

*NORTHERN VICTOR FLEET COOPERATIVE*

March 30, 2020

Mr. Dave Witherell  
Executive Director  
North Pacific Fishery Management Council  
605 West Fourth Avenue, Suite 306  
Anchorage, Alaska 99501-2252

Re: 2019 Annual Report

Dear Dave:

Enclosed is the 2019 annual report for the Northern Victor Fleet Cooperative.

Sincerely,

NORTHERN VICTOR FLEET COOPERATIVE

A handwritten signature in black ink, appearing to read "H. Berns", with a stylized flourish at the end.

Hunter Berns  
Designated NMFS Representative

Enclosures (as noted)

NORTHERN VICTOR  
FLEET COOPERATIVE

2019 REPORT TO THE  
NORTH PACIFIC FISHERY MANAGEMENT  
COUNCIL

SUBMITTED MARCH 30, 2020

**I. COOPERATIVE ORGANIZATION.**

**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 owner of the P/V 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 as of November 12, 2010, and the Membership Agreement Addendum dated as of January 7, 2011, remained in effect for 2019. 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 2019 Agreement to Process effective December 1, 2018 (copy attached).

**B. 2019 Membership.**

Member	Vessel	AFA Permit Number
Wa’atch, Inc.	Alyeska	395
Evening Star, Inc.	American Eagle	434
Evening Star, Inc.	Anita J	1913
Collier Brothers, LLC	Collier Brothers	2791
Evening Star, Inc.	Commodore	2657
Golden Tide, Inc.	Gold Rush	1868
Evening Star, Inc.	Half Moon Bay	249
Evening Star, Inc.	Hickory Wind	993
Miss Berdie Partnership	Miss Berdie	3679
Fury Group, Inc.	Nordic Fury	1094
Fury Group, Inc.	Pacific Fury	421
Bering Fishing LLC	Patricia L	1164
Progress Fishing LLC	Progress	512
Evening Star, Inc.	Storm Petrel	1641
Evening Star, Inc.	Sunset Bay	251

**C. Member Obligations.**

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 Icicle Seafoods. Each

Member agrees that transfers of allocations between Members are authorized so long as notification is given to the Cooperative President, Icicle Seafoods, the Intercooperative Manager, and Sea State, Inc., the monitoring service for the Intercooperative Group.

**D. Cooperative Operations.**

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 a spreadsheet 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 2019 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, 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.

**II. SIDEBOARD FISHERY CAPS AND CATCHES.**

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, except for groundfish caught in the yellowfin sole directed fishery.

Table 4.a. shows each qualified vessel's landed and estimated discard weight for all Bering Sea groundfish species harvested in the yellowfin sole directed fishery, as well as non-groundfish catch.

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 Bering Sea directed Cod fishery.

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. PENALTY STRUCTURES.**

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 2019.

### **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. CONTACT INFORMATION.**

Questions regarding information in this report may be directed to Hunter Berns, Evening Star Fisheries, at 206-739-5617 or [hunter.berns@eveningstarfisheries.com](mailto:hunter.berns@eveningstarfisheries.com).

AGREEMENT TO PROCESS

This AGREEMENT TO PROCESS is entered into as of December 1, 2018 by Icicle Seafoods, Inc., an Alaska corporation ("Icicle"), with reference to the following facts:

A. The American Fisheries Act (the "Act") authorizes the Secretary of Commerce to reserve portions of the Bering Sea/Aleutian Islands ("BS/AI") Pollock inshore directed fishing allowance for harvesting only by members of qualifying fishery cooperatives.

B. Under the Act, a contract implementing a qualifying fishery cooperative must specify that: (i) other than as permitted under Section 210(b)(6) of the Act, the cooperative's catcher vessels will deliver Pollock in the BS/AI directed Pollock fishery only to the processor to which such vessels delivered more Pollock than to any other AFA inshore processor in the last year in which the vessels engaged in directed fishing for Pollock in the BS/AI for delivery to the inshore sector, and (ii) such processor has agreed to process such Pollock.

C. The owners of eighty percent (80%) of the catcher vessels that delivered more Pollock to the NORTHERN VICTOR processor in the last year in which the vessels engaged in directed fishing for Pollock for delivery to the inshore sector have agreed, subject to the provisions of Section 210(b)(6) of the Act and related provisions in the Northern Victor Fleet Cooperative (the "Cooperative") Membership Agreement, to deliver Pollock from the BS/AI directed pollock fishery only to the NORTHERN VICTOR processor.

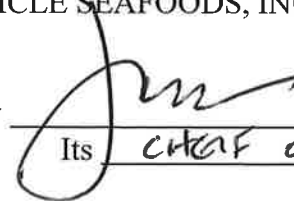
D. Icicle is willing to agree to process the BS/AI directed pollock fishery harvest of the Cooperative's members' vessels, to enable the Cooperative to obtain an allocation of BS/AI pollock under Section 210 of the Act.

