

## **Whiting Mothership Cooperative**

An Amendment 20 Mothership Catcher Vessel Cooperative

Final Report on the 2014 Pacific Whiting Fishery

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## WMC Report on the 2014 Year Pacific Whiting Fishery

### Introduction

In March of 2011, the owners of the thirty seven trawl limited entry catcher vessel permits (MS/CV LEPs) endorsed for operation in the Mothership sector of the Pacific whiting fishery formed a fishing cooperative to coordinate harvesting efforts. This cooperative is the Whiting Mothership Cooperative (WMC). The owners of all of the MS/CV LEPs remained members in good standing for the 2014 fishing year.

The WMC receives an allocation of whiting based on the cumulative catch histories of the members of the cooperative. The WMC operates under the WMC Membership Agreement contract which allocates whiting to members proportionate to the contribution to the cooperative's allocation made by NMFS on the basis of the whiting catch history assigned to the Cooperative by the members.

One of the primary purposes of the WMC cooperative is the management of bycatch of the four allocated overfished rockfish species and Chinook salmon. To that end the members of the WMC have all signed a WMC Bycatch Agreement that sets out the rules for modification of fishing behaviour with which members are obligated to comply.

### Purpose of Report

This report is intended to disclose all information required or identified in Federal Regulations at 50 CFR 660.113(d)(3). The catch data in this report is for the 2014 fishing year beginning May 15<sup>th</sup> and ending December 31<sup>st</sup>. The catch data was provided by Sea State, Inc. and was obtained from the NMFS – At-Sea Hake Observer Program.

### Reporting Requirements

The required Annual Report elements (i-v) are found in the 50 CFR 660.113(d)(3)

*(3) Annual coop report. The designated coop manager for the mothership coop must submit an annual report to NMFS and the Council by March 31 each year, before a coop permit is issued for that year. The annual coop report will contain information about the previous year's fishery, including:*

- (i) The mothership sector's annual allocation of Pacific whiting and the permitted mothership coop allocation;*
- (ii) The mothership coop's actual retained and discarded catch of Pacific whiting, salmon, Pacific halibut, rockfish, groundfish, and other species on a vessel-by- vessel basis;*
- (iii) A description of the method used by the mothership coop to monitor performance of coop vessels that participated in the fishery;*

- (iv) A description of any actions taken by the mothership coop in response to any vessels that exceed their allowed catch and bycatch; and*
- (v) Plans for the current year's mothership coop fishery, including the companies participating in the cooperative, the harvest agreement, and catch monitoring and reporting requirements.*

**(i) Annual allocation of Pacific whiting to the WMC coop**

The Mothership sector of the Pacific Whiting fishery was initially allocated 62,249 tons of whiting, followed by a re-apportionment in September of 6,000 tons. 100% of the Mothership sector whiting was allocated to the Whiting Mothership Cooperative.

**(ii) The Mothership coop's actual retained and discarded catch of Pacific whiting, salmon, Pacific halibut, rockfish, groundfish, and other species on a vessel-by-vessel basis**

All thirty seven of the MS/CV endorsed trawl limited entry permit holders joined the Whiting Mothership Cooperative (WMC).

As of December 31st, 2014, nineteen MS/CVs fished in the MS sector of the whiting fishery.

Data on the catch, as of December 31st 2014, of Whiting, Salmon, Halibut, Rockfish, Groundfish and Other Species, is shown in the tables attached tables 1 & 2 (a-f) (Attachment 1). The table 1 shows the aggregate fleet catch, with a breakdown of each species category. The following tables 2 (a-g) show the vessel by vessel catch for each species category. In interpreting the tables a cell with "0.000 mt" indicates at least a trace amount of this species was caught; a blank cell indicates no amount of that species was caught.

**(iii) A description of the method used by the mothership coop to monitor performance of coop vessels that participated in the fishery**

The WMC retained Sea State, Inc. Inc. as the Monitoring Agent for the coop. All WMC members provide NMFS and the VMS providers with the needed confidentiality waivers to allow Sea State, Inc. to access both Observer data and VMS data in real time.

The WMC provided Sea State, Inc. with a harvest schedule of each MS/CVs share of whiting and pro-rata portion of the allocated bycatch species. Sea State, Inc. queries the NORPAC observer database to obtain the Mothership observer reports on a daily basis. Sea State, Inc. uses this data to produce daily reports which are distributed by email to all WMC members, the Coop manager, and to the Mothership processors.

The Sea State, Inc. daily report shows several tables of information, including:

- the daily catch and bycatch amounts for the fleet as a whole for most recent 10 days
- the overall YTD rates and percent of whiting quota and bycatch harvested for the fleet in aggregate
- the YTD bycatch rates for each Mothership's fleet
- the YTD bycatch rates and amounts for each vessel
- the percent and amounts of whiting quota and bycatch allocations harvested by each seasonal pool
- the balance of whiting available in each seasonal pool by vessel

As MS/CV observers are debriefed, their data is incorporated into NORPAC and Sea State, Inc. updates its accounting accordingly. On the basis of the Sea State, Inc. data, the Coop manager audits vessel harvest amounts relative to the individual members' share of the quota and transfers between members to see that the coop's allocations are not exceeded.

In addition to the email distribution of the daily report, Sea State maintains a website for the Coop where members can access this information. The website also provides GIS mapping of VMS tracks of any hauls where bycatch rates exceed a base rate. These high bycatch maps are shared with the shorebased and catcher-processor cooperatives, and provide members to identify historic and current hotspots with high resolution mapping.

A copy of a Sea State daily report from the last week of the fishery is included as Attachment 2.

**(iv) A description of any actions taken by the mothership coop in response to any vessels that exceed their allowed catch and bycatch**

No vessels exceeded their allowed whiting catch amounts under the Coop Agreement. The Coop makes vessel specific whiting allocations; however, the bycatch allocations are managed as a common pool resource. This is not to say that vessels are not subject to individual accountability for bycatch performance.

In 2014 two pools exceeded the pro-rata share of the bycatch allocated to its seasonal pool. The 1<sup>st</sup> pool was closed due to POP bycatch on September 16<sup>th</sup>. The second closure involved Darkblotched rockfish. It resulted in the coop manager issuing a temporary closure of the entire WMC fishery on October 11<sup>th</sup>. The WMC fishery remained closed until NMFS allocated an additional 3 tons of Darkblotch rockfish to the sector on October 18<sup>th</sup>.

The Coop agreement includes a variety of measures that serve to mitigate against the possibility of exceeding allowed catch and bycatch limits. These include:

- Precautionary closures of past bycatch hotspots.
- Night fishing restrictions
- Fleet relocation triggers and fleet to fleet reporting
- In season “hot spot” closure authority
- Seasonal apportionments (“pools”) of whiting and bycatch allowances
- Sanctions against vessels that have exceeded a bycatch rate within a seasonal pool.

