

Report of
the Akutan
Catcher
Vessel
Association

2022

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Introduction

The purpose of this report is to detail the actions and harvest numbers of the Akutan Catcher Vessel Association (ACVA) in 2022. This is submitted to the North Pacific Fisheries Management Council (NPFMC) to fulfill mandatory reporting requirements and provide the public with a clearer understanding of the fishery and its participants. Data for this report were taken from the Sea State, Inc. data repository through their web portal.

Background

The 1998 American Fisheries Act (AFA) modified the way walleye pollock (hereafter, “pollock”; *Gadus chalcogrammus*) are harvested in the Bering Sea and Aleutian Islands (BSAI) management area by issuing quota to participants based on their catch history and allowing harvesters to join cooperatives within their sector. The combination of quota allocations and cooperative fishing eliminated the “race to fish” and allowed harvesters to be more methodical about their fishing practices. The result of these changes has been more efficient, more sustainable, and safer fisheries.

The total allowable catch (TAC) for the directed pollock fishery is set through a National Marine Fisheries (NMFS) survey and stock assessment and the NPFMC process. 50% of the Directed Fishing Allocation (DFA) is allocated to the inshore (i.e., delivering to an onshore processing facility) catcher vessel sector, which is then divided between the cooperatives (“co-op”) and their vessels per the original AFA quota allocations. In addition to pollock, NMFS sets limits on other species through sideboards and prohibited species catch (PSC). Sideboards are species with allocations and some targeted fisheries, including Pacific Cod (*Gadus macrocephalus*), yellowfin sole (*Limanda aspera*), and rock sole (*Lepidopsetta polyxystra*). This was done to avoid disenfranchising non-AFA vessels and ensure pollock rationalization did not have a disproportionate impact on non-pollock BSAI fisheries. PSC species have hard limits and cannot be retained. Some sideboard and PSC limits, like for Pacific salmon (*Oncorhynchus spp.*) and Pacific cod, are allocated to the vessel level. These allocations help hold individual vessels more accountable for their non-target species catch.

Akutan Catcher Vessel Association

Formation of the Cooperative

The ACVA was formed in 2000. Also known as the Akutan co-op, this group of pelagic trawl catcher vessels are part of the inshore sector of the Bering Sea directed pollock fishery. The primary purchasing and processing facility for the ACVA is the Trident Seafoods plant in Akutan, Alaska.

Cooperative Membership

In 2022 the ACVA was comprised of 34 members vessels, which have a total of 33.7879% of the total inshore DFA combined (Table 1). The members of the ACVA are mostly vessels that historically delivered to Trident Seafoods at the time the AFA went into effect.

Table 1 List of ACVA member vessels and associated inshore quota percentage as set by the AFA. The total in the bottom right corner reflects the total ACVA pollock quota percentage.

Vessel	Current Ownership	Inshore %
Aldebaran	B & N Fisheries	0.014661
Arctic Explorer	B & N Fisheries	0.018445
Arctic Ram	Trident Seafoods Corp.	0.003847
Arcturus	Trident Seafoods Corp.	0.015450
Bristol Explorer	B & N Fisheries	0.017607
Cape Kiwanda	B & N Fisheries	0.005272
Columbia	Great West Seafoods	0.014429
Dominator	Trident Seafoods Corp.	0.017505
Excalibur II	Excalibur II, LLC	0.005200
Gladiator	Trident Seafoods Corp.	0.016410
Golden Dawn	Trident Seafoods Corp.	0.017532
Golden Pisces	FV Golden Pisces Inc.	0.002706
Leslie Lee	Leslie Lee Inc.	0.001968
Lisa Melinda	Lisa Melinda, LLC.	0.002192
Majesty	Trident Seafoods Corp.	0.009958
Marcy J	Trident Seafoods Corp.	0.001799
Margaret Lyn	Great West Seafoods	0.000341
Mark I	Mark I Inc.	0.000452
Northern Patriot	Trident Seafoods Corp.	0.024115
Northern Ram	Trident Seafoods Corp.	0.008620
Northwest Explorer	B & N Fisheries	0.016054
Ocean Explorer	B & N Fisheries	0.015953
Pacific Explorer	B & N Fisheries	0.015104
Pacific Ram	Trident Seafoods Corp.	0.002035
Pacific Viking	Trident Seafoods Corp.	0.010909
Pegasus	North Sea Inc.	0.006950
Predator	Cooper Fishing Inc.	0.002954
Raven	Raven Enterprises	0.007116
Royal American	Royal American Fisheries, LLC.	0.009698
Royal Atlantic	Royal Atlantic, LLC.	0.013095
Seeker	Seeker Inc.	0.003695
Sovereignty	Trident Seafoods Corp.	0.023513
Traveler	Traveler Fisheries, LLC.	0.000413
Viking Explorer	Trident Seafoods Corp.	0.011881
Total		0.337879

Cooperative Management

The ACVA is part of the inter-cooperative (“inter co-op”) membership group, which is made up of all the active inshore catcher vessel co-ops and other pollock sector representatives (e.g., the mothership cooperative and the high seas catchers cooperative). The inter co-op was managed by John Gruver in 2022. Through the inter co-op organization, the Inter-Coop Agreement (ICA) was created and is modified and/or approved annually by the co-op managers prior to the start of A season (winter/spring fishery). The ICA outlines overharvest avoidance actions undertaken by the sectors and is enforced by the inter-co-op manager or the individual co-op management when appropriate. The ICA also outlines bycatch avoidance expectations.

The ACVA co-op manager serves as the ACVA representative in the inter-cooperative membership group, attending the meetings, speaking on behalf of members, and relaying information back to the membership and vessel captains. In 2022, the ACVA co-op manager was Brian Parsons (Trident Seafoods), who has been the co-op manager since 2015. In addition to the co-op manager, the ACVA is overseen by a Board of Directors made up of three officers and four general board members who encourage active participation by all member vessel owners. The board convenes at least once a year for the annual board and membership meeting. This is typically held in December, between the B season (summer/fall) and A season (winter/spring). The annual meeting covers the past years expenses and the upcoming years’ budget, as well as harvest strategy and other miscellaneous co-op agenda items. During the fishing seasons, the board may assemble more often if issues arise that warrant discussion. In 2022 the board met once for the scheduled annual meeting.

Pre-Season Management

Co-op pre-season management includes the co-op manager connecting with member vessel owners early to outline the dates each vessel will be ready to start fishing. This allows the co-op manager to provide the plant with the onboard vessel capacity for the boats starting the season. It is important to both parties that the receiving plant (Trident Seafoods) knows what to expect from the fleet and can plan their processing capacity accordingly.

