

ANNUAL REPORT OF THE
UNISEA FLEET COOPERATIVE
YEAR 2018

PREPARED FOR:

NORTH PACIFIC FISHERY MANAGEMENT COUNCIL

MARCH 25, 2019

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INTRODUCTION

UniSea Fleet Cooperative (UFC) is pleased to submit this document and results of their 2018 Bering Sea fishery to the North Pacific Fishery Management Council (NPFMC) in compliance with annual reporting requirements of the 1998 American Fisheries Act (AFA).

The 2018 fishing season was the eighteenth year of UFC operations under the AFA. The UniSea fleet was managed and operated during 2018 following the successful model established during the preceding 2000-2017 fisheries - basically without change. This document format and 13 exhibits herein reporting UFC co-op members, management, allocations, catches, sideboard limits, prohibited species catches and enforcement is also consistent with UFC's earlier years reporting to the NPFMC. We believe this reporting format and detail is both in keeping with AFA reporting requirements and provides easy comparison to the prior year results.

UNISEA FLEET MEMBER VESSELS AND CO-OP MANAGEMENT

There were no membership changes in the co-op in 2018 compared to 2017. Seven individual members of the UFC representing 13 catcher vessels signed their Co-op Membership Agreement, which enabled them to operate under the laws of the AFA in a fishing cooperative delivering pollock to UniSea Inc. during the 2018 fishing season (Attachment 1, UniSea Fleet Cooperative Membership Agreement for 2018 dated 11/21/17, and Pollock Harvest Schedule). The F/V

Mar Gun and the 57' F/V *Morning Star* did not fish in the Bering Sea in 2018.
The 2018 member vessels and their owners are listed below:

Margaret Hall, General Manager, Rondy's, Inc.

- F/V *Alsa* 124 ft LOA
- F/V *Argosy* 124 ft LOA

Jeff Hendricks, Manager, Auriga/Aurora General Partnership

- F/V *Auriga* 193 ft LOA
- F/V *Aurora* 193 ft LOA

Robert Desautel, Managing Member, Dona Martita, LLC

- F/V *Defender* 195 ft LOA

Chris Swasand, F/V *Nordic Star* LLC

- F/V *Nordic Star* 123 ft LOA

Gunnar Ildhuso, Jr., Margun Enterprises, LLC

- F/V *Mar-Gun* 112 ft LOA

Fred Yeck, President, FY Fisheries, Inc.

- F/V *Sea Dawn* 124 ft LOA

Rick Mezich, President, F/V *Starfish*, LLC.

- F/V *Starfish* 123 ft LOA

Rick Mezich, President, *Starlite* Fisheries, LLC.

- F/V *Starlite* 123 ft LOA

Rick Mezich, President, *Starward* Fisheries, LLC.

- F/V *Starward* 123 ft LOA

Rick Mezich, President, Fierce Allegiance, LLC.

- F/V *Fierce Allegiance* 167 ft LOA

Rick Mezich, President, F/V Morning Star, LLC.

- F/V *Morning Star* 57 ft Reg. Length

Co-op management and administration continued during 2018 and remained basically unchanged from management and administration of the prior co-op years (Exhibit 1). Mr. Jeff Hendricks continued to serve as the President of UFC and Mr. Todd Shoup served as the UFC Production Director. Coordination of information on allocations, transfers, pollock catches, sideboard catches and prohibited species catches between the UniSea plant in Dutch Harbor, the member vessels, Sea State, the Inter Co-op Manager and the National Marine Fisheries Service all continued during 2018 as established in year 2000 and as conducted in 2001-2017.

UFC BERING SEA POLLOCK ALLOCATION TRANSFERS AND CATCH

UFC 2018 pollock allocation represented 9.575% of the total Bering Sea final directed pollock allocation and 22.094% of the inshore sector allocation. Exhibit 2 shows the distribution of final 2018 pollock allocations between the seven inshore pollock cooperatives. UFC's allocation of 22.094% of the inshore sector allocation ranked UFC as the second largest inshore co-op. In 2018, UFC's 13 member vessels received a final AFA Bering Sea pollock allocation that totaled 131,980.497 mt (Exhibit 3). Each of the 13 UFC vessel's final pollock allocations are identified in Exhibit 3 showing their respective tonnage and each vessel's percentage of the UFC total allocation.

Exhibit 4 reports the final 2018 Bering Sea pollock allocations for each of the remaining and active 11 vessels in the UniSea fleet during the 2018 season after in-season transfers of pollock allocations between member vessels. Two member vessels (*Mar Gun* and the *Morning Star*) transferred all or nearly all of their 2018 pollock quota to other UFC member vessels.

Exhibit 5 provides UFC Bering Sea pollock catches that occurred during the 2018 season relative to final allocations after all co-op transfers. The UFC directed Bering Sea pollock catch totaled 131,950.326 mt, which was 30.171 mt less than the final allocation. This catch equated to 99.9% utilization of the final 2018 Bering Sea pollock allocation.

The AFA cooperative agreements require that co-op member vessels deliver at least 90% of the co-op's Bering Sea pollock catch to their cooperative processor. During 2018, UFC member vessels deliveries were greater than 90% of all directed pollock deliveries by UFC member vessels, in keeping with AFA requirements. No pollock caught during UFC operations in 2018 was landed outside of Alaska.

Bycatch of other groundfish, herring, halibut, crab and salmon from the directed Bering Sea pollock fishery is detailed by member vessel in Exhibit 6. Pollock represented 99.12 % of the total catch of pollock plus all other groundfish in the directed pollock fishery.

Vessel-level detail of salmon bycatch in the directed Bering Sea pollock fishery is reported for UFC in 2018 to meet current reporting requirements under Amendment 110. Specifically, Exhibit 6 summarizes the seasonal (A and B) catches of Chinook and chum salmon (other salmon). The reporting requirements for the number of appearances of each vessel on the lists of highest 20 vessel's salmon bycatch ("dirty 20" lists) by season for non-Chinook salmon are not provided in this UFC report as in prior recent years because there are no longer industry "dirty 20" lists. Salmon bycatch measures were in effect under Amendment 110 continuing in 2018, which was implemented to improve the management of Chinook and chum salmon bycatch in the Bering Sea pollock fishery by creating a comprehensive salmon bycatch avoidance program, and UFC salmon bycatch was covered under the inshore Salmon Savings Incentive Plan Agreement (SSIP).

