NORTHERN VICTOR FLEET COOPERATIVE

# 2022 REPORT TO THE NORTH PACIFIC FISHERY MANAGEMENT COUNCIL

SUBMITTED MARCH 31, 2023

## I. <u>COOPERATIVE ORGANIZATION</u>.

## A. Legal Obligations.

The Northern Victor Fleet Cooperative (the "Cooperative") was formed on December 20, 1999, with ten member vessels and an Agreement to Process with Icicle Seafoods, Inc., the former owner of the shoreside processor NORTHERN VICTOR. The Membership Agreement, as amended by the Membership Agreement Addendum dated as of January 30, 2006, that First Amendment to Membership Agreement dated as of February 29, 2008, the Membership Agreement Addendum dated of as January 7, 2011, remained in effect for 2022. The Membership Agreement was further amended on November 1, 2016, to give effect to the revised regulations at 50 C.F.R. §679.61(e)(1)(vi) which requires the Members of the Cooperative to ensure the full payment of all AFA fee liabilities that may be due. Icicle Seafoods, Inc. signed the 2021 Agreement to Process effective December 1, 2020. Subsequently, Westward Seafoods acquired the shoreside processor Northern Victor, to which the Northern Victor Fleet Cooperative delivered in 2022.

Member	Vessel	AFA Permit Number
Wa'atch, Inc.	Alyeska	395
Bering North LLC	American Eagle	434
Collier Brothers, LLC	Collier Brothers	2791
Bering North LLC	Commodore	2657
Golden Tide, Inc.	Gold Rush	1868
Bering North LLC	Half Moon Bay	249
Bering North LLC	Hickory Wind	993
Miss Berdie Partnership	Miss Berdie	3679
Fury Group, Inc.	Nordic Fury	1094
Pacific Dawn LLC (A Season) Kotlik Challenger LLC (B Season)	Pacific Challenger	657
Fury Group, Inc.	Pacific Fury	421
Bering North LLC	Patricia L	1164
Bering North LLC	Progress	512
Bering North LLC	Storm Petrel	1641
Bering North LLC	Sunset Bay	251

# B. <u>2022 Membership.</u>

# C. <u>Member Obligations</u>.

In the Membership Agreement, each Member agrees not to exceed its allocation of pollock or Chinook PSC cap or its allocation of cap amounts for species in sideboard fisheries. It

agrees to base allocations on pro rata catch history that each Member brings to the Cooperative, to recognize exemptions and the authorization for vessels under 99 feet to fish inside the Steller sea lion critical habitat forage area, and to recognize the right of each Member to deliver up to 10% of its annual pollock allocation to a pollock processor other than Westward Seafoods. Each Member agrees that transfers of allocations between Members are authorized so long as notification is given to the Cooperative President, Westward Seafoods, the Intercooperative Manager, and Sea State, Inc., the monitoring service for the Intercooperative Group.

# D. <u>Cooperative Operations</u>.

Prior to each of the A and B Seasons, the Cooperative's designated NMFS representative ("Coop Representative") prepared spreadsheets allocating pollock and Chinook PSC cap to each vessel, divided into allocations inside and outside of the Stellar sea lion critical habitat forage area as appropriate, and divided into the A and B Seasons. At various times during the year, the Coop Representative also prepared spreadsheets allocating the Bering Sea and Aleutian Islands Pacific cod fishery to each vessel and revised both pollock and cod spreadsheets as necessary if reserves were released. The Coop Representative also prepared as preadsheet allocating to each vessel a cap for halibut PSC in the Pacific cod fishery.

The cooperative manager worked with each of the Member vessels, providing them with information about the allocations and changes of allocations, and about the amount remaining in each vessel's allocations. The manager entered all landings into a spreadsheet that contained each vessel's allocation for pollock, cod, and PSC cap, each vessel's quota subdivision inside and outside critical habitat, and the landed pounds for each vessel. The spreadsheet was always available to vessel captains and was e-mailed to the Coop Representative on a regular basis. The manager also reported all landings to the National Marine Fisheries Service and to Sea State, Inc., the Intercooperative Group's monitoring service. As a signatory to the Inshore Chinook Salmon Savings Incentive Plan Agreement, each of the cooperative vessels' allocation, harvest, and transfers of pollock and/or Chinook PSC cap were also monitored by Sea State, Inc.

All transfers that occurred in 2022 were approved by the President and implemented by the Cooperative Manager. At the end of each of the A and B Seasons, the Cooperative Manager designated certain vessels to make the last trip or trips to catch the remaining pollock quota amounts for all Cooperative vessels. This approach ensured that the Cooperative did not exceed its allocations or PSC cap.

