
Pacific Viking	5.587%	464.77		464.77	433.54	31.23
Pegasus	4.947%	411.52		411.52	433.19	(21.67)
Raven	3.793%	315.54		315.54	499.54	(184.00)
Royal American	5.698%	473.97		473.97	382.48	91.49
Royal Atlantic	7.103%	590.85		590.85	457.63	133.22
Viking Explorer	4.663%	387.85		387.85		387.85
Bristol Explorer	4.939%	410.80		410.80		410.80
Ocean Explorer	4.939%	410.81		410.81	304.61	106.20
Pacific Explorer	4.939%	410.81		410.81	383.62	27.19
Totals	100.000%	8,318.00	0.00	8,318.00	5,516.61	2,801.39

Exempt Vessels	2020 Cod Harvest
Northern Ram	
Golden Pisces	416.90
Marcy J	
Perseverance	435.15
Leslie Lee	449.41
Seeker	369.53
Total (MT)	1,670.99

TABLE 5

AKUTAN CATCHER VESSEL ASSOCIATION

2020 BERING SEA PACIFIC COD SIDEBOARD DIRECTED HARVEST AND PSC BYCATCH

Non - Exempt Vessels	Pacific Cod Harvest (MT)	Total GF	Non - Target Groundfish (MT)	Halibut Mortality (MT)	Red King Crab (N)	Bairdi (N)	Other Tanner (N)	Chinook (N)	Other Salmon (N)	Herring (MT)
Aldebaran										
Arctic Explorer										
Royal Atlantic	457.63	467.46	9.82	2.14	0	0	0	0	0	0
Arcturus										
Cape Kiwanda	293.4	304.1	10.7	3.3	1	6	0	1	0	0
Columbia										
Dominator	520.1	535.6	15.5	3.5	12	49	0	6	0	0
Sovereignty										
Northern Patriot										
Excalibur II										
Gladiator	550.5	560.9	10.4	9.4	0	272	0	0	0	0
Golden Dawn	494.7	507.7	13.0	2.5	0	0	0	0	0	0
Arctic Ram										
Lisa Melinda										
Majesty	433.4	441.3	7.9	0.8	0	216	0	0	0	0
Northwest Explorer	330.0	357.3	27.3	3.3	0	0	0	0	0	0
Pacific Ram										
Pacific Viking	433.5	443.4	9.9	2.5	0	0	0	0	0	0
Pegasus	433.2	446.5	13.4	2.9	10	41	0	5	0	0
Raven	499.5	504.5	5.0	2.4	9	34	0	4	0	0
Royal American	382.5	389.1	6.6	2.5	0	0	0			
Viking Explorer										
Bristol Explorer										
Ocean Explorer	304.6	312.7	8.1	2.1	0	0	0	0	0	0
Pacific Explorer	383.6	389.6	6.0	1.3	3	12	0	1	0	0
TOTAL ALLOCATION	8,318			94.5	714	14,507	23,927			
TOTALS	5,516.6	5,660.0	143.4	38.7	36	629	0	17	0	0

Exempt Vessels	Pacific Cod Harvest (MT)	Total GF	Non - Target Groundfish (MT)	Halibut Mortality (MT)	Red King Crab (N)	Bairdi (N)	Other Tanner (N)	Chinook (N)	Other Salmon (N)	Herring (MT)
Golden Pisces	416.9	424.3	7.4	2.25	5	21	0	3	0	0
Marcy J										
Leslie Lee	449.4	453.7	4.3	3.77	4	15	0	2	0	0
Perseverance	435.2	443.1	7.9	3.36	9	37	0	4	0	0
Seeker	369.5	376.4	6.9	2.00	7	28	0	3	0	0

D. Total BSAI Sideboard Harvest

2020 American Fisheries Act Catcher Vessel Sideboards have been established for most of the species or species groups in the BSAI. Coop sideboard allocations for the BSAI have only been established for pacific cod, yellowfin sole, and rock sole. Table 6 below summarizes the Akutan Catcher Vessel Association harvest of all BSAI sideboard species for 2020. These data include the directed fishing for pacific cod sideboards as well as the bycatch of all other species taken in both the pollock and cod directed fisheries in the BSAI.