Now, therefore, Icicle hereby agrees to purchase and process pollock harvested in the BS/AI directed pollock fishery by the Cooperative's members' catcher vessels, on terms and conditions to be agreed upon by and between Icicle and such vessels' owners. Icicle hereby acknowledges and agrees that, pursuant to Section 210(b)(6) of the Act and subject to provisions of the Membership Agreement, such vessels may deliver up to ten percent (10%) of the Cooperative's BS/AI pollock allocation to other qualified shoreside processors.

ICICLE SEAFOODS, INC.

By

Its



Chief Operating Officer

Table 1 - BSAI Pollock & Cod

Vessel Name	Initial Pollock Allocation	Pollock Harvest	Transfers	Cod Allocation (A + B Seasons)	Cod Harvest	Transfers
ALYESKA	7,469.91	0.00	-7,469.91	-	-	
AMERICAN EAGLE	6,563.31	9,718.09	3,154.78	563.18	295.27	
ANITA J	3,340.36	0.00	-3,340.36	58.76	-	
COLLIER BROTHERS	754.21	771.30	17.09	-	181.90	181.90
COMMODORE	7,688.38	10,228.64	2,540.26	554.33	208.85	(286.66)
GOLD RUSH	2,612.07	3,645.16	1,033.10	383.18	222.56	
HALF MOON BAY	3,330.63	5,825.09	2,494.45	404.53	432.53	28.00
HICKORY WIND	1,871.77	1,404.77	-467.00	94.30	279.81	185.51
MISS BERDIE	3,682.59	3,577.45	-105.15	177.59	-	
NORDIC FURY	441.67	1,169.94	728.27	-	-	
OCEAN HOPE 3	2,554.19	4,848.84	2,294.65	-	357.63	cod-exempt
PACIFIC FURY	353.91	0.00	-353.91	-	-	
PATRICIA L	7,535.86	10,178.59	2,642.73	372.25	295.38	76.87
PROGRESS	6,199.19	0.00	-6,199.19	-	-	
STORM PETREL	7,494.59	9,714.82	2,220.23	458.57	491.05	32.49
SUNSET BAY	3,083.09	3,405.89	322.80	409.30	191.20	(218.10)
TOTALS	64,975.75	64,488.59	(487.16)	3,476.00	2,956.18	0.00



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	10,026.94	9,718.09	53.00	131.00	299.00	4,034.00	0.00	0.00	0.00	0.00	16.00
COLLIER BROTHERS	786.42	771.30	8.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
COMMODORE	10,375.57	10,228.64	184.00	97.00	205.00	2,992.00	0.01	0.00	0.00	0.00	7.69
GOLD RUSH	3,705.30	3,645.16	10.00	27.00	47.00	578.00	0.05	0.00	0.00	0.00	8.69
HALF MOON BAY	5,911.99	5,825.09	23.00	95.00	117.00	1,234.00	0.00	0.00	0.00	0.00	14.00
HICKORY WIND	1,415.20	1,404.77	16.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
MISS BERDIE	3,610.21	3,577.45	37.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
NORDIC FURY	1,182.93	1,169.94	10.00	0.00	0.00	80.00	0.00	0.00	0.00	0.00	1.57
OCEAN HOPE 3	4,989.84	4,848.84	31.00	124.00	0.00	2,068.00	0.04	0.00	0.00	0.00	10.52
PATRICIA L	10,368.39	10,178.59	116.00	104.00	3.00	1,816.00	0.00	0.00	0.00	0.00	2.14
STORM PETREL	9,838.67	9,714.82	45.00	78.00	2.00	2,090.00	1.02	0.00	0.00	0.00	18.18
SUNSET BAY	3,465.45	3,405.89	41.00	47.00	0.00	304.00	0.02	0.00	0.00	0.00	0.16
TOTALS	65,676.90	64,488.59	574.00	703.00	677.00	15,196.00	1.14	0.00	0.00	0.00	78.95

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	321.10	295.27	8.37	0.00	4.47	0.00	27.94	0.00	0.00
COLLIER BROTHERS	195.73	181.90	1.44	0.00	2.08	0.00	100.96	0.00	0.00
COMMODORE	216.55	208.85	0.00	0.00	0.39	0.00	16.32	0.00	0.00
GOLD RUSH	233.50	222.56	0.00	0.00	2.57	0.00	49.36	0.00	0.00
HALF MOON BAY	456.83	432.53	6.37	0.00	5.68	0.00	41.34	0.00	0.00
HICKORY WIND	297.51	279.81	2.92	0.00	9.46	0.00	4.84	0.00	0.00
PATRICIA L	391.31	295.38	0.00	0.00	0.68	29.00	20.06	0.00	0.00
STORM PETREL	527.70	491.05	95.28	0.00	3.35	0.00	0.00	0.00	0.00
SUNSET BAY	206.30	191.20	3.86	0.00	3.78	0.00	6.40	0.00	0.00
TOTAL	2,846.52	2,598.55	118.24	0.00	32.47	29.00	267.20	0.00	0.00

