

2020

ANNUAL REPORT FOR THE UNALASKA FLEET  
COOPERATIVE

PRESENTED TO THE NORTH PACIFIC FISHERIES MANAGEMENT COUNCIL

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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 2020 fishing season.

Catch figures are compiled from the best available source, either actual fish ticket information or extrapolations from NMFS observer data, 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.

## 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 2020 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.

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*	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 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.

In an effort to reduce salmon bycatch, member vessels participated in both the Salmon Savings Incentive Plan Agreement (SSIP) and the Rolling Hotspot Closure System within the Intercooperative Agreement (ICA). The co-op manager facilitated 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 filed 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 Alaskan Defender and F/V Arctic Wind contracted with UFC and delivered a total of 1,633 MT of pollock from the BSAI during 2020. The F/V Northern Defender was the only UFC member contracted to deliver outside the coop for 2020. They landed 148 MT of pollock from the BSAI between the Westward and Unisea Cooperatives (Exhibit 5). All Pollock landings during the 2020 fishing season were made within the state of Alaska.



### III. AFA Pollock

#### A. Allocation of Bering Sea Pollock

The total 2020 TAC for Pollock was set at 1,426,900 MT, of which 1,425,000 MT was allocated to the Bering Sea and 19,000 MT to the Aleutian Islands. There was a subsequent rollover of 10,000 MT from the Aleutian Islands to the Bering Sea in 2020. 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. 2020 Allocation of Pollock TAC to Directed Pollock Fisheries and CDQ Directed Fishing Allowances (MT) in the Bering Sea

TAC	1,425,000
CDQ	142,500
INCIDENTAL CATCH ALLOWANCE (ICA)	47,453
* OFFSHORE - 40%	498,019
* MOTHERSHIP - 10%	124,505
*INSHORE - 50%	622,524

\* Amounts calculated after deductions for CDQ and ICA. A rollover from the AI occurred in the B season for 10,000 mt.

TAC and directed fisheries allowances are as listed at:

<https://www.federalregister.gov/documents/2020/03/09/2020-04475/fisheries-of-the-exclusive-economic-zone-off-alaska-bering-sea-and-aleutian-islands-final-2020-and#p-32>

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

Seven cooperatives comprised the inshore sector in 2020. There were no vessels 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>2020 FINAL ALLOCATIONS (MT)</b>
Akutan Catcher Vessel Association	33.788%	210,336
Arctic Enterprise Association	0.000%	-
Northern Victor Cooperative	10.605%	66,020
Peter Pan Cooperative	2.680%	16,683
Unalaska Fleet Cooperative	11.454%	71,301
Unisea Fleet Cooperative	22.094%	137,542
Westward Fleet Cooperative	19.380%	120,643
Open Access	0.000%	-
<b>TOTAL</b>	<b>100.00%</b>	<b>622,525</b>

Inshore cooperative allocations are listed at:

<https://www.fisheries.noaa.gov/alaska/sustainable-fisheries/alaska-fisheries-management-reports#american-fisheries-act>

## 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 MT. Allocations are expressed as percentage of the inshore AFA CV fleet, percentage within the co-op, and in tonnage.

EXHIBIT 4. UFC Member Vessel Initial BSAI Pollock Allocations Expressed as Inshore Percentages, Co-op Percentages, and in MT for 2020

<b>VESSEL</b>	<b>INSHORE %</b>	<b>COOP %</b>	<b>2020 MT</b>
Alaska Rose	1.6835%	14.6984%	10,480.1873
Bering Rose	1.7238%	15.0503%	10,731.0644
Destination	2.1528%	18.7958%	13,401.6913
Great Pacific	1.2361%	10.7922%	7,695.0161
Messiah	0.7173%	6.2627%	4,465.3629
Northern Defender	1.9728%	17.2243%	12,281.1485
Sea Wolf	1.5156%	13.2325%	9,434.9700
Vanguard	0.0565%	0.4933%	351.7259
Western Dawn	0.3952%	3.4504%	2,460.2139
<b>TOTAL</b>	<b>11.4536%</b>	<b>100.0000%</b>	<b>71,301</b>

## 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 2020 and transferred nearly all of their allocation to other member vessels. The F/V Northern Defender harvested 148 MT of BSAI pollock for the Westward and Unisea Cooperatives under Amendment 69, and the coop contracted the F/V Alaskan Defender, and F/V Arctic Wind to harvest 1,633 MT of pollock in 2020 (Exhibit 5)(Exhibit 6). All landings were made within the state of Alaska.