TABLE 6

AKUTAN CATCHER VESSEL ASSOCIATION

2020 BSAI TOTAL SIDEBOARD HARVEST BY VESSEL

Vessel	P Cod (MT)			BS/541 Atka Mackerel (MT)			Yellowfin Sole (MT)			Rock Sole (MT)			Arrowtooth (MT)		
	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total
Aldebaran	63.39	0.01	63.40	0.13	0.00	0.13	0.14	0.00	0.14	2.93	0.00	2.93	3.26	0.00	3.26
Arctic Explorer	70.97	0.00	70.97	1.50	0.00	1.50	0.09	0.00	0.09	4.81	0.00	4.81	5.88	0.00	5.88
Arctic Ram	4.36	0.00	4.36	1.31	0.00	1.31	0.00	0.00	0.00	0.40	0.00	0.40	1.07	0.03	1.10
Arctic Wind (AM69)	34.33	0.00	34.33	0.00	0.00	0.00	0.38	0.00	0.38	1.19	0.00	1.19	0.67	0.00	0.67
Arcturus	55.49	0.02	55.50	0.50	0.00	0.50	0.05	0.00	0.05	3.47	0.00	3.47	3.94	0.00	3.94
Bristol Explorer	119.63	0.01	119.64	1.11	0.00	1.11	0.03	0.00	0.04	4.44	0.00	4.44	7.72	0.00	7.72
Cape Kiwanda	295.56	0.34	295.91	0.00	0.00	0.00	0.00	0.07	0.08	0.03	0.33	0.36	0.11	0.37	0.48
Collier Brothers (AM69)	1.09	0.00	1.09	0.00	0.00	0.00	0.14	0.00	0.14	0.10	0.00	0.10	0.20	0.00	0.20
Columbia	87.12	0.01	87.14	0.23	0.01	0.25	0.08	0.00	0.08	2.47	0.00	2.47	4.75	0.00	4.75
Dominator	599.16	0.65	599.81	0.27	0.00	0.27	0.26	0.09	0.35	2.89	0.43	3.32	7.40	0.55	7.95
Excalibur II	24.65	0.00	24.65	0.02	0.00	0.02	0.03	0.00	0.03	0.21	0.00	0.21	0.62	0.00	0.62
Gladiator	607.89	0.73	608.62	10.44	0.15	10.59	0.18	0.06	0.25	2.04	0.29	2.33	4.92	0.56	5.48
Golden Dawn	577.95	0.63	578.58	0.09	0.00	0.09	0.08	0.08	0.16	2.45	0.41	2.85	6.18	0.46	6.64
Golden Pisces	425.07	0.55	425.63	0.30	0.01	0.31	0.00	0.02	0.02	0.48	0.16	0.64	0.32	0.34	0.66
Leslie Lee	452.40	0.59	452.99	11.07	0.00	11.07	0.00	0.01	0.01	0.23	0.15	0.38	0.39	0.29	0.68
Lisa Melinda	48.43	0.00	48.43	0.00	0.00	0.00	0.03	0.00	0.03	0.24	0.00	0.24	0.11	0.00	0.11
Majesty	486.16	0.59	486.75	0.40	0.00	0.40	0.02	0.05	0.07	0.88	0.21	1.08	1.64	0.50	2.14