BS Cod Exempt Vessel	Total Groundfish	Cod (mt)	Chinook (N)	Other salmon (N)	Halibut mortality (mt)	King crab (N)	Bairdi (N)	Opilio (N)	Herring (mt)
OCEAN HOPE 3	373.67	357.63	0.00	0.00	6.21	0.00	0.00	0.00	0.00

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	American Eagle	Pollock BS - A	3,565.6	21.1	3,586.7
BSAI	American Eagle	Pollock BS - B	6,131.4	0.0	6,131.4
BSAI	American Eagle	Pcod BSAI Trawl A	264.8	0.4	265.2
BSAI	American Eagle	Pcod BSAI Trawl B	67.0	0.0	67.0
BSAI	American Eagle	Pcod BSAI Trawl C	6.0	0.0	6.0
BSAI	American Eagle	Sablefish BS	25.0	3.7	28.7
BSAI	American Eagle	Mackerel BS/541	14.4	1.7	16.1
BSAI	American Eagle	Yellowfin BSAI	0.3	0.6	0.9
BSAI	American Eagle	Rocksole BSAI	3.2	2.0	5.2
BSAI	American Eagle	Turbot BS	0.0	0.0	0.0
BSAI	American Eagle	Arrowtooth BSAI	2.0	1.0	3.0
BSAI	American Eagle	Kamchatka BSAI	0.0	0.2	0.2
BSAI	American Eagle	Flathead BSAI	7.6	1.5	9.1
BSAI	American Eagle	Oflats BSAI	4.6	1.5	6.0
BSAI	American Eagle	AKPlaice BSAI	0.0	0.1	0.1
BSAI	American Eagle	POP BS	37.4	3.1	40.5
BSAI	American Eagle	Northern BSAI	0.0	0.1	0.1
BSAI	American Eagle	ORockfish BS	0.2	0.0	0.2
BSAI	American Eagle	Squid BSAI	156.8	1.3	158.1
BSAI	American Eagle	Skates BSAI	3.2	3.5	6.7
BSAI	American Eagle	Octopus BSAI	0.0	0.0	0.0
BSAI	American Eagle	Sharks BSAI	0.1	1.0	1.1
BSAI	American Eagle	Sculpins BSAI	0.3	2.0	2.3
BSAI	Collier Brothers	Pollock BS - A	755.4	15.9	771.3
BSAI	Collier Brothers	Pcod BSAI Trawl A	183.0	0.2	183.2
BSAI	Collier Brothers	Pcod BSAI Trawl B	11.1	0.0	11.2
BSAI	Collier Brothers	Yellowfin BSAI	0.0	0.3	0.3
BSAI	Collier Brothers	Rocksole BSAI	0.4	0.9	1.3
BSAI	Collier Brothers	Arrowtooth BSAI	0.0	0.6	0.7
BSAI	Collier Brothers	Kamchatka BSAI	0.0	0.1	0.1
BSAI	Collier Brothers	Flathead BSAI	1.6	0.9	2.5

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Collier Brothers	Oflats BSAI	0.2	0.4	0.6
BSAI	Collier Brothers	AKPlaice BSAI	0.0	0.1	0.1
BSAI	Collier Brothers	Skates BSAI	0.5	2.2	2.7
BSAI	Collier Brothers	Octopus BSAI	0.0	0.0	0.0
BSAI	Collier Brothers	Sharks BSAI	0.0	0.0	0.0
BSAI	Collier Brothers	Sculpins BSAI	0.0	1.1	1.1
BSAI	Commodore	Pollock BS - A	4,045.7	0.0	4,045.7
BSAI	Commodore	Pollock BS - B	6,182.9	0.0	6,182.9
BSAI	Commodore	Pcod BSAI Trawl A	232.8	0.1	232.9
BSAI	Commodore	Pcod BSAI Trawl B	4.6	0.0	4.6
BSAI	Commodore	Pcod BSAI Trawl C	17.5	0.0	17.5
BSAI	Commodore	Sablefish BS	22.9	3.4	26.4
BSAI	Commodore	Mackerel BS/541	1.3	0.0	1.3
BSAI	Commodore	Yellowfin BSAI	0.1	0.0	0.1
BSAI	Commodore	Rocksole BSAI	0.5	5.2	5.8
BSAI	Commodore	Turbot BS	0.0	0.0	0.0
BSAI	Commodore	Arrowtooth BSAI	1.3	0.3	1.6
BSAI	Commodore	Kamchatka BSAI	0.0	0.0	0.0
BSAI	Commodore	Flathead BSAI	3.1	0.4	3.4
BSAI	Commodore	Oflats BSAI	1.6	0.0	1.6
BSAI	Commodore	POP BS	51.9	2.7	54.6
BSAI	Commodore	Northern BSAI	0.0	1.1	1.1
BSAI	Commodore	ORockfish BS	0.4	0.0	0.4
BSAI	Commodore	ORockfish AI	0.0	0.1	0.1
BSAI	Commodore	Squid BSAI	5.9	1.8	7.7
BSAI	Commodore	Skates BSAI	2.4	0.1	2.5
BSAI	Commodore	Octopus BSAI	0.0	0.0	0.0
BSAI	Commodore	Sharks BSAI	0.2	1.2	1.4
BSAI	Commodore	Sculpins BSAI	0.3	0.0	0.3
BSAI	Gold Rush	Pollock BS - A	27.8	0.0	27.8
BSAI	Gold Rush	Pollock BS - B	3,617.4	0.0	3,617.4

