

2018

ANNUAL REPORT FOR THE UNALASKA FLEET  
COOPERATIVE

PRESENTED TO THE NORTH PACIFIC FISHERIES MANAGEMENT COUNCIL

MARCH 31, 2019

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# I. INTRODUCTION

The 1998 American Fisheries Act (AFA) allowed for the rationalization of the Bering Sea Pollock fishery by providing an avenue for the creation of cooperatives, and thus the Unalaska Fleet Cooperative (UFC) . The cooperative structure serves to eliminate the ‘race for fish’ and promote efficiency, economic stability, and safety for participants. The Unalaska Fleet Cooperative was formed in December of 1999 with the objective of creating flexible fishing strategies to reduce bycatch and maximize the utilization of all species in a fishery.

In compliance with AFA regulations, the Unalaska Fleet Cooperative submits this report as a summary of harvest and performance for the 2018 fishing season.

Catch figures are compiled from actual fish ticket information and are included in sections III (AFA Pollock) and IV (Sideboards) in both the Bering Sea and Gulf of Alaska. Included under Section III are tables which list the distribution and catch of AFA Pollock and prohibited species catch (PSC) on a vessel by vessel basis as well as any associated contract fishing and transfer schedules. Section IV of this report lists sideboard allocations for the Bering Sea and Gulf of Alaska. The included tables show directed fishery participation and associated PSC on a per vessel basis as well as aggregate groundfish bycatch. Participation from exempt vessels in the Gulf of Alaska is not included in this report.

# II. UNALASKA FLEET COOPERATIVE

## A. Membership

In accordance with the American Fisheries Act section 2 (10)(b), management representing nine catcher vessels signed the Unalaska Fleet Cooperative Membership Agreement (Exhibit 1) (Attachment 1) in association with Alyeska Seafoods Inc. for the 2018 fishing year. In turn, vessels receive a specific allocation of pollock in the Bering Sea and Aleutian Islands according to their historical catch in 1995,1996, and 1997 as published in 50 CFR 679 Table 47C. Through improved fleet monitoring, pooling of resources, and use of the latest technology, co-op members strive to reduce bycatch and increase target species utilization, thereby allowing for a safer and more efficient operations.

The F/V Leslie Lee left the Unalaska Fleet Cooperative after B season in 2017 due to a change in their ownership. It should also be noted that the F/V Morning Star changed their name to the F/V Northern Defender after A season of 2018. They will be referred to as the Northern Defender throughout the remainder of this report.

MEMBER	VESSEL	LOA	AFA PERMIT #	SIDEBOARD STATUS
Alaska Rose, Alaska LLC	Alaska Rose	124'	515	Non exempt
Bering Rose, Alaska LLC	Bering Rose	124'	516	Non exempt
Destination , Alaska LLC	Destination	180'	3988	Non exempt
Great Pacific, Alaska LLC	Great Pacific	124'	511	Non exempt
Sea Wolf, Alaska LLC	Sea Wolf	143'	1652	Non exempt
Dona Martita LLC*	Morning Star / Northern Defender	148'	208	Non exempt
Vanguard Partnership	Vanguard	98'	519	BSAI Cod - Mothership
F/V Western Dawn, LLC	Western Dawn	113'	134	BSAI Cod - Mothership
Ms Amy and Messiah, Alaska LLC	Messiah	83'	6081	BSAI Cod - Exempt

\* The F/V Morning Star vessel name changed to the F/V Northern Defender after between the A and B seasons in 2018. It will be referred to as the F/V Northern Defender for the remainder of this report.

## B. Co-op Management

The Co-op contracted a manager to assist in the implementation of fishing strategies which maximize resource utilization, bycatch reduction, and promote safety within the fishery. The manager relayed information between member vessels and Alyeska Seafoods Inc. regarding allocations, transfers, pollock catches, sideboard catches, and PSC. The manager distributed pollock allocations using vessel inshore percentages as published by NMFS and set seasonal and area caps to meet NMFS regulations for Stellar Sea Lions.

As part of our goal to reduce salmon bycatch, member vessels participate in both the Salmon Savings Incentive Plan Agreement (SSIP) and the Rolling Hotspot Closure System within the Intercooperative Agreement (ICA). The co-op manager facilitates compliance with the guidelines set forth in these programs by providing the fleet with the most up to date information made available from our own records and fleet wide data from Sea State Inc. Please refer to section V of this report for further information on member vessel compliance within each of these programs.

As part of our goal for improved utilization, the co-op manager files transfer agreements between members within the co-op, as well as Amendment 69 contract fishing documents for harvest by members outside of our co-op. The F/V Bering Defender, F/V Alaskan Defender, and F/V Commodore contracted with UFC and delivered a total of 1,394 MT of pollock from the BSAI during 2018. The F/V Sea Wolf was the only UFC member contracted to deliver outside the coop for 2018. They landed 499 MT of pollock from the BSAI to the Northern Victor Cooperative (Exhibit 5). All Pollock landings during the 2018 fishing season were made within the state of Alaska.