Table 1, attached, shows each vessel's initial allocation, harvest, and transfers of BSAI pollock and cod sideboards. None of the pollock landed by the Member vessels or on behalf of the Member vessels was landed outside of the State of Alaska. Cod figures are not provided for the F/V Nordic Fury, F/V Pacific Fury, F/V Pacific Challenger or F/V Alyeska because their cod harvests are reported through the Mothership Cooperative, nor for the Ocean Hope 3 because, as a BSAI cod exempt vessel, it does not have a BSAI cod sideboard. The Pacific Challenger joined the Northern Victor Fleet Cooperative in 2022.

#### II. <u>SIDEBOARD FISHERY CAPS AND CATCHES</u>.

Tables 2-8, attached, provide details on the Cooperative vessels' activity in sideboard fisheries in the Bering Sea and Gulf of Alaska. All figures shown are by metric ton (mt) or by number (n).

Table 2 shows each vessel's catch and non-groundfish bycatch in the Bering Sea directed Pollock fishery.

Table 3 shows each vessel's catch and non-groundfish bycatch in the Bering Sea directed Cod fishery.

Table 4 shows each vessel's landed and discard weight for all Bering Sea groundfish species harvested.

Table 5 shows the Cooperative's landed and discard weight for all Bering Sea groundfish species harvested.

Table 6 shows the Cooperative's Gulf of Alaska Pollock sideboard allocations by area and season.

Table 7 shows each Gulf of Alaska non-exempt vessel's catch and non-groundfish bycatch in the Gulf of Alaska groundfish fisheries.

Table 8 shows each Gulf of Alaska non-exempt vessel's landed and discard weight for all Gulf of Alaska groundfish species harvested.

Table 9 shows the Cooperative's landed and discard weight for all Gulf of Alaska groundfish species harvested by non-exempt vessels.

#### III. <u>PENALTY STRUCTURES</u>.

The Cooperative's Members recognize the critical importance of strong commitments by each Member to comply with pollock allocations; cod cap allocations; and limits in all sideboard fisheries for pollock in the Gulf of Alaska, non-pollock groundfish in the Bering Sea/Aleutian Islands and the Gulf of Alaska, and crab. The Cooperative took three approaches to ensuring compliance. First, each Member made a specific commitment in the Membership Agreement to comply with all allocations and limits. Second, the practical operation of the Cooperative and the constant availability of up-to-date data on landings minimized the possibility of error. Third, the Members set forfeiture amounts, for any catches that exceed an allocation of quota or a cap amount, of 150% of the ex-vessel value for pollock, \$1,000 per metric ton for P. cod, and \$300 per metric ton for other groundfish. None of the Members exceeded a quota allocation or cap amount in 2022.

#### IV. SALMON BYCATCH.

The Cooperative's Members recognize the critical importance of strong commitments by each Member to avoid salmon. Each of the Cooperative's vessels was individually incentivized to avoid Chinook salmon pursuant to the rules of the Inshore Chinook Salmon Savings Incentive Plan Agreement, and to avoid Chum salmon. Additionally, the Member vessels utilized salmon excluders extensively and take other proactive measures such as voluntarily standing down in times of high bycatch, moving away from hot spot areas, and approaching the season on a slow, rolling start to provide information about the incidence of salmon in the intended fishing areas. Information about the number of salmon avoided as demonstrated by the movement of fishing effort away from the salmon savings areas will be provided separately in the AFA Catcher Vessel Intercooperative annual report to the North Pacific Fishery Management Council.

Table 10, attached, shows the aggregate number of Chinook and Chum salmon taken by species and season while fishing for Pollock by all vessels harvesting Pollock on behalf of the Cooperative.

#### V. <u>CONTACT INFORMATION.</u>

Questions regarding information in this report may be directed to Hunter Berns, at 206-849-6192 or hunter\_b@beringnorthllc.com.