EXHIBIT 5. 2020 UFC BSAI Pollock Contract Fishing Schedule

VESSEL	CONTRACTING COOPERATIVE	HOME COOPERATIVE	DELIVERY LOCATION	CONTRACT AMOUNT (MT)	HARVEST AMOUNT (MT)
Alaskan Defender	Unalaska	Westward	Alyeska	1,200.00	1,170.54
Northern Defender	Westward	Unalaska	Westward	400.00	-
Northern Defender	Unisea	Unalaska	Westward	350.00	78.35
Northern Defender	Westward	Unalaska	Alyeska	1,200.00	69.74
Arctic Wind	Unalaska	Peter Pan	Alyeska	790.00	462.54
<b>Total Contract Fishing for UFC</b>				<b>1,990.00</b>	<b>1,633.08</b>
<b>Total Contract Fishing by UFC Vessels</b>				<b>1,950.00</b>	<b>148.09</b>

EXHIBIT 6. 2020 UFC Member Vessel Directed Bering Sea Pollock Allocations, Intra Cooperative Transfers, Contract Fishing, Directed Harvest and Discards

VESSEL	2020 MT	CO-OP TRANSFERS	CONTRACT FISHING	A SEASON HARVEST	B SEASON HARVEST	TOTAL DISCARDS	TOTAL HARVEST	REMAINING ALLOCATION
Alaskan Defender (Am 69)	-	1,170.54	1,170.54	-	-	-	1,170.54	-
Alaska Rose	10,480.19	1,774.33	-	5,548.85	6,700.68	5.00	12,254.52	-
Arctic Wind (Am 69)	-	462.54	462.54	-	-	-	462.54	-
Bering Rose	10,731.06	555.01	-	5,574.58	5,696.50	15.00	11,286.07	-
Destination	13,401.69	2,085.71	-	6,482.64	9,004.77	-	15,487.40	-
Great Pacific	7,695.02	(528.02)	-	3,563.63	3,603.37	-	7,166.99	-
Messiah	4,465.36	(4,465.36)	-	-	-	-	-	-
Northern Defender	12,281.15	(1,170.54)	-	4,384.05	6,716.56	10.00	11,110.61	-
Sea Wolf	9,434.97	243.89	-	4,294.11	5,383.93	0.82	9,678.86	-
Vanguard	351.73	(57.92)	-	-	125.31	-	125.31	168.50
Western Dawn	2,460.21	(70.18)	-	1,005.85	1,383.19	1.00	2,390.03	-
<b>TOTAL*</b>	<b>71,301.38</b>	<b>(0.00)</b>	<b>1,633.08</b>	<b>30,853.69</b>	<b>38,614.30</b>	<b>31.82</b>	<b>71,132.89</b>	<b>168.49</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 2020 fishing season.

UFC directed Pollock catch for 2020 totaled 71,133 MT (Exhibit 6)(Exhibit 7). UFC Pollock deliveries represented 99.76% 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 2020 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 2020. Further information regarding the effectiveness of these programs will be made available in the Inshore Salmon Savings Incentive Plan Agreement annual report.