### III. AFA Pollock

#### A. Allocation of Bering Sea Pollock

The total 2018 TAC for Pollock was set at 1,383,341 MT, of which 1,378,441 MT was allocated to the Bering Sea and 4,900 MT to the Aleutian Islands. The Incidental Catch Allowance (ICA) of 3.7% was calculated after subtracting the CDQ DFA of 10% from the TAC. The remainder is then divided among the AFA inshore, offshore, and mothership fleets (Exhibit 2).

EXHIBIT 2. 2018 Allocation of Pollock TAC to Directed Pollock Fisheries and CDQ Directed Fishing Allowances (MT) in the Bering Sea

TAC	1,378,441
CDQ	138,334
INCIDENTAL CATCH ALLOWANCE (ICA)	45,388
* OFFSHORE - 40%	477,888
* MOTHERSHIP - 10%	119,472
*INSHORE - 50%	597,359

\* Amounts calculated after deductions for CDQ and ICA

TAC and directed fisheries allowances are as listed at:

[https://alaskafisheries.noaa.gov/sites/default/files/18\\_19bsaitable4.pdf](https://alaskafisheries.noaa.gov/sites/default/files/18_19bsaitable4.pdf)



## B. Allocation of Bering Sea Pollock to the Inshore Cooperatives

Seven cooperatives comprised the inshore sector in 2018. There was one vessel participating in Open Access this year. The allocation to each cooperative is based on the sum of each of its member's individual allocations, which was based upon catch from the best two of three years 1995-1997.

EXHIBIT 3. Percent Distribution of Inshore Pollock Allocation between the seven inshore AFA Pollock Cooperatives

<b>COOPERATIVE</b>	<b>% of INSHORE ALLOCATION</b>	<b>2018 FINAL ALLOCATIONS (MT)</b>
Akutan Catcher Vessel Association	33.240%	198,562
Arctic Enterprise Association	0.000%	-
Northern Victor Cooperative	10.605%	63,350
Peter Pan Cooperative	1.651%	9,862
Unalaska Fleet Cooperative	11.454%	68,419
Unisea Fleet Cooperative	22.094%	131,980
Westward Fleet Cooperative	19.380%	115,768
Open Access	1.576%	9,414
<b>TOTAL</b>	<b>100.000%</b>	<b>597,356</b>

Inshore cooperative allocations are listed at:

<https://alaskafisheries.noaa.gov/sites/default/files/reports/18bsaicoopallocations.pdf>

## C. UFC Member Vessel Initial Pollock Allocations

Vessels in the cooperative received initial allocations based on their catch histories in the best two of three years in 1995-1997. UFC member vessels initial allocation of AFA Pollock totaled 68,419 MT. Allocations are expressed as percentage of the inshore AFA CV fleet, percentage within the co-op, and in tonnage. There was one change to the vessel distributions resulting from the removal of the F/V Leslie Lee from the coop (Exhibit 4).

EXHIBIT 4. UFC Member Vessel Initial BSAI Pollock Allocations Expressed as Inshore Percentages, Co-op Percentages, and in MT for 2018

<b>VESSEL</b>	<b>INSHORE %</b>	<b>COOP %</b>	<b>2018 MT</b>
Alaska Rose	1.6835%	14.6984%	10,056.5388
Bering Rose	1.7238%	15.0503%	10,297.2744
Destination	2.1528%	18.7958%	12,859.9446
Great Pacific	1.2361%	10.7922%	7,383.9546
Messiah	0.7173%	6.2627%	4,284.8561
Northern Defender	1.9728%	17.2243%	11,784.6984
Sea Wolf	1.5156%	13.2325%	9,053.5730
Vanguard	0.0565%	0.4933%	337.5078
Western Dawn	0.3952%	3.4504%	2,360.7628
<b>TOTAL*</b>	<b>11.4536%</b>	<b>100.0000%</b>	<b>68,419</b>

\* The F/V Leslie Lee left the coop after B season 2017 and the coop allocation decreased from 12.0016% to 11.4536%

## D.UFC Intra Cooperative Transfers, Contract Fishing, and Harvest of Directed Pollock

Transfer agreements were negotiated among members of the co-op to increase efficiency and maximize resource utilization. The co-op manager was responsible for filing these transfers with Intra cooperative Manager, in addition to preparing documents outlining the transfer. The F/V Messiah did not participate in the directed Pollock fishery during 2018 and transferred nearly all of their allocation to other member vessels. The F/V Sea Wolf harvested 499 MT of BSAI pollock for the Northern Victor Cooperative under Amendment 69, and the coop contracted the F/V Alaskan Defender, F/V Bering Defender, and F/V Commodore to harvest 1,394 MT of pollock in 2018 (Exhibit 5)(Exhibit 6). All landings were made within the state of Alaska.