### Precautionary Closures of Past Bycatch Hotspots

Prior to the beginning of the 2011 whiting fishery, the WMC created a “Bycatch Committee” which met several times to develop proposed closures that would apply seasonally. The committee reviewed GIS analysis of 10 years of at-sea observer data overlaid on fine scale bathymetry. The analysis included bycatch rates and amounts as well as amounts of whiting. VMS tracklines of high bycatch tows were also incorporated in the review. Additionally, the committee reviewed logbook information from individual captains’ historic directed rockfish experience, which provided insight into habitat associations for rockfish species.

The committee ended up recommending closure of 9 areas, totaling nearly 2000 km<sup>2</sup> which were adopted by the WMC board. The board also identified several other “cautionary” areas.

The bycatch committee met again prior to the 2014 fishing season and recommended retaining the bycatch avoidance measures from the previous seasons. The recommendations were adopted by the board. The bycatch committee met during the season to review whether to modify or maintain the closures. Additional closures were adopted by the board during the 2014 season in response to a Darkblotched rockfish “hotspot.”

### Night Fishing

Based on the recommendations of the bycatch committee the board adopted a restriction on night fishing between 10:00 PM and 5:30 AM prior to September 1<sup>st</sup>. The board modified the night fishing restriction for the fall, restricting night fishing inside 100 fathoms between 7:00 PM and 7:00 AM.

### Fleet Relocation and Real Time Fleet to Fleet Reporting

The Coop established Base Rates which were based on the pro-rata amounts of bycatch allocations relative to whiting allocations to the MS sector. Each Mothership processor

maintains a spreadsheet reporting its fleet performance, measured against the Base Rates. The spreadsheet reports are shared each day between all the processing ships.

Each fleet's performance relative to the Base Rates constitutes a trigger requiring the fleet to relocate if they encounter a bycatch "hotspot". Relocation is required in the event of any of the following situations:

- If a fleet's three day rolling average rate of exceeds the Base Rate for any bycatch species, and that Fleet's cumulative year to date bycatch rate exceeds half of the Base Rate for that species,
- If a fleet's three day rolling average rate of exceeds 125% of the Base Rate for a bycatch species
- If a fleet's bycatch rate during any single day exceeds twice the Base Rate for a bycatch species,

This real time mechanism for response to bycatch encounters coupled with a requirement for test tows upon entering a new area, have served to limit bycatch.

#### In-season Hot Spot Closures

The WMC board delegated authority to Sea State, Inc. to impose "In-season Hot Spot Closures" if they perceive a problem. This authority was used once during the 2014 season.

#### Seasonal Pools

The Coop agreement provides for dividing the whiting allocation into as many as 4 pools with various start dates. During the 2014 season the whiting was divided into 4 pools. Each pool received a share of the bycatch allocations pro-rata to whiting. The Coop Agreement provides that if a pool reaches its share of the bycatch prior to harvesting its whiting allocation, the members of the pool must cease fishing.

#### Sanctions Against Member Vessels

In the event that a pool closes because of bycatch, members of that pool whose cumulative bycatch rate exceeded their pro-rata share by 25%, that vessel is restricted from harvesting additional whiting in a subsequent seasonal pool.

During the 2014 season two pools closed due to bycatch. There have not been any violations of the WMC Bycatch Agreement.

**(v) Plans for the next year's mothership coop fishery, including the companies participating in the cooperative, the harvest agreement, and catch monitoring and reporting requirements**

The WMC provides that membership in the Coop continues in the following year unless a member provides notice of intent to withdraw before November 1<sup>st</sup>. No members filed notice of intent to withdraw. There have been three changes in ownership of MSCV catch history assignments. The MSCV0090 history has been transferred to GF0572, and the WMC membership associated with permit GF0090 will be terminated. The MSCV0708 history has been transferred to GF0052, and the WMC membership associated with permit GF0708 will be terminated. MSCV history and MSCV endorsement from GF0013 has been transferred to GF0017 and the owner of permit GF0017 will replace the prior owner of GF0013 as a member of the WMC. The ownership of member permits is shown in Exhibit A of the WMC Membership Agreement (Attachment 3) filed with the MS cooperative permit application NMFS for the 2015 season.

The only amendment to the WMC Membership Agreement for the 2015 season was an Addendum to the Membership Agreement (Attachment 4), adopted by the WMC Board. One provision of the addendum adds a 5<sup>th</sup> seasonal pool. Another provision deals with the pro-rata distribution of in-season allocations of additional non-whiting species, and provides the board with additional flexibility manage a re-opening in the event the sector receives a supplemental allocation of non-whiting species subsequent to a closure due to bycatch.

No changes to the WMC Bycatch Agreement are anticipated at this time.

## Attachment 1

Table 1 (part 1)

Species Name	Code	WMC FLEET TOTALS		
ROUND FISH	Code	Retained mt	Discard mt	Total
Whiting	206	61,861	250	62,111
Sablefish	203	0.725	0.177	0.902
Lingcod	209	0.503	0.357	0.859
FLATFISH	Code	Retained mt	Discard mt	Total
Flatfish Unidentified	u	0.000	0.000	0.000
Rex Sole	105	0.543	0.049	0.592
Dover Sole	107	0.047	0.004	0.051
Slender Sole	111	0.004	0.000	0.004
Arrowtooth Flounder	141	1.760	0.176	1.936
ROCKFISH	Code	Retained mt	Discard mt	Total
Canary Rockfish	314	0.202	0.153	0.355
Dark Blotched Rockfish	311	4.757	2.471	7.228
Pacific Ocean Perch	301	1.692	1.905	3.597
Widow Rockfish	305	25.877	13.748	39.625
Bocaccio	302	0.010	0.062	0.072
Sharpchin Rockfish	304	0.002	0.001	0.003
Rougheye Rockfish	307	0.587	0.896	1.483
Silvergray Rockfish	310	0.064	0.009	0.073
Splitnose Rockfish	315	2.731	3.454	6.186
Shortbelly Rockfish	318	0.001	0.000	0.002
Blackgill Rockfish	319	0.000	0.005	0.005
Yellowtail Rockfish	321	18.258	24.488	42.747
Redstripe Rockfish	324	0.013	0.032	0.044
Shortraker Rockfish	326	0.000	0.008	0.008
Aurora Rockfish	334	0.000	0.001	0.001
Bank Rockfish	337	0.001	0.004	0.005
Shortspine Thornyhead	350	0.565	1.063	1.629
Longspine Thornyhead Rockfish	u	0.001	0.001	0.002
Harlequin Rockfish	176	0.000	0.001	0.001
Red Banded Rockfish	308	0.000	0.002	0.002
Stripetail Rockfish	183	0.000	0.001	0.001
Yellowmouth Rockfish	320	0.002	0.000	0.002
REMAINING GROUND FISH SPECIES	Code	Retained mt	Discard mt	Total
Squid Unidentified	50	11.358	20.143	31.501
Humboldt Squid	511	0.000	0.156	0.156
Octopus Unidentified	60	0.009	0.010	0.019
Pacific Sleeper Shark	62	0.006	0.320	0.326
Spiny Dogfish Shark	66	6.078	15.460	21.538
Salmon Shark	67	0.000	1.905	1.905
Brown Cat Shark	68	3.121	6.966	10.087
Blue Shark	69	0.000	0.490	0.490
Shark Unidentified	u	0.000	0.000	0.000
Big Skate	94	0.000	0.254	0.254
Longnose Skate	95	0.000	0.404	0.404
PROHIBITED SPECIES Salmon	Code	Retained #	Discard #	Total
Chinook Salmon	222	31	2878	2909
Coho Salmon	223	0	100	100
Chum Salmon	221	0	4	4
Pink Salmon	440	0.000	0.000	0.000
PROHIBITED SPECIES Other	Code	Retained mt	Discard mt	Total
Pacific Halibut	101	0.000	0.339	0.339