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Gold Rush	Pcod BSAI Trawl A	210.3	0.2	210.5
BSAI	Gold Rush	Pcod BSAI Trawl B	12.1	0.0	12.1
BSAI	Gold Rush	Pcod BSAI Trawl C	3.9	0.0	3.9
BSAI	Gold Rush	Sablefish BS	4.8	1.9	6.7
BSAI	Gold Rush	Mackerel BS/541	0.0	0.0	0.0
BSAI	Gold Rush	Yellowfin BSAI	0.1	0.3	0.3
BSAI	Gold Rush	Rocksole BSAI	0.2	0.9	1.2
BSAI	Gold Rush	Arrowtooth BSAI	0.6	0.6	1.2
BSAI	Gold Rush	Kamchatka BSAI	0.0	0.1	0.1
BSAI	Gold Rush	Flathead BSAI	0.5	0.8	1.3
BSAI	Gold Rush	Oflats BSAI	0.5	0.5	1.0
BSAI	Gold Rush	AKPlaice BSAI	0.0	0.1	0.1
BSAI	Gold Rush	POP BS	27.3	1.7	28.9
BSAI	Gold Rush	Northern BSAI	0.0	0.0	0.0
BSAI	Gold Rush	ORockfish BS	0.1	0.0	0.1
BSAI	Gold Rush	Squid BSAI	16.8	1.2	18.0
BSAI	Gold Rush	Skates BSAI	0.2	2.3	2.4
BSAI	Gold Rush	Octopus BSAI	0.0	0.0	0.0
BSAI	Gold Rush	Sharks BSAI	0.0	0.5	0.6
BSAI	Gold Rush	Sculpins BSAI	0.3	1.2	1.5
BSAI	Half Moon Bay	Pollock BS - A	2,256.0	0.0	2,256.0
BSAI	Half Moon Bay	Pollock BS - B	3,569.1	0.0	3,569.1
BSAI	Half Moon Bay	Pcod BSAI Trawl A	356.5	0.3	356.9
BSAI	Half Moon Bay	Pcod BSAI Trawl B	95.4	0.0	95.4
BSAI	Half Moon Bay	Pcod BSAI Trawl C	14.8	0.0	14.8
BSAI	Half Moon Bay	Sablefish BS	11.3	1.8	13.1
BSAI	Half Moon Bay	Mackerel BS/541	3.5	0.6	4.1
BSAI	Half Moon Bay	Yellowfin BSAI	0.1	0.6	0.7
BSAI	Half Moon Bay	Rocksole BSAI	0.3	2.3	2.6
BSAI	Half Moon Bay	Arrowtooth BSAI	0.8	1.0	1.8
BSAI	Half Moon Bay	Kamchatka BSAI	0.0	0.2	0.2

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Half Moon Bay	Flathead BSAI	2.2	1.4	3.6
BSAI	Half Moon Bay	Oflats BSAI	0.3	1.9	2.2
BSAI	Half Moon Bay	AKPlaice BSAI	0.0	0.1	0.1
BSAI	Half Moon Bay	POP BS	22.4	2.6	25.0
BSAI	Half Moon Bay	Northern BSAI	0.0	0.0	0.0
BSAI	Half Moon Bay	ORockfish BS	0.6	0.0	0.6
BSAI	Half Moon Bay	Squid BSAI	3.0	0.9	4.0
BSAI	Half Moon Bay	Skates BSAI	0.9	4.0	4.9
BSAI	Half Moon Bay	Octopus BSAI	0.0	0.0	0.0
BSAI	Half Moon Bay	Sharks BSAI	0.0	0.7	0.7
BSAI	Half Moon Bay	Sculpins BSAI	0.2	2.6	2.7
BSAI	Hickory Wind	Pollock BS - A	1,391.2	13.6	1,404.8
BSAI	Hickory Wind	Pcod BSAI Trawl A	236.8	0.3	237.1
BSAI	Hickory Wind	Pcod BSAI Trawl B	50.9	0.0	50.9
BSAI	Hickory Wind	Yellowfin BSAI	0.0	0.5	0.5
BSAI	Hickory Wind	Rocksole BSAI	0.6	1.6	2.2
BSAI	Hickory Wind	Arrowtooth BSAI	0.1	0.8	0.9
BSAI	Hickory Wind	Kamchatka BSAI	0.0	0.2	0.2
BSAI	Hickory Wind	Flathead BSAI	1.3	1.2	2.5
BSAI	Hickory Wind	Oflats BSAI	0.0	1.2	1.2
BSAI	Hickory Wind	AKPlaice BSAI	0.0	0.1	0.1
BSAI	Hickory Wind	Skates BSAI	0.2	3.0	3.2
BSAI	Hickory Wind	Octopus BSAI	0.0	0.0	0.0
BSAI	Hickory Wind	Sharks BSAI	0.0	0.0	0.0
BSAI	Hickory Wind	Sculpins BSAI	0.0	1.7	1.7
BSAI	Miss Berdie	Pollock BS - A	3,575.6	1.8	3,577.4
BSAI	Miss Berdie	Pcod BSAI Trawl A	22.2	0.0	22.2
BSAI	Miss Berdie	Pcod BSAI Trawl B	6.7	0.0	6.7
BSAI	Miss Berdie	Mackerel BS/541	0.0	0.0	0.0
BSAI	Miss Berdie	Rocksole BSAI	0.9	0.0	0.9
BSAI	Miss Berdie	Arrowtooth BSAI	0.1	0.0	0.1