Marcy J	2.81	0.00	2.82	0.07	0.00	0.07	0.00	0.00	0.00	0.39	0.00	0.39	0.75	0.00	0.75
Margaret Lyn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mark I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nordic Star (AM69)	114.14	0.00	114.14	0.78	0.00	0.78	0.73	0.00	0.73	5.27	0.00	5.27	8.23	0.00	8.23
Northern Patriot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northern Ram	396.34	0.43	396.77	6.92	0.09	7.01	0.35	0.10	0.45	2.35	0.38	2.73	8.78	0.55	9.33
Northwest Explorer	353.63	0.41	354.04	1.99	0.00	1.99	0.30	0.03	0.33	2.39	0.17	2.56	3.22	0.25	3.46
Ocean Explorer	468.62	0.48	469.10	0.12	0.00	0.12	0.22	0.05	0.27	1.83	0.31	2.14	2.53	0.18	2.71
Pacific Explorer	22.29	0.00	22.29	0.00	0.00	0.00	0.01	0.00	0.01	0.36	0.00	0.36	0.04	0.00	0.04
Pacific Ram	525.75	0.55	526.30	0.05	0.00	0.05	0.25	0.05	0.30	0.98	0.29	1.27	2.52	0.42	2.94
Pacific Viking	529.45	0.49	529.94	0.00	0.00	0.00	0.09	0.13	0.22	1.39	0.56	1.95	0.26	0.59	0.85
Pegasus	448.68	0.54	449.21	0.00	0.00	0.00	0.00	0.07	0.08	0.19	0.34	0.53	0.05	0.48	0.53
Perseverance	535.20	0.66	535.86	0.00	0.00	0.00	0.01	0.01	0.03	0.32	0.16	0.48	0.03	0.36	0.38
Raven	411.26	0.51	411.77	5.71	0.00	5.71	0.09	0.05	0.15	1.81	0.22	2.03	1.63	0.47	2.10
Royal American	516.65	0.59	517.24	0.13	0.00	0.13	0.12	0.09	0.21	1.22	0.37	1.60	1.92	0.60	2.52
Royal Atlantic	3.56	0.00	3.56	0.00	0.00	0.00	0.04	0.00	0.04	0.08	0.00	0.08	0.00	0.00	0.00
Seadawn (AM69)	395.43	0.48	395.90	0.00	0.00	0.00	0.02	0.05	0.07	0.28	0.21	0.49	0.01	0.49	0.51
Seeker	99.21	0.04	99.25	1.51	0.00	1.51	0.17	0.00	0.17	3.95	0.00	3.95	3.30	0.00	3.30
Sovereignty	2.78	0.01	2.78	1.65	0.00	1.65	0.00	0.00	0.00	0.11	0.00	0.11	0.57	0.00	0.57
Traveler	92.60	0.01	92.61	3.24	0.00	3.24	0.43	0.00	0.43	4.55	0.00	4.55	4.24	0.01	4.24
Viking Explorer	35.90	0.01	35.91	19.53	0.00	19.53	0.14	0.00	0.14	3.80	0.00	3.80	2.77	0.00	2.78