Table 1 - BSAI Pollock & Coo	ł
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Vessel Name	Initial Pollock Allocation	Pollock Harvest	Transfers	Cod Allocation (A + B Seasons)	Cod Harvest	Transfers
ALYESKA	5,793.65	0.00	5,793.65	-	-	
AMERICAN EAGLE	5,090.49	7,648.39	-2,557.91	468.40	17.17	(168.91)
COLLIER BROTHERS	584.97	557.28	27.68	-	-	
COMMODORE	5,963.09	7,480.91	-1,517.82	461.04	-	
GOLD RUSH	2,025.91	2,012.00	13.91	318.70	331.28	12.58
HALF MOON BAY	2,583.23	3,275.76	-692.53	336.45	-	
HICKORY WIND	1,451.74	1,508.80	-57.07	78.43	-	
MISS BERDIE	2,856.21	2,945.63	-89.42	147.70	-	
NORDIC FURY	342.56	682.12	-339.56	-	-	
OCEAN HOPE 3	1,981.02	0.00	1,981.02	-	-	
PACIFIC CHALLENGER	798.2	846.03	-47.82	-	-	
PACIFIC FURY	274.49	0.00	274.49	-	-	
PATRICIA L	5,844.79	7,345.59	-1,500.80	309.60	387.50	77.90
PROGRESS	7,398.85	8,856.69	-1,457.84	48.87	-	
STORM PETREL	5,812.79	7,221.94	-1,409.15	381.39	448.19	66.80
SUNSET BAY	2,391.24	803.35	1,587.88	340.42	352.05	11.63
TOTALS	51,193.23	51,184.49	8.71	2,891.00	1,536.19	-

#### Table 2 - BSAI Pollock

Vessel	Landed + Discards	Pollock (mt)	A season Chinook (N)	B season Chinook (N)	A season Other salmon (N)	B season Other salmon (N)	Halibut mortality (mt)	King crab (N)	Bairdi (N)	Opilio (N)	Herring (mt)
AMERICAN EAGLE	7,721.36	7,648.39	51	33	0	249	0.09	0.00	0.00	0.00	21.12
COLLIER BROTHERS	559.45	557.28	0	2	0	0	0.00	0.00	0.00	0.00	0.01
COMMODORE	7,527.01	7,480.91	33	13	0	912	0.30	0.00	0.00	0.00	3.45
GOLD RUSH	2,019.49	2,012.00	3	7	0	850	0.01	0.00	0.00	0.00	0.44
HALF MOON BAY	3,290.98	3,275.76	14	11	0	2652	0.00	0.00	0.00	0.00	2.50
HICKORY WIND	1,516.62	1,508.80	0	13	0	540	0.00	0.00	1.00	0.00	18.34
MISS BERDIE	2,966.40	2,945.63	63	0	0	0	0.03	0.00	0.00	0.00	0.05
NORDIC FURY	688.32	682.12	5	1	0	26	0.04	0.00	0.00	0.00	0.20
PACIFIC CHALLENGER	852.03	846.03	2	1	0	42	0.23	0.00	0.00	0.00	0.02
PATRICIA L	7,399.97	7,345.59	34	8	0	451	0.25	0.00	0.00	0.00	5.32
PROGRESS	8,892.44	8,856.69	50	15	1	2236	0.04	0.00	1.00	0.00	121.81
STORM PETREL	7,255.89	7,221.94	34	20	0	1362	0.03	0.00	0.00	0.00	15.12
SUNSET BAY	810.47	803.35	6	0	0	0.00	0.03	0.00	0.00	0.00	0.00
TOTALS	51,500.42	51,184.49	295.00	124.00	1	9,320.00	1.07	0.00	2.00	0.00	188.39

#### Table 3 - BSAI Cod Directed Fishery

Non-exempt Vessels	Total Groundfish	Cod (mt)	Chinook (N)	Other salmon (N)	Halibut mortality (mt)	King crab (N)	Bairdi (N)	Opilio (N)	Herring (mt)
AMERICAN EAGLE	22.45	17.17	0.00	0.00	0.09	0.00	0.00	0.00	0.00
GOLD RUSH	343.58	331.28	5.90	0.00	4.15	0.00	19.55	0.00	0.00
PATRICIA L	403.74	387.50	0.00	0.00	3.35	0.00	0.00	0.00	0.00
STORM PETREL	491.18	448.19	3.65	0.00	1.96	0.00	6.75	0.00	0.00
SUNSET BAY	364.04	352.05	2.33	0.00	1.48	0.00	4.30	0.00	0.00
TOTAL	1,625.01	1,536.20	11.87	0.00	11.03	0.00	30.60	0.00	0.00