In-Season Management

Administration

The co-op manager maintains constant communication with the fleet during the season to ensure that the vessels are meeting the goals of the co-op (e.g., fish size, bycatch rates). and that the fleet and vessel owners are aware of important issues. This can include, but is not limited to, messages from the processor, areas of high bycatch, industry news, co-op and sector wide progress updates, and reminders of any procedures set by co-op leadership. Additionally, the co-op manager schedules meetings, creates budgets, manages costs, attends inter co-op meetings, and communicates with various government agencies on behalf of the co-op.

Quota Transfers

The co-op manager is responsible for the management of pollock quota on the Salmon Savings Incentive Plan website published by Sea State, as well as sideboard fisheries distribution and PSC. The co-op manager executes quota transfers between vessels, at the direction of quota owners and in adherence with the agreed upon co-op harvest strategy. Quota transfers can also be made to non-co-op boats per AFA amendment 69.

End of Season

As the seasons come to an end the co-op manager closely monitors for overages, particularly toward the end of the year in B season. If any occur, the manager must coordinate leases between co-op members or make other coverage arrangements using ACVA allocations that remain unharvested. It is also the responsibility of the co-op manager to oversee completion of all reporting requirements as outlined by the government. This includes the compilation of this annual report to the NPFMC.

2022 BSAI Directed Pollock Fishery

ACVA Pollock Allocation

The annual TAC for pollock in 2022 was **1,111,000 MT**. The ACVA was allocated 33.79% of the inshore BSAI pollock sector (Table 1), making ACVA the largest co-op in the sector (Table 2). In 2022 that resulted in **160,560 MT** for the co-op, a decrease of **20.84%** from the year prior (2021). The annual quota tonnage was distributed to the individual vessels proportional to their sector share within the co-op, called their co-op percentage (Table 3). Co-op percentages are further divided between the two seasons, 45% of the quota is allocated to A season (beginning January 20th) and the remainder is allocated to B season (beginning June 10th).

Table 2 Inshore sector active pollock cooperatives and their associated quota percentages, including the ACVA (“Akutan”).

Inshore Co-op	Pollock
Akutan	33.7879%
Northern Victor	10.7730%
Peter Pan	2.5116%
Unalaska	11.4536%
UniSea	22.0941%
Westward	19.3797%
Inshore Totals	99.9999%

ACVA Pollock Strategy and Harvest

A total of **160,273 MT** was harvested in 2022 by ACVA vessels combined, leaving **287 MT** of pollock quota unharvested (Table 3).

In 2022, the ACVA implemented a staggered start date strategy, metering when the co-op boats entered the fishery at the beginning of the season. The goal in doing this was to steadily increase harvest capacity as the plant ramped up production, which would result in lowering the cost to the vessels associated with long delivery wait times. In a post-season survey circulated to co-op boat owners and captains, the staggered start method was well-rated. Staggering the boats at the start had the bonus effect of landing fresher fish at the dock, improving product quality and reducing waste.

During the 2022 A & B seasons, numerous intra co-op transfers were completed by the co-op manager. The transfers were done both as a pre-planned part of quota management and as a backup strategy when vessels exceeded their pollock allocation for that season. Specifically, owners of multiple vessels opted to stack their allocations for the sake of efficiency. Others who participated in fisheries that overlap with B

season, arranged with the co-op manager to harvest their B season quota during A season. Any unforeseen overages that occurred on individual vessels were easily covered using the quota from co-op vessels that finished under their allocation (Table 3).

Table 3 List of ACVA vessels that delivered to the Trident Seafoods plant in Akutan, AK and their co-op percentage (“2022 Coop%”); 2022 pollock quota allocation in metric tons (MT), and final 2022 harvest in metric tons (“Vessel Harvest”). The “over/under allocation” column calculates the amount in metric tons that the vessel’s final harvest number deviated from their allocation (values in parentheses indicate over harvest). The co-op as an aggregate ended the year under its total allocation by 287 MT.

Vessel	2022 Coop %	2022 Allocation (MT)	Vessel Harvest (MT)	Over/Under Allocation (MT)
Aldebaran	4.3391%	6,967	6,840	127
Arctic Explorer	5.4590%	8,765	8,525	240
Arctic Ram	1.1385%	1,828	1,853	(25)
Arcturus	4.5726%	7,342	7,545	(203)
Bristol Explorer	5.2111%	8,367	9,483	(1,117)
Cape Kiwanda	1.5602%	2,505	-	2,505
Columbia	4.2706%	6,857	8,016	(1,159)
Dominator	5.1808%	8,318	9,173	(854)
Excalibur II	1.5389%	2,471	2,772	(301)
Gladiator	4.8569%	7,798	8,450	(652)
Golden Dawn	5.1888%	8,331	8,334	(3)
Golden Pisces	0.8010%	1,286	2,243	(957)
Leslie Lee	0.5824%	935	1,555	(620)
Lisa Melinda	0.6486%	1,041	1,097	(55)
Majesty	2.9473%	4,732	4,663	69
Marcy J	0.5326%	855	752	103
Margaret Lyn	0.1010%	162	-	162
Mark I	0.1336%	215	-	215
Northern Patriot	7.1373%	11,460	11,481	(21)
Northern Ram	2.5514%	4,097	-	4,097
Northwest Explorer	4.7513%	7,629	7,148	481
Ocean Explorer	4.7215%	7,581	3,397	4,184
Pacific Explorer	4.4702%	7,177	9,813	(2,636)
Pacific Ram	0.6022%	967	901	66
Pacific Viking	3.2288%	5,184	1,939	3,245
Pegasus	2.0569%	3,303	3,151	151
Predator	0.8742%	1,404	1,250	154
Raven	2.1062%	3,382	2,606	775
Royal American	2.8704%	4,609	7,643	(3,034)
Royal Atlantic	3.8757%	6,223	6,504	(281)
Seeker	1.0935%	1,756	1,400	356
Sovereignty	6.9589%	11,173	10,894	279
Traveler	0.1222%	196	681	(485)
Viking Explorer	3.5163%	5,646	5,735	(89)
Seadawn (AM69)		-	4,429	(4,429)
Totals	100.00%	160,560	160,273	287

ACVA Pollock Fishery Sideboards

As directed by the ICA, sideboard allocations are issued to the inshore co-ops for Pacific cod and other groundfish species to be allowed as bycatch in the directed pollock fishery. What is not allocated as bycatch gets reallocated to the non-exempt AFA vessels for participation in the directed sideboard fisheries like Pacific Cod. While targeting pollock, the ACVA member vessels and the one Amendment 69 vessel that delivered to the Trident Seafoods plant in Akutan, AK (F/V *Sea Dawn*) combined caught 527.71 MT of Pacific cod, 147.95 MT of sablefish (*Anoplopoma fimbria*), 73.57 MT of Atka mackerel (*Pleurogrammus monopterygius*), 49.99 MT yellowfin sole, 30.52 MT rock sole, and 1120.73 MT of other groundfish (Tables 4 and 5).