EXHIBIT 7. 2020 UFC Directed Bering Sea Pollock Catch and Bycatch

VESSEL	Harvested Pollock (MT)	Other					Chinook #	Other Salmon #	
		Groundfish (MT)	Herring (MT)	Halibut (MT)	Red King Crab #	Opilio #			
Alaskan Defender (Am 69)	1,170.54	3.65	9.04	-	-	-	46	3	
Alaska Rose	12,254.52	172.01	15.57	0.26	-	7	2	347	
Arctic Wind (Am 69)	462.54	3.36	-	-	-	-	70	175	
Bering Rose	11,286.07	184.40	23.78	0.65	8	7	9	242	
Destination	15,487.40	217.51	5.33	0.57	18	-	3	343	
Great Pacific	7,166.99	176.49	42.75	0.67	-	8	3	127	
Messiah	-	-	-	-	-	-	-	-	
Northern Defender	11,110.61	163.73	4.64	0.28	-	-	1	188	
Sea Wolf	9,678.86	193.16	15.21	1.12	-	-	-	186	
Vanguard	125.31	3.68	-	-	-	-	-	1	
Western Dawn	2,390.03	41.68	12.58	0.03	-	-	-	19	
<b>TOTAL*</b>	<b>71,132.89</b>	<b>1,159.67</b>	<b>128.90</b>	<b>3.59</b>	<b>26</b>	<b>22</b>	<b>18</b>	<b>1,569</b>	<b>15,895</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 2020 Salmon Bycatch by Season in the Directed Bering Sea Pollock Fishery

	CHINOOK		CHUM	
	A Season	B Season	A Season	B Season
Vessel	#	#	#	#
Alaskan Defender (Am 69)	46	-	3	-
Alaska Rose	125	222	2	3,858
Arctic Wind (Am 69)	-	70	-	175
Bering Rose	174	68	7	4,131
Destination	128	215	2	2,336
Great Pacific	112	15	1	1,253
Messiah	-	-	-	-
Northern Defender	141	47	1	2,311
Sea Wolf	164	22	1	1,490
Vanguard	-	1	-	1
Western Dawn	17	2	-	323
<b>TOTAL</b>	<b>907</b>	<b>662</b>	<b>17</b>	<b>15,878</b>

#### 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 2020 for a total of 2,148 MT. In 2020, 426 MT of Pacific Cod and 8.15 MT of associated halibut PSC were transferred to the Westward Fleet Coop per the Intercooperative manager and agreement (Exhibit 9). The F/V Northern Defender was the only UFC member to participate in the directed Pacific Cod fishery for 2020 and they harvested a total of 476.79 MT (Exhibit 10) (Exhibit 11). UFC BSAI sideboard limits, Intercooperative transfers, and aggregate catch are further broken down in (Exhibit 12).

EXHIBIT 9. Transfers of UFC 2020 BSAI Pacific Cod Sideboards and Halibut PSC

Area	Season	Transfers To	Transfers From	Transfer Amount	
				P. Cod Sideboard (MT)	Halibut PSC (MT)
BSAI	A	Unalaska	Westward	749.00	8.38
BSAI	A	Westward	Unalaska	(323.00)	(6.75)
BSAI	A	Westward	Unalaska	(103.00)	(1.40)
<b>Total BSAI P. Cod Sideboard / Halibut PSC Transfer</b>				<b>323.00</b>	<b>0.23</b>

The F/V Northern Defender was the only UFC member that participated in the 2020 BSAI Pacific Cod directed fishery.



EXHIBIT 10. UFC Member Vessel Directed Bering Sea Pacific Cod Sideboards, Inter & Intra Cooperative Transfers, & Catch

Vessel*	Coop %	2020 Sideboard (MT)	Intercooperative Transfers (MT)	Intracooperative Transfers (MT)	Total Harvest (MT)**	Remaining Sideboard (MT)
Alaska Rose	51.16%	1,099	(54.49)	-	0.00	1044.45
Bering Rose	26.82%	576	(28.56)	-	0.00	547.54
Destination	5.72%	123	(6.09)	-	0.00	116.68
Great Pacific	4.65%	100	(4.95)	-	0.00	94.97
Northern Defender	3.29%	71	426.00	-	476.79	19.86
Sea Wolf	8.36%	180	(8.91)	-	0.00	170.71
<b>TOTAL</b>	<b>100%</b>	<b>2,148.00</b>	<b>323.00</b>	<b>-</b>	<b>476.79</b>	<b>1,994.21</b>

\* The Messiah is an 'Exempt' vessel and has been excluded to this table since they are not subject to sideboard restrictions. The F/V's Vanguard and Western Dawn are 'dual qualified' and their sideboard catch is reported though the Mothership Fleet Cooperative Annual Report.

