# ANNUAL REPORT OF THE UNISEA FLEET COOPERATIVE YEAR 2015

PREPARED FOR:

NORTH PACIFIC FISHERY MANAGEMENT COUNCIL

MARCH 29, 2016

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Presented to the North Pacific Fishery Management Council MARCH 29, 2016

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#### INTRODUCTION

UniSea Fleet Cooperative (UFC) is pleased to submit this document and results of their 2015 Bering Sea fishery to the North Pacific Fishery Management Council (NPFMC) in compliance with annual reporting requirements of the 1998 American Fisheries Act (AFA).

Year 2015 was the sixteenth year of UFC operations under the AFA. The UniSea fleet was managed and operated during 2015 following the successful model established during the preceding 2000-2014 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 was one membership change to UFC in 2015 from the prior year. The F/V Morning Star left the UFC and entered the AFA open access sector. The Morning Star did not make any deliveries to UFC in 2015. Seven individual members of the UFC representing 14 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 2015 fishing season (Attachment 1, UniSea Fleet Cooperative Membership Agreement for 2015 dated 11/11/14, and Pollock Harvest Schedule). The F/V Mar Gun and the

57' F/V *Morning Star* did not fish in the Bering Sea in 2015. The 2015 member vessels and their owners are listed below:

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

• F/V Alsea 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

Gunnar Ildhuso, Jr., President, Ildhuso Fisheries, Inc.

• F/V Gun-Mar 164 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 2015 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 2015 as established in year 2000 and as conducted in 2001-2014.

#### UFC BERING SEA POLLOCK ALLOCATION TRANSFERS AND CATCH

UFC 2015 pollock allocation represented 10.589% of the total Bering Sea final directed pollock allocation and 24.510% of the inshore sector allocation. Exhibit 2 shows the distribution of final 2015 pollock allocations between the seven inshore pollock cooperatives. UFC's allocation of 24.510% of the inshore sector allocation ranked UFC as the second largest inshore co-op. In 2015, UFC's 14 member vessels received a final AFA Bering Sea pollock allocation that totaled 140,245.485 mt (Exhibit 3). Each of the 14 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 2015 Bering Sea pollock allocations for each of the remaining and active 12 vessels in the UniSea fleet during the 2015 season after

in-season transfers of pollock allocations between member vessels. Two member vessels (*Mar Gun* and the 57' *Morning Star*) transferred all or nearly all of their 2015 pollock quota to other UFC member vessels.

Exhibit 5 provides UFC Bering Sea pollock catches that occurred during the 2015 season relative to final allocations after all co-op transfers. The UFC directed Bering Sea pollock catch totaled 140,217.663 mt, which was 27.822 mt less than the final allocation. This catch equated to 99.9% utilization of the final 2015 Bering Sea pollock allocation.

The AFA provides that co-op member vessels may deliver up to 10% of the co-op's Bering Sea pollock catch to non-affiliated processors. During 2015, UFC member vessels delivered 138,236.894 mt of their 140,217.663 mt total deliveries to their affiliated plant at UniSea. The UniSea deliveries represented 98.59% of all directed pollock deliveries by UFC member vessels, in keeping with AFA requirements. No pollock caught during UFC operations in 2015 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 99.07 % 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 2015 to meet additional reporting requirements under Amendment 84 (salmon bycatch ICA). Specifically, Exhibit 6 summarizes the seasonal (A and B) catches of Chinook and chum salmon (other salmon), and the number of appearances of each vessel on the "dirty 20" lists for both salmon species. To appear on the "dirty 20" list, a vessel must have exceeded the salmon bycatch base rate for that weekly period and have been among the top 20 vessels with the highest salmon bycatch rate for that weekly period.

Additional salmon bycatch measures were in effect under Amendment 91 in 2015. We have been advised that further details of salmon bycatch in 2015 (including the effectiveness of reduction measures) are to be provided in a Chinook salmon IPA annual report and the non-Chinook salmon ICA annual report – both of which are prepared at the Interco-op level.

#### 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 50,717 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 4,726 mt. A total of 3,506 mt of BSAI sideboard species were caught by UFC vessels and 1,637 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 60,489 mt for all sideboard species. In addition to pollock and Pacific cod, shallow and deepwater flatfish were allocated further to AFA co-ops and UFC allocation to vessels totaled 5,537 mt which was the final allocation after no transfers (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 (4,726 mt) during 2015. This fishery was conducted by four

member vessels and yielded a harvest of 2,388 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 94.5%

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 2015

and there were no transfers of UFC GOA sideboard pollock or cod allocation

(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 GROUNDFISH 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.

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#### 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, 2015.