Table 1 (part 2)

Species Name	Code	WMC FLEET TOTALS		
		Retained mt	Discard mt	Total
NON_GROUNDFISH SPECIES	Code			
Jellyfish	35	0.001	0.179	0.180
Ascidian - Sea Squirt - Tunicate Unident.	43	0.013	0.025	0.038
Lamprey Unidentified	75	0.003	0.006	0.009
Pacific Mackerel	199	0.410	0.064	0.474
Jack Mackerel	207	10.949	8.798	19.747
Cutlassfish Unidentified	210	0.003	0.011	0.014
Pacific Saury	220	0.000	0.001	0.001
Pacific Herring	235	0.058	0.041	0.099
Ragfish	280	2.087	2.817	4.904
Opah	297	0.062	0.000	0.062
Eulachon	511	0.001	0.001	0.001
Ribbonfish Unidentified	563	0.249	0.000	0.249
Pacific Lamprey	600	0.002	0.001	0.003
Longnose Lancetfish	603	0.010	0.023	0.034
American Shad	606	14.100	4.415	18.515
King-of-the-Salmon	608	2.663	1.519	4.182
Pacific Sardine	614	0.060	0.012	0.072
Thresher Shark	689	0.000	0.933	0.933
Lanternfish Unidentified	700	0.014	0.009	0.023
Duckbill Barracudina	769	0.000	0.001	0.001
Barracudina Unidentified	770	0.000	0.001	0.001
Pacific Pomfret	775	0.400	0.308	0.708
Medusafish	776	0.346	0.271	0.617
Tubeshoulder Unidentified	807	0.005	0.001	0.006
Ocean Sunfish	810	0.052	0.077	0.128
Deepsea Smelt Unidentified		0.034	0.025	0.059
Smelt Unidentified		0.000	0.000	0.000
Bigscale Unidentified		0.000	0.000	0.000
Blacksmelt Unidentified		0.000	0.000	0.000
Daggertooth		0.005	0.000	0.005
Dragonfish Unidentified		0.004	0.012	0.016
Eelpout Unidentified		0.002	0.000	0.002
Grenadier Unidentified		0.050	0.324	0.373
Isopod		0.000	0.000	0.000
Loosejaws Unidentified		0.001	0.005	0.006
Manefish		0.006	0.001	0.006
Oxeye Oreo		0.000	0.001	0.001
Paperbones Unidentified		0.000	0.000	0.000
Pearleyes Unidentified		0.000	0.001	0.001
Rough Pomfret		0.049	0.011	0.060
Sea Anemone Unidentified		0.000	0.000	0.000
Sea Devil Unidentified		0.000	0.001	0.001
Shrimp Unidentified		0.000	0.000	0.000
Skate Egg Case Unidentified		0.000	0.000	0.000
Snailfish Unidentified		0.004	0.000	0.004
Snipe Eel Unidentified		0.000	0.000	0.000
Spookfish Unidentified		0.025	0.017	0.042
Spotted Ratfish		0.000	0.002	0.002
Viperfish Unidentified		0.008	0.002	0.010
White Barracudina		0.000	0.000	0.000
Fish Unidentified	901	0.010	0.013	0.023
Invertebrate Unidentified	902	0.000	0.004	0.004
Fish Waste	899	0.008	0.150	0.159
Miscellaneous Unidentified	900	0.000	0.068	0.068

Table 2a (part 1)

Species Name	Arctic Fury		Bay Islander		Lisa Melinda	
ROUND FISH	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Whiting	3,408	14	956	7	4,501	23
Sablefish		0.000	0.161	0.000	0.029	0.000
Lingcod	0.013	0.000	0.031	0.000	0.073	0.000
FLATFISH	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Flatfish Unidentified		0.000		0.000		0.000
Rex Sole	0.007	0.001		0.000	0.005	0.000
Dover Sole	0.001	0.000		0.000	0.001	0.000
Slender Sole		0.000	0.000	0.000		0.000
Arrowtooth Flounder	0.095	0.001	0.024	0.000	0.096	0.000
ROCKFISH	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Canary Rockfish	0.028	0.000	0.022	0.011	0.006	0.000
Dark Blotched Rockfish	0.016	0.002	0.045	0.002	0.183	0.002
Pacific Ocean Perch	0.038	0.000	0.021	0.555	0.095	0.000
Widow Rockfish	0.226	0.004	2.469	0.103	3.530	0.002
Bocaccio		0.000		0.000		0.000
Sharpchin Rockfish		0.000		0.000		0.000
Rougheye Rockfish	0.086	0.000	0.015	0.000	0.151	0.000
Silvergray Rockfish		0.000		0.000	0.013	0.000
Splitnose Rockfish	0.046	0.000	0.001	0.000	0.053	0.001
Shortbelly Rockfish	0.000	0.000	0.000	0.000	0.000	0.000
Blackgill Rockfish		0.000		0.000		0.000
Yellowtail Rockfish	0.046	0.001	2.972	0.657	2.596	0.000
Redstripe Rockfish		0.000	0.002	0.002		0.000
Shortraker Rockfish		0.000		0.000		0.000
Aurora Rockfish		0.000		0.000		0.000
Bank Rockfish	0.001	0.000		0.000		0.000
Shortspine Thornyhead	0.003	0.000	0.000	0.000	0.091	0.000
Longspine Thornyhead Rockfish		0.000		0.000		0.000
Harlequin Rockfish		0.000		0.000		0.000
Red Banded Rockfish		0.000		0.000		0.000
Stripetail Rockfish		0.000		0.000		0.000
Yellowmouth Rockfish		0.000	0.002	0.000		0.000
REMAINING GROUND FISH SPECIES	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Squid Unidentified	0.603	0.812	0.266	0.002	0.787	1.530
Humboldt Squid		0.000		0.000		0.000
Octopus Unidentified		0.000		0.000	0.004	0.000
Pacific Sleeper Shark	0.000	0.068		0.000		0.000
Spiny Dogfish Shark	0.638	0.165	0.006	0.001	1.897	0.640
Salmon Shark		0.000		0.000		0.000
Brown Cat Shark	0.072	0.014	0.000	0.000	0.605	0.303
Blue Shark	0.000	0.044		0.000		0.000
Shark Unidentified		0.000		0.000		0.000
Big Skate		0.000		0.000		0.000
Longnose Skate	0.000	0.020		0.000	0.000	0.055
PROHIBITED SPECIES Salmon	Retained #	Discard #	Retained #	Discard #	Retained #	Discard #
Chinook Salmon	0	380	0	4	0	138
Coho Salmon	0	2	0	0	0	0
Chum Salmon	0	0	0	0	0	2
Pink Salmon	0.000	0.000	0.000	0.000	0.000	0.000
PROHIBITED SPECIES Other	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Pacific Halibut	0.000	0.000	0.000	0.010	0.000	0.000