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	American Eagle	Pollock BS - A	3,277.9	35.7	3,313.6
BSAI	American Eagle	Pollock BS - B	4,334.8	0.0	4,334.8
BSAI	American Eagle	Pcod BSAI Trawl A	13.2	0.0	13.2
BSAI	American Eagle	Pcod BSAI Trawl B	17.4	0.0	17.4
BSAI	American Eagle	Pcod BSAI Trawl C	10.6	0.0	10.6
BSAI	American Eagle	Sablefish BS	2.0	0.0	2.0
BSAI	American Eagle	Mackerel BS/541	10.2	0.0	10.2
BSAI	American Eagle	Yellowfin BSAI	0.0	0.0	0.0
BSAI	American Eagle	Rocksole BSAI	0.0	0.4	0.5
BSAI	American Eagle	Arrowtooth BSAI	0.6	0.0	0.6
BSAI	American Eagle	Flathead BSAI	1.6	0.0	1.6
BSAI	American Eagle	Oflats BSAI	2.0	0.1	2.1
BSAI	American Eagle	AKPlaice BSAI	0.0	0.0	0.0
BSAI	American Eagle	POP BS	26.9	0.0	26.9
BSAI	American Eagle	ORockfish BS	0.1	0.0	0.1
BSAI	American Eagle	Skates BSAI	1.5	0.1	1.6
BSAI	American Eagle	Sharks BSAI	0.1	3.7	3.7
BSAI	American Eagle	Sculpins BSAI	0.3	0.2	0.4
BSAI	Collier Brothers	Pollock BS - B	557.3	0.0	557.3
BSAI	Collier Brothers	Pcod BSAI Trawl C	2.0	0.0	2.0
BSAI	Collier Brothers	Mackerel BS/541	0.0	0.0	0.0
BSAI	Collier Brothers	Arrowtooth BSAI	0.1	0.0	0.1
BSAI	Collier Brothers	Oflats BSAI	0.0	0.0	0.0
BSAI	Collier Brothers	POP BS	0.0	0.0	0.0
BSAI	Collier Brothers	ORockfish BS	0.0	0.0	0.0
BSAI	Collier Brothers	Skates BSAI	0.0	0.0	0.0
BSAI	Commodore	Pollock BS - A	3,482.6	0.8	3,483.3
BSAI	Commodore	Pollock BS - B	3,997.1	0.4	3,997.6
BSAI	Commodore	Pcod BSAI Trawl A	10.4	0.0	10.4
BSAI	Commodore	Pcod BSAI Trawl B	2.7	0.0	2.7
BSAI	Commodore	Pcod BSAI Trawl C	13.2	0.0	13.2
BSAI	Commodore	Sablefish BS	2.9	0.0	2.9

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Commodore	Mackerel BS/541	0.0	0.0	0.0
BSAI	Commodore	Yellowfin BSAI	0.0	0.0	0.0
BSAI	Commodore	Rocksole BSAI	0.1	0.0	0.1
BSAI	Commodore	Turbot BS	0.0	0.0	0.0
BSAI	Commodore	Arrowtooth BSAI	1.7	0.0	1.7
BSAI	Commodore	Flathead BSAI	5.1	0.0	5.1
BSAI	Commodore	Oflats BSAI	0.6	0.0	0.6
BSAI	Commodore	POP BS	5.3	0.0	5.3
BSAI	Commodore	Northern BSAI	0.0	0.0	0.0
BSAI	Commodore	ORockfish BS	0.1	0.0	0.1
BSAI	Commodore	Skates BSAI	3.1	0.0	3.1
BSAI	Commodore	Sharks BSAI	0.0	0.8	0.8
BSAI	Commodore	Sculpins BSAI	0.1	0.0	0.1
BSAI	Gold Rush	Pollock BS - A	159.1	0.0	159.1
BSAI	Gold Rush	Pollock BS - B	1,852.8	0.1	1,852.9
BSAI	Gold Rush	Pcod BSAI Trawl A	329.8	2.7	332.4
BSAI	Gold Rush	Pcod BSAI Trawl C	5.0	0.0	5.0
BSAI	Gold Rush	Sablefish BS	0.1	0.0	0.1
BSAI	Gold Rush	Mackerel BS/541	0.0	0.0	0.0
BSAI	Gold Rush	Yellowfin BSAI	0.0	0.0	0.0
BSAI	Gold Rush	Rocksole BSAI	0.0	0.7	0.7
BSAI	Gold Rush	Turbot BS	0.0	0.0	0.0
BSAI	Gold Rush	Arrowtooth BSAI	0.4	0.1	0.5
BSAI	Gold Rush	Flathead BSAI	0.2	0.8	1.0
BSAI	Gold Rush	Oflats BSAI	0.1	0.3	0.4
BSAI	Gold Rush	AKPlaice BSAI	0.0	0.1	0.1
BSAI	Gold Rush	POP BS	0.3	0.0	0.3
BSAI	Gold Rush	ORockfish BS	0.0	0.0	0.0
BSAI	Gold Rush	Skates BSAI	0.2	2.1	2.4
BSAI	Gold Rush	Sharks BSAI	0.0	0.0	0.0
BSAI	Gold Rush	Sculpins BSAI	0.0	0.4	0.4