SIDEBOARD LIMITATIONS, ALLOCATIONS AND CATCHES

The laws of the AFA place limits on AFA qualified catcher vessels whereby their harvest of groundfish other than Bering Sea pollock is limited to historic levels. Halibut bycatch (PSC) is also limited through the co-op sideboard allocations. By AFA definition, all catch of groundfish sideboard species made by non-exempt AFA catcher vessels, whether as targeted catch or incidental catch, are to be deducted from the sideboard limits. These are reported in the final harvest specifications and are intended to be a cap on all catches of these species.

Initial BSAI sideboard limits for all AFA CV cooperatives totaled 42,063 mt for all sideboard species. Of this total, only BSAI Pacific cod was allocated further to AFA co-ops and the allocation to UFC vessels totaled 3,457 mt. After an inter-co-op transfer of 160 mt, the final sideboard limit for UFC cod was 3,617 mt. A total of 3,780 mt of BSAI sideboard species (including 3,320 mt of directed cod) were caught by UFC vessels and 297 mt of UFC allocated sideboards (cod only) were left unharvested (Exhibit 7). Aggregate differences between catch and sideboard limits for all AFA CV cooperatives will be reported in the Inter-coop Report.

Initial GOA sideboard limits for all AFA CV cooperatives totaled 49,154 mt for all sideboard species. Only pollock and Pacific cod in GOA sideboard limits were allocated further to AFA co-ops and UFC allocation to vessels totaled 4,593 mt (Exhibit 8). UFC member vessels did not conduct fisheries for pollock or for other species of groundfish in the GOA management region and all GOA sideboard limits were left unharvested.

DIRECTED BERING SEA COD AND GULF POLLOCK FISHERY

UFC member vessels conducted a small directed Bering Sea cod fishery within sideboard limits (3,617 mt) and under sideboard allocation (3,167 mt) during 2018. This fishery was conducted by four member vessels and yielded a harvest of 3,320 mt (Exhibit 9). UFC member vessels did not conduct a directed fishery

for Gulf of Alaska pollock, and they did not conduct directed fisheries for yellowfin sole or rock sole.

Bycatch of other groundfish, halibut, herring, crab and salmon in the UFC directed Bering Sea cod fishery is detailed in Exhibit 10. Cod comprised 96.3% of the total groundfish catch in UFC's directed Bering Sea cod fishery.

As earlier noted, UFC member vessels did not fish Gulf of Alaska pollock in 2018 and there was one transfer of 600 mt of UFC GOA sideboard pollock allocation to the Unalaska Co-op (Exhibit 11).

DIRECTED CRAB FISHING

Amendments 18 and 19 to the Fishery Management Plan for BSAI king and Tanner crab (70FR 10174 – March 2005), commonly referred to as the BSAI Crab Rationalization Program, have eliminated the prior AFA crab harvesting reporting requirements by AFA pollock vessels.

UFC PROHIBITED SPECIES AND ALL GROUND FISH CATCH TOTALS

UFC member vessel total prohibited species catches of halibut, herring, Bristol Bay red king crab, *bairdi* Tanner crab, other Tanner crab, chinook salmon and other salmon from all directed Bering Sea pollock and cod fisheries are provided in Exhibit 12. UFC member vessels' total catch (landings and discards) for all BSAI sideboard species by area and vessel is shown in Exhibit 13.

UFC MONITORING AND ENFORCEMENT

All UFC directed Bering Sea pollock and cod catches, as well as sideboard catches and the halibut PSC were successfully managed and did not exceed allocations. The co-op was accordingly not required to take any enforcement actions.

Exhibit 1. Schematic of UniSea Fleet Cooperative Operations, 2018.