EXHIBIT 5. 2018 UFC BSAI Pollock Contract Fishing Schedule

VESSEL	CONTRACTING COOPERATIVE	HOME COOPERATIVE	DELIVERY LOCATION	CONTRACT AMOUNT (MT)	HARVEST AMOUNT (MT)
Sea Wolf	Northern Victor	UFC	Northern Victor	600.00	499.40
Commodore	UFC	Northern Victor	Northern Victor	100.00	30.91
Alaskan Defender	UFC	Westward	Alyeska	3,236.00	1,114.13
Bering Defender	UFC	Westward	Westward	700.00	249.10
<b>Total Contract Fishing for UFC</b>				<b>4,036.00</b>	<b>1,394.14</b>
<b>Total Contract Fishing by UFC Vessels</b>				<b>600.00</b>	<b>499.40</b>

EXHIBIT 6. 2018 UFC Member Vessel Directed Bering Sea Pollock Allocations, Intra Cooperative Transfers, Contract Fishing, Directed Harvest and Discards

VESSEL	2018 MT	CO-OP TRANSFERS	CONTRACT FISHING	A SEASON HARVEST	B SEASON HARVEST	TOTAL DISCARDS	TOTAL HARVEST	REMAINING ALLOCATION
Alaskan Defender (Am 69)	-	1,457.29	1,457.29	-	-	-	1,457.29	-
Alaska Rose	10,056.54	984.33	-	5,270.18	5,770.70	-	11,040.88	-
Bering Defender (Am 69)	-	249.10	249.10	-	-	-	249.10	-
Bering Rose	10,297.27	1,403.21	-	5,444.75	6,251.21	4.54	11,700.49	-
Commodore (Am 69)	-	30.91	30.91	-	-	-	30.91	-
Destination	12,859.94	1,665.84	-	5,864.67	8,660.22	0.91	14,525.80	-
Great Pacific	7,383.95	440.59	-	3,668.99	4,155.56	-	7,824.55	-
Messiah	4,284.86	(4,284.86)	-	-	-	-	-	-
Northern Defender	11,784.70	(1,682.45)	-	4,532.53	5,559.73	10.00	10,102.26	-
Sea Wolf	9,053.57	1,326.22	-	4,260.25	6,119.55	-	10,379.80	-
Vanguard	337.51	(335.29)	-	-	-	-	-	2.22
Western Dawn	2,360.76	(1,254.90)	-	816.94	278.97	-	1,095.91	9.96
<b>TOTAL</b>	<b>68,419.11</b>	<b>-</b>	<b>1,737.30</b>	<b>29,858.31</b>	<b>36,795.94</b>	<b>15.44</b>	<b>68,406.99</b>	<b>12.12</b>

Quotas were managed in pounds to facilitate the reconciliation of numbers with fish ticket information. Differences are due to rounding errors in repeated conversion of weights from pounds to metric tons and back.

## E. UFC AFA Directed Pollock Fishery Catch and Bycatch

Using the most up to date bycatch information from Sea State Inc., as well as historic migration patterns of both PSC and pollock, the co-op manager worked with member vessels and Alyeska Seafoods Inc. to develop a fishing plan that helped achieve their goals for the 2018 fishing season.

UFC directed Pollock catch for 2018 totaled 68,407 MT (Exhibit 6)(Exhibit 7). UFC Pollock deliveries represented 99.98% of their allocation. All deliveries were landed in the state of Alaska.

With the passage of Amendment 84 (the salmon bycatch ICA) , salmon avoidance was made a priority by establishing additional reporting requirements and promoting vessel-level accountability. UFC members have participated in both the SSIP and Chum RHS agreements, which use fleet wide catch data to advise vessels of high salmon bycatch areas. In 2018 these agreements were combined into a singular salmon bycatch avoidance plan. As required by the SSIP, all members of the co-op use salmon excluders and follow protocols to promote salmon escapement. The revised SSIP does not include a ‘Dirty 20’ list and will no longer be included in this report. No members of our co-op were in violation of salmon closures and Exhibit 8 reflects UFC salmon bycatch in 2018. Further information regarding the effectiveness of these programs will be made available in the Inshore Salmon Savings Incentive Plan Agreement annual report.

EXHIBIT 7. 2018 UFC Directed Bering Sea Pollock Catch and Bycatch

Vessel	Harvested Pollock (MT)	Other	Herring (MT)	Halibut	Red King Crab #	Tanner #	Chinook Bairdi #	Chinook #	Other Salmon #
		Groundfish (MT)		Mortality (MT)					
Alaskan Defender (Am 69)	1,457.29	27.42	-	0.03	-	-	-	9	-
Alaska Rose	11,040.88	51.81	3.59	0.17	-	1	6	109	3,810
Bering Defender (Am 69)	249.10	2.64	0.00	0.00	-	-	-	-	-
Bering Rose	11,700.49	199.16	1.53	0.57	2	7	12	139	3,354
Commodore (Am 69)	30.91	1.23	-	-	-	-	-	1	-
Destination	14,525.80	160.67	6.83	1.39	1	1	1	113	2,852
Great Pacific	7,824.55	73.90	0.38	0.13	-	-	-	37	1,822
Messiah	-	-	-	-	-	-	-	-	-
Northern Defender	10,102.26	50.94	0.62	0.19	-	-	-	116	845
Sea Wolf	10,379.80	85.68	12.12	1.16	-	-	1	76	3,568
Vanguard	-	-	-	-	-	-	-	-	-
Western Dawn	1,095.91	10.86	0.02	0.00	-	-	-	4	285
<b>TOTAL</b>	<b>68,406.99</b>	<b>664.31</b>	<b>25.09</b>	<b>3.64</b>	<b>3</b>	<b>9</b>	<b>20</b>	<b>604</b>	<b>16,536</b>

All catch totals are derived from fish tickets in UFC and include all catch landed as well as discard at sea.