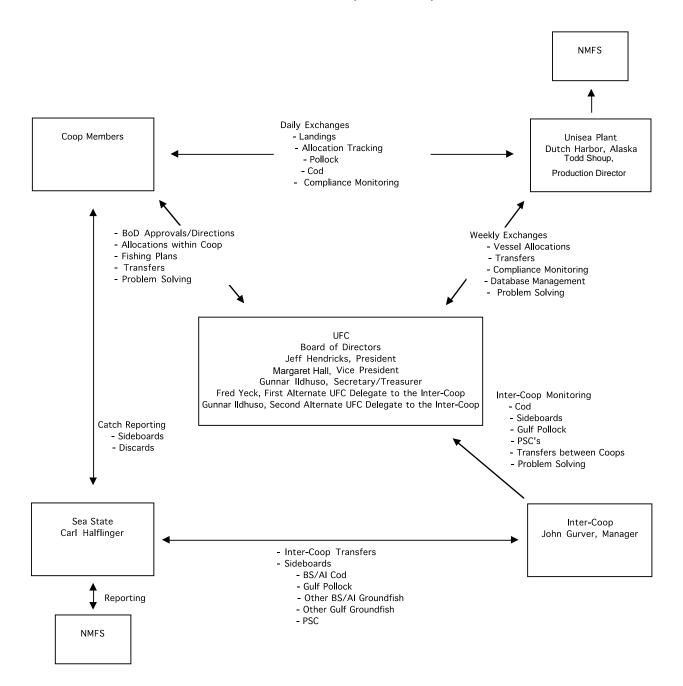


Exhibit 2. Percent distribution of 2015 Bering Sea "inshore pollock allocation" between the seven inshore AFA pollock cooperatives.

### Bering Sea Inshore Pollock Co-op 2015 Allocation

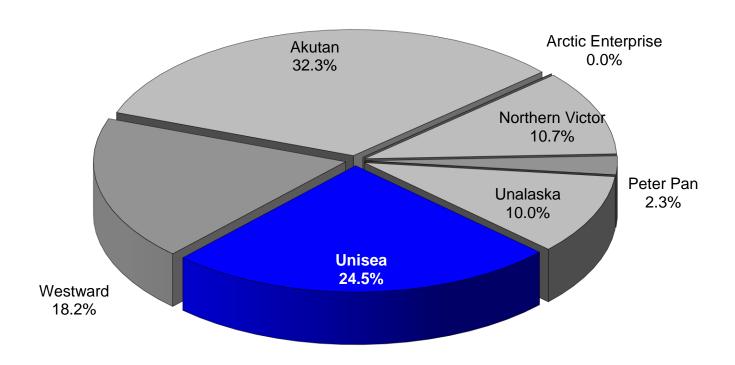


Exhibit 3. UniSea Fleet Cooperative member vessel initial pollock allocations expressed as a percentage of the co-op total, as a percentage of the Bering Sea directed inshore pollock fishery, and in metric tons for 2015.

Boat	% Co-op Allocation*	Pollock Allocations % Directed Inshore Pollock Fishery	Annual Allocation (MT)
Alsea	7.325%	1.795%	10,273.413
Argosy	7.191%	1.763%	10,085.063
Auriga	13.643%	3.344%	19,133.430
Aurora	13.647%	3.345%	19,138.619
Defender	14.207%	3.482%	19,924.836
Fierce Allegiance	3.826%	0.938%	5,365.517
GunMar	9.858%	2.416%	13,824.712
MarGun	0.426%	0.104%	596.745
Nordic Star	5.654%	1.386%	7,929.207
Starfish	6.166%	1.511%	8,648.106
Starlite	4.999%	1.225%	7,010.458
Starward	5.145%	1.261%	7,215.918
Seadawn	5.756%	1.411%	8,072.538
Morning Star (57')	2.158%	0.529%	3,026.921
UFC Total	100.000%	24.510%	140,245.485

<sup>\*</sup> 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 2015 after co-op transfers.

Boat	Initial Pollock Allocation (MT)	Within Co-op Net Transfer In & Out (MT)	Final Pollock Allocation (MT)
Alsea	10,273.413	+61.625	10,335.038
Argosy	10,085.063	-95.060	9,990.003
Auriga	19,133.430	-154.173	18,979.257
Aurora	19,138.619	+154.173	19,292.792
Defender	19,924.836	-6.766	19,918.070
Fierce Allegiance	5,365.517	+2,437.997	7,803.515
GunMar	13,824.712	+603.569	14,428.281
MarGun	596.745	-596.745	0.000
Nordic Star	7,929.207	26.890	7,956.097
Starfish	8,648.106	+192.816	8,840.922
Starlite	7,010.458	484.460	7,494.918
Starward	7,215.918	-85.343	7,130.575
Seadawn	8,072.538	+3.478	8,076.016
Morning Star (57')	3,026.921	-3,026.921	0.000
UFC Total	140,245.485	0.000	140,245.485

Exhibit 5. Comparison of UniSea Fleet Cooperative member vessels directed Bering Sea pollock catches with final allocations, 2015.