TABLE 6 - CONTINUED

AKUTAN CATCHER VESSEL ASSOCIATION

2020 BSAI TOTAL SIDEBORD HARVEST BY VESSEL

Vessel	Alaska Plaice (MT)			Other Flats (MT)			BS POP (MT)			Northern Rockfish (MT)			Shortraker (MT)		
	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total
Aldebaran	0.01	0.00	0.01	2.57	0.00	2.57	18.65	2.45	21.10	0.03	0.03	0.06	0.05	0.00	0.05
Arctic Explorer	0.02	0.00	0.02	1.21	0.01	1.22	27.06	2.79	29.85	0.07	0.03	0.10	0.05	0.00	0.05
Arctic Ram	0.00	0.00	0.00	0.45	0.00	0.45	0.63	0.70	1.33	0.02	0.02	0.04	0.01	0.00	0.01
Arctic Wind (AM69)	0.00	0.00	0.00	0.63	0.00	0.63	12.08	0.63	12.71	0.01	0.00	0.02	0.02	0.00	0.02
Arcturus	0.01	0.00	0.01	2.54	0.00	2.55	8.36	2.14	10.49	0.04	0.02	0.07	0.06	0.00	0.06
Bristol Explorer	0.01	0.00	0.01	2.09	0.01	2.10	43.70	13.24	56.94	1.37	0.39	1.76	0.11	0.00	0.11
Cape Kiwanda	0.00	0.09	0.09	0.00	0.53	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Columbia	0.00	0.00	0.00	1.03	0.00	1.03	29.81	2.67	32.48	0.09	0.03	0.12	0.06	0.00	0.06
Dominator	0.04	0.12	0.17	5.88	2.04	7.92	27.55	3.69	31.24	0.20	0.03	0.24	0.06	0.00	0.06
Excalibur II	0.00	0.00	0.00	0.13	0.00	0.13	10.24	0.91	11.15	0.04	0.01	0.05	0.01	0.00	0.01
Gladiator	0.03	0.08	0.11	5.88	1.81	7.70	75.44	7.95	83.39	0.06	0.14	0.20	0.05	0.00	0.05
Golden Dawn	0.00	0.08	0.09	3.36	1.90	5.27	23.31	2.51	25.82	0.25	0.03	0.28	0.04	0.00	0.04
Golden Pisces	0.00	0.07	0.07	0.06	1.60	1.66	7.79	1.09	8.89	0.11	1.81	1.92	0.03	0.00	0.03
Leslie Lee	0.00	0.12	0.12	0.12	1.90	2.01	2.56	1.16	3.71	0.00	0.03	0.03	0.01	0.00	0.01
Lisa Melinda	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Majesty	0.03	0.12	0.15	0.38	1.71	2.09	8.10	1.41	9.51	0.04	0.02	0.06	0.02	0.00	0.02
Marcy J	0.00	0.00	0.00	0.06	0.00	0.06	0.15	0.21	0.36	0.00	0.01	0.01	0.00	0.00	0.00
Margaret Lyn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mark I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nordic Star (AM69)	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.06	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Northern Patriot	0.01	0.00	0.01	5.82	0.00	5.83	26.38	17.60	43.98	0.53	0.40	0.94	0.06	0.00	0.06
Northern Ram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northwest Explorer	0.00	0.00	0.00	1.51	0.09	1.60	41.56	2.67	44.23	6.76	3.89	10.65	0.03	0.00	0.03
Ocean Explorer	0.15	0.00	0.15	0.34	0.00	0.34	0.00	0.00	0.00	0.28	1.72	2.00	0.00	0.00	0.00
Pacific Explorer	0.14	0.00	0.14	0.40	0.03	0.44	9.95	2.00	11.94	0.05	0.03	0.07	0.01	0.00	0.01
Pacific Ram	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pacific Viking	0.02	0.08	0.10	4.26	0.53	4.79	3.96	1.67	5.62	0.04	0.03	0.07	0.03	0.00	0.03
Pegasus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perseverance	0.01	0.06	0.07	0.08	1.26	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Raven	0.01	0.00	0.01	0.07	0.17	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Royal American	0.00	0.06	0.06	1.70	1.97	3.68	3.35	3.86	7.21	0.06	0.10	0.16	0.02	0.00	0.02
Royal Atlantic	0.01	0.13	0.14	0.64	2.24	2.87	12.25	2.18	14.43	0.04	0.01	0.05	0.03	0.00	0.03
Seadawn (AM69)	0.00	0.00	0.00	0.64	0.00	0.64	5.47	0.25	5.71	0.02	0.00	0.02	0.01	0.00	0.01
Seeker	0.00	0.09	0.09	0.02	1.77	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sovereignty	0.00	0.00	0.00	3.58	0.00	3.59	49.12	3.38	52.50	0.10	0.04	0.14	0.10	0.00	0.10
Traveler	0.00	0.00	0.00	0.30	0.00	0.30	17.62	1.89	19.51	0.04	0.03	0.07	0.03	0.00	0.03
Viking Explorer	0.00	0.00	0.00	3.90	0.00	3.90	25.09	3.35	28.44	0.26	0.04	0.30	0.06	0.00	0.06