EXHIBIT 8. UFC 2018 Salmon Bycatch by Season in the Directed Bering Sea Pollock Fishery\*

Vessel	CHINOOK		CHUM	
	A Season	B Season	A Season	B Season
	#	#	#	#
Alaskan Defender (Am 69)	1	8	-	29
Alaska Rose	78	31	2	3,808
Bering Defender (Am 69)	-	-	-	-
Bering Rose	80	59	2	3,352
Commodore (Am 69)	-	1	-	18
Destination	80	33	2	2,848
Great Pacific	28	9	-	1,822
Messiah	-	-	-	-
Northern Defender	84	32	2	843
Sea Wolf	56	20	-	3,567
Vanguard	-	-	-	-
Western Dawn	3	1	1	284
<b>TOTAL</b>	<b>410</b>	<b>194</b>	<b>9</b>	<b>16,571</b>

\* the SSIP was revised in 2017 and eliminated the creation of Dirty 20 lists on a weekly basis.

## IV. Sideboard Limits, Allocations, and Catch

In response to the laws of the AFA, the North Pacific Fisheries Management Council established sideboard species caps for the GOA and BSAI, which restricted harvest by AFA catcher vessels to historic levels with a few exceptions. Vessels would be exempt from the BSAI Pacific Cod sideboard limit (BSAI Cod-exempt) if they met the following: less than 125' LOA, with more than 30 deliveries of BSAI P. cod, and less than 1,700 MT of BSAI Pollock landed during 1995-1997. In addition, vessels could be exempt from GOA sideboard limits (Gulf-exempt) if they met the following: less than 125' LOA, with more than 40 deliveries of GOA groundfish, and less than 1,700 MT of BSAI Pollock during 1995-1997. Sideboard caps are issued as an aggregate for all AFA catcher vessels and are further allocated to individual cooperatives within the Intercooperative Agreement (ICA). The AFA requires that all sideboard species harvested, whether target catch or bycatch, be accounted for and reported in final harvest specifications.

UFC members exhibited a wide range of fishery participation during the qualifying years for sideboard allocations and their status can be found in Exhibit 1. Participation in the BSAI directed Pacific Cod sideboard fishery by dually qualified vessels ( F/V Vanguard and F/V Western Dawn) is represented in the annual report of the Mothership Fleet Cooperative.

## A. BSAI Sideboard Limits, Intercooperative Transfers, and Directed Catch

According to regulation, directed fishing of sideboard species in the BSAI is prohibited except for Pacific Cod and Yellowfin sole. Only Pacific Cod was further allocated to UFC in 2018 for a total of 2,611 MT. In 2018, 960 MT of Pacific Cod and 9.67 MT of associated halibut PSC were transferred to the High Seas Catcher Coop and Unisea Coop per the Intercooperative manager and agreement (Exhibit 9). UFC member vessels did not participate in the directed Pacific Cod fishery for 2018 and any catch is due to bycatch in directed Bering Sea Pollock fishery (Exhibit 10).

EXHIBIT 9. Transfers of UFC 2018 BSAI Pacific Cod Sideboards and Halibut PSC

Area	Season	Transfers To	Transfer Amount	
			P. Cod Sideboard (MT)	Halibut PSC (MT)
BSAI	A	High Seas Catcher Coop	800	8
BSAI	B	Unisea	160	1.67
<b>Total BSAI P. Cod Sideboard / Halibut PSC Transfer</b>			<b>960</b>	<b>9.67</b>

UFC vessels did not participate in the 2018 BSAI Pacific Cod directed fishery. No sideboard transfers were made into the cooperative.

EXHIBIT 10. 2018 UFC BSAI Sideboard Limits, Intercooperative Transfers, and Aggregate Catch