Boat	Final Pollock Allocation (MT)	Directed Bering Sea Pollock Catch by Vessel (MT)	Difference Over (+) Under (-)
Alsea	10,335.038	10,329.689	-5.348
Argosy	9,990.003	9,977.221	-12.782
Auriga	18,979.257	18,962.725	-16.532
Aurora	19,292.792	19,283.733	-9.059
Defender	19,918.070	19,918.145 *	+0.075
Fierce Allegiance	7,803.515	7,803.495	-0.020
GunMar	14,428.281	14,438.593 *	+10.312
MarGun	0.000	0.000	0.000
Nordic Star	7,956.097	7,956.344	+0.247
Starfish	8,840.922	8,840.939	+0.016
Starlite	7,494.918	7,494.967	+0.049
Starward	7,130.575	7,130.585	+0.010
Seadawn	8,076.016	8,081.226	+5.210
Morning Star (57')	0.000	0.000	0.000
UFC Total	140,245.485	140,217.663	-27.822

Pollock catch totals are from Seastate.

<sup>\*</sup> Directed catch includes Amendment 69 contractual fishing amounts as reported by the Co-op where 225.408 mt of F/V *Defender* allocation and 63.811 mt of F/V *GunMar* allocation was delivered by one non-UFC vessel (F/V *Arctic Wind*).

Exhibit 6. Directed pollock catch, bycatch of other groundfish and PSC's in the directed pollock fishery for the UniSea Fleet Cooperative member vessels, 2015.

Boat	Directed Bering Sea Pollock Catch (MT)	Other Groundfish Catch (MT)	Halibut Mortality (MT)	Herring Catch (MT)	Red King Crab (#)	bairdi Tanner Crab (#)	Other Tanner Crab (#)	A Chino Salmo # (D	ok on	son** Oth Salm # (		Chin Saln	ook	ason** Other Salmon # (D2)
Alsea	10,329.689	58.68	0	1	0	0	0	112	(0)	63	(0)	12	(0)	3,797 (6)
Argosy	9,977.221	105.68	0	25	0	0	0	113	(0)	65	(0)	28	(0)	3,592 (6)
Auriga	18,962.725	161.34	0	12	0	0	0	338	(0)	129	(0)	67	(0)	4,997 (4)
Aurora	19,283.733	192.99	0	196	0	0	0	259	(0)	72	(0)	51	(0)	6,237 (3)
Defender*	19,918.145	168.53	7	53	0	0	0	216	(0)	60	(0)	27	(0)	7,254 (5)
Fierce Allegiance	7,803.495	84.10	0	4	0	0	0	134	(0)	18	(0)	24	(0)	5,125 (5)
GunMar*	14,438.593	98.71	0	175	0	0	0	226	(0)	79	(0)	20	(0)	5,804 (6)
MarGun	0.000	0.00	0	0	0	0	0	0	(0)	0	(0)	0	(0)	0 (0)
Nordic Star	7,956.344	113.81	0	2	0	0	0	115	(0)	46	(0)	40	(0)	2,827 (3)
Starfish	8,840.939	100.33	0	17	0	0	0	142	(0)	42	(0)	53	(0)	5,513 (8)
Starlite	7,494.967	97.41	0	8	0	0	0	109	(0)	35	(0)	50	(0)	3,418 (6)
Starward	7,130.585	70.94	0	21	0	0	0	107	(0)	56	(0)	34	(0)	4,847 (7)
Seadawn	8,081.226	68.75	0	20	0	0	0	94	(0)	27	(0)	31	(0)	4,583 (6)
Morning Star (57')	0.000	0.00	0	0	0	0	0	0	(0)	0	(0)	0	(0)	0 (0)
UFC Total	140,217.663	1,321.27	7	534	0	0	0	1,965		692		437		57,994

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

<sup>\*</sup> Catches from Amendment 69 contractual fishing by one other vessel are included in two UFC vessel totals.

<sup>\*\*</sup> Chinook and other salmon counts per vessel by season and number of appearances of each vessel on the weekly "dirty 20" list (D2)

Exhibit 7. BSAI sideboard limits and aggregate catch for the UniSea Fleet Cooperative member vessels, 2015.