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Half Moon Bay	Pollock BS - A	1,264.8	0.6	1,265.4
BSAI	Half Moon Bay	Pollock BS - B	2,010.1	0.3	2,010.4
BSAI	Half Moon Bay	Pcod BSAI Trawl A	2.1	0.0	2.1
BSAI	Half Moon Bay	Pcod BSAI Trawl B	3.4	0.0	3.4
BSAI	Half Moon Bay	Pcod BSAI Trawl C	3.8	0.0	3.8
BSAI	Half Moon Bay	Sablefish BS	0.8	0.0	0.8
BSAI	Half Moon Bay	Mackerel BS/541	0.6	0.0	0.6
BSAI	Half Moon Bay	Arrowtooth BSAI	0.4	0.0	0.4
BSAI	Half Moon Bay	Flathead BSAI	0.9	0.0	0.9
BSAI	Half Moon Bay	Oflats BSAI	0.3	0.0	0.3
BSAI	Half Moon Bay	POP BS	2.3	0.0	2.4
BSAI	Half Moon Bay	ORockfish BS	0.0	0.0	0.0
BSAI	Half Moon Bay	Skates BSAI	0.4	0.0	0.4
BSAI	Half Moon Bay	Sharks BSAI	0.0	0.0	0.0
BSAI	Half Moon Bay	Sculpins BSAI	0.1	0.0	0.1
BSAI	Hickory Wind	Pollock BS - B	1,508.7	0.1	1,508.8
BSAI	Hickory Wind	Pcod BSAI Trawl C	5.0	0.0	5.0
BSAI	Hickory Wind	Sablefish BS	0.1	0.0	0.1
BSAI	Hickory Wind	Mackerel BS/541	1.4	0.0	1.4
BSAI	Hickory Wind	Rocksole BSAI	0.0	0.0	0.0
BSAI	Hickory Wind	Arrowtooth BSAI	0.5	0.0	0.5
BSAI	Hickory Wind	Flathead BSAI	0.2	0.0	0.2
BSAI	Hickory Wind	Oflats BSAI	0.1	0.0	0.1
BSAI	Hickory Wind	POP BS	0.2	0.0	0.2
BSAI	Hickory Wind	ORockfish BS	0.0	0.0	0.0
BSAI	Hickory Wind	Skates BSAI	0.3	0.0	0.3
BSAI	Hickory Wind	Sharks BSAI	0.1	0.0	0.1
BSAI	Hickory Wind	Sculpins BSAI	0.0	0.0	0.0
BSAI	Miss Berdie	Pollock BS - A	2,945.6	0.0	2,945.6
BSAI	Miss Berdie	Pcod BSAI Trawl A	11.9	0.0	11.9
BSAI	Miss Berdie	Yellowfin BSAI	5.5	0.0	5.5
BSAI	Miss Berdie	Rocksole BSAI	0.6	0.0	0.6
BSAI	Miss Berdie	Arrowtooth BSAI	0.0	0.0	0.0
BSAI	Miss Berdie	Flathead BSAI	1.6	0.0	1.6
BSAI	Miss Berdie	Oflats BSAI	0.0	0.0	0.0
BSAI	Miss Berdie	Skates BSAI	1.1	0.0	1.1
BSAI	Miss Berdie	Sculpins BSAI	0.1	0.0	0.1