Table 4 List of ACVA vessels and the Amendment 69 (AM69) vessel that delivered to the Trident Seafoods plant (Akutan, AK). Columns show the sideboard species caught during the 2022 directed pollock fishery. Numbers are reflected in metric tons per vessel with ACVA co-op totals in bold at the bottom.

Vessel	Pacific Cod (MT)	Sablefish (MT)	AtkaMackerel (MT)	Yellowfin Sole (MT)	Rock Sole (MT)	Non Target Groundfish (MT)
Aldebaran	11.92	0.44	0.01	0.05	0.37	18.16
Arctic Explorer	38.18	2.54	1.34	0.32	3.69	60.78
Arctic Ram	6.08	0.18	-	-	0.01	7.14
Arcturus	20.39	4.85	0.01	0.05	1.39	34.97
Bristol Explorer	37.88	30.54	20.48	0.28	2.92	142.77
Columbia	24.15	4.10	0.04	1.17	0.41	39.71
Dominator	40.85	16.73	0.70	0.03	0.84	80.43
Excalibur II	11.96	0.05	0.16	-	0.08	15.61
Gladiator	29.33	43.10	0.10	0.32	1.94	101.73
Golden Dawn	13.93	1.41	0.03	0.05	0.33	33.93
Golden Pisces	7.40	0.06	0.79	-	0.01	8.95
Leslie Lee	3.00	0.11	0.00	0.00	0.00	3.90
Lisa Melinda	10.75	-	-	0.00	0.05	11.89
Majesty	6.31	1.19	0.02	0.00	0.04	10.66
Marcy J	0.37	0.06	-	-	0.00	0.67
Northern Patriot	21.42	0.09	0.03	0.63	0.27	28.70
Northwest Explorer	35.71	17.83	25.80	33.10	5.82	152.34
Ocean Exploreer	16.24	-	-	0.16	1.74	20.12
Pacific Explorer	28.10	3.80	1.07	0.37	2.28	52.40
Pacific Ram	6.84	-	0.00	-	0.02	7.09
Pacific Viking	4.93	-	0.00	0.08	0.20	6.17
Pegasus	11.85	-	0.00	0.15	0.23	13.65
Predator	1.48	-	-	0.00	0.02	2.24
Raven	17.61	-	0.00	0.02	0.23	21.56
Royal American	16.38	1.51	0.03	2.47	2.02	35.02
Royal Atlantic	16.15	0.86	0.11	0.70	1.34	25.97
Seeker	6.41	-	-	0.00	0.05	6.79
Sovereignty	34.53	2.93	22.55	0.02	0.76	82.67
Traveler	1.07	-	-	0.04	0.80	2.83
Viking Explorer	36.74	10.08	0.10	9.98	2.40	72.46
Seadawn (AM69)	9.76	5.52	0.18	0.00	0.25	19.42
TOTALS	527.71	147.95	73.57	49.99	30.52	1,120.73

Table 5 ACVA vessels and all sideboard species landed and discarded in 2022, including (A) Pacific cod, Atka mackerel, yellowfin sole, and rock sole; (B) arrowtooth flounder, Alaska plaice, Bering Sea Pacific-Ocean-Perch, and other flatfish; (C) northern rockfish, shortraker rockfish, rougheye rockfish, and other Bering Sea rockfish species; and (D) flathead sole, Bering Sea sablefish, and Greenland turbot.

A.

Vessel	P Cod (MT)			BS/541 Atka Mackerel (MT)			Yellowfin Sole (MT)			Rock Sole (MT)		
	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total
Aldebaran	11.92	-	11.92	0.01	-	0.01	0.05	-	0.05	0.37	-	0.37
Arctic Explorer	38.18	-	38.18	1.34	-	1.34	0.32	-	0.32	3.69	-	3.69
Arctic Ram	6.08	-	6.08	-	-	-	-	-	-	0.01	-	0.01
Arcturus	20.37	0.02	20.39	0.01	-	0.01	0.05	-	0.05	1.33	0.05	1.39
Bristol Explorer	37.88	-	37.88	20.48	-	20.48	0.28	-	0.28	2.92	-	2.92
Columbia	24.14	0.01	24.15	0.04	-	0.04	1.17	-	1.17	0.35	0.05	0.41
Dominator	418.92	2.78	421.70	0.70	-	0.70	0.03	0.03	0.06	0.78	1.19	1.97
Excalibur II	11.96	-	11.96	0.16	-	0.16	-	-	-	0.08	-	0.08
Gladiator	422.96	3.40	426.36	0.10	-	0.10	0.32	0.00	0.32	1.90	0.48	2.37
Golden Dawn	436.61	3.17	439.78	0.03	-	0.03	0.05	0.05	0.10	0.38	1.61	1.99
Golden Pisces	769.79	3.21	772.99	0.79	-	0.79	-	0.12	0.12	0.01	16.57	16.58
Leslie Lee	489.67	3.16	492.84	0.00	-	0.00	0.00	0.14	0.14	0.08	4.07	4.14
Lisa Melinda	10.75	-	10.75	-	-	-	0.00	-	0.00	0.05	-	0.05
Majesty	562.57	3.55	566.12	0.02	-	0.02	0.00	0.16	0.16	0.03	4.54	4.56
Marcy J	0.37	-	0.37	-	-	-	-	-	-	0.00	-	0.00
Margaret Lyn	-	-	-	-	-	-	-	-	-	-	-	-
Mark I	-	-	-	-	-	-	-	-	-	-	-	-
Northern Patriot	21.42	-	21.42	0.03	-	0.03	0.63	-	0.63	0.27	-	0.27
Northwest Explorer	383.14	3.00	386.13	25.80	-	25.80	33.10	0.01	33.11	5.78	0.64	6.42
Ocean Explorer	438.73	3.28	442.01	-	-	-	0.16	0.07	0.22	1.68	2.17	3.85
Pacific Explorer	442.65	3.24	445.89	1.07	-	1.07	0.37	0.08	0.45	2.23	2.51	4.74
Pacific Ram	6.84	-	6.84	0.00	-	0.00	-	-	-	0.02	-	0.02
Pacific Viking	399.18	3.34	402.52	0.00	-	0.00	0.08	0.00	0.08	0.20	0.48	0.68
Pegasus	415.23	3.02	418.25	0.00	-	0.00	0.15	0.06	0.20	0.28	1.85	2.13
Predator	505.01	3.19	508.21	-	-	-	0.00	0.15	0.15	0.02	4.17	4.19
Raven	378.93	3.07	382.00	0.00	-	0.00	0.02	0.00	0.02	0.23	0.40	0.63
Royal American	399.77	2.83	402.60	0.03	-	0.03	2.47	0.05	2.52	2.02	1.53	3.55
Royal Atlantic	440.10	3.14	443.24	0.11	-	0.11	0.70	0.06	0.76	1.29	1.99	3.29
Seeker	625.51	3.22	628.73	-	-	-	0.00	0.11	0.11	0.12	3.86	3.98
Sovereignty	34.53	-	34.53	22.55	-	22.55	0.02	-	0.02	0.76	-	0.76
Traveler	1.07	-	1.07	-	-	-	0.04	-	0.04	0.80	-	0.80
Viking Explorer	36.74	0.00	36.74	0.10	-	0.10	9.98	-	9.98	2.36	0.05	2.40
Seadawn (AM69)	9.76	-	9.76	0.18	-	0.18	0.00	-	0.00	0.25	-	0.25