TABLE 6 - CONTINUED

AKUTAN CATCHER VESSEL ASSOCIATION

2020 BSAI TOTAL SIDEBOARD HARVEST BY VESSEL

Vessel	Rougheye (MT)			BS Other Rockfish (MT)			Flathead Sole (MT)			AI POP (MT)		
	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total
Aldebaran	0.01	0.00	0.01	0.11	0.00	0.11	4.47	0.01	4.47	0.00	0.00	0.00
Arctic Explorer	0.01	0.00	0.01	0.01	0.00	0.01	3.39	0.02	3.42	0.00	0.00	0.00
Arctic Ram	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.97	0.00	0.00	0.00
Arctic Wind (AM69)	0.00	0.00	0.00	0.00	0.00	0.00	1.56	0.00	1.56	0.00	0.00	0.00
Arcturus	0.00	0.00	0.00	0.00	0.00	0.00	5.97	0.00	5.98	0.00	0.00	0.00
Bristol Explorer	0.01	0.00	0.01	0.00	0.00	0.00	3.82	0.01	3.83	0.00	0.00	0.00
Cape Kiwanda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	1.22	0.00	0.00	0.00
Columbia	0.02	0.00	0.02	0.02	0.00	0.02	2.06	0.01	2.07	0.00	0.00	0.00
Dominator	0.01	0.00	0.01	0.17	0.00	0.17	6.86	1.71	8.57	0.00	0.00	0.00
Excalibur II	0.01	0.00	0.01	0.00	0.00	0.00	0.62	0.00	0.62	0.00	0.00	0.00
Gladiator	0.01	0.00	0.01	0.64	0.00	0.64	8.75	1.07	9.82	0.00	0.00	0.00
Golden Dawn	0.02	0.00	0.02	0.04	0.00	0.04	5.26	1.21	6.46	0.00	0.00	0.00
Golden Pisces	0.01	0.00	0.01	0.00	0.00	0.00	0.84	1.66	2.50	0.00	0.05	0.05
Leslie Lee	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.74	1.90	0.00	0.00	0.00
Lisa Melinda	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.46	0.00	0.00	0.00
Majesty	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.84	2.99	0.00	0.00	0.00
Marcy J	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.21	0.00	0.00	0.00
Margaret Lyn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mark I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nordic Star (AM69)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northern Patriot	0.01	0.00	0.01	0.84	0.00	0.84	8.11	0.01	8.12	0.00	0.00	0.00
Northern Ram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northwest Explorer	0.00	0.00	0.00	0.00	0.00	0.00	2.18	1.85	4.02	0.00	0.13	0.13
Ocean Explorer	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.66	1.57	0.00	0.05	0.05
Pacific Explorer	0.00	0.00	0.00	0.00	0.00	0.00	2.93	0.06	2.99	0.00	0.00	0.00
Pacific Ram	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.12	0.00	0.00	0.00
Pacific Viking	0.00	0.00	0.00	0.20	0.00	0.20	4.68	1.24	5.92	0.00	0.00	0.00
Pegasus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perseverance	0.00	0.00	0.00	0.00	0.00	0.00	0.61	1.08	1.68	0.00	0.00	0.00
Raven	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.48	0.90	0.00	0.00	0.00
Royal American	0.00	0.00	0.00	0.01	0.00	0.01	2.00	1.02	3.02	0.00	0.00	0.00
Royal Atlantic	0.01	0.00	0.01	0.00	0.00	0.00	1.46	1.90	3.36	0.00	0.00	0.00
Seadawn (AM69)	0.00	0.00	0.00	0.24	0.00	0.24	1.74	0.00	1.74	0.00	0.00	0.00
Seeker	0.00	0.00	0.00	0.00	0.00	0.00	0.55	1.47	2.01	0.00	0.00	0.00
Sovereignty	0.02	0.00	0.02	0.83	0.00	0.83	7.14	0.01	7.15	0.00	0.00	0.00
Traveler	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.01	0.53	0.00	0.00	0.00
Viking Explorer	0.01	0.00	0.01	0.00	0.00	0.00	5.35	0.01	5.35	0.00	0.00	0.00