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Miss Berdie	Flathead BSAI	2.2	0.0	2.2
BSAI	Miss Berdie	ORockfish BS	0.0	0.0	0.0
BSAI	Miss Berdie	Skates BSAI	0.5	0.0	0.5
BSAI	Miss Berdie	Sharks BSAI	0.0	0.0	0.0
BSAI	Miss Berdie	Sculpins BSAI	0.0	0.0	0.0
BSAI	Nordic Fury	Pollock BS - A	190.3	0.0	190.3
BSAI	Nordic Fury	Pollock BS - B	979.7	0.0	979.7
BSAI	Nordic Fury	Pcod BSAI Trawl A	2.7	0.0	2.7
BSAI	Nordic Fury	Pcod BSAI Trawl C	1.4	0.0	1.4
BSAI	Nordic Fury	Sablefish BS	3.0	0.5	3.5
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	Rocksole BSAI	0.0	0.0	0.0
BSAI	Nordic Fury	Turbot BS	0.0	0.0	0.0
BSAI	Nordic Fury	Arrowtooth BSAI	0.1	0.0	0.1
BSAI	Nordic Fury	Flathead BSAI	0.0	0.0	0.0
BSAI	Nordic Fury	Oflats BSAI	0.1	0.0	0.1
BSAI	Nordic Fury	POP BS	3.5	0.3	3.8
BSAI	Nordic Fury	Northern BSAI	0.0	0.0	0.0
BSAI	Nordic Fury	ORockfish BS	0.0	0.0	0.0
BSAI	Nordic Fury	Squid BSAI	0.9	0.4	1.3
BSAI	Nordic Fury	Skates BSAI	0.0	0.0	0.0
BSAI	Nordic Fury	Sharks BSAI	0.0	0.0	0.0
BSAI	Nordic Fury	Sculpins BSAI	0.0	0.0	0.0
BSAI	Ocean Hope 3	Pollock BS - A	1,454.5	0.0	1,454.5
BSAI	Ocean Hope 3	Pollock BS - B	3,394.3	0.0	3,394.3
BSAI	Ocean Hope 3	Pcod BSAI Trawl A	268.3	0.3	268.6
BSAI	Ocean Hope 3	Pcod BSAI Trawl B	110.1	0.0	110.1
BSAI	Ocean Hope 3	Pcod BSAI Trawl C	15.6	0.0	15.6
BSAI	Ocean Hope 3	Sablefish BS	27.0	2.2	29.3
BSAI	Ocean Hope 3	Mackerel BS/541	13.6	0.0	13.6

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Ocean Hope 3	Yellowfin BSAI	0.1	0.6	0.6
BSAI	Ocean Hope 3	Rocksole BSAI	0.2	2.1	2.3
BSAI	Ocean Hope 3	Arrowtooth BSAI	0.4	0.8	1.2
BSAI	Ocean Hope 3	Kamchatka BSAI	0.0	0.1	0.1
BSAI	Ocean Hope 3	Flathead BSAI	0.4	1.1	1.6
BSAI	Ocean Hope 3	Oflats BSAI	0.4	1.9	2.3
BSAI	Ocean Hope 3	AKPlaice BSAI	0.0	0.1	0.1
BSAI	Ocean Hope 3	POP BS	42.7	2.1	44.7
BSAI	Ocean Hope 3	Northern BSAI	0.0	0.0	0.0
BSAI	Ocean Hope 3	ORockfish BS	0.9	0.0	0.9
BSAI	Ocean Hope 3	Squid BSAI	12.7	0.8	13.5
BSAI	Ocean Hope 3	Skates BSAI	0.4	3.2	3.6
BSAI	Ocean Hope 3	Octopus BSAI	0.0	0.0	0.0
BSAI	Ocean Hope 3	Sharks BSAI	0.0	0.4	0.4
BSAI	Ocean Hope 3	Sculpins BSAI	0.1	2.2	2.3
BSAI	Patricia L	Pollock BS - A	4,018.4	0.0	4,018.4
BSAI	Patricia L	Pollock BS - B	6,160.2	0.0	6,160.2
BSAI	Patricia L	Pcod BSAI Trawl A	203.5	0.1	203.6
BSAI	Patricia L	Pcod BSAI Trawl B	115.9	0.0	116.0
BSAI	Patricia L	Pcod BSAI Trawl C	20.3	0.0	20.3
BSAI	Patricia L	Sablefish BS	30.9	2.5	33.4
BSAI	Patricia L	Mackerel BS/541	12.8	1.6	14.5
BSAI	Patricia L	Yellowfin BSAI	0.2	0.2	0.4
BSAI	Patricia L	Rocksole BSAI	1.7	5.2	6.9
BSAI	Patricia L	Arrowtooth BSAI	2.7	0.3	3.0
BSAI	Patricia L	Kamchatka BSAI	0.0	0.0	0.0
BSAI	Patricia L	Flathead BSAI	10.0	0.3	10.3
BSAI	Patricia L	Oflats BSAI	1.4	1.5	2.9
BSAI	Patricia L	AKPlaice BSAI	0.0	0.0	0.0
BSAI	Patricia L	POP BS	35.6	2.3	37.9
BSAI	Patricia L	Northern BSAI	0.0	0.9	0.9



Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Patricia L	ORockfish BS	0.7	0.0	0.7
BSAI	Patricia L	ORockfish AI	0.0	0.1	0.1
BSAI	Patricia L	Squid BSAI	13.3	1.8	15.1
BSAI	Patricia L	Skates BSAI	5.2	0.5	5.7
BSAI	Patricia L	Octopus BSAI	0.0	0.0	0.0
BSAI	Patricia L	Sharks BSAI	0.2	1.0	1.2
BSAI	Patricia L	Sculpins BSAI	0.3	0.9	1.2
BSAI	Storm Petrel	Pollock BS - A	3,602.9	0.0	3,602.9
BSAI	Storm Petrel	Pollock BS - B	6,111.9	0.0	6,111.9
BSAI	Storm Petrel	Pcod BSAI Trawl A	370.2	0.4	370.6
BSAI	Storm Petrel	Pcod BSAI Trawl B	156.5	0.0	156.5
BSAI	Storm Petrel	Pcod BSAI Trawl C	12.6	0.0	12.6
BSAI	Storm Petrel	Sablefish BS	9.1	2.6	11.6
BSAI	Storm Petrel	Mackerel BS/541	1.5	0.0	1.5
BSAI	Storm Petrel	Yellowfin BSAI	0.1	0.8	0.9
BSAI	Storm Petrel	Rocksole BSAI	3.0	3.2	6.2
BSAI	Storm Petrel	Arrowtooth BSAI	1.0	1.2	2.3
BSAI	Storm Petrel	Kamchatka BSAI	0.0	0.2	0.2
BSAI	Storm Petrel	Flathead BSAI	2.0	1.7	3.7
BSAI	Storm Petrel	Oflats BSAI	2.5	2.8	5.3
BSAI	Storm Petrel	AKPlaice BSAI	0.0	0.1	0.1
BSAI	Storm Petrel	POP BS	22.1	2.8	24.9
BSAI	Storm Petrel	Northern BSAI	0.0	0.0	0.0
BSAI	Storm Petrel	ORockfish BS	0.3	0.0	0.3
BSAI	Storm Petrel	Squid BSAI	23.9	2.2	26.1
BSAI	Storm Petrel	Skates BSAI	2.4	4.7	7.0
BSAI	Storm Petrel	Octopus BSAI	0.0	0.0	0.0
BSAI	Storm Petrel	Sharks BSAI	0.1	1.2	1.2
BSAI	Storm Petrel	Sculpins BSAI	0.1	3.2	3.3
BSAI	Sunset Bay	Pollock BS - A	2,127.0	0.0	2,127.0
BSAI	Sunset Bay	Pollock BS - B	1,276.7	2.3	1,278.9

Table 4 - BSAI by Vessel

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Sunset Bay	Pcod BSAI Trawl A	205.1	0.3	205.3
BSAI	Sunset Bay	Pcod BSAI Trawl B	7.2	0.0	7.2
BSAI	Sunset Bay	Pcod BSAI Trawl C	2.6	0.0	2.6
BSAI	Sunset Bay	Sablefish BS	3.6	0.1	3.7
BSAI	Sunset Bay	Mackerel BS/541	6.0	3.2	9.2
BSAI	Sunset Bay	Yellowfin BSAI	0.0	0.3	0.3
BSAI	Sunset Bay	Rocksole BSAI	1.2	1.0	2.2
BSAI	Sunset Bay	Arrowtooth BSAI	0.3	0.7	1.1
BSAI	Sunset Bay	Kamchatka BSAI	0.0	0.1	0.1
BSAI	Sunset Bay	Flathead BSAI	2.9	1.1	4.0
BSAI	Sunset Bay	Oflats BSAI	0.5	0.5	1.0
BSAI	Sunset Bay	AKPlaice BSAI	0.0	0.1	0.1
BSAI	Sunset Bay	POP BS	13.2	0.9	14.1
BSAI	Sunset Bay	Northern BSAI	0.0	0.0	0.0
BSAI	Sunset Bay	ORockfish BS	1.0	0.0	1.0
BSAI	Sunset Bay	Squid BSAI	1.2	0.1	1.3
BSAI	Sunset Bay	Skates BSAI	0.8	2.5	3.2
BSAI	Sunset Bay	Octopus BSAI	0.0	0.0	0.0
BSAI	Sunset Bay	Sharks BSAI	0.1	0.5	0.6
BSAI	Sunset Bay	Sculpins BSAI	0.1	1.2	1.2