B.

Vessel	Arrowtooth (MT)			Alaska Plaice (MT)			Other Flats (MT)			BS POP (MT)		
	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total
Aldebaran	0.67	-	0.67	0.01	-	0.01	0.74	-	0.74	1.28	-	1.28
Arctic Explorer	0.90	-	0.90	0.02	-	0.02	0.55	-	0.55	8.12	-	8.12
Arctic Ram	0.11	-	0.11	-	-	-	0.16	-	0.16	0.14	-	0.14
Arcturus	0.83	-	0.83	0.00	-	0.00	1.07	-	1.07	0.79	-	0.79
Bristol Explorer	0.73	-	0.73	0.03	-	0.03	1.66	-	1.66	38.04	-	38.04
Columbia	0.68	-	0.68	-	-	-	0.37	-	0.37	6.14	-	6.14
Dominator	1.19	0.24	1.44	0.01	0.06	0.07	2.50	0.32	2.82	8.98	-	8.98
Excalibur II	0.44	-	0.44	-	-	-	0.14	-	0.14	1.49	-	1.49
Gladiator	1.28	0.20	1.48	0.04	0.04	0.08	2.71	0.21	2.92	10.74	0.01	10.75
Golden Dawn	0.52	0.27	0.79	-	0.06	0.06	1.19	0.37	1.56	11.63	-	11.63
Golden Pisces	0.26	19.00	19.26	-	0.06	0.06	0.03	0.60	0.62	0.14	-	0.14
Leslie Lee	0.12	0.35	0.47	-	0.09	0.09	0.08	0.69	0.77	0.26	-	0.26
Lisa Melinda	0.02	-	0.02	-	-	-	0.01	-	0.01	-	-	-
Majesty	0.42	0.41	0.83	-	0.09	0.09	0.43	0.76	1.20	1.41	0.01	1.42
Marcy J	0.04	-	0.04	-	-	-	0.04	-	0.04	0.10	-	0.10
Margaret Lyn	-	-	-	-	-	-	-	-	-	-	-	-
Mark I	-	-	-	-	-	-	-	-	-	-	-	-
Northern Patriot	1.58	-	1.58	0.01	-	0.01	0.63	-	0.63	0.79	-	0.79
Northwest Explorer	2.06	0.15	2.22	0.13	0.09	0.22	2.73	0.28	3.01	12.79	-	12.79
Ocean Explorer	0.06	0.19	0.25	0.01	0.18	0.19	0.00	0.59	0.59	-	-	-
Pacific Explorer	1.11	0.26	1.37	0.02	0.09	0.12	1.25	0.53	1.78	5.37	0.01	5.38
Pacific Ram	0.00	-	0.00	-	-	-	0.00	-	0.00	-	-	-
Pacific Viking	0.03	0.20	0.23	-	0.05	0.05	0.03	0.23	0.26	-	-	-
Pegasus	0.14	0.21	0.35	-	0.11	0.11	0.03	0.46	0.49	-	-	-
Predator	0.03	0.32	0.35	-	0.15	0.15	0.02	0.78	0.79	-	-	-
Raven	0.15	0.19	0.33	0.00	0.03	0.03	0.19	0.19	0.38	-	-	-
Royal American	0.90	0.15	1.05	0.01	0.16	0.17	0.98	0.48	1.46	3.71	-	3.71
Royal Atlantic	1.16	0.21	1.36	0.01	0.13	0.14	0.98	0.51	1.48	1.01	-	1.01
Seeker	0.04	0.33	0.37	-	0.05	0.05	0.01	0.65	0.66	-	-	-
Sovereignty	0.85	-	0.85	0.01	-	0.01	0.84	-	0.84	16.53	-	16.53
Traveler	0.01	-	0.01	0.00	-	0.00	0.00	-	0.00	-	-	-
Viking Explorer	0.89	-	0.89	0.16	-	0.16	1.86	-	1.86	5.13	-	5.13
Seadawn (AM69)	0.48	-	0.48	-	-	-	1.09	-	1.09	0.97	-	0.97

C.