TABLE 6 - CONTINUED

AKUTAN CATCHER VESSEL ASSOCIATION

2020 BSAI TOTAL SIDEBOARD HARVEST BY VESSEL

Vessel	Squid (MT)			AI Other Rockfish (MT)			BS Sablefish (MT)			Greenland Turbot (MT)		
	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total
Aldebaran	29.42	0.52	29.94	0.00	0.00	0.00	0.00	0.65	0.65	0.02	0.00	0.02
Arctic Explorer	37.36	1.90	39.26	0.00	0.00	0.00	6.57	3.87	10.44	0.03	0.00	0.03
Arctic Ram	3.90	0.32	4.21	0.00	0.00	0.00	0.00	0.27	0.27	0.00	0.00	0.00
Arctic Wind (AM69)	1.13	0.31	1.44	0.00	0.00	0.00	6.28	0.85	7.13	0.03	0.00	0.03
Arcturus	23.31	1.50	24.82	0.00	0.00	0.00	1.89	2.38	4.27	0.04	0.00	0.04
Bristol Explorer	42.29	1.60	43.89	0.00	0.00	0.00	8.75	3.35	12.10	0.01	0.00	0.01
Cape Kiwanda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Columbia	41.71	0.79	42.50	0.00	0.00	0.00	5.59	2.29	7.88	0.01	0.00	0.01
Dominator	88.56	1.16	89.72	0.00	0.00	0.00	2.50	2.11	4.61	0.25	0.00	0.25
Excalibur II	1.05	0.79	1.85	0.00	0.00	0.00	8.17	1.16	9.33	0.00	0.00	0.00
Gladiator	44.04	1.17	45.20	0.00	0.00	0.00	11.27	3.00	14.27	0.23	0.00	0.23
Golden Dawn	39.98	1.00	40.98	0.00	0.00	0.00	6.25	2.27	8.52	0.04	0.00	0.04
Golden Pisces	0.07	0.15	0.22	0.00	0.22	0.22	0.16	0.64	0.79	0.00	0.00	0.00
Leslie Lee	21.40	0.64	22.04	0.00	0.00	0.00	0.00	0.60	0.60	0.00	0.00	0.00
Lisa Melinda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Majesty	3.54	1.00	4.54	0.00	0.00	0.00	0.31	1.41	1.73	0.00	0.00	0.00
Marcy J	5.22	0.05	5.27	0.00	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.00
Margaret Lyn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mark I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nordic Star (AM69)	2.21	0.03	2.24	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00
Northern Patriot	177.38	1.06	178.44	0.00	0.00	0.00	8.68	4.81	13.49	0.59	0.00	0.59
Northern Ram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northwest Explorer	20.38	2.03	22.41	0.00	0.63	0.63	7.77	2.66	10.43	0.04	0.00	0.04
Ocean Explorer	0.00	0.00	0.00	0.00	0.29	0.29	0.00	0.00	0.00	0.00	0.00	0.00
Pacific Explorer	21.13	2.04	23.18	0.00	0.00	0.00	0.00	2.24	2.24	0.00	0.00	0.00
Pacific Ram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pacific Viking	16.21	0.77	16.98	0.00	0.00	0.00	0.00	0.74	0.74	0.01	0.00	0.01
Pegasus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perseverance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Raven	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Royal American	7.88	1.30	9.18	0.00	0.00	0.00	0.00	1.46	1.46	0.00	0.00	0.00
Royal Atlantic	42.26	1.70	43.96	0.00	0.00	0.00	0.76	3.18	3.94	0.01	0.00	0.01
Seadawn (AM69)	4.42	0.00	4.42	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
Seeker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sovereignty	68.30	2.08	70.38	0.00	0.00	0.00	0.02	3.19	3.21	0.19	0.00	0.19
Traveler	9.24	1.60	10.84	0.00	0.00	0.00	0.11	1.85	1.96	0.00	0.00	0.00
Viking Explorer	14.43	0.87	15.30	0.00	0.00	0.00	3.74	1.32	5.05	0.03	0.00	0.03

4. Bering Sea Salmon Bycatch Management

Chinook and Chum Salmon Rolling Hotspot programs were once again in place for 2020 through the work of the inter-coop group. The Chinook and Chum Salmon Bycatch Agreements were adopted by all of the coops. The overall goal of both programs is to provide to the fleet real-time bycatch data that can be used to avoid salmon hot spots and allow the harvest of pollock with as little salmon bycatch as possible. Incorporated in to these programs were weekly closed areas affecting coops that had shown high salmon bycatch, as defined in the agreement, over the previous couple of weeks.

Sea State was used to monitor the fishery and salmon bycatch performance by the coops. Sea State was responsible for gathering the data, notifying the coop managers of bycatch rates by area as well as determining and announcing the weekly closures.