\*\* Catch totals are from the best data available from shoreside and offshore landings with fish tickets.

EXHIBIT 11. UFC 2020 Bycatch in the Directed Bering Sea Pacific cod Sideboard Fishery

Vessel*	Other Groundfish (MT)	Halibut Mortality (MT)	Herring (MT)	Red King Crab #	Opilio #	Bairdi #	Chinook #	Other Salmon #
Alaska Rose	-	-	-	-	-	-	-	-
Bering Rose	-	-	-	-	-	-	-	-
Destination	-	-	-	-	-	-	-	-
Great Pacific	-	-	-	-	-	-	-	-
Northern Defender	19.00	3.00	-	-	-	-	-	-
Sea Wolf	-	-	-	-	-	-	-	-
<b>TOTAL**</b>	<b>19.00</b>	<b>3.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

\* The Messiah is an 'Exempt' vessel and has been excluded to this table since they are not subject to sideboard restrictions. The F/V's Vanguard and Western Dawn are 'dual qualified' and their sideboard catch is reported though the Mothership Fleet Cooperative Annual Report.

\*\* Catch totals and Halibut mortality are from the best data available from NMFS based on extrapolated observer data.

EXHIBIT 12. 2020 UFC BSAI Sideboard Limits and Aggregate Catch

BSAI Sideboard Species	Landed (MT)*	Discard (MT)
BSAI Pacific Cod	972.83	0.09
BS Sablefish	88.65	25.01
AI Sablefish	-	-
Eastern BSAI Atka Mackerel	6.07	1.44
Central AI Atka Mackerel	-	-
Western AI Atka Mackerel	-	-
BSAI Rock Sole	39.12	0.02
BS Greenland Turbot	0.80	-
AI Greenland Turbot	-	-
BSAI Arrowtooth Flounder	24.28	0.04
BSAI Kamchatka flounder	-	-
BSAI Alaska Plaice	1.64	-
BSAI Other Flatfish	64.56	-
BSAI Flathead Sole	76.05	0.24
BS Pacific Ocean Perch	193.42	71.92
Eastern AI Pacific Ocean Perch	-	-
Central AI Pacific Ocean Perch	-	-
Western AI Pacific Ocean Perch	-	-
BSAI Northern Rockfish	5.28	1.96
BSAI Shortraker Rockfish	0.26	-
EBS/AI Rougheye Rockfish	0.18	-
CAI/WAI Rougheye Rockfish	-	-
BS Other Rockfish	1.10	0.09
AI Other Rockfish	-	-
BSAI Skates	37.14	-
BSAI Sculpins	3.52	-
BSAI Sharks	1.27	0.18
BSAI Octopuses	0.04	-
<b>All Species Sideboard Total</b>	<b>1,516.23</b>	<b>100.99</b>

\* All catch values were incurred as bycatch in the AFA CV pollock fishery, with the exception of BSAI P. cod, which also includes directed catch by the F/V Northern Defender. Catch and Discard amounts were calculated from Fish Ticket Data.

\*\* As of 2020 AFA CV Sideboard limits are no longer posted due to the small amounts and no directed fishery. As a result only P. Cod and PSC limits are posted, they are available under Table 22 at <https://www.federalregister.gov/documents/2020/03/09/2020-04475/fisheries-of-the-exclusive-economic-zone-off-alaska-bering-sea-and-aleutian-islands-final-2020-and>

## 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 1,470 MT of sideboards from two cooperatives were transferred to UFC in 2020 (Exhibit 13). There were no transfers from the Unalaska Fleet Cooperative in 2020. Initial sideboard limits for the Unalaska Fleet Cooperative totaled 4,406 MT (Exhibit 14). 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 15), Arrowtooth (Exhibit 17), shallow water flatfish (Exhibit 18), directed fisheries. There were no landings in the GOA Pacific cod (Exhibit 16) or Rex Sole (Exhibit 19) directed fisheries in 2020. Values represented in Exhibits 14-19 represent harvest in a directed fishery only and are derived from actual fish tickets. The F/V Vanguard landed 1,545 MT of aggregate sideboard catch and 3.69 MT of discards in the GOA during 2020 (Exhibit 20). The vessel discards accounted for 0.24% of their aggregate sideboard catch and bycatch at sea.