BSAI Sideboard Species	Total AFA CV Sideboard Limit (MT)***	Initial UFC Sideboard Limit (MT)**	Inter Co-op Sideboard Transfer (MT)	Final Sideboard Limit (MT)	UFC Co-op Catch (MT)*	Remainder (MT)
BSAI Pacific Cod	34,631	2,612	(960)	1,652	188.01	1,463.99
BS Sablefish	56	N/A	N/A	N/A	31.46	N/A
AI Sablefish	27	N/A	N/A	N/A	-	N/A
Eastern BSAI Atka Mackerel	104	N/A	N/A	N/A	4.37	N/A
Central AI Atka Mackerel	2	N/A	N/A	N/A	-	N/A
Western AI Atka Mackerel	-	N/A	N/A	N/A	-	N/A
BSAI Rock Sole	42,060	N/A	N/A	N/A	30.35	N/A
BS Greenland Turbot	281	N/A	N/A	N/A	2.22	N/A
AI Greenland Turbot	3	N/A	N/A	N/A	-	N/A
BSAI Arrowtooth Flounder	799	N/A	N/A	N/A	10.10	N/A
BSAI Kamchatka flounder	293	N/A	N/A	N/A	-	N/A
BSAI Alaska Plaice	604	N/A	N/A	N/A	0.12	N/A
BSAI Other Flatfish	150	N/A	N/A	N/A	17.52	N/A
BSAI Flathead Sole	654	N/A	N/A	N/A	34.14	N/A
BS Pacific Ocean Perch	1,008	N/A	N/A	N/A	185.99	N/A
Eastern AI Pacific Ocean Perch	62	N/A	N/A	N/A	-	N/A
Central AI Pacific Ocean Perch	17	N/A	N/A	N/A	-	N/A
Western AI Pacific Ocean Perch	-	N/A	N/A	N/A	-	N/A
BSAI Northern Rockfish	44	N/A	N/A	N/A	2.56	N/A
BSAI Shortraker Rockfish	1	N/A	N/A	N/A	0.03	N/A
EBS/AI Rougheye Rockfish	-	N/A	N/A	N/A	0.18	N/A
CAI/WAI Rougheye Rockfish	1	N/A	N/A	N/A	-	N/A
BS Other Rockfish	1	N/A	N/A	N/A	0.63	N/A
AI Other Rockfish	5	N/A	N/A	N/A	-	N/A
BSAI Skates	1,242	N/A	N/A	N/A	20.16	N/A
BSAI Sculpins	230	N/A	N/A	N/A	1.78	N/A
BSAI Sharks	10	N/A	N/A	N/A	1.05	N/A
BSAI Squid	390	N/A	N/A	N/A	119.06	N/A
BSAI Octopuses	14	N/A	N/A	N/A	0.11	N/A
<b>All Species Sideboard Total</b>	<b>82,689</b>	<b>2,612</b>	<b>(960)</b>	<b>1,652</b>	<b>649.85</b>	<b>1,463.99</b>

\* All catch values were incurred as bycatch in the AFA CV pollock fishery.

\*\*UFC Sideboard allocations are made from total AFA CV sideboard limits when a directed fishery may occur. Directed fishing is prohibited for all sideboard species except P. Cod and Yellowfin Sole. UFC Vessels did not participate in either Bering Sea sideboard fishery. The BSAI P. Cod allocation reflects the difference after the set aside for bycatch in the Pollock fishery.

\*\*\*2018 AFA CV Sideboard limits are posted and available at [https://alaskafisheries.noaa.gov/sites/default/files/18\\_19bsaitable22.pdf](https://alaskafisheries.noaa.gov/sites/default/files/18_19bsaitable22.pdf)



## B. GOA Sideboard Limits, Intercooperative Transfers, and Directed Catch

UFC members have historical participation in the Gulf of Alaska fisheries and continue to participate in the Central region. A total of 3493 MT of sideboards from four cooperatives were transferred to UFC in 2018 (Exhibit 11). Three transfers out of UFC occurred in 2018, with 150 MT Arrowtooth, 30 MT Flathead sole, and 62 MT of 620 pollock going to the Peter Pan Cooperative. Initial sideboard limits for the AFA inshore cooperatives totaled 46,596 MT, with 5,948.69 MT allocated to UFC (Exhibit 12). In addition to Intercooperative sideboard transfers, allocations remaining at the end of each season in the pollock and Pacific cod fisheries are 'rolled over' into the subsequent season and thus accumulate throughout the year. Final sideboard allocations include the initial allocation, transfers, and any rollovers from the prior season.

The F/V Vanguard made landings in the GOA Pollock (Exhibit 13), P. Cod (Exhibit 14), Arrowtooth (Exhibit 15), shallow water flatfish (Exhibit 16), and Rex sole (Exhibit 17) directed fisheries. Values represented in Exhibits 12-17 represent harvest in a directed fishery only and are derived from actual fish tickets. The F/V Vanguard landed 3,594 MT of aggregate sideboard catch and 52.65 MT of discards in the GOA during 2018 (Exhibit 18). The vessel discards accounted for 1.4% of their aggregate sideboard catch and bycatch at sea.