BSAI Sideboard Species Limits	Total AFA CV	Initial UFC**	Inter-Co-op	Final		Difference
from 2015 Final Specs Table 23	Sideboard	Sideboard	Sideboard	Sideboard	UFC Co-op	Over "+" (mt)
Area/Species/Season	Limit (mt)	Limit (mt)	Transfer (mt)	Limit (mt)***	Catch (mt)	Under "-" (mt)
BSAI Pacific cod	42,378	4,726	0	4,726	3,089	-1,637
BS Sablefish	51	NA	NA	NA	0	NA
Al Sablefish	25	NA	NA	NA	0	NA
Eastern BSAI Atka mackerel	78	NA	NA	NA	7	NA
Central Al Atka mackerel	2	NA	NA	NA	0	NA
Western Al Atka mackerel	0	NA	NA	NA	0	NA
BSAI rock sole	2,109	NA	NA	NA	62	NA
BS Greenland turbot	134	NA	NA	NA	1	NA
Al Greenland turbot	3	NA	NA	NA	0	NA
BSAI arrowtooth flounder	1,290	NA	NA	NA	14	NA
BSAI Kamchatka flounder	381	NA	NA	NA	0	NA
BSAI Alaska plaice	693	NA	NA	NA	0	NA
BSAI other flatfish	136	NA	NA	NA	6	NA
BSAI flathead sole	1,094	NA	NA	NA	94	NA
BS Pacific ocean perch	682	NA	NA	NA	107	NA
Eastern Al Pacific ocean perch	55	NA	NA	NA	0	NA
Central Al Pacific ocean perch	16	NA	NA	NA	0	NA
Western Al Pacific ocean perch	0	NA	NA	NA	0	NA
BSAI northern rockfish	23	NA	NA	NA	0	NA
BSAI shortraker rockfish	1	NA	NA	NA	0	NA
EBS/EAI rougheye rockfish	1	NA	NA	NA	0	NA
CAI/WAI rougheye rockfish	1	NA	NA	NA	0	NA
BS other rockfish	2	NA	NA	NA	1	NA
Al other rockfish	5	NA	NA	NA	0	NA
BSAI skates	1,182	NA	NA	NA	0	NA
BSAI sculpins	216	NA	NA	NA	0	NA
BSAI sharks	7	NA	NA	NA	0	NA
BSAI squid	130	NA	NA	NA	124	NA
BSAI octopuses	22	NA	NA	NA	0	NA
Co-op All Species Sideboard Total	50,717	NA	0	NA	3,506	-1,637

PSC limited halibut for Bering Sea
Directed cod fishery -----> 42

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

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

<sup>\*</sup> UFC sideboard allocations are made from total AFA CV sideboard limit when a directed fishery may occur - for 2015 this was for Pacific cod only as directed fishing is prohibited (see Table 23, 80FR11938) for all BSAI sideboard species except Pacific cod and yellowfin sole (see note\* above).

<sup>\*\*</sup> 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, 2015.