Table 2a (part 2)

Species Name	Arctic Fury		Bay Islander		Lisa Melinda	
	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
NON_GROUNDFISH SPECIES						
Jellyfish	0.000	0.005	0.000	0.013	0.000	0.009
Ascidian - Sea Squirt - Tunicate Unident.	0.000	0.000		0.000	0.001	0.001
Lamprey Unidentified	0.000	0.000	0.000	0.000	0.001	0.001
Pacific Mackerel	0.016	0.000		0.000		0.000
Jack Mackerel	4.079	0.000	0.003	0.000	0.009	0.000
Cutlassfish Unidentified	0.000	0.001		0.000		0.000
Pacific Saury		0.000		0.000	0.000	0.000
Pacific Herring	0.000	0.000	0.015	0.000	0.000	0.002
Ragfish	0.000	0.292		0.000	0.274	0.170
Opah		0.000		0.000		0.000
Eulachon		0.000		0.000	0.000	0.000
Ribbonfish Unidentified		0.000		0.000		0.000
Pacific Lamprey		0.000	0.000	0.000		0.000
Longnose Lancetfish	0.000	0.008		0.000	0.000	0.011
American Shad	1.493	0.001		0.000		0.000
King-of-the-Salmon	0.331	0.035		0.000	0.059	0.319
Pacific Sardine		0.000		0.000		0.000
Thresher Shark	0.000	0.330		0.000		0.000
Lanternfish Unidentified	0.000	0.000		0.000	0.001	0.001
Duckbill Barracudina		0.000		0.000	0.000	0.000
Barracudina Unidentified		0.000		0.000		0.000
Pacific Pomfret	0.012	0.000		0.000	0.000	0.006
Medusafish	0.038	0.000		0.000	0.029	0.055
Tube shoulder Unidentified		0.000		0.000	0.001	0.000
Ocean Sunfish		0.000		0.000		0.000
Deepsea Smelt Unidentified		0.000		0.000	0.015	0.007
Smelt Unidentified		0.000		0.000		0.000
Bigscale Unidentified		0.000		0.000		0.000
Blacksmelt Unidentified		0.000		0.000	0.000	0.000
Daggertooth		0.000		0.000		0.000
Dragonfish Unidentified		0.000		0.000	0.001	0.001
Eelpout Unidentified		0.000		0.000	0.000	0.000
Grenadier Unidentified		0.000		0.000	0.000	0.001
Isopod		0.000		0.000		0.000
Loosejaws Unidentified		0.000		0.000	0.000	0.001
Manefish		0.000		0.000	0.001	0.000
Oxeye Oreo		0.000		0.000		0.000
Paperbones Unidentified		0.000		0.000		0.000
Pearleyes Unidentified		0.000		0.000		0.000
Rough Pomfret	0.005	0.000		0.000		0.000
Sea Anemone Unidentified		0.000		0.000		0.000
Sea Devil Unidentified		0.000		0.000		0.000
Shrimp Unidentified	0.000	0.000		0.000	0.000	0.000
Skate Egg Case Unidentified		0.000		0.000	0.000	0.000
Snailfish Unidentified		0.000		0.000	0.002	0.000
Snipe Eel Unidentified		0.000		0.000		0.000
Spookfish Unidentified	0.011	0.001		0.000		0.000
Spotted Ratfish		0.000		0.000		0.000
Viperfish Unidentified		0.000		0.000	0.003	0.001
White Barracudina		0.000		0.000		0.000
Fish Unidentified	0.001	0.000		0.000	0.004	0.002
Invertebrate Unidentified		0.000		0.000		0.000
Fish Waste	0.000	0.001		0.000	0.001	0.003
Miscellaneous Unidentified	0.000	0.008	0.000	0.000	0.000	0.009

Table 2b (part 1)

Species Name	Marathon		Mark I		Miss Berdie	
	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
<b>ROUNDFISH</b>						
Whiting	3,546	17	4,022	21	3,209	11
Sablefish	0.041	0.085	0.007	0.030	0.000	0.010
Lingcod	0.015	0.000	0.000	0.041	0.000	0.066
<b>FLATFISH</b>	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Flatfish Unidentified	0.000	0.000		0.000		0.000
Rex Sole	0.085	0.007	0.002	0.013	0.000	0.000
Dover Sole	0.008	0.001	0.000	0.002		0.000
Slender Sole		0.000		0.000		0.000
Arrowtooth Flounder	0.392	0.052	0.034	0.026	0.000	0.027
<b>ROCKFISH</b>	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Canary Rockfish	0.021	0.004	0.009	0.013	0.000	0.010
Dark Blotched Rockfish	0.659	0.024	2.867	0.234	0.000	0.066
Pacific Ocean Perch	1.131	0.968	0.033	0.001		0.000
Widow Rockfish	0.849	0.217	0.132	1.819	0.000	1.516
Bocaccio		0.000		0.000	0.000	0.020
Sharpchin Rockfish		0.000	0.000	0.001		0.000
Rougheye Rockfish	0.015	0.057	0.025	0.032		0.000
Silvergray Rockfish	0.004	0.000	0.004	0.000		0.000
Splitnose Rockfish	0.218	0.042	0.011	0.041	2.061	0.030
Shortbelly Rockfish	0.000	0.000	0.000	0.000		0.000
Blackgill Rockfish		0.000		0.000		0.000
Yellowtail Rockfish	2.883	2.227	0.516	0.007	0.000	3.557
Redstripe Rockfish	0.003	0.003	0.000	0.001	0.000	0.015
Shortraker Rockfish		0.000		0.000		0.000
Aurora Rockfish	0.000	0.001		0.000		0.000
Bank Rockfish		0.000		0.000		0.000
Shortspine Thornyhead	0.148	0.040	0.000	0.083		0.000
Longspine Thornyhead Rockfish		0.000		0.000		0.000
Harlequin Rockfish		0.000	0.000	0.001		0.000
Red Banded Rockfish		0.000		0.000		0.000
Stripetail Rockfish		0.000		0.000		0.000
Yellowmouth Rockfish		0.000		0.000		0.000
<b>REMAINING GROUND FISH SPECIES</b>	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Squid Unidentified	0.342	1.926	0.268	2.747	0.000	0.584
Humboldt Squid	0.000	0.048		0.000		0.000
Octopus Unidentified	0.000	0.004	0.000	0.002		0.000
Pacific Sleeper Shark	0.000	0.003		0.000		0.000
Spiny Dogfish Shark	0.000	1.430	0.349	0.444	0.000	0.325
Salmon Shark		0.000		0.000	0.000	0.342
Brown Cat Shark	0.000	2.277	0.015	0.044	0.000	0.032
Blue Shark		0.000	0.000	0.018		0.000
Shark Unidentified		0.000		0.000		0.000
Big Skate		0.000		0.000		0.000
Longnose Skate	0.000	0.080	0.000	0.025		0.000
<b>PROHIBITED SPECIES Salmon</b>	Retained #	Discard #	Retained #	Discard #	Retained #	Discard #
Chinook Salmon	0	30	0	340	0	81
Coho Salmon	0	0	0	0	0	2
Chum Salmon	0	0	0	2	0	0
Pink Salmon	0.000	0.000	0.000	0.000	0.000	0.000
<b>PROHIBITED SPECIES Other</b>	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Pacific Halibut	0.000	0.000	0.000	0.038	0.000	0.002