Exhibit 11. 2018 GOA Intercoop Sideboard Transfers to and from UFC

Fishery	Area	Season	Transfers From	Transfers To	Transfer Amount (MT)
Arrowtooth	CGOA	Annual	HSCC	UFC	28.90
Arrowtooth	CGOA	Annual	Northern Victor	UFC	610.00
Arrowtooth	CGOA	Annual	UFC	Peter Pan	150.00
Rex Sole	CGOA	Annual	HSCC	UFC	7.21
Rex Sole	CGOA	Annual	Northern Victor	UFC	100.00
Deep Water Flatfish	CGOA	Annual	HSCC	UFC	4.73
Shallow Water Flatfish	CGOA	Annual	HSCC	UFC	193.33
Flathead	CGOA	Annual	HSCC	UFC	33.52
Flathead	CGOA	Annual	UFC	Peter Pan	30.00
P. Cod	CGOA	A	HSCC	UFC	15.69
P. Cod	CGOA	B	HSCC	UFC	10.42
Pollock	620	A	HSCC	UFC	69.50
Pollock	620	A	UFC	Peter Pan	62.00
Pollock	620	B	HSCC	UFC	81.79
Pollock	620	B	Peter Pan	UFC	350.00
Pollock	620	C	HSCC	UFC	25.48
Pollock	620	C	Northern Victor	UFC	500.00
Pollock	620	D	HSCC	UFC	25.48
Pollock	630	A	HSCC	UFC	87.84
Pollock	630	B	HSCC	UFC	40.70
Pollock	630	C	HSCC	UFC	134.98
Pollock	630	C	Peter Pan	UFC	209.00
Pollock	630	D	HSCC	UFC	134.98
Pollock	630	D	Peter Pan	UFC	209.00
Pollock	640	Annual	Unisea	UFC	600.00
<b>Total Sideboard Transfer to UFC</b>					<b>3,439.03</b>
<b>Total Sideboard Transfer From UFC</b>					<b>242.00</b>

EXHIBIT 12. 2018 UFC GOA Directed Fisheries Sideboard Allocations, Transfers, Rollovers, and Directed Catch

FISHERY	AREA	SEASON	Total AFA CV Sideboard Limit (MT)	Initial UFC Sideboard Limit (MT)	Inter Co-op Sideboard Transfer (MT)	Seasonal Rollover (MT)*	Final Sideboard Limit (MT)	UFC Co-op Catch (MT)**	Remainder (MT)
GOA POLLOCK	610	A	796.00	122.00	-	-	122.00	-	122.00
GOA POLLOCK	610	B	796.00	122.00	-	122.00	244.00	-	244.00
GOA POLLOCK	610	C	8,331.00	1,279.00	-	244.00	1,523.00	-	1,523.00
GOA POLLOCK	610	D	8,331.00	1,279.00	-	1,523.00	2,802.00	-	2,802.00
GOA POLLOCK	620	A	3,188.00	183.00	7.50	-	190.50	-	190.50
GOA POLLOCK	620	B	3,752.00	215.00	431.79	190.50	837.29	810.63	26.66
GOA POLLOCK	620	C	1,169.00	67.10	525.48	26.66	619.24	393.62	225.62
GOA POLLOCK	620	D	1,169.00	67.10	25.48	225.09	317.67	267.04	50.62
GOA POLLOCK	630	A	1,830.00	241.00	87.84	-	328.84	-	328.84
GOA POLLOCK	630	B	848.00	112.00	40.70	328.84	481.54	-	481.54
GOA POLLOCK	630	C	2,812.00	370.00	344.02	481.54	1,195.56	571.94	623.62
GOA POLLOCK	630	D	2,812.00	370.00	344.02	620.18	1,334.20	353.65	980.56
GOA POLLOCK	640	ANNUAL	2,388.13	-	600.00	-	600.00	391.96	208.04
GOA POLLOCK	650	ANNUAL	3,066.16	-	-	-	-	-	-
GOA P. COD	WESTERN	A	451.77	36.55	-	-	36.55	-	36.55
GOA P. COD	WESTERN	B	301.18	24.37	-	36.55	60.92	-	60.92
GOA P. COD	CENTRAL	A	252.82	23.49	15.69	-	39.18	-	39.18
GOA P. COD	CENTRAL	B	168.54	15.66	10.42	39.18	65.25	4.68	60.58
GOA P. COD	EASTERN	ANNUAL	10.67	-	-	-	-	-	-
GOA SHALLOW WATER FLATFISH	WESTERN	ANNUAL	206.70	167.45	-	-	167.45	-	167.45
GOA SHALLOW WATER FLATFISH	CENTRAL	ANNUAL	1,485.99	764.99	193.33	-	958.32	23.63	934.69
GOA SHALLOW WATER FLATFISH	EASTERN	ANNUAL	53.00	-	-	-	-	-	-
GOA DEEP WATER FLATFISH	WESTERN	ANNUAL	-	-	-	-	-	-	-
GOA DEEP WATER FLATFISH	CENTRAL	ANNUAL	219.98	69.29	4.73	-	74.02	-	74.02
GOA DEEP WATER FLATFISH	EASTERN	ANNUAL	71.00	-	-	-	-	-	-
GOA REX SOLE	WESTERN	ANNUAL	2.16	-	-	-	-	-	-
GOA REX SOLE	CENTRAL	ANNUAL	335.58	105.71	107.21	-	212.92	34.21	178.71
GOA REX SOLE	EASTERN	ANNUAL	10.00	-	-	-	-	-	-
GOA ARROWTOOTH FLOUNDER	WESTERN	ANNUAL	30.45	3.00	-	-	3.00	-	3.00
GOA ARROWTOOTH FLOUNDER	CENTRAL	ANNUAL	1,344.00	206.00	488.90	-	694.90	670.88	24.02
GOA ARROWTOOTH FLOUNDER	EASTERN	ANNUAL	3.00	-	-	-	-	-	-
GOA FLATHEAD SOLE	WESTERN	ANNUAL	31.14	2.00	-	-	2.00	-	2.00
GOA FLATHEAD SOLE	CENTRAL	ANNUAL	328.02	103.00	3.52	-	106.52	-	106.52
GOA FLATHEAD SOLE	EASTERN	ANNUAL	1.74	-	-	-	-	-	-
<b>Total Directed Fishery Sideboard</b>			<b>46,596.02</b>	<b>5,948.69</b>	<b>3,230.63</b>	<b>3,837.54</b>	<b>13,016.86</b>	<b>3,522.24</b>	<b>9,494.63</b>