Exhibit 13. 2020 GOA Intercoop Sideboard Transfers to and from UFC

Fishery	Area	Season	Transfers From	Transfers To	Transfer Amount (MT)
Pollock	620	B	Akutan	Unalaska	310
Arrowtooth	CGOA	Annual	High Seas Catcher Coop	Unalaska	397.6
Rex Sole	CGOA	Annual	High Seas Catcher Coop	Unalaska	7.1
Deep Water Flatfish	CGOA	Annual	High Seas Catcher Coop	Unalaska	2.7
Shallow Water Flatfish	CGOA	Annual	High Seas Catcher Coop	Unalaska	211.8
Flathead	CGOA	Annual	High Seas Catcher Coop	Unalaska	126.9
Pacific Cod	CGOA	A	High Seas Catcher Coop	Unalaska	9.8
Pacific Cod	CGOA	B	High Seas Catcher Coop	Unalaska	6.5
Pollock	620	A	High Seas Catcher Coop	Unalaska	47.7
Pollock	620	B	High Seas Catcher Coop	Unalaska	56.5
Pollock	620	C	High Seas Catcher Coop	Unalaska	17.1
Pollock	620	D	High Seas Catcher Coop	Unalaska	17.1
Pollock	630	A	High Seas Catcher Coop	Unalaska	56.3
Pollock	630	B	High Seas Catcher Coop	Unalaska	22.6
Pollock	630	C	High Seas Catcher Coop	Unalaska	90
Pollock	630	D	High Seas Catcher Coop	Unalaska	90
<b>Total Sideboard Transfer to UFC</b>					<b>1,469.70</b>
<b>Total Sideboard Transfer From UFC</b>					<b>-</b>

EXHIBIT 14. 2020 UFC GOA Directed Fisheries Sideboard Allocations, Transfers, Rollovers, and Directed Catch

FISHERY	AREA	SEASON	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	48.00	-	-	48.00	-	48.00
GOA POLLOCK	610	B	48.00	-	48.00	96.00	-	96.00
GOA POLLOCK	610	C	841.90	-	-	841.90	-	841.90
GOA POLLOCK	610	D	841.90	-	-	841.90	-	841.90
GOA POLLOCK	620	A	125.60	47.70	-	173.30	-	173.30
GOA POLLOCK	620	B	148.90	366.50	173.30	688.70	679.68	9.02
GOA POLLOCK	620	C	45.10	17.10	-	62.20	-	62.20
GOA POLLOCK	620	D	45.10	17.10	-	62.20	-	62.20
GOA POLLOCK	630	A	154.30	56.30	-	210.60	-	210.60
GOA POLLOCK	630	B	61.90	22.60	210.60	295.10	112.25	182.85
GOA POLLOCK	630	C	246.80	90.00	-	336.80	-	336.80
GOA POLLOCK	630	D	246.80	90.00	-	336.80	-	336.80
GOA POLLOCK	640	ANNUAL	-	-	-	-	-	-
GOA POLLOCK	650	ANNUAL	-	-	-	-	-	-
GOA P. COD	WESTERN	A	13.50	-	-	13.50	-	13.50
GOA P. COD	WESTERN	B	9.00	-	-	9.00	-	9.00
GOA P. COD	CENTRAL	A	14.70	9.80	-	24.50	-	24.50
GOA P. COD	CENTRAL	B	9.80	6.50	-	16.30	-	16.30
GOA P. COD	EASTERN	ANNUAL	-	-	-	-	-	-
GOA SHALLOW WATER FLATFISH	WESTERN	ANNUAL	168.20	-	-	168.20	-	168.20
GOA SHALLOW WATER FLATFISH	CENTRAL	ANNUAL	838.00	211.80	-	1,049.80	94.34	955.46
GOA SHALLOW WATER FLATFISH	EASTERN	ANNUAL	-	-	-	-	-	-
GOA DEEP WATER FLATFISH	WESTERN	ANNUAL	-	-	-	-	-	-
GOA DEEP WATER FLATFISH	CENTRAL	ANNUAL	39.70	2.70	-	42.40	-	42.40
GOA DEEP WATER FLATFISH	EASTERN	ANNUAL	-	-	-	-	-	-
GOA REX SOLE	WESTERN	ANNUAL	-	-	-	-	-	-
GOA REX SOLE	CENTRAL	ANNUAL	103.80	7.10	-	110.90	-	110.90
GOA REX SOLE	EASTERN	ANNUAL	-	-	-	-	-	-
GOA ARROWTOOTH FLOUNDER	WESTERN	ANNUAL	-	-	-	-	-	-
GOA ARROWTOOTH FLOUNDER	CENTRAL	ANNUAL	295.30	397.60	-	692.90	492.71	200.19
GOA ARROWTOOTH FLOUNDER	EASTERN	ANNUAL	-	-	-	-	-	-
GOA FLATHEAD SOLE	WESTERN	ANNUAL	-	-	-	-	-	-
GOA FLATHEAD SOLE	CENTRAL	ANNUAL	60.00	127.00	-	187.00	-	187.00
GOA FLATHEAD SOLE	EASTERN	ANNUAL	-	-	-	-	-	-
<b>Total Directed Fishery Sideboard</b>			<b>4,406.30</b>	<b>1,469.80</b>	<b>431.90</b>	<b>6,308.00</b>	<b>1,378.97</b>	<b>4,929.03</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 if an opening is announced. 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. 620 and 630 pollock seasons did not open, therefore no rollover occurred.