GOA Sideboard Species Limits from 2015 Final Specs Table 21* 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
Area 610 "A" season pollock	2,196	447	0	447	0	-447
Area 620 "A" season pollock	3,560	2	0	2	0	-2
Area 630 "A" season pollock	2,295	39	0	39	0	-39
Area 610 "B" season pollock	2,196	447	0	447	0	-447
Area 620 "B" season pollock	4,414	3	0	3	0	-3
Area 630 "B" season pollock	811	14	0	14	0	-14
Area 610 "C" season pollock	7,368	1,500	0	1,500	0	-1,500
Area 620 "C" season pollock	1,707	1	0	1,555	0	-1
Area 630 "C" season pollock	3,780	64	0	64	0	-64
Area 610 "D" season pollock	7,368	1,500	0	1,500	0	-1,500
Area 620 "D" season pollock	1,707	1,500	0	1,500	0	-1,500
Area 630 "D" season pollock		64	0	64	0	-64
·	3,780					
Area 640 Annual pollock	1,649	895	0	895	0	-895
Area 650 Annual pollock	4,412	0	NA	NA	0	NA
Western "A" season GOA Pacific cod	2,164	256	0	256	0	-256
Central "A" season GOA Pacific cod	1,910	36	0	36	0	-36
Western "B" season GOA Pacific cod	1,442	171	0	171	0	-171
Central "B" season GOA Pacific cod	1,273	24	0	24	0	-24
Eastern Annual inshore GOA Pacific cod	15	0	NA	NA	0	NA
Eastern Annual offshore GOA Pacific cod	2	0	NA	NA	0	NA
Western GOA sablefish	0	0	0	0	0	0
Central GOA sablefish	60	NA	NA	NA	0	NA
Eastern GOA sablefish	10	NA	NA	NA	0	NA
Western GOA shallow-water flatfish	207	70	0	70	0	-70
Central GOA shallow-water flatfish	1,133	2	0	2	0	-2
Eastern GOA shallow-water flatfish	36	0	0	0	0	0
Western GOA deep-water flatfish	0	0	0	0	0	0
Central GOA deep-water flatfish	239	0	0	0	0	0
Eastern GOA deep-water flatfish	120	0	0	0	0	0
Western GOA rex sole	1	0	0	NA	0	NA
Central GOA rex sole	223	0	0	NA	0	NA
Eastern GOA rex sole	6	0	0	NA.	0	NA NA
Western GOA arrowtooth flounder	30	0	0	0	0	0
	2,100	0	0	0	0	0
Central GOA arrowtooth flounder						
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	3	0	0	NA	0	NA
Western GOA Pacific ocean perch	5	NA	NA	NA	0	NA
Central GOA Pacific ocean perch	1,187	NA	NA	NA	0	NA
Eastern GOA Pacific ocean perch	132	NA	NA	NA	0	NA
Western GOA northern rockfish	0	NA	NA	NA	0	NA
Central GOA northern rockfish	104	NA	NA	NA	0	NA
Western GOA shortraker rockfish	0	0	0	0	0	0
Central GOA shortraker rockfish	9	NA	NA	NA	0	NA
Eastern GOA shortraker rockfish	9	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	10	0	0	0	0	0
Western GOA rougheye rockfish	0	0	0	0	0	0
Central GOA rougheye rockfish	15	NA	NA	NA	0	NA
Eastern GOA rougheye rockfish	5	NA NA	NA	NA	0	NA NA
SEO GOA demersal shelf rockfish	1	NA	NA	NA	0	NA
Western GOA thornyhead rockfish	7	NA NA	NA NA	NA NA	0	NA NA
Central GOA thornyhead rockfish	25	NA NA	NA NA	NA NA	0	NA NA
Eastern GOA thornyhead rockfish	20	NA NA	NA NA	NA NA	0	NA NA
Western GOA other rockfish	0			0	0	0
		0	0			
Central GOA other rockfish	175	NA	NA	NA 0	0 0	NA
Eastern GOA other rockfish	0	0	0			0
GOA Atka mackerel	62	NA	NA	NA	0	NA
Western GOA big skates	5	NA	NA	NA	0	NA
Central GOA big skates	8	NA	NA	NA	0	NA
Eastern GOA big skates	8	NA	NA	NA	0	NA
Western GOA longnose skates	1	0	0	0	0	0
Central GOA longnose skates	13	NA	NA	NA	0	NA
Eastern GOA longnose skates	6	NA	NA	NA	0	NA
GOA other skates	14	NA	NA	NA	0	NA
GOA sculpins	35	NA	NA	NA	0	NA
GOA sharks	38	NA	NA	NA	0	NA
GOA squids	7	NA	NA	NA	0	NA
GOA octopuses	9	NA NA	NA	NA	0	NA
	J	INA	0	5,537	0	-5,537

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

 $<sup>^{\</sup>star}$  UFC sideboard allocations are made from total AFA CV sideboard limit (Table 21, 80FR10267) when a directed fishery may occur.

<sup>\*\*</sup> 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, 2015.

Boat	Total* Co-op Cod Allocation (MT)	UFC Transfers In(+), Out(-) (MT)	UFC Final Cod Allocation (MT)	Directed Bering Sea Cod Catch (MT)	Difference Over (+) Under (-) (MT)
Alsea	297	0	297	0	-297
Argosy	325	0	325	0	-325
Auriga	34	0	34	0	-34
Aurora	34	0	34	0	-34
Defender	52	0	52	0	-52
Fierce Allegiance	164	0	164	0	-164
GunMar	288	0	288	0	-288
MarGun	0	0	0	0	0
Nordic Star	731	0	731	580	-151
Starfish	386	+161	547	547	1
Starlite	381	-161	220	0	-220
Starward	704	+0	704	679	-24
Seadawn	692	+0	692	580	-111
Morning Star (57')	0	+0	0	0	0
UFC Total	4,129 **	0 **	4,093 **	2,388	-1,743

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

<sup>\*</sup> Total Co-op cod allocation is shown after redistribution of Pacific Monarch cod.

<sup>\*\*</sup> UFC Total allocation includes 41.34 mt of cod held by Aleutian Spray Fisheries not transferred to a vessel.

Exhibit 10. Directed Pacific cod fishing catch and bycatch for the UniSea Fleet Cooperative member vessels, 2015.

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
MarGun	0	0	0	0	0	0	0	0	0
Nordic Star	580	35	1	0	0	0	0	0	0
Starfish	547	26	3	0	0	236	0	7	2
Starlite	0	0	0	0	0	0	0	0	0
Starward	679	36	4	0	3	281	0	27	1
Seadawn	580	43	3	0	0	185	0	0	0
Morning Star (57')	0	0	0	0	0	0	0	0	0
UFC Total	2,388	140	12	0	3	702	0	34	3

Note: Catch and PSC totals are from Seastate data.