Table 4.a. - BSAI Yellowfin Sole Directed Fishery

FMP Area	Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
BSAI	Patricia L	Pollock BS - ICA	6.868	0.644	7.512
BSAI	Patricia L	Pcod BSAI Trawl A	15.155	5.852	21.007
BSAI	Patricia L	Yellowfin BSAI	51.757	0.000	51.757
BSAI	Patricia L	Rocksole BSAI	14.019	0.000	14.019
BSAI	Patricia L	Arrowtooth BSAI	0.006	0.000	0.006
BSAI	Patricia L	Flathead BSAI	0.366	0.000	0.366
BSAI	Patricia L	Oflats BSAI	0.034	2.661	2.695
BSAI	Patricia L	AKPlaice BSAI	6.174	0.000	6.174
BSAI	Patricia L	Skates BSAI	0.000	0.072	0.072
BSAI	Patricia L	Sculpins BSAI	0.000	2.737	2.737
BSAI	Patricia L	Total	94.378	11.967	106.345
BSAI	Patricia L	Chinook BSAI	0.000		0.000
BSAI	Patricia L	OtherSalmon BSAI	0.000		0.000
BSAI	Patricia L	Halibut BSAI	0.000		0.282
BSAI	Patricia L	Zone 1 Red king crab	0.000		29.000
BSAI	Patricia L	Opilio BSAI - not COBLZ	0.000		0.000
BSAI	Patricia L	Bairdi BSAI Zone 1	0.000		0.000
BSAI	Patricia L	OTanner BSAI	0.000		0.000
BSAI	Patricia L	Steelhead BSAI	0.000		0.000
BSAI	Patricia L	Oking BSAI	0.000		0.000
BSAI	Patricia L	Herring BSAI	0.000		0.000

**Table 5 - BSAI Summary**

Quota Category	Landed Amount	Estimated Discard	Total Catch
Pollock BS - A	27,010.3	52.4	27,062.7
Pollock BS - B	37,423.6	2.3	37,425.8
Pollock BS - ICA	6.868	0.644	7.512
Pcod BSAI Trawl A	2,571.6	8.5	2,559.0
Pcod BSAI Trawl B	637.6	0.1	658.8
Pcod BSAI Trawl C	94.5	0.0	94.5
Sablefish BS	137.6	18.8	156.4
Mackerel BS/541	53.2	7.1	60.3
Yellowfin BSAI	52.7	4.2	56.9
Rocksole BSAI	26.3	24.5	50.8
Turbot BS	0.0	0.0	0.0
Arrowtooth BSAI	9.4	7.4	16.9
Kamchatka BSAI	0.0	1.3	1.3
Flathead BSAI	34.2	10.4	44.7
Oflats BSAI	12.2	14.7	26.9
AKPlaice BSAI	6.2	0.7	6.8
POP BS	256.2	18.4	274.6
Northern BSAI	0.0	2.2	2.2
ORockfish BS	4.2	0.0	4.2
ORockfish AI	0.0	0.2	0.2
Squid BSAI	234.4	10.5	244.9
Skates BSAI	16.7	26.0	42.6
Octopus BSAI	0.0	0.0	0.0
Sharks BSAI	0.7	6.6	7.3
Sculpins BSAI	1.6	18.7	20.4
Chinook BSAI	0.0	118.2	118.2
OtherSalmon BSAI	15,913.0	0.0	15,913.0
BSAI Chinook A	574.0	0.0	574.0
Halibut BSAI	0.0	39.5	39.5
BSAI Chinook B	703.0	0.0	703.0
Zone 1 Red king crab	0.0	0.0	0.0
Red king crab (not Z1)	0.0	0.0	0.0
Opilio BSAI - not COBLZ	0.0	54.6	54.6
Bairdi BSAI Zone 1	0.0	181.5	181.5
Bairdi BSAI Zone 2	0.0	49.4	49.4
BSAI BAIRDI	0.0	36.4	36.4
OTanner BSAI	0.0	0.0	0.0
Steelhead BSAI	0.0	0.0	0.0
Oking BSAI	0.0	0.0	0.0
Herring BSAI	0.0	79.0	79.0

Table 6 - GOA Pollock Sideboard Allocations

Season	Area		
	610	620	630
A	44.00	793.00	238.00
B	44.00	931.00	110.00
C	604.00	287.00	365.00
D	604.00	287.00	365.00
Sub-totals	1,296.00	2,298.00	1,078.00
Grand Total	4,672.00		