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Nordic Fury	Pollock BS - A	277.7	0.0	277.7
BSAI	Nordic Fury	Pollock BS - B	404.4	0.0	404.4
BSAI	Nordic Fury	Pcod BSAI Trawl A	2.4	0.0	2.4
BSAI	Nordic Fury	Pcod BSAI Trawl C	1.4	0.0	1.4
BSAI	Nordic Fury	Sablefish BS	0.5	0.0	0.5
BSAI	Nordic Fury	Mackerel BS/541	0.0	0.0	0.0
BSAI	Nordic Fury	Yellowfin BSAI	0.0	0.0	0.0
BSAI	Nordic Fury	Arrowtooth BSAI	0.1	0.0	0.1
BSAI	Nordic Fury	Flathead BSAI	0.3	0.0	0.3
BSAI	Nordic Fury	Oflats BSAI	0.2	0.0	0.2
BSAI	Nordic Fury	POP BS	0.3	0.0	0.3
BSAI	Nordic Fury	ORockfish BS	0.0	0.0	0.0
BSAI	Nordic Fury	Skates BSAI	0.9	0.0	0.9
BSAI	Nordic Fury	Sculpins BSAI	0.0	0.0	0.0
BSAI	Pacific Challenger	Pollock BS - A	418.2	0.0	418.2
BSAI	Pacific Challenger	Pollock BS - B	427.8	0.0	427.8
BSAI	Pacific Challenger	Pcod BSAI Trawl A	0.7	0.0	0.7
BSAI	Pacific Challenger	Pcod BSAI Trawl C	0.9	0.0	0.9
BSAI	Pacific Challenger	Sablefish BS	0.7	0.0	0.7
BSAI	Pacific Challenger	Rocksole BSAI	0.0	0.0	0.0
BSAI	Pacific Challenger	Arrowtooth BSAI	0.7	0.0	0.7
BSAI	Pacific Challenger	Flathead BSAI	1.3	0.0	1.3
BSAI	Pacific Challenger	Oflats BSAI	0.3	0.0	0.3
BSAI	Pacific Challenger	POP BS	0.9	0.0	0.9
BSAI	Pacific Challenger	ORockfish BS	0.0	0.0	0.0
BSAI	Pacific Challenger	Skates BSAI	0.4	0.0	0.4
BSAI	Pacific Challenger	Sharks BSAI	0.0	0.0	0.0
BSAI	Pacific Challenger	Sculpins BSAI	0.0	0.0	0.0

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Patricia L	Pollock BS - A	3,099.7	10.0	3,109.7
BSAI	Patricia L	Pollock BS - B	4,235.8	0.0	4,235.8
BSAI	Patricia L	Pcod BSAI Trawl A	393.9	3.3	397.2
BSAI	Patricia L	Pcod BSAI Trawl B	1.8	0.0	1.8
BSAI	Patricia L	Pcod BSAI Trawl C	11.3	0.0	11.3
BSAI	Patricia L	Sablefish BS	5.3	0.0	5.3
BSAI	Patricia L	Mackerel BS/541	0.0	0.0	0.0
BSAI	Patricia L	Yellowfin BSAI	0.3	0.0	0.3
BSAI	Patricia L	Rocksole BSAI	3.5	0.5	4.1
BSAI	Patricia L	Turbot BS	0.0	0.0	0.0
BSAI	Patricia L	Arrowtooth BSAI	0.2	0.2	0.4
BSAI	Patricia L	Kamchatka BSAI	0.1	0.0	0.1
BSAI	Patricia L	Flathead BSAI	5.8	0.6	6.4
BSAI	Patricia L	Oflats BSAI	1.5	0.2	1.7
BSAI	Patricia L	AKPlaice BSAI	0.0	0.1	0.1
BSAI	Patricia L	POP BS	6.7	0.0	6.7
BSAI	Patricia L	ORockfish BS	0.1	0.0	0.1
BSAI	Patricia L	Skates BSAI	4.0	2.2	6.2
BSAI	Patricia L	Sharks BSAI	0.0	4.0	4.0
BSAI	Patricia L	Sculpins BSAI	0.1	0.5	0.6
BSAI	Progress	Pollock BS - A	3,780.2	10.0	3,790.2
BSAI	Progress	Pollock BS - B	5,066.5	0.0	5,066.5
BSAI	Progress	Pcod BSAI Trawl A	13.3	0.0	13.3
BSAI	Progress	Pcod BSAI Trawl C	6.5	0.0	6.5
BSAI	Progress	Sablefish BS	6.1	0.0	6.1
BSAI	Progress	Mackerel BS/541	0.0	0.0	0.0
BSAI	Progress	Yellowfin BSAI	0.0	0.0	0.0
BSAI	Progress	Rocksole BSAI	0.2	0.0	0.2
BSAI	Progress	Arrowtooth BSAI	0.9	0.0	0.9
BSAI	Progress	Flathead BSAI	3.8	0.0	3.8
BSAI	Progress	Oflats BSAI	0.6	0.0	0.6
BSAI	Progress	POP BS	2.5	0.0	2.5
BSAI	Progress	Northern BSAI	0.0	0.0	0.0
BSAI	Progress	ORockfish BS	0.0	0.0	0.0
BSAI	Progress	Skates BSAI	1.1	0.0	1.1
BSAI	Progress	Sharks BSAI	0.2	0.5	0.7
BSAI	Progress	Sculpins BSAI	0.0	0.0	0.0