Table 2b (part 2)

Species Name	Marathon		Mark I		Miss Berdie	
	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
NON_GROUNDFISH SPECIES						
Jellyfish	0.000	0.021	0.000	0.008	0.000	0.006
Ascidian - Sea Squirt - Tunicate Unident.	0.000	0.004	0.000	0.000		0.000
Lamprey Unidentified	0.000	0.000		0.000	0.000	0.000
Pacific Mackerel		0.000	0.004	0.016		0.000
Jack Mackerel		0.000	0.104	1.985	0.000	0.004
Cutlassfish Unidentified	0.000	0.005		0.000		0.000
Pacific Saury	0.000	0.000		0.000		0.000
Pacific Herring	0.010	0.001	0.007	0.000	0.000	0.002
Ragfish	0.000	0.387		0.000	0.000	0.077
Opah		0.000	0.023	0.000		0.000
Eulachon		0.000	0.000	0.000		0.000
Ribbonfish Unidentified		0.000		0.000		0.000
Pacific Lamprey		0.000	0.000	0.000		0.000
Longnose Lancetfish		0.000		0.000		0.000
American Shad	0.003	0.000	1.357	0.043	0.000	2.089
King-of-the-Salmon	0.000	0.484	0.319	0.002	0.000	0.007
Pacific Sardine		0.000	0.000	0.001		0.000
Thresher Shark		0.000		0.000		0.000
Lanternfish Unidentified	0.000	0.002	0.000	0.000	0.000	0.000
Duckbill Barracudina		0.000		0.000		0.000
Barracudina Unidentified		0.000		0.000		0.000
Pacific Pomfret	0.000	0.153		0.000		0.000
Medusafish	0.000	0.078	0.001	0.000		0.000
Tube shoulder Unidentified		0.000		0.000		0.000
Ocean Sunfish		0.000		0.000		0.000
Deepsea Smelt Unidentified	0.000	0.005		0.000		0.000
Smelt Unidentified		0.000		0.000		0.000
Bigscale Unidentified		0.000		0.000		0.000
Blacksmelt Unidentified		0.000		0.000		0.000
Daggertooth		0.000		0.000		0.000
Dragonfish Unidentified	0.000	0.001		0.000		0.000
Eelpout Unidentified		0.000		0.000		0.000
Grenadier Unidentified	0.000	0.144		0.000		0.000
Isopod		0.000		0.000		0.000
Loosejaws Unidentified	0.000	0.001		0.000		0.000
Manefish	0.000	0.001		0.000		0.000
Oxeye Oreo	0.000	0.001		0.000		0.000
Paperbones Unidentified		0.000		0.000		0.000
Pearleyes Unidentified		0.000		0.000		0.000
Rough Pomfret	0.000	0.005		0.000		0.000
Sea Anemone Unidentified	0.000	0.000		0.000		0.000
Sea Devil Unidentified		0.000		0.000		0.000
Shrimp Unidentified	0.000	0.000	0.000	0.000		0.000
Skate Egg Case Unidentified		0.000		0.000		0.000
Snailfish Unidentified		0.000		0.000		0.000
Snipe Eel Unidentified		0.000		0.000		0.000
Spookfish Unidentified	0.000	0.011		0.000		0.000
Spotted Ratfish		0.000		0.000		0.000
Viperfish Unidentified	0.000	0.001		0.000		0.000
White Barracudina	0.000	0.000		0.000		0.000
Fish Unidentified		0.000		0.000		0.000
Invertebrate Unidentified	0.000	0.000		0.000		0.000
Fish Waste	0.000	0.026	0.000	0.001	0.000	0.000
Miscellaneous Unidentified	0.000	0.001	0.000	0.002	0.000	0.004

Table 2c (part 1)