Vessel	Northern Rockfish (MT)			Shortraker (MT)			Rougheye (MT)			BS Other Rockfish (MT)		
	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total
Aldebaran	0.13	-	0.13	-	-	-	-	-	-	-	-	-
Arctic Explorer	0.06	-	0.06	0.03	-	0.03	0.00	-	0.00	-	-	-
Arctic Ram	0.00	-	0.00	-	-	-	-	-	-	-	-	-
Arcturus	0.01	-	0.01	0.00	-	0.00	-	-	-	-	-	-
Bristol Explorer	0.51	-	0.51	0.01	-	0.01	0.00	-	0.00	0.00	-	0.00
Columbia	0.03	-	0.03	0.02	-	0.02	-	-	-	-	-	-
Dominator	0.03	-	0.03	0.00	-	0.00	0.01	-	0.01	0.00	0.00	0.00
Excalibur II	0.01	-	0.01	0.00	-	0.00	-	-	-	-	-	-
Gladiator	0.04	-	0.04	0.04	-	0.04	0.00	-	0.00	0.00	-	0.00
Golden Dawn	0.02	-	0.02	0.01	-	0.01	0.00	-	0.00	-	0.00	0.00
Golden Pisces	0.00	-	0.00	0.00	-	0.00	-	-	-	-	-	-
Leslie Lee	0.01	-	0.01	0.00	-	0.00	-	-	-	-	0.00	0.00
Lisa Melinda	-	-	-	-	-	-	-	-	-	-	-	-
Majesty	0.04	-	0.04	0.00	-	0.00	-	-	-	-	0.00	0.00
Marcy J	0.00	-	0.00	-	-	-	-	-	-	-	-	-
Margaret Lyn	-	-	-	-	-	-	-	-	-	-	-	-
Mark I	-	-	-	-	-	-	-	-	-	-	-	-
Northern Patriot	0.01	-	0.01	0.01	-	0.01	-	-	-	-	-	-
Northwest Explorer	0.05	-	0.05	0.02	-	0.02	-	-	-	-	0.00	0.00
Ocean Explorer	-	-	-	-	-	-	-	-	-	-	0.01	0.01
Pacific Explorer	0.02	-	0.02	0.00	-	0.00	-	-	-	-	0.00	0.00
Pacific Ram	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Viking	-	-	-	-	-	-	-	-	-	-	0.00	0.00
Pegasus	-	-	-	-	-	-	-	-	-	-	0.01	0.01
Predator	-	-	-	-	-	-	-	-	-	-	0.01	0.01
Raven	-	-	-	-	-	-	-	-	-	-	-	-
Royal American	0.01	-	0.01	0.00	-	0.00	-	-	-	-	0.01	0.01
Royal Atlantic	0.01	-	0.01	0.00	-	0.00	-	-	-	-	0.01	0.01
Seeker	-	-	-	-	-	-	-	-	-	-	-	-
Sovereignty	0.11	-	0.11	0.02	-	0.02	0.01	-	0.01	-	-	-
Traveler	-	-	-	-	-	-	-	-	-	-	-	-
Viking Explorer	0.04	-	0.04	0.01	-	0.01	-	-	-	0.00	-	0.00
Seadawn (AM69)	0.01	-	0.01	0.00	-	0.00	-	-	-	-	-	-

D.

Vessel	Flathead Sole (MT)			BS Sablefish (MT)			Greenland Turbot (MT)		
	Landed	Discard	Total	Landed	Discard	Total	Landed	Discard	Total
Aldebaran	0.90	-	0.90	-	-	-	-	-	-
Arctic Explorer	2.87	-	2.87	0.27	-	0.27	-	-	-
Arctic Ram	0.15	-	0.15	-	-	-	-	-	-
Arcturus	3.64	0.03	3.67	0.14	0.10	0.24	-	-	-
Bristol Explorer	4.86	-	4.86	4.86	-	4.86	0.05	-	0.05
Columbia	1.62	0.03	1.65	0.18	2.22	2.41	-	-	-
Dominator	3.80	0.64	4.45	2.13	8.06	10.20	0.01	0.01	0.01
Excalibur II	0.23	-	0.23	-	-	-	-	-	-
Gladiator	5.47	0.51	5.98	8.76	3.04	11.79	0.05	-	0.05
Golden Dawn	2.75	0.60	3.35	0.77	-	0.77	0.00	0.00	0.00
Golden Pisces	0.38	2.86	3.24	0.05	-	0.05	-	-	-
Leslie Lee	0.06	0.86	0.92	-	-	-	-	0.01	0.01
Lisa Melinda	0.64	-	0.64	-	-	-	-	-	-
Majesty	0.29	0.90	1.19	0.11	0.04	0.15	-	0.01	0.01
Marcy J	0.03	-	0.03	-	0.05	0.05	-	-	-
Margaret Lyn	-	-	-	-	-	-	-	-	-
Mark I	-	-	-	-	-	-	-	-	-
Northern Patriot	1.68	-	1.68	-	-	-	-	-	-
Northwest Explorer	11.08	0.79	11.87	6.53	7.42	13.95	0.02	0.02	0.04
Ocean Explorer	1.58	1.46	3.03	-	-	-	-	0.04	0.04
Pacific Explorer	6.04	0.89	6.93	0.74	1.70	2.44	0.01	0.01	0.02
Pacific Ram	0.17	-	0.17	-	-	-	-	-	-
Pacific Viking	0.73	0.52	1.25	-	-	-	-	0.00	0.00
Pegasus	0.91	0.95	1.87	-	-	-	-	0.02	0.02
Predator	0.45	1.25	1.70	-	-	-	-	0.03	0.03
Raven	1.64	0.42	2.06	-	-	-	-	-	-
Royal American	3.97	1.23	5.20	0.42	-	0.42	-	0.04	0.04
Royal Atlantic	2.12	1.11	3.23	0.09	0.61	0.71	0.00	0.03	0.03
Seeker	0.17	0.93	1.10	-	-	-	-	-	-
Sovereignty	1.41	-	1.41	2.07	-	2.07	0.00	-	0.00
Traveler	0.80	-	0.80	-	-	-	-	-	-
Viking Explorer	2.54	0.02	2.57	-	0.09	0.09	-	-	-
Seadawn (AM69)	0.54	-	0.54	-	-	-	-	-	-

ACVA PSC in the Pollock Fishery

PSC in the BSAI directed pollock fishery is closely monitored. The inter-cooperative manager and Sea State tracked bycatch for the whole AFA pollock fishery and disseminated information about high bycatch areas to the fleet in real time. In parallel, the ACVA co-op vessel captains and plant managers communicated bycatch counts to each other at delivery or on a tow-by-tow basis when estimates could be made. Crab, Pacific halibut (*Hippoglossus stenolepis*), herring (*Clupea pallasii*), and Pacific salmon all have PSC limits that, if exceeded, require the co-op to cease operations. To maximize use of the allocated resource and to minimize incidental impacts, the ACVA makes PSC avoidance a priority.

Pacific Salmon

To minimize Chinook salmon (*Oncorhynchus tshawytscha*) and Chum salmon (*O. keta*) bycatch, ACVA vessels adhere to numerous mandatory salmon reduction plans as well as voluntary fishing strategy and gear modifications (e.g., the use of salmon “excluders”). Salmon PSC limits are issued to the sector by NMFS and then allocated to the co-ops and individual vessels. In 2022, for 160,273 MT of pollock harvested, there were 1,082 Chinook salmon caught in the A Season and 338 caught in the B season (i.e., 0.0088 individual Chinook salmon per MT of pollock; Table 6). There were six individual “Other” salmon (predominantly chum salmon) caught in A season and 39,803 in B season.

Amendments 91 and 110 of the AFA introduced Incentive Plan Agreement (IPA) requirements, which led to fleet-wide efforts to reduce salmon bycatch. The ACVA is regulated by the inshore Salmon Savings Incentive Plan (SSIP), which is an agreement written and modified by the Inter-cooperative group to work with Sea State to reduce salmon bycatch. Under this plan, Sea State monitors Chinook and chum salmon catch rates by analyzing fish tickets and vessels’ VMS data to distribute a weekly IPA report with a list of salmon bycatch avoidance areas (“hot spots”). The IPA and SSIP also require the use of salmon excluders on trawl nets during A season and September - October (the predominant period during B season when Chinook salmon overlap spatially with the pollock fleet). ACVA vessels used salmon excluders in nearly 100% of trips in 2022.