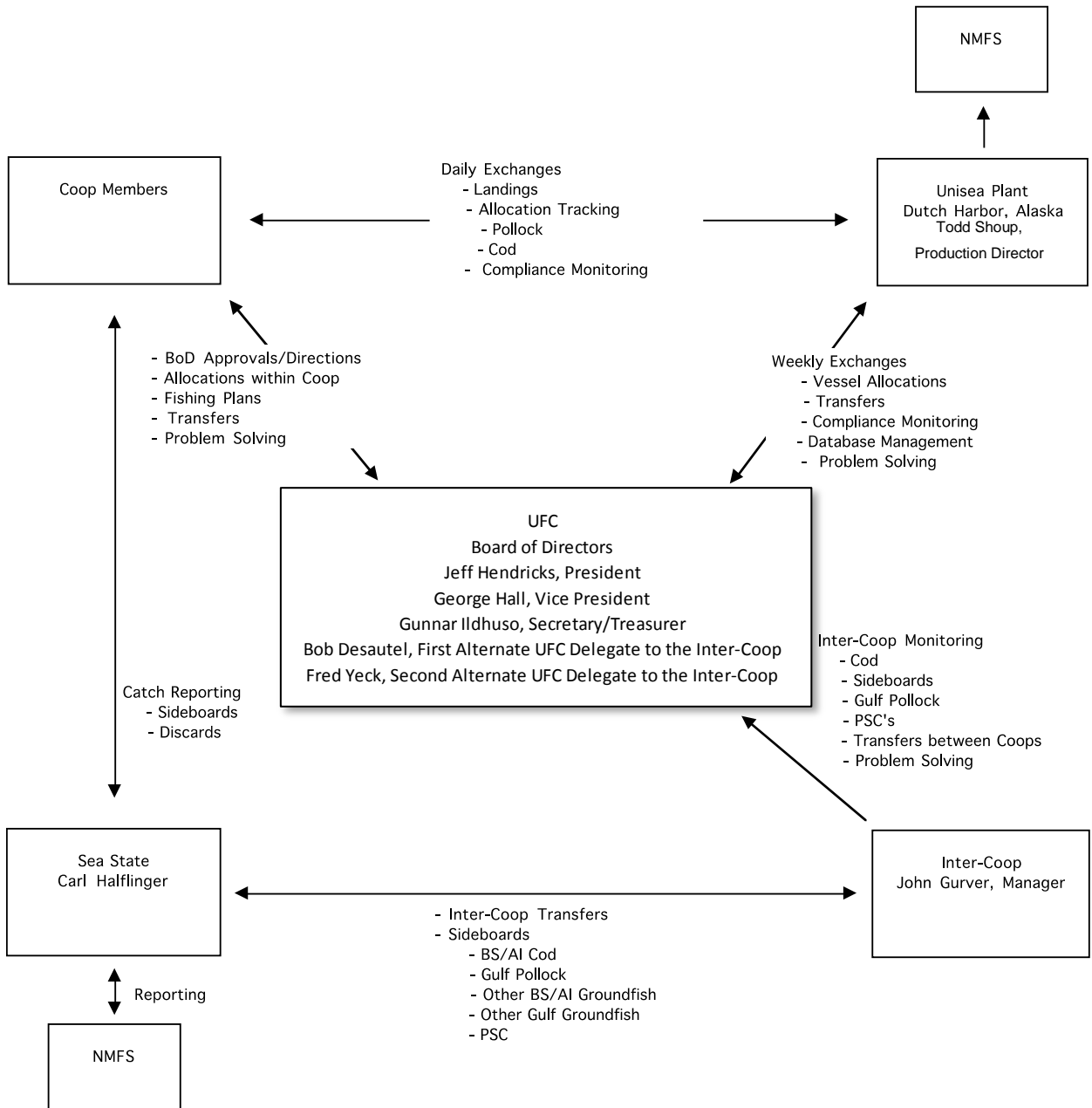


Exhibit 2. Percent distribution of 2018 Bering Sea "inshore pollock allocation" between the seven inshore AFA pollock cooperatives.

Bering Sea Inshore Pollock Co-op 2018 Allocation

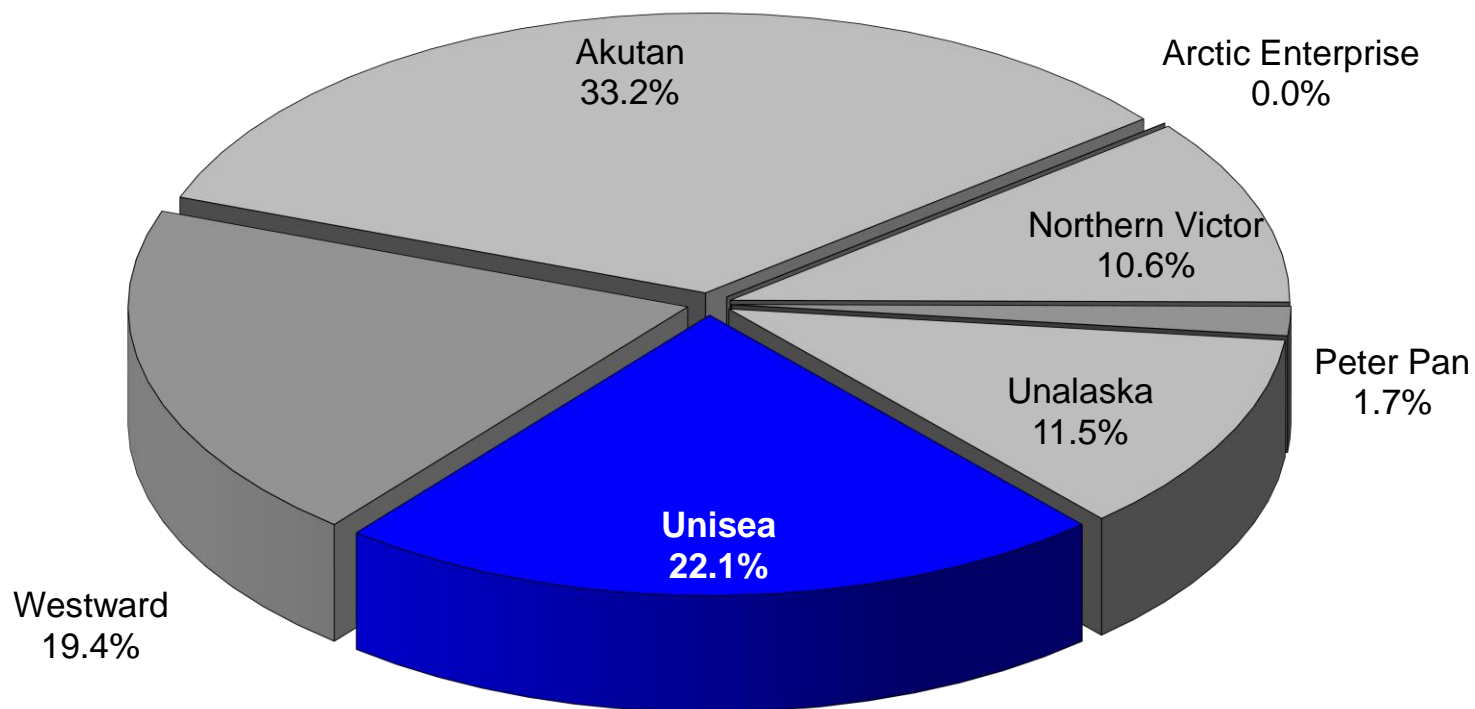


Exhibit 3. UniSea Fleet Cooperative member vessel initial pollock allocations expressed as a percentage of the co-op total, as a percentage of the Bering Sea directed inshore pollock fishery, and in metric tons for 2018.

| Boat | % Co-op Allocation* | Pollock Allocations % Directed Inshore Pollock Fishery | Annual Allocation (MT) |
|--------------------|---------------------|--|------------------------|
| Alsa | 8.126% | 1.795% | 10,725.252 |
| Argosy | 7.977% | 1.763% | 10,528.602 |
| Auriga | 15.135% | 3.344% | 19,974.832 |
| Aurora | 15.139% | 3.345% | 19,980.244 |
| Defender | 15.761% | 3.482% | 20,801.161 |
| Fierce Allegiance | 4.244% | 0.938% | 5,601.379 |
| MarGun | 0.472% | 0.104% | 623.079 |
| Nordic Star | 6.272% | 1.386% | 8,277.941 |
| Starfish | 6.841% | 1.511% | 9,028.381 |
| Starlite | 5.545% | 1.225% | 7,318.839 |
| Starward | 5.708% | 1.261% | 7,533.307 |
| Seadawn | 6.385% | 1.411% | 8,427.474 |
| Morning Star (57') | 2.394% | 0.529% | 3,160.006 |
| UFC Total | 100.000% | 22.094% | 131,980.497 |

* Some totals are rounded. Allocations from updated, signed Unisea harvest schedules.