Species Name	Miss Sarah		Muir Milach		Nordic Star	
	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
<b>ROUNDFISH</b>						
Whiting	1,364	1	6,686	28	6,936	21
Sablefish		0.000	0.045	0.000	0.274	0.001
Lingcod	0.014	0.031	0.142	0.015	0.164	0.001
<b>FLATFISH</b>	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Flatfish Unidentified		0.000		0.000		0.000
Rex Sole		0.000	0.010	0.000	0.067	0.000
Dover Sole		0.000	0.001	0.000	0.004	0.000
Slender Sole		0.000		0.000		0.000
Arrowtooth Flounder	0.004	0.000	0.233	0.001	0.252	0.001
<b>ROCKFISH</b>	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Canary Rockfish	0.002	0.000	0.015	0.000	0.036	0.000
Dark Blotched Rockfish	0.016	0.000	0.047	0.118	0.571	0.005
Pacific Ocean Perch	0.003	0.000	0.014	0.112	0.243	0.000
Widow Rockfish	0.544	0.000	0.889	0.618	15.624	0.078
Bocaccio		0.000		0.000	0.010	0.000
Sharpchin Rockfish		0.000		0.000		0.000
Rougheye Rockfish		0.000	0.041	0.009	0.101	0.000
Silvergray Rockfish		0.000	0.012	0.000	0.019	0.000
Splitnose Rockfish	0.003	0.000	0.020	0.078	0.211	0.001
Shortbelly Rockfish		0.000	0.000	0.000	0.000	0.000
Blackgill Rockfish		0.000		0.000		0.000
Yellowtail Rockfish	0.451	0.000	1.976	0.226	3.440	0.014
Redstripe Rockfish		0.000	0.002	0.000	0.006	0.000
Shortraker Rockfish		0.000		0.000		0.000
Aurora Rockfish		0.000		0.000		0.000
Bank Rockfish		0.000	0.000	0.001		0.000
Shortspine Thornyhead		0.000	0.091	0.001	0.216	0.000
Longspine Thornyhead Rockfish		0.000		0.000	0.001	0.000
Harlequin Rockfish		0.000		0.000		0.000
Red Banded Rockfish		0.000		0.000		0.000
Stripetail Rockfish		0.000		0.000		0.000
Yellowmouth Rockfish		0.000		0.000		0.000
<b>REMAINING GROUND FISH SPECIES</b>	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Squid Unidentified	0.040	0.084	1.988	2.941	1.279	4.122
Humboldt Squid		0.000		0.000		0.000
Octopus Unidentified		0.000		0.000	0.005	0.000
Pacific Sleeper Shark	0.000	0.055	0.003	0.003	0.003	0.003
Spiny Dogfish Shark	0.000	0.226	0.549	2.240	2.209	1.434
Salmon Shark	0.000	0.296		0.000		0.000
Brown Cat Shark	0.000	0.002	0.445	0.307	1.907	0.433
Blue Shark	0.000	0.035		0.000	0.000	0.300
Shark Unidentified		0.000		0.000		0.000
Big Skate		0.000	0.000	0.061	0.000	0.016
Longnose Skate		0.000	0.000	0.025	0.000	0.040
<b>PROHIBITED SPECIES Salmon</b>	Retained #	Discard #	Retained #	Discard #	Retained #	Discard #
Chinook Salmon	0	0	0	438	31	699
Coho Salmon	0	0	0	26	0	65
Chum Salmon	0	0	0	0	0	0
Pink Salmon	0.000	0.000	0.000	0.000	0.000	0.000
<b>PROHIBITED SPECIES Other</b>	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Pacific Halibut	0.000	0.000	0.000	0.011	0.000	0.126

Table 2c (part 2)

Species Name	Miss Sarah		Muir Milach		Nordic Star	
	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
NON_GROUNDFISH SPECIES						
Jellyfish	0.000	0.009	0.000	0.014	0.001	0.019
Ascidian - Sea Squirt - Tunicate Unident.		0.000	0.003	0.011	0.007	0.002
Lamprey Unidentified		0.000	0.000	0.002	0.002	0.003
Pacific Mackerel		0.000	0.001	0.000	0.362	0.000
Jack Mackerel		0.000	0.865	0.000	0.675	0.004
Cutlassfish Unidentified		0.000	0.000	0.002	0.002	0.000
Pacific Saury		0.000		0.000		0.000
Pacific Herring	0.000	0.000	0.015	0.014	0.005	0.013
Ragfish		0.000	0.361	0.188	0.591	0.517
Opah		0.000		0.000	0.039	0.000
Eulachon		0.000	0.000	0.000	0.000	0.000
Ribbonfish Unidentified		0.000	0.084	0.000		0.000
Pacific Lamprey		0.000	0.000	0.001	0.000	0.000
Longnose Lancetfish		0.000		0.000		0.000
American Shad		0.000	1.475	0.479	0.138	1.202
King-of-the-Salmon	0.000	0.009	0.157	0.151	0.103	0.204
Pacific Sardine		0.000	0.046	0.009	0.014	0.002
Thresher Shark		0.000	0.000	0.280		0.000
Lanternfish Unidentified		0.000	0.004	0.002	0.007	0.003
Duckbill Barracudina		0.000	0.000	0.000	0.000	0.001
Barracudina Unidentified		0.000	0.000	0.000	0.000	0.000
Pacific Pomfret		0.000	0.166	0.004		0.000
Medusafish		0.000	0.092	0.064	0.038	0.017
Tube shoulder Unidentified		0.000	0.000	0.000	0.002	0.001
Ocean Sunfish		0.000		0.000	0.047	0.006
Deepsea Smelt Unidentified		0.000	0.004	0.004	0.015	0.005
Smelt Unidentified		0.000		0.000	0.000	0.000
Bigscale Unidentified		0.000		0.000		0.000
Blacksmelt Unidentified		0.000		0.000	0.000	0.000
Daggertooth		0.000		0.000		0.000
Dragonfish Unidentified		0.000	0.001	0.001	0.001	0.009
Eelpout Unidentified		0.000		0.000	0.002	0.000
Grenadier Unidentified		0.000	0.018	0.001	0.002	0.000
Isopod		0.000		0.000	0.000	0.000
Loosejaws Unidentified		0.000	0.000	0.001	0.001	0.002
Manefish		0.000		0.000	0.000	0.000
Oxeye Oreo		0.000		0.000	0.000	0.000
Paperbones Unidentified		0.000		0.000		0.000
Pearleyes Unidentified		0.000	0.000	0.000	0.000	0.001
Rough Pomfret		0.000	0.014	0.003	0.009	0.003
Sea Anemone Unidentified		0.000		0.000		0.000
Sea Devil Unidentified		0.000		0.000		0.000
Shrimp Unidentified		0.000		0.000	0.000	0.000
Skate Egg Case Unidentified		0.000		0.000		0.000
Snailfish Unidentified		0.000		0.000	0.000	0.000
Snipe Eel Unidentified		0.000		0.000	0.000	0.000
Spookfish Unidentified		0.000	0.000	0.000		0.000
Spotted Ratfish		0.000		0.000		0.000
Viperfish Unidentified		0.000	0.002	0.000	0.004	0.001
White Barracudina		0.000	0.000	0.000	0.000	0.000
Fish Unidentified		0.000	0.002	0.003	0.004	0.008
Invertebrate Unidentified		0.000	0.000	0.003	0.000	0.000
Fish Waste		0.000	0.002	0.002	0.004	0.006
Miscellaneous Unidentified		0.000	0.000	0.020	0.000	0.010

Table 2d (part 1)