The ACVA continues to seek out new technologies to aid in the reduction of salmon bycatch. For example, there is on-going research into the ability to increase salmon escapement via an excluder by adding artificial light and to understand salmon behavior in the trawl (Trident Seafoods). There have been additional efforts to collaborate with academic partners and external fisheries scientists to improve salmon excluders, and the fleet continues to invest in video technology as a tool for fishing efficiency and bycatch reduction. In the ACVA there are five vessels using live video systems and there are plans to continue to add video systems going forward.

Regulations require that the ACVA annual Co-op Report list co-op vessel names and number of appearances on the “Dirty 20 list”. However, this list is no longer used as part of the Salmon Savings IPA, therefore there is nothing to report. Tables 6 and 7 can be referenced to assess Pacific salmon species catch per ACVA member vessels.

Table 6 Total pollock catch and Pacific salmon bycatch for the ACVA vessels in 2022.

Vessel	Pollock Harvest (MT)	"A" Season 2022 Chinook (N)	"B" Season 2022 Chinook (N)	"A" Season 2022 Other Salmon (N)	"B" Season 2022 Other Salmon (N)
Aldebaran	6,840	44	31	-	1,465
Arctic Explorer	8,525	41	8	1	588
Arctic Ram	1,853	6	5	2	832
Arcturus	7,545	44	27	-	2,144
Bristol Explorer	9,483	57	25	-	4,955
Columbia	8,016	37	37	-	4,318
Dominator	9,173	53	14	-	1,632
Excalibur II	2,772	16	2	-	116
Gladiator	8,450	37	16	-	2,222
Golden Dawn	8,334	59	21	-	3,488
Golden Pisces	2,243	18	3	-	1
Leslie Lee	1,555	12	7	-	480
Lisa Melinda	1,097	33	-	-	-
Majesty	4,663	16	6	-	1,256
Marcy J	752	-	2	-	34
Northern Patriot	11,481	124	27	1	3,024
Northwest Explorer	7,148	41	3	-	4,453
Ocean Explorer	3,397	45	-	-	-
Pacific Explorer	9,813	35	23	1	3,728
Pacific Ram	901	19	-	-	-
Pacific Viking	1,939	32	-	-	-
Pegasus	3,151	79	-	1	-
Predator	1,250	13	-	-	-
Raven	2,606	39	-	-	-
Royal American	7,643	22	16	-	2,739
Royal Atlantic	6,504	17	4	-	747
Seeker	1,400	41	-	-	-
Sovereignty	10,894	55	11	-	557
Traveler	681	3	-	-	-
Viking Explorer	5,735	44	27	-	503
Seadawn (AM69)	4,429	1	23	-	521
Totals	160,273	1,083	338	6	39,803

Pacific Halibut

Most Pacific halibut interactions with AFA pollock vessels occur during the Pacific cod sideboard fishery; therefore, most of the ICA regulations to minimize halibut bycatch are focused on that fishery. In 2022, the ACVA mandated a lower halibut mortality level in both the pollock fishery and cod sideboard fishery than the PSC limit set by NPFMC. Halibut mortality is a catch limit in metric tons of bycatch halibut expected not to survive being discarded at sea. These values are calculated based on catch and the discard mortality rate (DMR) set by NPFMC. In 2022, the ACVA halibut mortality in the pollock fishery was **4.5 halibut** per MT of pollock (Table 7).

Crab

PSC crab allocations are distributed to the co-ops to emphasize accountability. There are three primary crab species of concern in the BSAI pollock fishery: red king crab (*Paralithodes camtschaticus*), Tanner crab

(*Chionoecetes bairdi*), and snow crab (*Chionoecetes opilio*) (often referred to in regulations as “other Tanner”). In 2022, crab allowance for the ACVA (all vessels combined) was 235 red king crab, 12,226 Tanner/bairdi crab, and 12,098 snow crab. Like for Pacific halibut, the ICA manages the crab allowance to a number lower than the PSC limit. In 2022, six ACVA vessels caught a total of 11 crab (seven red king crab and four bairdi) (Table 7).

Herring

The NPFMC designated savings areas for herring in the pollock fishery, which can be closed to the pollock trawl fleet at any time if a high enough number of herring are caught. The ACVA agreed to make every reasonable effort to avoid herring bycatch. To accomplish this, the ACVA vessel captains communicated amongst themselves while on the fishing grounds to share tow coordinates and estimated catch when they encountered an area of high bycatch. This created an informal “hot spot” network. Sea State also highlights herring in the weekly bycatch report distributed to the fleet via email. In 2022 ACVA vessels caught 610.32 MT of herring while pollock fishing (Table 7).

Table 7 2022 Pacific halibut, red king crab, Tanner/bairdi crab, snow crab (“Other Tanner”), Chinook salmon, “other” salmon (predominantly chum salmon), and herring PSC for ACVA vessels. Numbers are reflected in metric tons (MT) or number of individual animals (N) depending on the species. Halibut mortality (MT) is the number of bycaught halibut expected to die after being discarded at sea based on a discard mortality rate established by the PSMFC.

Vessel	Halibut Mort. (MT)	Red King Crab (N)	Bairdi (N)	Other Tanner (N)	Chinook (N)	Other Salmon (N)	Herring (MT)
Aldebaran	0.06	0	0	0	75	1,465	5.78
Arctic Explorer	0.21	0	0	0	49	589	33.57
Arctic Ram	0.01	0	0	0	11	834	6.37
Arcturus	0.04	0	0	0	71	2,143	45.75
Bristol Explorer	0.46	3	1	0	82	4,956	36.18
Columbia	-	0	0	0	74	4,318	15.12
Dominator	-	0	0	0	67	1,633	106.28
Excalibur II	0.02	0	0	0	18	116	0.75
Gladiator	1.50	0	0	0	53	2,224	11.02
Golden Dawn	0.09	1	1	0	80	3,488	37.41
Golden Pisces	0.02	0	0	0	21	1	8.53
Leslie Lee	-	0	0	0	19	480	1.84
Lisa Melinda	-	0	0	0	33	0	0.00
Majesty	0.04	0	0	0	22	1,256	2.04
Marcy J	-	0	0	0	2	34	0.34
Northern Patriot	0.01	2	0	0	151	3,026	14.44
Northwest Explorer	0.49	0	0	0	44	4,455	132.47
Ocean Exploreer	0.13	0	0	0	45	0	1.03
Pacific Explorer	0.14	0	0	0	58	3,729	24.07
Pacific Ram	-	0	0	0	19	0	0.00
Pacific Viking	0.05	0	0	0	32	0	0.00
Pegasus	0.10	0	0	0	79	1	0.04
Predator	0.01	0	0	0	13	0	0.00
Raven	0.20	0	0	0	39	0	0.00
Royal American	0.36	0	0	0	38	2,739	23.57
Royal Atlantic	0.34	0	0	0	21	747	45.45
Seeker	-	0	0	0	41	0	0.00
Sovereignty	0.21	0	1	0	66	559	23.40
Traveler	0.01	1	0	0	3	0	0.00
Viking Explorer	-	0	0	0	71	503	0.00
Seadawn (AM69)	-	0	1	0	24	521	34.87
TOTALS	4.50	7	4	0	1421	39,817	610.32