Exhibit 4. UniSea Fleet Cooperative member vessel final Bering Sea directed pollock allocations for 2018 after co-op transfers.

| Boat | Initial Pollock Allocation (MT) | Within Co-op Net Transfer In & Out (MT) | Final Pollock Allocation (MT) |
|--------------------|---------------------------------|---|-------------------------------|
| Alsea | 10,725.252 | +390.801 | 11,116.053 |
| Argosy | 10,528.602 | +591.456 | 11,120.058 |
| Auriga | 19,974.832 | -452.460 | 19,522.372 |
| Aurora | 19,980.244 | +464.258 | 20,444.502 |
| Defender | 20,801.161 | 0.000 | 20,801.161 |
| Fierce Allegiance | 5,601.379 | +3,146.724 | 8,748.103 |
| MarGun | 623.079 | -623.046 | 0.033 |
| Nordic Star | 8,277.941 | 0.000 | 8,277.941 |
| Starfish | 9,028.381 | +36.160 | 9,064.541 |
| Starlite | 7,318.839 | -9.662 | 7,309.177 |
| Starward | 7,533.307 | -62.220 | 7,471.087 |
| Seadawn | 8,427.474 | -328.591 | 8,098.883 |
| Morning Star (57') | 3,160.006 | -3,153.420 | 6.586 |
| UFC Total | 131,980.497 | 0.000 | 131,980.497 |

Exhibit 5. Comparison of UniSea Fleet Cooperative member vessels directed Bering Sea pollock catches with final allocations, 2018.

| Boat | Final Pollock Allocation (MT) | Directed Bering Sea Pollock Catch by Vessel (MT) | Difference Over (+) Under (-) |
|--------------------|-------------------------------|--|-------------------------------|
| Alesa | 11,116.053 | 11,115.987 | -0.066 |
| Argosy | 11,120.058 | 11,120.024 | -0.034 |
| Auriga | 19,522.372 | 19,550.668 | +28.296 |
| Aurora | 20,444.502 | 20,416.194 | -28.308 |
| Defender* | 20,801.161 | 20,801.434 * | +0.273 |
| Fierce Allegiance | 8,748.103 | 8,736.366 | -11.736 |
| MarGun | 0.033 | 0.000 | -0.033 |
| Nordic Star | 8,277.941 | 8,275.901 | -2.040 |
| Starfish | 9,064.541 | 9,054.796 | -9.745 |
| Starlite | 7,309.177 | 7,309.116 | -0.061 |
| Starward | 7,471.087 | 7,471.009 | -0.079 |
| Seadawn | 8,098.883 | 8,098.831 | -0.052 |
| Morning Star (57') | 6.586 | 0.000 | -6.586 |
| UFC Total | 131,980.497 | 131,950.326 | -30.171 |

Pollock catch totals are from Seastate.

* Directed catch includes Amendment 69 contractual fishing amounts as reported by the Co-op where F/V Defender's allocation was delivered by two non-UFC vessels (F/Vs Bering Defender, and Defender-GS).

Exhibit 6. Directed pollock catch, bycatch of other groundfish and PSC's in the directed pollock fishery for the UniSea Fleet Cooperative member vessels, 2018.

| Boat | Directed Bering Sea Pollock Catch (MT) | Other Groundfish Catch (MT) | Halibut Mortality (MT) | Herring Catch (MT) | Red King Crab (#) | <i>bairdi</i> Tanner Crab (#) | Other Tanner Crab (#) | A Season | | B Season | |
|--------------------|---|--------------------------------------|------------------------------|--------------------------|----------------------------|--|--------------------------------|--------------------------|------------------------|--------------------------|------------------------|
| | | | | | | | | Chinook Salmon (#) | Other Salmon (#) | Chinook Salmon (#) | Other Salmon (#) |
| Alesa | 11,115.987 | 110.43 | 0.00 | 4.49 | 0 | 0 | 0 | 105 | 0 | 43 | 3,599 |
| Argosy | 11,120.024 | 114.01 | 0.00 | 0.00 | 0 | 0 | 0 | 104 | 1 | 32 | 340 |
| Auriga | 19,550.668 | 167.41 | 0.00 | 18.99 | 0 | 0 | 0 | 162 | 0 | 70 | 4,408 |
| Aurora | 20,416.194 | 198.70 | 0.00 | 2.60 | 0 | 0 | 0 | 123 | 0 | 44 | 478 |
| Defender* | 20,801.434 | 100.60 | 0.23 | 2.83 | 1 | 42 | 0 | 217 | 1 | 118 | 6,244 |
| Fierce Allegiance | 8,736.366 | 56.26 | 0.00 | 7.02 | 0 | 0 | 0 | 50 | 2 | 21 | 2,343 |
| MarGun | 0.000 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nordic Star | 8,275.901 | 103.62 | 0.00 | 0.33 | 0 | 0 | 0 | 114 | 1 | 45 | 2,968 |
| Starfish | 9,054.796 | 102.80 | 0.00 | 3.30 | 0 | 0 | 0 | 28 | 1 | 67 | 4,232 |
| Starlite | 7,309.116 | 59.44 | 0.00 | 0.00 | 0 | 0 | 0 | 43 | 1 | 39 | 2,543 |
| Starward | 7,471.009 | 90.60 | 0.02 | 0.07 | 0 | 0 | 0 | 57 | 0 | 28 | 3,187 |
| Seadawn | 8,098.831 | 65.03 | 0.00 | 0.61 | 0 | 0 | 0 | 60 | 0 | 40 | 2,339 |
| Morning Star (57') | 0.000 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UFC Total | 131,950.326 | 1,168.89 | 0 | 40 | 1 | 42 | 0 | 1,063 | 7 | 547 | 32,681 |

Directed pollock catch totals, PSCs and Other Groundfish are from Seastate.

* Catches from Amendment 69 contractual fishing by two non UFC vessels are included in F/V Defender vessel totals.