Species Name	Pacific Challenger		Pegasus		Perseverance	
ROUND FISH	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Whiting	2,068	7	3,278	6	2,315	6
Sablefish	0.000	0.009	0.000	0.016	0.000	0.002
Lingcod		0.000	0.000	0.020	0.013	0.004
FLATFISH	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Flatfish Unidentified		0.000		0.000		0.000
Rex Sole		0.000	0.000	0.001	0.005	0.000
Dover Sole	0.000	0.001		0.000		0.000
Slender Sole		0.000		0.000		0.000
Arrowtooth Flounder	0.046	0.000	0.000	0.010	0.025	0.007
ROCKFISH	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Canary Rockfish		0.000	0.000	0.045	0.007	0.004
Dark Blotched Rockfish	0.000	0.011	0.000	0.026	0.018	0.033
Pacific Ocean Perch	0.000	0.002	0.000	0.010	0.003	0.067
Widow Rockfish		0.000	0.000	0.743	0.540	2.520
Bocaccio		0.000		0.000		0.000
Sharpchin Rockfish		0.000		0.000		0.000
Rougheye Rockfish	0.000	0.030	0.000	0.006	0.000	0.001
Silvergray Rockfish		0.000		0.000	0.004	0.006
Splitnose Rockfish	0.000	0.008	0.000	0.046	0.001	0.011
Shortbelly Rockfish		0.000	0.000	0.000	0.000	0.000
Blackgill Rockfish		0.000		0.000		0.000
Yellowtail Rockfish		0.000	0.000	6.341	1.714	1.505
Redstripe Rockfish		0.000	0.000	0.002		0.000
Shorttraker Rockfish		0.000	0.000	0.008		0.000
Aurora Rockfish		0.000		0.000		0.000
Bank Rockfish		0.000	0.000	0.001		0.000
Shortspine Thornyhead	0.000	0.001		0.000	0.000	0.046
Longspine Thornyhead Rockfish		0.000	0.000	0.001		0.000
Harlequin Rockfish		0.000		0.000		0.000
Red Banded Rockfish		0.000		0.000		0.000
Stripetail Rockfish		0.000		0.000		0.000
Yellowmouth Rockfish		0.000		0.000		0.000
REMAINING GROUND FISH SPECIES	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Squid Unidentified	0.000	1.878	0.000	0.459	0.224	0.119
Humboldt Squid	0.000	0.108		0.000		0.000
Octopus Unidentified	0.000	0.001		0.000	0.000	0.002
Pacific Sleeper Shark	0.000	0.033		0.000	0.000	0.007
Spiny Dogfish Shark	0.000	1.157	0.000	0.500	0.000	0.437
Salmon Shark		0.000	0.000	0.138	0.000	0.491
Brown Cat Shark	0.000	1.192	0.000	0.329	0.000	0.164
Blue Shark		0.000		0.000		0.000
Shark Unidentified		0.000		0.000		0.000
Big Skate		0.000		0.000	0.000	0.089
Longnose Skate		0.000		0.000		0.000
PROHIBITED SPECIES Salmon	Retained #	Discard #	Retained #	Discard #	Retained #	Discard #
Chinook Salmon	0	28	0	76	0	14
Coho Salmon	0	0	0	4	0	1
Chum Salmon	0	0	0	0	0	0
Pink Salmon	0.000	0.000	0.000	0.000	0.000	0.000
PROHIBITED SPECIES Other	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Pacific Halibut	0.000	0.000	0.000	0.000	0.000	0.007



Table 2d (part 2)

Species Name	Pacific Challenger		Pegasus		Perseverance	
	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
NON_GROUNDFISH SPECIES						
Jellyfish	0.000	0.011	0.000	0.014	0.000	0.015
Ascidian - Sea Squirt - Tunicate Unident.	0.000	0.006		0.000		0.000
Lamprey Unidentified	0.000	0.000		0.000	0.000	0.000
Pacific Mackerel		0.000		0.000		0.000
Jack Mackerel	0.000	0.003		0.000	0.116	0.000
Cutlassfish Unidentified	0.000	0.003		0.000		0.000
Pacific Saury	0.000	0.000		0.000		0.000
Pacific Herring	0.000	0.000	0.000	0.000	0.000	0.000
Ragfish	0.010	0.760	0.000	0.195	0.000	0.056
Opah		0.000		0.000		0.000
Eulachon		0.000		0.000		0.000
Ribbonfish Unidentified		0.000		0.000		0.000
Pacific Lamprey		0.000		0.000		0.000
Longnose Lancetfish	0.000	0.005		0.000		0.000
American Shad		0.000	0.000	0.002	0.325	0.005
King-of-the-Salmon	0.000	0.267	0.000	0.011	0.004	0.000
Pacific Sardine		0.000		0.000		0.000
Thresher Shark		0.000		0.000		0.000
Lanternfish Unidentified	0.000	0.001	0.000	0.000	0.000	0.000
Duckbill Barracudina		0.000		0.000		0.000
Barracudina Unidentified		0.000		0.000		0.000
Pacific Pomfret	0.001	0.145		0.000	0.005	0.000
Medusafish	0.000	0.057		0.000	0.001	0.000
Tubeshoulder Unidentified		0.000		0.000		0.000
Ocean Sunfish	0.000	0.016		0.000		0.000
Deepsea Smelt Unidentified	0.000	0.004		0.000		0.000
Smelt Unidentified		0.000		0.000		0.000
Bigscale Unidentified	0.000	0.000		0.000		0.000
Blacksmelt Unidentified		0.000		0.000		0.000
Daggertooth		0.000		0.000		0.000
Dragonfish Unidentified	0.000	0.001		0.000		0.000
Eelpout Unidentified	0.000	0.000		0.000		0.000
Grenadier Unidentified	0.000	0.178		0.000		0.000
Isopod		0.000		0.000		0.000
Loosejaws Unidentified	0.000	0.000		0.000		0.000
Manefish		0.000		0.000		0.000
Oxeye Oreo		0.000		0.000		0.000
Paperbones Unidentified	0.000	0.000		0.000		0.000
Pearleyes Unidentified	0.000	0.000		0.000		0.000
Rough Pomfret	0.003	0.000		0.000		0.000
Sea Anemone Unidentified		0.000		0.000		0.000
Sea Devil Unidentified	0.000	0.001		0.000		0.000
Shrimp Unidentified	0.000	0.000		0.000		0.000
Skate Egg Case Unidentified		0.000		0.000		0.000
Snailfish Unidentified		0.000		0.000	0.001	0.000
Snipe Eel Unidentified		0.000		0.000		0.000
Spookfish Unidentified	0.000	0.005		0.000		0.000
Spotted Ratfish		0.000	0.000	0.002		0.000
Viperfish Unidentified	0.000	0.000		0.000		0.000
White Barracudina		0.000		0.000		0.000
Fish Unidentified		0.000		0.000		0.000
Invertebrate Unidentified		0.000		0.000		0.000
Fish Waste	0.000	0.015		0.000		0.000
Miscellaneous Unidentified	0.000	0.001	0.000	0.001	0.000	0.000

Table 2e (part 1)