<sup>\*</sup> Some totals are rounded to nearest metric ton or number of animals.

Exhibit 11. Transfers of UniSea Fleet Cooperative Gulf of Alaska pollock sideboard limits to other catcher vessel co-ops, 2015.

Gulf Area/Season	Transfers To	Transfer Amount (MT)
NO TRANSFERS OF	GOA POLLOCK OR COL	O SIDEBOARDS
Total GOA Transfers		0

Exhibit 12. UniSea Fleet Cooperative vessel-by-vessel prohibited species catch, 2015.

Boat	Halibut Mortality (MT)	Herring Catch (MT)	Red King Crab (#)	<i>bairdi</i> Tanner Crab (#)	Other Tanner Crab (#)	Chinook Salmon (#)	Other Salmon (#)
Alsea	0	1	0	0	0	124	3,860
Argosy	0	25	0	0	0	141	3,657
Auriga	0	12	0	0	0	405	5,126
Aurora	0	196	0	0	0	310	6,309
Defender	7	53	0	0	0	243	7,314
Fierce Allegiance	0	4	0	0	0	158	5,143
GunMar	0	175	0	0	0	246	5,883
MarGun	0	0	0	0	0	0	0
Nordic Star	1	2	0	0	0	155	2,873
Starfish	3	17	0	236	0	202	5,557
Starlite	0	8	0	0	0	159	3,453
Starward	4	21	3	281	0	168	4,904
Seadawn	3	20	0	185	0	125	4,610
Morning Star (57')	0	0	0	0	0	0	0
UFC Total	19	534	3	702	0	2,436	58,689

<sup>\*</sup> 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), 2015.

	GF Sp/Area	Alsea	Argosy	Auriga	Aurora	Defender*	Fierce Alleg.	Gun-Mar*	Nordic Star	Seadawn	Starfish	Starlite	Starward	UFC Ttl
	Pcod BSAI	40	67	91	88	76	65	56	611	605	614	52	722	3,089
	Sablefish BSAI	0	0	0	0	0	0	0	0	0	0	0	0	0
	Atka mack. BSAI	0	4	0	0	0	0	1	0	0	0	0	1	7
	Rock sole BSAI	1	3	3	7	13	4	10	1	0	2	3	1	49
	Turbot BSAI	0	0	0	0	0	0	0	0	0	0	0	0	1
	Arrowtooth BSAI	0	1	1	1	1	0	1	1	1	0	0	0	8
	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
Ð	Oflats BSAI	0	0	1	0	1	0	0	1	0	0	0	0	4
E	Flathead BSAI	8	3	8	13	17	1	12	4	3	5	12	1	88
Catch (mt)	POP BS	0	4	3	7	4	1	1	3	2	6	7	6	46
Sat	POP AI	0	0	0	0	0	0	0	0	0	0	0	0	0
ğ	Northern RF BSAI	0	0	0	0	0	0	0	0	0	0	0	0	0
anded	Shortraker BSAI	0	0	0	0	0	0	0	0	0	0	0	0	0
μ	Rougheye BSAI	0	0	0	0	0	0	0	0	0	0	0	0	0
1-	ORockfish BS	0	0	0	0	0	0	0	0	0	0	0	0	1
	ORockfish Al	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
	Sculpins BSAI	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
	Squid BSAI	0	5	7	16	5	0	_	57	8	0	0	5	102
	Octopus BSAI	0	0	0	0	0	0	0	0	0	0	0	0	0
	Yellowfin BSAI	0	0	2	6	7	3		0	1	0	4	0	27
-	Pcod BSAI	0	0	0		0	0		0	0	0	0	0	<u> </u>
	Sablefish BSAI	0	0	0	0	0	0		0	0	0	0	0	0
	Atka mack. BSAI	0	0	0		0	0		0	0	0	0	0	0
	Rock sole BSAI	0	0	0	0	0	0	÷	1	2	3	0	7	13
	Turbot BSAI	0	0	0	0	0	0		0	0	0	0	0	10
	Arrowtooth BSAI	0	0	0	0	0	0		2	2	1	0	1	- 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	0	0	0	0	1	2
Catch (mt)	Flathead BSAI	0	0	0	0	0	0	0	2	1	1	0	2	
ţ	POP BS	4	5	7	7	10	5		3	4	4	3	3	62
Sa	POP AI	0	0	0	0	0	0		0	0	0	0	0	02
þe	Northern RF BSAI	0	0	0	0	0	0		0	0	0	0	0	0
Discarded	Shortraker BSAI	0	0	0	0	0	0		0	0	0	0	0	0
Š		0	0	0	0	0	0	·	0		0	0	0	0
Ö	Rougheye BSAI ORockfish BS	0	0	0		0	0		0	0	0	0	0	0
		0	0	0		0			0		0	0	0	0
1	ORockfish AI Skates BSAI	0	0	0	0	0	0	0	0	0	_		0	0
1		0	0	0	0	0	0	0	0	0	0	0	0	0
1	Sculpins BSAI	-	-	_		-	_	·		•		-	V	0
1	Sharks BSAI	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Squid BSAI	2	2	3		3	1	2	1	1	2	1	1	22
1	Octopus BSAI	0	0	0		0	0		0	0	0	0	0	0
L	Yellowfin BSAI	0	0	0	0	0	0	0	0	0	0	0	0	0