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

EXHIBIT 15. 2020 GOA Directed Pollock Fishing Catch and Bycatch by Area and Season

Area	Season	Vessel	Harvested	Other	Herring	Halibut	Red King			Other	
			Pollock (MT)	Groundfish (MT)	Wt. (MT)	Mortality (MT)	Crab #	Tanner #	Bairdi #	Chinook #	Salmon #
610	A	N/A	-	-	-	-	-	-	-	-	-
610	B	N/A	-	-	-	-	-	-	-	-	-
610	C	N/A	-	-	-	-	-	-	-	-	-
610	D	N/A	-	-	-	-	-	-	-	-	-
620	A	N/A	-	-	-	-	-	-	-	-	-
620	B	Vanguard	679.68	0.14	-	-	-	-	-	-	10
620	C	N/A	-	-	-	-	-	-	-	-	-
620	D	N/A	-	-	-	-	-	-	-	-	-
630	A	N/A	-	-	-	-	-	-	-	-	-
630	B	Vanguard	112.25	1.85	-	0.03	-	-	-	-	2
630	C	N/A	-	-	-	-	-	-	-	-	-
630	D	N/A	-	-	-	-	-	-	-	-	-
640	Annual	N/A	-	-	-	-	-	-	-	-	-
650	Annual	N/A	-	-	-	-	-	-	-	-	-
<b>UFC Total</b>			<b>791.92</b>	<b>1.98</b>	<b>-</b>	<b>0.03</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12</b>
											<b>1</b>

No directed fishing for pollock occurred in areas 610, 640, or 650 during 2020.

EXHIBIT 16. 2020 GOA Directed Pacific Cod Fishing Catch and Bycatch by Area and Season

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

No directed fishing for Pacific cod occurred during 2020.

EXHIBIT 17. 2020 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	492.71	101.97	-	1.22	-	-	19	-	-
WGOA	Annual	N/A	-	-	-	-	-	-	-	-	-
<b>UFC Total</b>			<b>492.71</b>	<b>101.97</b>	-	<b>1.22</b>	-	-	<b>19</b>	-	-

No directed fishing for Arrowtooth Flounder occurred in the Eastern or Western Gulf during 2020.