Table 4 - BSAI by Vessel

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Storm Petrel	Pollock BS - A	2,990.0	9.6	2,999.6
BSAI	Storm Petrel	Pollock BS - B	4,214.2	8.1	4,222.3
BSAI	Storm Petrel	Pcod BSAI Trawl A	380.7	3.0	383.7
BSAI	Storm Petrel	Pcod BSAI Trawl B	72.9	0.2	73.0
BSAI	Storm Petrel	Pcod BSAI Trawl C	12.3	0.0	12.3
BSAI	Storm Petrel	Sablefish BS	1.8	0.0	1.8
BSAI	Storm Petrel	Mackerel BS/541	0.0	0.0	0.0
BSAI	Storm Petrel	Yellowfin BSAI	0.0	0.1	0.1
BSAI	Storm Petrel	Rocksole BSAI	0.4	2.7	3.1
BSAI	Storm Petrel	Turbot BS	0.0	0.0	0.0
BSAI	Storm Petrel	Arrowtooth BSAI	0.4	0.2	0.6
BSAI	Storm Petrel	Flathead BSAI	3.7	1.3	5.0
BSAI	Storm Petrel	Oflats BSAI	0.6	0.6	1.2
BSAI	Storm Petrel	AKPlaice BSAI	0.0	0.2	0.2
BSAI	Storm Petrel	POP BS	3.7	0.0	3.7
BSAI	Storm Petrel	Rougheye BSAI	0.0	0.0	0.0
BSAI	Storm Petrel	ORockfish BS	0.1	0.0	0.1
BSAI	Storm Petrel	Skates BSAI	2.5	2.8	5.3
BSAI	Storm Petrel	Octopus BSAI	0.0	0.0	0.0
BSAI	Storm Petrel	Sharks BSAI	0.0	0.1	0.2
BSAI	Storm Petrel	Sculpins BSAI	0.0	1.2	1.3
BSAI	Sunset Bay	AKPlaice BSAI	0.0	0.1	0.1
BSAI	Sunset Bay	Arrowtooth BSAI	0.1	0.0	0.1
BSAI	Sunset Bay	Flathead BSAI	0.751	0.747	1.498
BSAI	Sunset Bay	Oflats BSAI	0.000	0.160	0.160
BSAI	Sunset Bay	ORockfish BS	0.0	0.0	0.0
BSAI	Sunset Bay	Pcod BSAI Trawl A	351.765	1.1	352.825
BSAI	Sunset Bay	Pcod BSAI Trawl B	5.4	0.0	5.4
BSAI	Sunset Bay	Pollock BS - A	803.4	0.0	803.4
BSAI	Sunset Bay	Pollock BS - ICA	1.277	2.273	3.550
BSAI	Sunset Bay	Rocksole BSAI	0.000	0.385	0.385
BSAI	Sunset Bay	Sculpins BSAI	0.000	0.755	0.798
BSAI	Sunset Bay	Skates BSAI	0.000	4.360	4.520
BSAI	Sunset Bay	Turbot BS	0.0	0.0	0.0
BSAI	Sunset Bay	Yellowfin BSAI	0.000	0.100	0.100

Quota Category	Landed Amount	Estimated Discard	Total Catch
Pollock BS - A	22,499.1	66.6	22,565.8
Pollock BS - B	28,609.7	8.9	28,618.7
Pcod BSAI Trawl A	1,292.64	10.03	1,302.68
Pcod BSAI Trawl B	103.5	0.2	103.7
Pcod BSAI Trawl C	71.9	0.0	71.9
Sablefish BS	20.4	0.0	20.4
Mackerel BS/541	12.2	0.0	12.2
Yellowfin BSAI	5.8	0.1	5.9
Rocksole BSAI	4.9	4.6	9.5
Turbot BS	0.0	0.1	0.1
Arrowtooth BSAI	6.0	0.6	6.6
Flathead BSAI	25.4	3.1	28.5
Oflats BSAI	6.27	1.35	7.63
AKPlaice BSAI	0.0	0.4	0.4
POP BS	49.1	0.0	49.2
Northern BSAI	0.0	0.0	0.0
ORockfish BS	0.4	0.0	0.5
Skates BSAI	15.7	8.1	23.9
Octopus BSAI	0.0	0.0	0.0
Sharks BSAI	0.4	9.0	9.5
Sculpins BSAI	0.8	2.5	3.3

## Table 5 - BSAI Summary

Table 6 - GOA Pollock Sideboard Allocations

	Area			
Season	610	620	630	
A	61	1,785	375	
В	1,219.00	578.00	2,117.00	
Sub-totals	1,280.10	2,363.40	2,491.60	
Grand Total	6,135.10			

These totals include intercooperative transfers.