Table 7 - GOA Pollock

Vessel	Total Groundfish (mt)	Pollock (mt)	Chinook (N)	Other salmon (N)	Halibut mortality (mt)	King crab (N)	Bairdi (N)	Opilio (N)	Herring (mt)
HALF MOON BAY	778.53	766.43	79.26	30.14	0.00	0.00	0.00	0.00	1.09
SUNSET BAY	633.12	615.15	46.22	7.76	0.00	0.00	0.00	0.00	1.64
Total	1,411.65	1,381.57	125.48	37.90	0.00	0.00	0.00	0.00	2.73

Table 8 - GOA by Vessel

Vessel	Group/Description	Landed Amount	Estimated Discard	Total Catch
Half Moon Bay	Pollock Central GOA 620 - B	227.0	1.7	228.7
Half Moon Bay	Pollock Central GOA 620 - C	41.0	0.0	41.0
Half Moon Bay	Pollock Central GOA 620 - D	224.4	2.0	226.4
Half Moon Bay	Pollock Central GOA 630 - C	270.2	0.0	270.2
Half Moon Bay	Pcod Central GOA	1.3	0.0	1.3
Half Moon Bay	Sablefish Central GOA	0.0	0.0	0.0
Half Moon Bay	Arrowtooth Central GOA	4.5	0.0	4.5
Half Moon Bay	Flathead Central GOA	0.2	0.0	0.2
Half Moon Bay	Rex Central GOA	0.2	0.0	0.2
Half Moon Bay	Sharks Gulf wide	0.0	0.0	0.0
Half Moon Bay	DSR Central GOA	0.0	0.0	0.0
Half Moon Bay	PSR Central GOA	0.0	0.0	0.0
Half Moon Bay	Shortraker Central GOA	0.4	0.0	0.4
Half Moon Bay	Rougheye Central GOA	0.1	0.0	0.1
Half Moon Bay	POP Central GOA	3.4	1.8	5.2
Half Moon Bay	Squid Gulf wide	0.0	0.0	0.0
Sunset Bay	Pollock Central GOA 620 - A	257.4	1.3	258.6
Sunset Bay	Pollock Central GOA 620 - C	22.4	0.0	22.4
Sunset Bay	Pollock Central GOA 630 - C	334.1	0.0	334.1
Sunset Bay	Pcod Central GOA	0.8	0.0	0.8
Sunset Bay	Sablefish Central GOA	0.0	0.0	0.1
Sunset Bay	Mackerel Gulf wide	1.9	0.1	2.0
Sunset Bay	Arrowtooth Central GOA	2.5	0.3	2.7
Sunset Bay	Flathead Central GOA	0.2	0.1	0.3
Sunset Bay	Deepflats Central GOA	0.0	0.2	0.2
Sunset Bay	Rex Central GOA	0.1	0.0	0.1
Sunset Bay	Octopus Gulf wide	0.0	0.0	0.0
Sunset Bay	Sharks Gulf wide	0.1	0.0	0.1
Sunset Bay	PSR Central GOA	0.0	0.0	0.0
Sunset Bay	Slope Central GOA	0.0	0.1	0.1
Sunset Bay	POP Central GOA	10.2	1.3	11.5
Sunset Bay	Northern Central GOA	0.0	0.0	0.0
Sunset Bay	Squid Gulf wide	0.0	0.0	0.0
Sunset Bay	OtherSkate Central GOA	0.0	0.0	0.0

Table 9 - GOA Summary

Group/Description	Landed Amount	Estimated Discard	Total Catch
Pollock Central GOA 620 - A	257.37	1.27	258.64
Pollock Central GOA 620 - B	227.04	1.66	228.70
Pollock Central GOA 620 - C	63.48	0.00	63.48
Pollock Central GOA 620 - D	224.42	2.02	226.44
Pollock Central GOA 630 - C	604.31	0.00	604.31
Pcod Central GOA	2.17	0.00	2.17
Sablefish Central GOA	0.00	0.05	0.05
Mackerel Gulf wide	1.87	0.11	1.97
Arrowtooth Central GOA	6.99	0.29	7.28
Flathead Central GOA	0.45	0.08	0.54
Deepflats Central GOA	0.00	0.16	0.16
Rex Central GOA	0.34	0.01	0.35
Octopus Gulf wide	0.00	0.01	0.01
Sharks Gulf wide	0.13	0.04	0.17
DSR Central GOA	0.00	0.00	0.00
PSR Central GOA	0.05	0.00	0.05
Shortraker Central GOA	0.42	0.00	0.42
Rougheye Central GOA	0.10	0.00	0.10
Slope Central GOA	0.00	0.07	0.07
POP Central GOA	13.60	3.13	16.73
Northern Central GOA	0.00	0.00	0.00
Squid Gulf wide	0.04	0.00	0.04
Other Skate Central GOA	0.01	0.00	0.01



Table 10 - Salmon Bycatch

"A" Season Chinook	"B" Season Chinook	"A" Season Other Salmon	"B" Season Other Salmon
574	703	677	15,196