Vessels fishing for the Akutan Coop always make an effort to fish close to Dutch Harbor and Akutan in order to bring the freshest possible fish to the plant. This provides the plant flexibility with its product mix and insures that they produce the highest quality product possible.

The Plant ran at capacity at the beginning of the 2020 B Season. The fishing was very slow for the remainder of B season resulting in the under-harvest of 12,971mt of Pollock quota. Chinook salmon bycatch was minimal. Fishing was spread out over a large area of the Eastern Bering Sea and Pollock size was inconsistent and the plant struggled to maximize their product mix.

Sablefish and Herring bycatch became a huge issue in 2020 B season and our fleet was constantly moving to fish in cleaner areas while finding marketable pollock to deliver.

The plant communicates with every coop vessel for every trip the number of salmon and bycatch rate in order to aid in the avoidance of salmon. The Akutan Coop used salmon excluders for nearly 100% of tows in 2020.

The coop continues to seek out new technologies to aid in the reduction of salmon bycatch. Some coop vessels have been using “disco” lights on the salmon excluder and reported some success in the avoidance of Chum Salmon. Salmon Excluder technology continues to improve as well as video technology, our coop is still using one “live” video system and will install at least 1 more “live” video system in 2021.

Table 7 below shows the number of salmon taken by species and season by vessels harvesting Pollock for this Coop. Estimations of the number of salmon that may have been avoided by the efforts of this Coop and the Rolling Hotspot program are summarized in the collective catcher vessel Inter-Coop report to the Council at the end of this document.

TABLE 7

AKUTAN CATCHER VESSEL ASSOCIATION

2020 SALMON BYCATCH BY VESSEL, SEASON AND SPECIES

Vessel	Pollock Harvest (MT)	"A" Season 2020 Chinook (N)	"B" Season 2020 Chinook (N)	"A" Season 2020 Other Salmon (N)	"B" Season 2020 Other Salmon (N)
ALDEBARAN	7,389	91	95	1	1,761
ARCTIC EXPLORER	11,985	140	130		8,232
ARCTIC RAM	2,266		80		2,489
ARCTURUS	8,960	109	151	3	4,613
BRISTOL EXPLORER	14,056	190	87	9	10,274
CAPE KIWANDA	475				5
COLUMBIA	9,026	111	83		1,238
DOMINATOR	10,674	78	121	6	3,034
EXCALIBUR II	2,261	24	4		753
GLADIATOR	9,776	103	75	1	3,954
GOLDEN DAWN	9,746	68	74		1,957
GOLDEN PISCES	2,321	22	23		408
LESLIE LEE	1,456	15	60		325
LISA MELINDA	1,173	66		1	
MAJESTY	5,413	8	120	1	2,573
MARCY J	1,343		129		1,951
NORTHERN PATRIOT	12,324	154	148		4,781
NORTHWEST EXPLORER	8,907	75	143	1	7,924
OCEAN EXPLORER	7,848	44	38		8,497
PACIFIC EXPLORER	9,829	95	39	1	9,149
PACIFIC RAM	1,171	73		1	
PACIFIC VIKING	6,240	56	76	2	1,650
PEGASUS	4,488	117		3	
PERSEVERANCE	1,140	58			
RAVEN	2,643	65			
ROYAL AMERICAN	7,415	52	45	15	2,051
ROYAL ATLANTIC	8,105	74	34	4	1,924
SEEKER	2,144	59	-	1	
SOVEREIGNTY	13,098	214	60	4	2,869
TRAVELER	2,198	7	3		538
VIKING EXPLORER	8,354	84	117	12	1,657
ARCTIC WIND (AM69)	1,912	37	1		29
COLLIER BROTHERS (AM69)	416		4		15
SEADAWN (AM69)	815	8			
	197,367	2,297	1,940	67	84,651

5. Gulf of Alaska Sideboards

A. GOA Sideboard Allocations

Sideboards were established for the major target fisheries in the Gulf of Alaska. For 2020, Sea State published informational tables with GOA sideboard percentages for each coop's non-exempt vessels. Sideboard totals for each coop were calculated by taking the coop's percentage of the overall AFA sideboard for that area and species. Coop percentages are based on the relevant verified catch histories of member vessels.