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 2015. F/V Morning Star (57') and the F/V MarGun did not fish in the Bering Sea in 2015. Yellowfin sole is shown but is not a sideboard species in 2015.

 $<sup>\</sup>ensuremath{^*}$  Includes catches from one vessel during Amendment 69 contract fishing.

### ATTACHMENT 1

UFC MEMBERSHIP AGREEMENT 2015 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, and Membership Agreement Addendums dated as of November 16, 2010, November 9, 2011, and December 1, 2012 (collectively, the "Membership Agreement"), is in full force and effect, and binds the undersigned for the year 2015, 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.

RONDYS, INC.	AURIGA/AURORA GENERAL
	PARTNERSHIP
By: MEdell	Ву:
Name: Margaret Hall	Name: Jeff Hendricks
Title: General Manager	Title: Manager
DONA MARTITA LLC	FIERCE ALLEGIANCE LLC By: R&B Fisheries, Inc. Its: Manager
By: Name: Robert Desautel Title: Managing Member	By:

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, and Membership Agreement Addendums dated as of November 16, 2010, November 9, 2011, and December 1, 2012 (collectively, the "Membership Agreement"), is in full force and effect, and binds the undersigned for the year 2015, 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.

RONDYS, INC.	AURIGA/AURORA GENERAL PARTNERSHIP
Ву:	By:
Name: Margaret Hall	Name: Jeff Hendricks
Title: General Manager	Title: Manager
DONA MARTITA LLC	FIERCE ALLEGIANCE LLC By: R&B Fisheries, Inc.
SANO.	Its: Manager
By: South X. IC	By:
Name: Robert Desautel Sonathan DX. Towne	Name: Rick Mezich
Title: Managing Member	Title: President

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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.

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RONDYS, INC.  By: Name: Margaret Hall	AURIGA/AURORA GHNERAL PARTNENSHIP  By: Name: Jest Headricks
Title: General Manager	Title Manager
DONA MARTITA LLC	FIERCE ALLEGIANCE LLC By: R&B Fisheries, Inc. Its: Manager
Ву:	By:
Name: Robert Desautel	Name: Rick Mezich
Title: Managing Member	Title: President

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, and Membership Agreement Addendums dated as of November 16, 2010, November 9, 2011, and December 1, 2012 (collectively, the "Membership Agreement"), is in full force and effect, and binds the undersigned for the year 2015, 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.

RONDYS, INC.	AURIGA/AURORA GENERAL PARTNERSHIP
Ву:	Ву:
Name: Margaret Hall	Name: Jeff Hendricks
Title: General Manager	Title: Manager
DONA MARTITA LLC	FIERCE ALLEGIANCE LLC By: R&B Fisheries, Inc.
	Its: Manager
Ву:	By Luke Merell
Name: Robert Desautel	Name: Rick Mezich
Title: Managing Member	Title: President

ILDHUSO FISHERIES, INC MARGUNENTERPRISES LLC Namé: Gunnar Ildhuso, Jr. Name: Sunnar Ildhuso, Jr. Title: President Title: Manager FISHING VESSEL MORNING STAR LLC F/V NORDIC STAR LLC By: R&B Fisheries, Inc. By: Aleutian Spray Fisheries, Inc. Its: Manager Its: Managing Member By: By: Name: Rick Mezich Name: Chris Swasand Title: President Title: President FY FISHERIES, INC. F/V STARFISH, LLC By: R&B Fisheries, Inc. lts: Manager By: \_ Name:/Fred Yeck Name: Rick Mezich Title: President Title: President STARLITE FISHERIES, LLC STARWARD FISHERIES, LLC By: R&B Fisheries, Inc. By: R&B Fisheries, Inc. Its: Manager Its: Manager