\* GOA Pollock and Pacific Cod sideboard allocations are issued on a seasonal basis. Any remaining allocation at the end of the season rolls over into the subsequent season. Catch within a particular season may exceed the allocation for that season, as long as there is sufficient 'rollover' allocation to account for the difference.

\*\* The catch values included in the table were incurred in a Directed fishery and do not include bycatch values

EXHIBIT 13. 2018 GOA Directed Pollock Fishing Catch and Bycatch by Area and Season

Area	Season	Vessel	Harvested Pollock (MT)	Other Groundfish (MT)	Herring Wt. (MT)	Halibut Mortality (MT)	Red King Crab #	Tanner #	Bairdi #	Chinook #	Other Salmon #
610	A	N/A	-	-	-	-	-	-	-	-	-
610	B	N/A	-	-	-	-	-	-	-	-	-
610	C	N/A	-	-	-	-	-	-	-	-	-
610	D	N/A	-	-	-	-	-	-	-	-	-
620	A	N/A	-	-	-	-	-	-	-	-	-
620	B	Vanguard	810.63	0.07	-	-	-	-	-	19	-
620	C	Vanguard	393.62	14.75	-	-	-	-	-	27	-
620	D	Vanguard	267.04	2.18	-	-	-	-	-	-	-
630	A	N/A	-	-	-	-	-	-	-	-	-
630	B	N/A	-	-	-	-	-	-	-	-	-
630	C	Vanguard	571.94	15.73	-	-	-	-	-	20	-
630	D	Vanguard	353.65	0.10	-	-	-	-	-	121	160
640	Annual	Vanguard	391.97	4.92	-	-	-	-	-	-	-
650	Annual	N/A	-	-	-	-	-	-	-	-	-
<b>UFC Total</b>			<b>2,788.85</b>	<b>37.75</b>	-	-	-	-	-	<b>187</b>	<b>160</b>

No directed fishing for pollock occurred in areas 610 or 650 during 2018.

EXHIBIT 14. 2018 GOA Directed Pacific Cod Fishing Catch and Bycatch by Area and Season

Area	Season	Vessel	Harvested	Other	Herring	Halibut	Red King	Tanner #	Bairdi #	Chinook	Other
			P. Cod (MT)	Groundfish (MT)	Wt. (MT)	Mortality (MT)	Crab #			#	Salmon #
WGOA	A	N/A	-	-	-	-	-	-	-	-	-
WGOA	B	N/A	-	-	-	-	-	-	-	-	-
CGOA	A	N/A	-	-	-	-	-	-	-	-	-
CGOA	B	Vanguard	4.68	4.77	-	0.00	-	-	-	-	-
EGOA	A	N/A	-	-	-	-	-	-	-	-	-
EGOA	B	N/A	-	-	-	-	-	-	-	-	-
<b>UFC Total</b>			<b>4.68</b>	<b>4.77</b>	-	<b>0.00</b>	-	-	-	-	-

No directed fishing for Pacific cod occurred in the Western or Eastern Gulf of Alaska during 2018.

EXHIBIT 15. 2018 GOA Directed Arrowtooth Fishing Catch and Bycatch by Area and Season

Area	Season	Vessel	Harvested Arrowtooth (MT)	Other Groundfish (MT)	Herring Wt. (MT)	Halibut Mortality (MT)	Red King Crab #	Tanner #	Bairdi #	Chinook #	Other Salmon #
EGOA	Annual	N/A	-	-	-	-	-	-	-	-	-
CGOA	Annual	N/A	670.88	255.93	-	0.84	-	-	-	6	2
WGOA	Annual	N/A	-	-	-	-	-	-	-	-	-
<b>UFC Total</b>			<b>670.88</b>	<b>255.93</b>	<b>-</b>	<b>0.84</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>2.00</b>

No directed fishing for Arrowtooth Flounder occurred in the Eastern or Western Gulf during 2018.

EXHIBIT 16. 2018 GOA Directed Shallow water Flatfish Catch and Bycatch by Area and Season

Area	Season	Vessel	Harvested Shallow Water Flats (MT)	Other Groundfish (MT)	Herring Wt. (MT)	Halibut Mortality (MT)	Red King Crab #	Tanner #	Bairdi #	Chinook #	Other Salmon #
EGOA	Annual	N/A	-	-	-	-	-	-	-	-	-
CGOA	Annual	Vanguard	23.63	16.94	-	0.06	-	-	-	-	-
WGOA	Annual	N/A	-	-	-	-	-	-	-	-	-
<b>UFC Total</b>			<b>23.63</b>	<b>16.94</b>	<b>-</b>	<b>0.06</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

No directed fishing for shallow water flatfish occurred in the Eastern or Western Gulf during 2018.