Other ACVA Pollock Harvest

Under amendment 69, there was one non ACVA member vessel (F/V *Sea Dawn*) that delivered to the Trident Seafoods Akutan plant on behalf of the co-op. Catch information for these deliveries is included in Tables 3-7.

No pollock was harvested outside the State of Alaska on ACVA vessels.

2022 BSAI Sideboard Fisheries

ACVA Sideboard Allocations

In the BSAI there are sideboard fisheries for Pacific cod, yellowfin sole, and rock sole. During pollock rationalization, Pacific cod sideboard allocation percentages were issued to AFA vessels except for those whose primary fishery had been Pacific cod. Those vessels, referred to as exempt boats, received smaller pollock quota allocations and are exempt from the AFA sideboard limits the rest of the non-exempt fleet is bound by. In 2022, 12 non-exempt vessels from ACVA participated in the Pacific cod fishery plus four exempt vessels (Tables 8 and 9). ACVA was allocated 31.47% of the total Pacific cod sideboard allocation based on Sea State verified catch history of its non-exempt members.

Table 8 Pacific cod allocation percentage (“co-op cod %”) for each non-exempt ACVA vessel as well as Pacific cod allocation in metric tons (MT) for 2022. Columns also include inter co-op transfer amounts by vessel, total harvest per vessel in 2022, and amount over or under allocation (values in parentheses indicating over allocation).

Non-Exempt Vessels	Co-op Cod %	2022 Cod Sideboard Allocation (MT)	Inter Co-op Transfers (MT)	Total Sideboard with Transfers (MT)	Vessel Harvest (MT)	(Over) / Under Allocation (MT)
Aldebaran	4.971%	360.25	0.00	360.25	0.00	360.25
Arctic Explorer	4.879%	353.61	0.00	353.61	0.00	353.61
Arctic Ram	1.067%	77.32	0.00	77.32	0.00	77.32
Arcturus	4.339%	314.43	0.00	314.43	0.00	314.43
Bristol Explorer	4.939%	357.91	0.00	357.91	0.00	357.91
Cape Kiwanda	4.813%	348.77	0.00	348.77	0.00	348.77
Columbia	5.216%	378.01	0.00	378.01	0.00	378.01
Dominator	4.536%	328.75	0.00	328.75	380.90	(52.15)
Excalibur II	1.528%	110.74	0.00	110.74	0.00	110.74
Gladiator	4.023%	291.52	0.00	291.52	397.00	(105.48)
Golden Dawn	4.276%	309.85	0.00	309.85	425.90	(116.05)
Lisa Melinda	0.419%	30.36	0.00	30.36	0.00	30.36
Majesty	5.532%	400.92	0.00	400.92	559.80	(158.88)
Northern Patriot	0.719%	52.12	0.00	52.12	0.00	52.12
Northwest Explorer	4.205%	304.72	0.00	304.72	350.40	(45.68)
Ocean Explorer	4.939%	357.91	0.00	357.91	425.80	(67.89)
Pacific Explorer	4.939%	357.91	0.00	357.91	417.80	(59.89)
Pacific Ram	1.383%	100.23	0.00	100.23	0.00	100.23
Pacific Viking	5.587%	404.92	0.00	404.92	397.60	7.32
Pegasus	4.947%	358.53	0.00	358.53	406.40	(47.87)
Raven	3.793%	274.91	0.00	274.91	364.40	(89.49)
Royal American	5.698%	412.94	0.00	412.94	386.20	26.74
Royal Atlantic	7.103%	514.77	0.00	514.77	427.10	87.67
Sovereignty	1.486%	107.67	0.00	107.67	0.00	107.67
Viking Explorer	4.663%	337.91	0.00	337.91	0.00	337.91
Totals	100.000%	7247.00	0.00	7247.00	4939.30	2307.70

Table 9 List of ACVA exempt vessels and their 2022 cod harvest in metric tons. Exempt vessels are not constrained to sideboard limits under the AFA.

Exempt Vessels	2022 Cod Harvest (MT)
Golden Pisces	765.60
Leslie Lee	489.80
Predator	506.70
Seeker	622.30
Total	2,384.40

Sideboard Fishery Management

The Pacific cod fishery was executed as a voluntary catch share and managed by the inter co-op manager in 2022. There were no BSAI sideboard transfers in the ACVA (Table 8).

ACVA Sideboard Cod Harvest and PSC

In the 2022 Pacific cod sideboard fishery, ACVA non-exempt vessels harvested a total of **4,939.23 MT** of cod, which was 68.15% of their allocation (Table 10). Exempt vessels harvested **2,384.45 MT** (Table 11).

A portion of the allocation for each PSC species is set aside as bycatch in the Pacific cod fishery (Table 10 and 11). The halibut mortality allocation was 61.4 MT for the non-exempt vessels in 2022, the total catch was 43.88 MT, or 71.47% of the allocation.

Table 10 ACVA non-exempt vessels total Pacific cod catch/ (“harvest”) (MT) in the Pacific cod sideboard fishery. Because Pacific cod were the target species in this fishery, cod catch numbers were separated from the rest of the sideboard groundfish species catch (“non-target groundfish”). Note that non-target groundfish also excludes Pacific halibut because that is a PSC species. Also listed are PSC for Pacific halibut mortality, red king crab, Tanner crab (“bairdi”), snow crab (“other Tanner”), Chinook salmon, “Other” salmon (predominantly chum salmon), and herring. Pacific halibut mortality (MT) is the number of bycaught halibut expected to die based on established discard mortality rates.