EXHIBIT 18. 2020 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	94.34	62.69	-	0.14	-	-	-	-	-
WGOA	Annual	N/A	-	-	-	-	-	-	-	-	-
<b>UFC Total</b>			<b>94.34</b>	<b>62.69</b>	-	<b>0.14</b>	-	-	-	-	-

No directed fishing for shallow water flatfish occurred in the Eastern or Western Gulf during 2020.

EXHIBIT 19. 2020 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	N/A	-	-	-	-	-	-	-	-	-
WGOA	Annual	N/A	-	-	-	-	-	-	-	-	-
<b>UFC Total</b>			-	-	-	-	-	-	-	-	-

No directed fishing for rex sole occurred during 2020.

EXHIBIT 20. UFC 2020 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	679.91	-
Area 620 C Season Pollock	-	-
Area 620 D Season Pollock	-	-
Area 630 A Season Pollock	-	-
Area 630 B Season Pollock	115.84	-
Area 630 C Season Pollock	-	-
Area 630 D Season Pollock	-	-
Area 640 Annual Pollock	-	-
Area 650 Annual Pollock	-	-
Western A Season GOA Pacific Cod	-	-
Western B Season GOA Pacific Cod	-	-
Central A Season GOA Pacific Cod	35.47	1.45
Central B Season GOA Pacific Cod	-	-
Eastern Annual GOA Pacific Cod	-	-
Western GOA Sablefish	-	-
Central GOA Sablefish	3.39	-
Eastern GOA Sablefish	-	-
Western GOA Shallow-water Flatfish	-	-
Central GOA Shallow-water Flatfish	108.29	-
Eastern GOA Shallow-water flatfish	-	-
Western GOA Deep-water Flatfish	-	-
Central GOA Deep-water Flatfish	-	-
Eastern GOA Deep-water flatfish	-	-
Western GOA Rex Sole	-	-
Central GOA Rex Sole	8.14	-
Eastern GOA Rex Sole	-	-
Western GOA Arrowtooth Flounder	-	-
Central GOA Arrowtooth Flounder	514.12	-
Eastern GOA Arrowtooth Flounder	-	-
Western GOA Flathead Sole	-	-
Central GOA Flathead Sole	52.33	-
Eastern GOA Flathead Sole	-	-
Western GOA Pacific Ocean Perch	-	-
Central GOA Pacific Ocean Perch	4.92	0.16
Eastern GOA Pacific Ocean Perch	-	-
Western GOA Northern Rockfish	-	-
Central GOA Northern Rockfish	0.05	-
Western GOA Shortraker Rockfish	-	-
Eastern GOA Shortraker Rockfish	-	-
Central GOA Shortraker Rockfish	0.62	-
Eastern GOA Shortraker Rockfish	-	-
Western GOA Dusky Rockfish	-	-
Central GOA Dusky Rockfish	0.32	-
Eastern GOA Dusky Rockfish	-	-
Western GOA Rougheye Rockfish	-	-
Central GOA Rougheye Rockfish	0.40	-
Eastern GOA Rougheye Rockfish	-	-
SEO GOA Demersal Shelf Rockfish	-	-
Western GOA Thornyhead Rockfish	-	-
Central GOA Thornyhead Rockfish	0.13	-
Eastern GOA Thornyhead Rockfish	-	-
Western GOA Other Rockfish	-	-
Central GOA Other Rockfish	0.03	-
Eastern GOA Other Rockfish	-	-
GOA Atka Mackerel	-	-
Western GOA Big Skates	-	-
Central GOA Big Skates	17.29	-
Eastern GOA Big Skates	-	-
Western GOA Longnose Skates	-	-
Central GOA Longnose Skates	3.13	-
Eastern GOA Longnose Skates	-	-
GOA Other Skates	-	-
GOA Sculpins	0.27	0.54
GOA Sharks	0.15	1.53
GOA Squids	0.04	-
GOA Octopuses	0.66	-
<b>UFC Co-op Sideboard Species Total</b>	<b>1,545.50</b>	<b>3.69</b>

\* The Vanguard is the only non-exempt UFC member vessel that participated in the GOA sideboard fishery during 2020

## 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 2020 and no enforcement actions were necessary for this year.