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ILDHUSO FISHERIES, INC.	MARGUN ENTERPRISES LLC
By: Name: Gunnar Ildhuso, Jr. Title: President	By
FISHING VESSEL MORNING STAR LLC By: R&B Fisheries, Inc. Its: Manager By:	F/V NORDIC STAR LLC By: Aleutian Spray Fisheries, Inc. Its: Managing Member By:
Name: Rick Mezich Title: President	Name: Chris Swasand Title: President
FY FISHERIES, INC.	F/V STARFISH, LLC By: R&B Fisheries, Inc. Its: Manager
By:	By: Wazeh Name: Rick Mezich Title: President
STARLITE FISHERIES, LLC By: R&B Fisheries, Inc. Its: Manager By: La Mezich Name: Rick Mezich Title: President	STARWARD FISHERIES, LLC By: R&B Fisheries, Inc. Its: Manager By: Name: Rick Mezich Title: President
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ILDHUSO FISHERIES, INC.	MARGUN ENTERPRISES LLC
Ву:	Ву
By: Name: Gunnar Ildhuso, Jr.	By Name: Gunnar Ildhuso, Jr.
Title: President	Title: Manager
FISHING VESSEL MORNING STAR LLC	F/V NORDIC STAR LLC
By: R&B Fisheries, Inc.	By: Aleutian Spray Fisheries, Inc.
Its: Manager	Its: Managing Member
Ву:	By: Thurn
Name: Rick Mezich	Name: Chris Swasand
Title: President	Title: President
Title. Tresident	Title. I resident
FY FISHERIES, INC.	F/V STARFISH, LLC
	By: R&B Fisheries, Inc.
	Its: Manager
Ву:	By:
Name: Fred Yeck	By: Name: Rick Mezich
Title: President	Title: President
CTARLIME RICHERIES ALS	CTARNA DE CIGNERIES A LO
STARLITE FISHERIES, LLC	STARWARD FISHERIES. LLC
By: R&B Fisheries, Inc.	By: R&B Fisheries, Inc.
Its: Manager	Its: Manager
By:	By:
Name: Rick Mezich	Name: Rick Mezich
Title: President	Title: President
UNISEA FLEET COOPERATIVE	

By: \_\_\_\_\_ Name: Jeff Hendricks

Title President

ILDHUSO FISHERIES, INC.	MARGUN ENTERPRISES LLC
By:	Ву
Name: Gunnar Ildhuso, Jr.	Name: Gunnar Ildhuso, Jr.
Title: President	Title: Manager
FISHING VESSEL MORNING STAR LLC	F/V NORDIC STAR LLC
By: R&B Fisheries, Inc.	By: Aleutian Spray Fisheries, Inc.
Its: Manager	Its: Managing Member
By:	By:
Name: Rick Mezich	Name: Chris Swasand
Title: President	Title: President
FY FISHERIES, INC.	F/V STARFISH, LLC
	By: R&B Fisheries, Inc.
	Its: Manager
Ву:	By:
Name: Fred Yeck	Name: Rick Mezich
Tiţle: President	Title: President
STARLITE FISHERIES, LLC	STARWARD FISHERIES, LLC
By: R&B Fisheries, Inc.	By: R&B Fisheries, Inc.
•	Its: Manager
Its: Manager	115. Managor
By:	Ву:
Name: Rick Mezich	Name: Rick Mezich
Title: President	Title: President
UNISEA FLEET COOFERATIVE	

By: Name Jeff Mendricks Title President

## UNISEA FLEET COOPERATIVE <u>EXHIBIT A</u> TO 2015 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.

MEMBER	VESSEL(S)	PERCENTAGE OF ALLOCATION
Rondys, Inc.	ALSEA – ON 626517 ARGOSY – ON 611365	7.3253% 7.1910%
Aurora/Auriga General Partnership	AURIGA – ON 639547 AURORA – ON 636919	13.6428% 13.6465%
Dona Martita LLC	DEFENDER – ON 554030	14.2071%
Fierce Allegiance LLC	FIERCE ALLEGIANCE ON 588849	3.8258%
Ildhuso Fisheries, Inc.	GUN-MAR – ON 640130	9.8575%
Margun Enterprises LLC	MAR-GUN – ON 525608	0.4255%

MEMBER	VESSEL(S)	PERCENTAGE OF "ALLOCATION"
Fishing Vessel Morning Star LLC	MORNING STAR – ON 1037811	2.1583%
F/V Nordic Star LLC	NORDIC STAR – ON 584684	5.6538%
F/V Starfish, LLC	STARFISH – ON 561651	6.1664%
FY Fisheries, Inc.	SEADAWN – ON 548685	5.7560%
Starlite Fisheries, LLC	STARLITE - ON 597065	4.9987%
Starward Fisheries, LLC	STARWARD - ON 617807	5.1452%
Total		100.000%