Exhibit 7. BSAI sideboard limits and aggregate catch for the UniSea Fleet Cooperative member vessels, 2018.

| BSAI Sideboard Species Limits from 2018 Final Specs Table 22 Area/Species/Season | 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) | Difference Over "+" (mt) Under "-" (mt) |
|--|---|--|---|-------------------------------------|-------------------------|---|
| BSAI Pacific cod | 34,631 | 3,457 | 160 | 3,617 | 3,320 | -297 |
| BS Sablefish | 56 | NA | NA | NA | 8 | NA |
| AI Sablefish | 27 | NA | NA | NA | 0 | NA |
| Eastern BSAI Atka mackerel | 104 | NA | NA | NA | 46 | NA |
| Central AI Atka mackerel | 2 | NA | NA | NA | 0 | NA |
| Western AI Atka mackerel | 0 | NA | NA | NA | 0 | NA |
| BSAI rock sole | 1,434 | NA | NA | NA | 87 | NA |
| BS Greenland turbot | 281 | NA | NA | NA | 2 | NA |
| AI Greenland turbot | 3 | NA | NA | NA | 0 | NA |
| BSAI arrowtooth flounder | 799 | NA | NA | NA | 20 | NA |
| BSAI Kamchatka flounder | 293 | NA | NA | NA | 0 | NA |
| BSAI Alaska plaice | 604 | NA | NA | NA | 1 | NA |
| BSAI other flatfish | 150 | NA | NA | NA | 21 | NA |
| BSAI flathead sole | 654 | NA | NA | NA | 62 | NA |
| BS Pacific ocean perch | 1,008 | NA | NA | NA | 178 | NA |
| Eastern AI Pacific ocean perch | 62 | NA | NA | NA | 0 | NA |
| Central AI Pacific ocean perch | 17 | NA | NA | NA | 0 | NA |
| Western AI Pacific ocean perch | 0 | NA | NA | NA | 0 | NA |
| BSAI northern rockfish | 44 | NA | NA | NA | 0 | NA |
| BSAI shortraker rockfish | 1 | NA | NA | NA | 0 | NA |
| EBS/EAI rougheye rockfish | 0 | NA | NA | NA | 0 | NA |
| CAI/WAI rougheye rockfish | 1 | NA | NA | NA | 0 | NA |
| BS other rockfish | 1 | NA | NA | NA | 1 | NA |
| AI other rockfish | 5 | NA | NA | NA | 0 | NA |
| BSAI skates | 1,242 | NA | NA | NA | 0 | NA |
| BSAI sculpins | 230 | NA | NA | NA | 0 | NA |
| BSAI sharks | 10 | NA | NA | NA | 0 | NA |
| BSAI squid | 390 | NA | NA | NA | 36 | NA |
| BSAI octopuses | 14 | NA | NA | NA | 0 | NA |
| Co-op All Species Sideboard Total | 42,063 | NA | 160 | NA | 3,780 | -297 |
| PSC limited halibut for Bering Sea | | | | | | |
| Directed cod fishery -----> | | 34 | | | | |

Note: Some totals are rounded. Catch totals are from Seastate data

Yellowfin sole exempted as sideboard species by 679.64(b)(6).

* UFC sideboard allocations are made from total AFA CV sideboard limit when a directed fishery may occur - for 2018 this was for Pacific cod only as directed fishing is prohibited (see Table 22, 83FR8365) for all BSAI sideboard species except Pacific cod and yellowfin sole (see note* above).

** Final sideboard limit totals may also include amounts withheld for bycatch requirements.

Exhibit 8. GOA sideboard limits and aggregate catch for the UniSea Fleet Cooperative member vessels, 2018.