EXHIBIT 17. 2018 GOA Directed Rex Sole Catch and Bycatch by Area and Season

Area	Season	Vessel	Harvested Rex Sole (MT)	Other Groundfish (MT)	Herring Wt. (MT)	Halibut Mortality (MT)	Red King Crab #	Tanner #	Bairdi #	Chinook #	Other Salmon #
EGOA	Annual	N/A	-	-	-	-	-	-	-	-	-
CGOA	Annual	Vanguard	34.22	24.18	-	0.01	-	-	-	-	-
WGOA	Annual	N/A	-	-	-	-	-	-	-	-	-
<b>UFC Total</b>			<b>34.22</b>	<b>24.18</b>	<b>-</b>	<b>0.01</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

No directed fishing for rex sole occurred in the Eastern or Western Gulf during 2018.

EXHIBIT 18. UFC 2018 GOA Sideboard Aggregate Species Catch and Bycatch

GOA Sideboard Area/Species/Season	Vanguard*	
	Landed (MT)	Discard (MT)
Area 610 A Season Pollock	-	-
Area 610 B Season Pollock	-	-
Area 610 C Season Pollock	-	-
Area 610 D Season Pollock	-	-
Area 620 A Season Pollock	-	-
Area 620 B Season Pollock	810.63	-
Area 620 C Season Pollock	394.15	3.00
Area 620 D Season Pollock	-	0.23
Area 630 A Season Pollock	-	-
Area 630 B Season Pollock	-	-
Area 630 C Season Pollock	575.38	-
Area 630 D Season Pollock	414.22	17.71
Area 640 Annual Pollock	391.97	-
Area 650 Annual Pollock	-	-
Western A Season GOA Pacific Cod	-	-
Western B Season GOA Pacific Cod	-	-
Central A Season GOA Pacific Cod	11.77	-
Central B Season GOA Pacific Cod	32.84	-
Eastern Annual GOA Pacific Cod	-	-
Western GOA Sablefish	-	-
Central GOA Sablefish	1.59	3.81
Eastern GOA Sablefish	-	-
Western GOA Shallow-water Flatfish	-	-
Central GOA Shallow-water Flatfish	39.50	-
Eastern GOA Shallow-water flatfish	-	-
Western GOA Deep-water Flatfish	-	-
Central GOA Deep-water Flatfish	1.76	-
Eastern GOA Deep-water flatfish	-	-
Western GOA Rex Sole	-	-
Central GOA Rex Sole	63.62	-
Eastern GOA Rex Sole	-	-
Western GOA Arrowtooth Flounder	-	-
Central GOA Arrowtooth Flounder	693.74	-
Eastern GOA Arrowtooth Flounder	-	-
Western GOA Flathead Sole	-	-
Central GOA Flathead Sole	75.04	-
Eastern GOA Flathead Sole	-	-
Western GOA Pacific Ocean Perch	-	-
Central GOA Pacific Ocean Perch	37.48	26.65
Eastern GOA Pacific Ocean Perch	3.81	-
Western GOA Northern Rockfish	-	-
Central GOA Northern Rockfish	2.76	-
Western GOA Shortraker Rockfish	-	-
Eastern GOA Shortraker Rockfish	-	-
Central GOA Shortraker Rockfish	0.06	-
Eastern GOA Shortraker Rockfish	-	-
Western GOA Dusky Rockfish	-	-
Central GOA Dusky Rockfish	2.59	-
Eastern GOA Dusky Rockfish	-	-
Western GOA Rougheye Rockfish	-	-
Central GOA Rougheye Rockfish	2.64	-
Eastern GOA Rougheye Rockfish	1.11	-
SEO GOA Demersal Shelf Rockfish	-	-
Western GOA Thornyhead Rockfish	-	-
Central GOA Thornyhead Rockfish	0.67	-
Eastern GOA Thornyhead Rockfish	-	-
Western GOA Other Rockfish	-	-
Central GOA Other Rockfish	0.09	-
Eastern GOA Other Rockfish	-	-
GOA Atka Mackerel	-	-
Western GOA Big Skates	-	-
Central GOA Big Skates	29.34	-
Eastern GOA Big Skates	-	-
Western GOA Longnose Skates	-	-
Central GOA Longnose Skates	7.02	-
Eastern GOA Longnose Skates	-	-
GOA Other Skates	0.19	0.35
GOA Sculpins	-	-
GOA Sharks	0.10	0.90
GOA Squids	-	-
GOA Octopuses	-	-
<b>UFC Co-op Sideboard Species Total</b>	<b>3,594.07</b>	<b>52.65</b>

\* The Vanguard is the only non-exempt UFC member vessel that participated in the GOA sideboard fishery during 2018

## V. UFC Monitoring and Enforcement

All UFC activities in the Bering Sea directed Pollock fishery and Gulf of Alaska sideboard fisheries were successfully monitored for 2018 and no enforcement actions were necessary for this year.