Table 7 - GOA Pollock

	Total								
	Groundfish		Chinook	Other salmon	Halibut	King crab			Herring
Vessel	(mt)	Pollock (mt)	(N)	(N)	mortality (mt)	(N)	Bairdi (N)	Opilio (N)	(mt)
HALF MOON BAY	1,657.60	1,507.56	173.00	6.00	0.01	0.00	30.00	0.00	0.17
SUNSET BAY	2,761.00	2,507.16	141.00	5.00	0.33	0.00	0.00	0.00	0.61
Total	4,418.60	4,014.72	314.00	11.00	0.33	0.00	30.00	0.00	0.78

Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
Half Moon Bay	Pollock Central GOA 620 - B	688.1	0.0	688.2
Half Moon Bay	Pollock Central GOA 630 - B	819.2	0.2	819.4
Half Moon Bay	Pcod Central GOA	4.2	0.0	4.2
Half Moon Bay	Sablefish Central GOA	0.3	0.0	0.3
Half Moon Bay	Mackerel Gulf wide	0.0	0.0	0.0
Half Moon Bay	Arrowtooth Central GOA	2.9	0.0	2.9
Half Moon Bay	Flathead Central GOA	0.3	0.0	0.3
Half Moon Bay	Rex Central GOA	0.1	0.0	0.1
Half Moon Bay	Sharks Gulf wide	0.0	1.3	1.3
Half Moon Bay	PSR Central GOA	2.0	0.0	2.0
Half Moon Bay	Shortraker Central GOA	4.4	0.0	4.4
Half Moon Bay	Rougheye Central GOA	1.3	0.0	1.3
Half Moon Bay	POP Central GOA	132.9	0.3	133.2
Half Moon Bay	Northern Central GOA	0.0	0.0	0.0
Half Moon Bay	OtherSkate Central GOA	0.0	0.0	0.0
Sunset Bay	Pollock Central GOA 620 - A	1,121.3	0.0	1,121.3
Sunset Bay	Pollock Central GOA 620 - B	378.3	0.2	378.4
Sunset Bay	Pollock Central GOA 630 - A	179.8	0.0	179.8
Sunset Bay	Pollock Central GOA 630 - B	827.3	0.3	827.6
Sunset Bay	Pcod Central GOA	134.1	0.0	134.1
Sunset Bay	Sablefish Central GOA	2.5	0.0	2.5
Sunset Bay	Arrowtooth Central GOA	5.7	0.1	5.8
Sunset Bay	Flathead Central GOA	0.8	0.1	0.9
Sunset Bay	Shallowflats Central GOA	0.0	0.1	0.1
Sunset Bay	Rex Central GOA	0.2	0.0	0.2
Sunset Bay	Sharks Gulf wide	0.0	0.7	0.7
Sunset Bay	Sculpins Gulf wide	0.0	0.8	0.8
Sunset Bay	PSR Central GOA	1.0	0.0	1.0
Sunset Bay	Shortraker Central GOA	2.8	0.0	2.8
Sunset Bay	Rougheye Central GOA	0.3	0.0	0.3
Sunset Bay	POP Central GOA	102.9	0.3	103.2
Sunset Bay	Northern Central GOA	0.0	0.0	0.0
Sunset Bay	LongnoseSkate Central GOA	0.3	0.3	0.6
Sunset Bay	OtherSkate Central GOA	0.1	0.0	0.1
Sunset Bay	BigSkate Central GOA	0.5	0.2	0.7

# Table 8 - GOA by Vessel

## Table 9 - GOA Summary

Group/Description	Landed Amount	Estimated Discard	Total Catch
Pollock Central GOA 620 - A	1,121	0	1,121
Pollock Central GOA 620 - B	1,066	0	1,067
Pollock Central GOA 630 - A	180	0	180
Pollock Central GOA 630 - B	1,647	0	1,647
Pcod Central GOA	138	0	138
Sablefish Central GOA	3	0	3
Mackerel Gulf wide	0	0	0
Arrowtooth Central GOA	9	0	9
Flathead Central GOA	1	0	1
Shallowflats Central GOA	0	0	0
Rex Central GOA	0	0	0
Sharks Gulf wide	0	2	2
Sculpins Gulf wide	0	1	1
PSR Central GOA	3	0	3
Shortraker Central GOA	7	0	7
Rougheye Central GOA	2	0	2
POP Central GOA	236	1	236
Northern Central GOA	0	0	0
LongnoseSkate Central GOA	0	0	1
OtherSkate Central GOA	0	0	0
BigSkate Central GOA	0	0	1

Table 10 - Salmon Bycatch

"A" Season Chinook	"B" Season Chinook	"A" Season Other Salmon	"B" Season Other Salmon
295	124	1	9320