| GOA Sideboard Species Limits from 2018 Final Specs Table 18* | Total AFA CV | Initial UFC* | Inter-Co-op | Final | UFC Co-op | Difference | |
|---|--------------|--------------|---------------|--------------|------------|-----------------------------------|--------|
| | Sideboard | Sideboard | Sideboard | Sideboard | | | |
| Area/Species/Season | Limit (mt) | Limit (mt) | Transfer (mt) | Limit (mt)** | Catch (mt) | Over "+*" (mt) Under "-*" (mt) | |
| Area 610 "A" season pollock | 796 | 133 | 0 | 133 | 0 | -133 | |
| Area 620 "A" season pollock | 3,188 | 2 | 0 | 2 | 0 | -2 | |
| Area 630 "A" season pollock | 1,830 | 31 | 0 | 31 | 0 | -31 | |
| Area 610 "B" season pollock | 796 | 133 | 0 | 133 | 0 | -133 | |
| Area 620 "B" season pollock | 3,752 | 3 | 0 | 3 | 0 | -3 | |
| Area 630 "B" season pollock | 848 | 14 | 0 | 14 | 0 | -14 | |
| Area 610 "C" season pollock | 8,331 | 1,394 | 0 | 1,394 | 0 | -1,394 | |
| Area 620 "C" season pollock | 1,169 | 1 | 0 | 1 | 0 | -1 | |
| Area 630 "C" season pollock | 2,812 | 48 | 0 | 48 | 0 | -48 | |
| Area 610 "D" season pollock | 8,331 | 1,394 | 0 | 1,394 | 0 | -1,394 | |
| Area 620 "D" season pollock | 1,169 | 1 | 0 | 1 | 0 | -1 | |
| Area 630 "D" season pollock | 2,812 | 48 | 0 | 48 | 0 | -48 | |
| Area 640 Annual pollock | 2,388 | 1,296 | -600 | 696 | 0 | -696 | |
| Area 650 Annual pollock | 3,066 | NA | NA | NA | 0 | NA | |
| Western "A" season GOA Pacific cod | 452 | 51 | 0 | 51 | 0 | -51 | |
| Central "A" season GOA Pacific cod | 253 | 5 | 0 | 5 | 0 | -5 | |
| Western "B" season GOA Pacific cod | 301 | 34 | 0 | 34 | 0 | -34 | |
| Central "B" season GOA Pacific cod | 169 | 3 | 0 | 3 | 0 | -3 | |
| Eastern Annual inshore GOA Pacific cod | 10 | NA | NA | NA | 0 | NA | |
| Eastern Annual offshore GOA Pacific cod | 1 | NA | NA | NA | 0 | NA | |
| Western GOA sablefish | 0 | 0 | 0 | 0 | 0 | 0 | |
| Central GOA sablefish | 66 | NA | NA | NA | 0 | NA | |
| Eastern GOA sablefish | 10 | NA | NA | NA | 0 | NA | |
| Western GOA shallow-water flatfish | 207 | 0 | 0 | 0 | 0 | 0 | |
| Central GOA shallow-water flatfish | 1,486 | 3 | 0 | 3 | 0 | -3 | |
| Eastern GOA shallow-water flatfish | 53 | 0 | 0 | 0 | 0 | 0 | |
| Western GOA deep-water flatfish | 0 | 0 | 0 | 0 | 0 | 0 | |
| Central GOA deep-water flatfish | 220 | 0 | 0 | 0 | 0 | 0 | |
| Eastern GOA deep-water flatfish | 71 | 0 | 0 | 0 | 0 | 0 | |
| Western GOA rex sole | 2 | 0 | 0 | NA | 0 | NA | |
| Central GOA rex sole | 336 | 0 | 0 | NA | 0 | NA | |
| Eastern GOA rex sole | 10 | 0 | 0 | NA | 0 | NA | |
| Western GOA arrowtooth flounder | 30 | 0 | 0 | 0 | 0 | 0 | |
| Central GOA arrowtooth flounder | 1,344 | 0 | 0 | 0 | 0 | 0 | |
| Eastern GOA arrowtooth flounder | 3 | 0 | 0 | 0 | 0 | 0 | |
| Western GOA flathead sole | 31 | 0 | 0 | NA | 0 | NA | |
| Central GOA flathead sole | 328 | 0 | 0 | NA | 0 | NA | |
| Eastern GOA flathead sole | 2 | 0 | 0 | NA | 0 | NA | |
| Western GOA Pacific ocean perch | 8 | NA | NA | NA | 0 | NA | |
| Central GOA Pacific ocean perch | 1,504 | NA | NA | NA | 0 | NA | |
| Eastern GOA Pacific ocean perch | 271 | NA | NA | NA | 0 | NA | |
| Western GOA northern rockfish | 0 | NA | NA | NA | 0 | NA | |
| Central GOA northern rockfish | 90 | NA | NA | NA | 0 | NA | |
| Western GOA shortraker rockfish | 0 | 0 | 0 | 0 | 0 | 0 | |
| Central GOA shortraker rockfish | 7 | NA | NA | NA | 0 | NA | |
| Eastern GOA shortraker rockfish | 6 | NA | NA | NA | 0 | NA | |
| Western GOA dusky rockfish | 0 | 0 | 0 | 0 | 0 | 0 | |
| Central GOA dusky rockfish | 0 | 0 | 0 | 0 | 0 | 0 | |
| Eastern GOA dusky rockfish | 2 | 0 | 0 | 0 | 0 | 0 | |
| Western GOA rougheye rockfish | 0 | 0 | 0 | 0 | 0 | 0 | |
| Central GOA rougheye rockfish | 13 | NA | NA | NA | 0 | NA | |
| Eastern GOA rougheye rockfish | 9 | NA | NA | NA | 0 | NA | |
| SEO GOA demersal shelf rockfish | 1 | NA | NA | NA | 0 | NA | |
| Western GOA thornyhead rockfish | 10 | NA | NA | NA | 0 | NA | |
| Central GOA thornyhead rockfish | 26 | NA | NA | NA | 0 | NA | |
| Eastern GOA thornyhead rockfish | 22 | NA | NA | NA | 0 | NA | |
| Central GOA other rockfish | 295 | NA | NA | NA | 0 | NA | |
| Eastern GOA other rockfish | 0 | 0 | 0 | 0 | 0 | 0 | |
| GOA Atka mackerel | 93 | NA | NA | NA | 0 | NA | |
| Western GOA big skates | 3 | NA | NA | NA | 0 | NA | |
| Central GOA big skates | 11 | NA | NA | NA | 0 | NA | |
| Eastern GOA big skates | 4 | NA | NA | NA | 0 | NA | |
| Western GOA longnose skates | 1 | 0 | 0 | 0 | 0 | 0 | |
| Central GOA longnose skates | 18 | NA | NA | NA | 0 | NA | |
| Eastern GOA longnose skates | 4 | NA | NA | NA | 0 | NA | |
| GOA other skates | 9 | NA | NA | NA | 0 | NA | |
| GOA sculpins | 33 | NA | NA | NA | 0 | NA | |
| GOA sharks | 28 | NA | NA | NA | 0 | NA | |
| GOA squids | 7 | NA | NA | NA | 0 | NA | |
| GOA octopuses | 6 | NA | NA | NA | 0 | NA | |
| Co-op All Species Sideboard Total | 49,154 | 0 | 4,593 | -600 | 3,993 | 0 | -3,993 |

Note: Some totals are rounded. Catch totals are from UFC & Seastate data.

* UFC sideboard allocations are made from total AFA CV sideboard limit (Table 18, 83FR8768) when a directed fishery may occur.

** Final sideboard limit totals may also include amounts withheld for bycatch requirements.

Exhibit 9. Comparison of UniSea Fleet Cooperative member vessels directed Bering Sea Pacific cod catches with final allocations, 2018.

| Boat | Total Co-op Cod Allocation (MT) | UFC Transfers In(+), Out(-) (MT) | UFC Final Cod Allocation (MT) | <i>Directed</i> Bering Sea Cod Catch (MT) | Difference Over (+) Under (-) (MT) |
|--------------------|--|---|--|--|---|
| Alsea | 247 | -247 | 0 | 0 | 0 |
| Argosy | 270 | -270 | 0 | 0 | 0 |
| Auriga | 28 | -28 | 0 | 0 | 0 |
| Aurora | 28 | -28 | 0 | 0 | 0 |
| Defender | 12 | 0 | 12 | 0 | -12 |
| Fierce Allegiance | 136 | -136 | 0 | 0 | 0 |
| GunMar | 0 | 0 | 0 | 0 | 0 |
| Nordic Star | 643 | +306 | 950 | 952 | 2 |
| Starfish | 322 | +408 | 730 | 732 | 2 |
| Starlite | 318 | -318 | 0 | 0 | 0 |
| Starward | 586 | +189 | 775 | 777 | 2 |
| Seadawn | 576 | +280 | 856 | 859 | 2 |
| Morning Star (57') | 0 | 0 | 0 | 0 | 0 |
| UFC Total | 3,167 | +156 * | 3,323 | 3,320 | -3 |

Note: Some totals may not add due to rounding. Catch totals are from Seastate data.