Non - Exempt Vessels	Pacific Cod Harvest (MT)	Non - Target Groundfish (MT)	Total Groundfish (MT)	Halibut Mortality (MT)	Red King Crab (N)	Bairdi (N)	Other Tanner (N)	Chinook (N)	Other Salmon (N)	Herring (MT)
Aldebaran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arctic Explorer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arctic Ram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arcturus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bristol Explorer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cape Kiwanda	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dominator	380.85	20.49	401.34	3.18	0.00	13.29	0.00	6.47	0.00	0.00
Excalibur II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gladiator	397.03	10.33	407.36	4.48	0.00	18.65	0.00	5.63	0.00	0.00
Golden Dawn	425.86	39.04	464.90	5.98	0.00	78.84	0.00	9.24	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
Majesty	559.81	53.25	613.06	5.42	0.00	30.28	0.00	9.14	0.00	0.00
Northern Patriot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northwest Explorer	350.43	21.25	371.67	0.71	0.00	0.00	0.00	0.00	0.00	0.00
Ocean Explorer	425.77	49.15	474.91	2.24	0.00	0.00	0.00	0.00	0.00	0.00
Pacific Explorer	417.79	56.92	474.71	0.13	0.00	0.00	0.00	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
Pacific Viking	397.59	12.85	410.44	6.35	0.00	35.46	0.00	10.70	0.00	0.00
Pegasus	406.40	27.68	434.07	6.40	0.00	29.16	0.00	8.80	0.00	0.00
Raven	364.39	9.03	373.42	3.06	0.00	12.64	0.00	3.81	0.00	0.00
Royal American	386.22	24.11	410.33	4.68	0.00	14.04	0.00	4.91	0.00	0.00
Royal Atlantic	427.09	26.87	453.96	1.25	0.00	0.00	0.00	0.00	0.00	0.00
Sovereignty	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Viking Explorer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS	4,939.23	350.97	5,290.17	43.88	0.00	232.36	0.00	58.70	0.00	0.00

Table 11 ACVA exempt vessels total Pacific cod catch (“harvest”) (MT) in the Pacific cod sideboard fishery. Because Pacific cod were the target species in this fishery, cod catch numbers were separated from the rest of the sideboard groundfish species catch (“non-target groundfish”). Note that non-target groundfish also excludes Pacific halibut because that is a PSC species. Also listed are PSC for Pacific halibut mortality, red king crab, Tanner crab (“bairdi”), snow crab (“other Tanner”), Chinook salmon, “Other” salmon (predominantly chum salmon), and herring. Pacific halibut mortality (MT) is the number of bycaught halibut expected to die based on established discard mortality rates.

Exempt Vessels	Pacific Cod Harvest (MT)	Non - Target Groundfish (MT)	Total Groundfish (MT)	Halibut Mortality (MT)	Red King Crab (N)	Bairdi (N)	Other Tanner (N)	Chinook (N)	Other Salmon (N)	Herring (MT)
Golden Pisces	765.59	81.88	847.47	9.26	0.00	42.28	0.00	11.58	0.00	0.00
Leslie Lee	489.83	48.23	538.06	2.81	0.00	10.91	0.00	5.90	0.00	0.00
Predator	506.73	46.35	553.08	5.06	0.00	26.90	0.00	8.86	0.00	0.00
Seeker	622.31	51.75	674.06	6.28	0.00	28.67	0.00	7.06	0.00	0.00
TOTALS	2,384.45	228.21	2,612.67	23.41	0.00	108.76	0.00	33.40	0.00	0.00

2022 Gulf of Alaska Sideboard Fisheries

ACVA GOA Sideboard Allocations

AFA also established sideboard limits for AFA vessels that participated in the major target fisheries in the Gulf of Alaska. Vessels that primarily fished in the GOA but had verified BSAI pollock catch history were deemed exempt from sideboard limits established during pollock rationalization. For 2022, Sea State published informational tables with GOA sideboard percentages for each co-op’s non-exempt vessels (Table 12). Sideboard totals for each co-op were calculated by taking the co-op’s percentage of the overall AFA sideboard for that area and species. Co-op percentages are based on the relevant verified catch histories of member vessels. In 2021, the traditional A, B, C, & D season fisheries were combined to just A & B seasons, which continued in 2022.

Table 12 ACVA GOA sideboard allocations for 2022. Pollock allocations for fishing areas 610, 620 and 630 are split between an A and B Season. Pollock allocations for 640 and 650, as well as the allocations for the three Pacific Cod management areas are issued annually. Table also shows inter co-op transfers made in 2022.

Area / Species	Co-op Sideboard Shares "A" Season (MT)	Inter Co-op Transfers (MT)	"A" Sideboard Shares after Transfers (MT)
610 Pollock	254.3	0	254.3
620 Pollock	3,198.4	360	2,838.4
630 Pollock	707.4	0	707.4
Area / Species	Co-op Sideboard Shares "B" Season (MT)	Inter Co-op Transfers (MT)	"B" Sideboard Shares after Transfers (MT)
610 Pollock	5,073.0	0	5,073.0
620 Pollock	1,036.3	0	1,036.3
630 Pollock	1,925.0	800	1,125.0
Area / Species	Co-op Sideboard Shares Annual (MT)	Inter Co-op Transfers (MT)	Sideboard Shares after Transfers (MT)
640 Pollock	0.0	0	0.0
650 Pollock	166.3	0	166
Area / Species	2022 Co-op Sideboard Shares (MT)	Inter Co-op Transfers (MT)	Sideboard Shares after Transfers (MT)
Pacific Cod Western	366.6	0	366.6
Pacific Cod Central	446.2	185	261.2
Pacific Cod Eastern	0	0	0

ACVA GOA Sideboard Harvest

No non-exempt vessels from the ACVA participated in GOA sideboard fisheries in 2022, resulting in 11,033 MT of GOA pollock going unharvested. No sideboard limits were exceeded in 2022 and there are no data to present in this report. Any harvest of GOA species by ACVA members was done on GOA exempt vessels.

Table 13 GOA sideboard pollock harvest in 2022 by area (610, 620, and 630) and season (A and B). Note that no ACVA vessels participated in this fishery in 2022.

Vessel	610 Pollock A Harvest (MT)	610 Pollock B Harvest (MT)	2022 Totals (MT)
No 2022 Sideboard Harvest			0
Seasonal Allocation:	254	5,073	5,327
Unharvested Allocation	254	5,073	5,327
Vessel	620 Pollock A Harvest (MT)	620 Pollock B Harvest (MT)	2022 Totals (MT)
No 2022 Sideboard Harvest			0
Seasonal Allocation:	2,838	1,036	3,874
Unharvested Allocation	2,838	1,036	3,874
Vessel	630 Pollock A Harvest (MT)	630 Pollock B Harvest (MT)	2022 Totals (MT)
No 2022 Sideboard Harvest			0
Seasonal Allocation:	707	1,125	1,832
Unharvested Allocation	707	1,125	1,832