Tables 8 and 9 show the Akutan Catcher Vessel Association 2020 non-exempt GOA sideboard limits for pollock and cod as well as any inter-coop transfers that took place during the year.

TABLES 8 and 9:

As stated above, these tables list the total sideboard amounts in MT by area and season based on a total of the member's catch histories. Inter-Coop transfers are noted in the middle column and total sideboards including transfers are at the right. Table 9 lists the total cod sideboard amounts in MT by area.

B. GOA Sideboard Harvest

No vessels from the Akutan Catcher Vessel Association participated in GOA sideboard fisheries in 2020. As a result, no sideboard limits were exceeded in 2020. Any additional harvest of GOA species by ACVA members was done on GOA exempt vessels.

TABLES 10 & 11:

No Data for these tables.

TABLE 12:

No Data for this table.

TABLE 8

AKUTAN CATCHER VESSEL ASSOCIATION

2020 GOA POLLOCK SIDEBOARD ALLOCATIONS BY AREA

Area / Species	Coop Sideboard Shares "A" Season (MT)	Inter Coop Transfers (MT)	"A" Sideboard Shares after Transfers (MT)
610 Pollock	116	0	116
620 Pollock	1,146	0	1,146
630 Pollock	506	0	506
Area / Species	Coop Sideboard Shares "B" Season (MT)	Inter Coop Transfers (MT)	"B" Sideboard Shares after Transfers (MT)
610 Pollock	116	0	116
620 Pollock	1,358	310	1,048
630 Pollock	203	0	203
Area / Species	Coop Sideboard Shares "C" Season (MT)	Inter Coop Transfers (MT)	"C" Sideboard Shares after Transfers (MT)
610 Pollock	2,035	0	2,035
620 Pollock	412	0	412
630 Pollock	810	0	810
Area / Species	Coop Sideboard Shares "D" Season (MT)	Inter Coop Transfers (MT)	"D" Sideboard Shares after Transfers (MT)
610 Pollock	2,035	0	2,035
620 Pollock	412	0	412
630 Pollock	810	0	810
Area / Species	Coop Sideboard Shares Annual (MT)	Inter Coop Transfers (MT)	Sideboard Shares after Transfers (MT)
640 Pollock	0	0	0
650 Pollock	0	0	0

TABLE 9

2020 GOA COD SIDEBOARD ALLOCATIONS BY AREA

Area / Species	2020 Coop Sideboard Shares (MT)	Inter Coop Transfers (MT)	Sideboard Shares after Transfers (MT)
Pacific Cod Western	109	0	109
Pacific Cod Central	113	0	113
Pacific Cod Eastern	0	0	0

TABLE 10

AKUTAN CATCHER VESSEL ASSOCIATION

2020 GOA POLLOCK SIDEBOARD HARVEST BY AREA AND SPECIES

Vessel	610 Pollock A Harvest (MT)	610 Pollock B Harvest (MT)	610 Pollock C Harvest (MT)	610 Pollock D Harvest (MT)	2020 Totals (MT)
					0
No 2020 Sideboard Harvest					0
					0
Seasonal Allocation:	116	116	2,035	2,035	4,302
Unharvested Allocation	116	116	2,035	2,035	4,302

Vessel	620 Pollock A Harvest (MT)	620 Pollock B Harvest (MT)	620 Pollock C Harvest (MT)	620 Pollock D Harvest (MT)	2020 Totals (MT)
					0
No 2020 Sideboard Harvest					0
					0
					0
Seasonal Allocation:	1,146	1,048	412	412	3,018
Unharvested Allocation	1,146	1,048	412	412	3,018

Vessel	630 Pollock A Harvest (MT)	630 Pollock B Harvest (MT)	630 Pollock C Harvest (MT)	630 Pollock D Harvest (MT)	2020 Totals (MT)
					0
No 2020 Sideboard Harvest					0
					0
Seasonal Allocation:	506	203	810	810	2,328
Unharvested Allocation	506	203	810	810	2,328