* Transfers from Unalaska Co-op of 155.75 mt of cod was completed during the B-season

Exhibit 10. Directed Pacific cod fishing catch and bycatch for the UniSea Fleet Cooperative member vessels, 2018.

| Boat | Directed Bering Sea Pacific cod Catch (MT) | Other Groundfish Catch (MT) | Halibut Mortality (MT) | Herring Catch (MT) | Red King Crab (#) | <i>bairdi</i> Tanner Crab (#) | Other Tanner Crab (#) | Chinook Salmon (#) | Other Salmon (#) |
|--------------------|---|--------------------------------------|------------------------------|--------------------------|----------------------------|--|--------------------------------|--------------------------|------------------------|
| Alsea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Argosy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Auriga | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aurora | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Defender | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fierce Allegiance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GunMar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nordic Star | 952 | 37 | 5 | 0 | 0 | 18 | 0 | 9 | 0 |
| Starfish | 732 | 26 | 1 | 0 | 0 | 27 | 0 | 41 | 0 |
| Starlite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Starward | 777 | 26 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seadawn | 859 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morning Star (57') | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UFC Total | 3,320 | 126 | 10 | 0 | 0 | 45 | 0 | 50 | 0 |

* Some totals are rounded to nearest metric ton or number of animals.

Note: Catch and PSC totals are from Seastate data.

Exhibit 11. Transfers of UniSea Fleet Cooperative Gulf of Alaska pollock sideboard limits to other catcher vessel co-ops, 2018.

| Gulf Area/Season | Transfers To | Transfer Amount (MT) |
|---------------------|--------------|----------------------|
| GOA 640 | Unalaska | 600 |
| Total GOA Transfers | | 600 |

Exhibit 12. UniSea Fleet Cooperative vessel-by-vessel prohibited species catch, 2018.

| Boat | Halibut Mortality (MT) | Herring Catch (MT) | Red King Crab (#) | <i>bairdi</i> Tanner Crab (#) | Other Tanner Crab (#) | Chinook Salmon (#) | Other Salmon (#) |
|--------------------|------------------------------|--------------------------|----------------------------|--|--------------------------------|--------------------------|------------------------|
| Alsea | 0 | 4 | 0 | 0 | 0 | 148 | 3,599 |
| Argosy | 0 | 0 | 0 | 0 | 0 | 136 | 341 |
| Auriga | 0 | 19 | 0 | 0 | 0 | 232 | 4,408 |
| Aurora | 0 | 3 | 0 | 0 | 0 | 167 | 478 |
| Defender | 0 | 3 | 1 | 42 | 0 | 335 | 6,245 |
| Fierce Allegiance | 0 | 7 | 0 | 0 | 0 | 71 | 2,345 |
| GunMar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nordic Star | 5 | 0 | 0 | 18 | 0 | 168 | 2,969 |
| Starfish | 1 | 3 | 0 | 27 | 0 | 136 | 4,233 |
| Starlite | 0 | 0 | 0 | 0 | 0 | 82 | 2,544 |
| Starward | 4 | 0 | 0 | 0 | 0 | 85 | 3,187 |
| Seadawn | 0 | 1 | 0 | 0 | 0 | 100 | 2,339 |
| Morning Star (57') | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UFC Total | 10 | 40 | 1 | 87 | 0 | 1,660 | 32,688 |

* Some totals are rounded to nearest metric ton or number of animals.

Note: PSC totals are from Seastate data.

Exhibit 13. UniSea Fleet Cooperative vessel-by-vessel sideboard species catch (landed and discarded mt), 2018.

| Groundfish Spp/Area | | Alesa | Argosy | Auriga | Aurora | Defender* | Fierce Alleg. | Mar-Gun | Nordic Star | Starfish | Starlite | Starward | Seadawn | UFC Ttl |
|----------------------|-------------------|-------|--------|--------|--------|-----------|---------------|---------|-------------|----------|----------|----------|---------|---------|
| Landed Catch (mt) | Pcod BSAI | 25 | 28 | 16 | 43 | 45 | 25 | 0 | 987 | 764 | 20 | 804 | 882 | 3,638 |
| | Sablefish BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Atka mack. BSAI | 7 | 0 | 3 | 1 | 0 | 0 | 0 | 6 | 0 | 2 | 24 | 0 | 46 |
| | Rock sole BSAI | 2 | 1 | 3 | 9 | 13 | 4 | 0 | 9 | 10 | 7 | 12 | 7 | 77 |
| | Turbot BSAI | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | Arrowtooth BSAI | 1 | 1 | 2 | 2 | 2 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 14 |
| | Kam. flound. BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | AKPlaice BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Oflats BSAI | 1 | 3 | 4 | 3 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 16 |
| | Flathead BSAI | 2 | 3 | 4 | 8 | 8 | 3 | 0 | 12 | 5 | 2 | 2 | 5 | 55 |
| | POP BS | 48 | 12 | 16 | 15 | 7 | 4 | 0 | 11 | 26 | 5 | 3 | 5 | 152 |
| | POP AI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Northern RF BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Shortraker BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rougheye BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ORockfish BS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | ORockfish AI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Skates BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sculpins BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sharks BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Squid BSAI | 5 | 18 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | |
| Octopus BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Yellowfin BSAI | 0 | 0 | 0 | 3 | 5 | 1 | 0 | 1 | 3 | 0 | 4 | 1 | 18 | |
| Groundfish Spp/Area | | Alesa | Argosy | Auriga | Aurora | Defender* | Fierce Alleg. | Mar-Gun | Nordic Star | Starfish | Starlite | Starward | Seadawn | UFC Ttl |
| Discarded Catch (mt) | Pcod BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 2 | 2 | 9 |
| | Sablefish BSAI | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 8 |
| | Atka mack. BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rock sole BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 2 | 2 | 10 |
| | Turbot BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Arrowtooth BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 2 | 6 |
| | Kam. flound. BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | AKPlaice BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Oflats BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 5 |
| | Flathead BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 2 | 2 | 7 |
| | POP BS | 3 | 2 | 5 | 4 | 3 | 1 | 0 | 2 | 1 | 1 | 1 | 2 | 26 |
| | POP AI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Northern RF BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Shortraker BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rougheye BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ORockfish BS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ORockfish AI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Skates BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sculpins BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sharks BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Squid BSAI | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | |
| Octopus BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Yellowfin BSAI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |

Note: some totals are rounded

Total landings and discards of BSAI sideboard species by vessel are provided by Seastate and represent all directed or incidental catch (both landings and discards) taken in all UFC fishing in 2018. F/V Morning Star (57*) did not fish in the Bering Sea in 2018. Yellowfin sole is shown but is not a sideboard species in 2018.

* Includes catches from two vessels during Amendment 69 contract fishing.

ATTACHMENT 1

UFC MEMBERSHIP AGREEMENT 2018 ADDENDUM

UNISEA FLEET COOPERATIVE
MEMBERSHIP AGREEMENT
2018 ADDENDUM

Each of the undersigned hereby acknowledges and agrees that the terms and conditions of the UniSea Fleet Cooperative Amended and Restated Membership Agreement dated as of September 24, 2010, as amended by a First Amendment to Amended and Restated Membership Agreement dated as of January 4, 2011, Second Amendment dated February 4, 2016, and Membership Agreement Addenda dated as of November 16, 2010, and November 9, 2011 (collectively, the "Membership Agreement"), is in full force and effect, and binds the undersigned for the year 2018, and that the Exhibit A attached hereto replaces in its entirety the existing Exhibit A to the Membership Agreement.

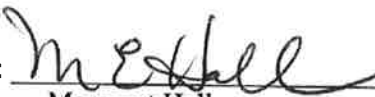
Each of the undersigned hereby certifies that each of its member vessels as identified on the attached Exhibit A: (i) is a "qualified catcher vessel" within the meaning of 50 CFR 679.4(6)(ii)(D); (ii) delivered more pollock to UniSea, Inc. than to any other AFA inshore processor or stationary floating processor in the last year in which the vessel engaged in directed fishing for pollock in the BSAI for delivery to the inshore sector; (iii) is otherwise eligible to fish for groundfish in the BSAI; (iv) has an AFA catcher vessel permit with an inshore endorsement; (v) has no permit sanctions or other type of sanctions against it that would prevent it from fishing for groundfish in the BSAI; and (vi) is named on a valid LLP permit authorizing the vessel to engage in trawling for pollock in the Bering Sea.

Each of the undersigned further certifies that (a) at least 80 percent of the owners of the qualified catcher vessels are parties to the Membership Agreement; and (b) that the Membership Agreement requires that the Cooperative deliver at least 90% of its BSAI Pollock catch to its designated AFA processor.

The cooperative's designated representative within the meaning of 50 CFR 679.61(c) is Duncan R. McIntosh. The cooperative's registered agent for service of process is Mundt MacGregor L.L.P., 271 Wyatt Way NE, Suite 106, Bainbridge Island, Washington 98110-2873.

Dated effective as of November 21, 2017.

RONDYS, INC.

By: 
Name: Margaret Hall
Title: Vice President of Operations

AURIGA/AURORA GENERAL
PARTNERSHIP

By: _____
Name: Jeff Hendricks
Title: Manager

UNISEA FLEET COOPERATIVE
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2018 ADDENDUM

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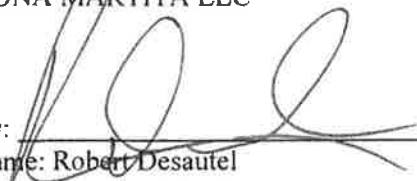
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Title: Manager

DONA MARTITA LLC

By: 
Name: Robert Desautel
Title: Managing Member

FIERCE ALLEGIANCE LLC

By: R&B Fisheries, Inc.
Its: Manager

By: _____
Name: Rick Mezich
Title: President

FISHING VESSEL MORNING STAR LLC

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Its: Manager

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Its: Managing Member

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Title: President

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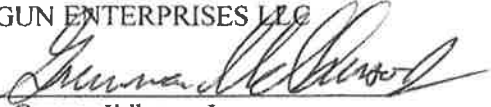
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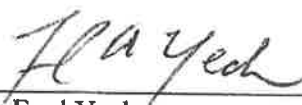
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UNISEA FLEET COOPERATIVE

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Title: President

UNISEA FLEET COOPERATIVE
EXHIBIT A
TO 2018 ADDENDUM

BERING SEA POLLOCK FISHERY
HARVEST SCHEDULE

This Harvest Schedule is based on the best information available to the Members at the time of its preparation. It will be amended from time to time pursuant to the terms of the Cooperative's Membership Agreement.

| <i>MEMBER</i> | <i>VESSEL(S)</i> | <i>PERCENTAGE OF ALLOCATION</i> |
|--------------------------------------|--|---------------------------------|
| Rondys, Inc. | ALSEA – ON 626517 ARGOSY – ON 611365 | 8.1264% 7.9774% |
| Aurora/Auriga General Partnership | AURIGA – ON 639547 AURORA – ON 636919 | 15.1347% 15.1388% |
| Dona Martita LLC | DEFENDER – ON 554030 | 15.7608% |
| Fierce Allegiance LLC | FIERCE ALLEGIANCE ON 588849 | 4.2441% |
| Margun Enterprises LLC | MAR-GUN – ON 525608 | 0.4721% |

| <i>MEMBER</i> | <i>VESSEL(S)</i> | <i>PERCENTAGE OF "ALLOCATION"</i> |
|---------------------------------|---------------------------|-----------------------------------|
| Fishing Vessel Morning Star LLC | MORNING STAR – ON 1037811 | 2.3943% |
| F/V Nordic Star LLC | NORDIC STAR – ON 584684 | 6.2721% |
| F/V Starfish, LLC | STARFISH – ON 561651 | 6.8407% |
| FY Fisheries, Inc. | SEADAWN – ON 548685 | 6.3854% |
| Starlite Fisheries, LLC | STARLITE - ON 597065 | 5.5454% |
| Starward Fisheries, LLC | STARWARD - ON 617807 | 5.7079% |
| Total | | 100.000% |