Species Name	Predator		Raven		Sea Storm	
	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
<b>ROUND FISH</b>						
Whiting	491	2	2,408	4	5,978	16
Sablefish		0.000		0.000	0.077	0.004
Lingcod		0.000	0.000	0.067	0.011	0.000
<b>FLAT FISH</b>						
Flatfish Unidentified		0.000		0.000		0.000
Rex Sole	0.171	0.000		0.000	0.117	0.000
Dover Sole	0.006	0.000		0.000	0.016	0.000
Slender Sole	0.004	0.000		0.000		0.000
Arrowtooth Flounder	0.132	0.000	0.000	0.025	0.123	0.000
<b>ROCK FISH</b>						
Canary Rockfish		0.000	0.000	0.048	0.011	0.009
Dark Blotched Rockfish	0.054	0.743	0.000	0.039	0.005	0.052
Pacific Ocean Perch	0.000	0.065	0.000	0.020	0.000	0.053
Widow Rockfish		0.000	0.000	2.270	0.414	1.523
Bocaccio		0.000	0.000	0.042		0.000
Sharpchin Rockfish		0.000		0.000		0.000
Rougheye Rockfish		0.000		0.000	0.000	0.291
Silvergray Rockfish		0.000		0.000	0.006	0.000
Splitnose Rockfish	0.054	1.334	0.000	0.010	0.003	0.731
Shortbelly Rockfish		0.000	0.000	0.000		0.000
Blackgill Rockfish		0.000		0.000	0.000	0.005
Yellowtail Rockfish		0.000	0.000	9.666	1.535	0.253
Redstripe Rockfish		0.000	0.000	0.007	0.000	0.002
Shortraker Rockfish		0.000		0.000		0.000
Aurora Rockfish		0.000		0.000		0.000
Bank Rockfish		0.000		0.000	0.000	0.002
Shortspine Thornyhead	0.000	0.317		0.000	0.000	0.068
Longspine Thornyhead Rockfish		0.000		0.000		0.000
Harlequin Rockfish		0.000		0.000		0.000
Red Banded Rockfish	0.000	0.002		0.000		0.000
Stripetail Rockfish		0.000		0.000		0.000
Yellowmouth Rockfish		0.000		0.000		0.000
<b>REMAINING GROUND FISH SPECIES</b>						
Squid Unidentified	0.023	0.000	0.000	0.121	2.550	0.072
Humboldt Squid		0.000		0.000		0.000
Octopus Unidentified		0.000		0.000		0.000
Pacific Sleeper Shark		0.000		0.000	0.000	0.033
Spiny Dogfish Shark	0.000	0.046	0.000	0.397	0.000	2.298
Salmon Shark		0.000	0.000	0.352	0.000	0.287
Brown Cat Shark	0.000	0.063		0.000	0.000	0.782
Blue Shark		0.000		0.000		0.000
Shark Unidentified		0.000		0.000		0.000
Big Skate	0.000	0.008	0.000	0.080		0.000
Longnose Skate	0.000	0.051		0.000	0.000	0.030
<b>PROHIBITED SPECIES Salmon</b>						
	Retained #	Discard #	Retained #	Discard #	Retained #	Discard #
Chinook Salmon	0	13	0	14	0	107
Coho Salmon	0	0	0	0	0	0
Chum Salmon	0	0	0	0	0	0
Pink Salmon	0.000	0.000	0.000	0.000	0.000	0.000
<b>PROHIBITED SPECIES Other</b>						
	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
Pacific Halibut	0.000	0.000	0.000	0.060	0.000	0.014

Table 2e (part 2)

Species Name	Predator		Raven		Sea Storm	
	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
NON_GROUNDFISH SPECIES						
Jellyfish		0.000	0.000	0.006	0.000	0.018
Ascidian - Sea Squirt - Tunicate Unident.		0.000		0.000	0.001	0.000
Lamprey Unidentified	0.000	0.000		0.000	0.001	0.000
Pacific Mackerel		0.000		0.000	0.001	0.000
Jack Mackerel		0.000		0.000	0.153	0.000
Cutlassfish Unidentified		0.000		0.000		0.000
Pacific Saury		0.000		0.000		0.000
Pacific Herring	0.000	0.000	0.000	0.007	0.002	0.001
Ragfish		0.000		0.000	0.411	0.028
Opah		0.000		0.000		0.000
Eulachon		0.000		0.000	0.000	0.000
Ribbonfish Unidentified		0.000		0.000	0.087	0.000
Pacific Lamprey		0.000		0.000	0.002	0.000
Longnose Lancetfish		0.000		0.000		0.000
American Shad		0.000	0.000	0.469	0.029	0.003
King-of-the-Salmon	0.016	0.000		0.000	0.495	0.000
Pacific Sardine		0.000		0.000		0.000
Thresher Shark		0.000		0.000		0.000
Lanternfish Unidentified		0.000		0.000	0.000	0.000
Duckbill Barracudina		0.000		0.000		0.000
Barracudina Unidentified		0.000		0.000		0.000
Pacific Pomfret		0.000		0.000	0.075	0.000
Medusafish		0.000		0.000	0.054	0.000
Tubeshoulder Unidentified		0.000		0.000	0.002	0.000
Ocean Sunfish		0.000		0.000		0.000
Deepsea Smelt Unidentified		0.000		0.000		0.000
Smelt Unidentified		0.000		0.000		0.000
Bigscale Unidentified		0.000		0.000		0.000
Blacksmelt Unidentified		0.000		0.000		0.000
Daggertooth		0.000		0.000	0.002	0.000
Dragonfish Unidentified		0.000		0.000	0.001	0.000
Eelpout Unidentified		0.000		0.000		0.000
Grenadier Unidentified		0.000		0.000	0.007	0.000
Isopod		0.000		0.000		0.000
Loosejaws Unidentified		0.000		0.000		0.000
Manefish		0.000		0.000		0.000
Oxeye Oreo		0.000		0.000		0.000
Paperbones Unidentified		0.000		0.000		0.000
Pearleyes Unidentified		0.000		0.000	0.000	0.000
Rough Pomfret		0.000		0.000	0.005	0.000
Sea Anemone Unidentified		0.000		0.000		0.000
Sea Devil Unidentified		0.000		0.000		0.000
Shrimp Unidentified		0.000		0.000		0.000
Skate Egg Case Unidentified		0.000		0.000		0.000
Snailfish Unidentified		0.000		0.000	0.001	0.000
Snipe Eel Unidentified		0.000		0.000		0.000
Spookfish Unidentified		0.000		0.000	0.006	0.000
Spotted Ratfish		0.000		0.000		0.000
Viperfish Unidentified		0.000		0.000		0.000
White Barracudina		0.000		0.000		0.000
Fish Unidentified		0.000		0.000		0.000
Invertebrate Unidentified		0.000		0.000		0.000
Fish Waste		0.000	0.000	0.002		0.000
Miscellaneous Unidentified		0.000	0.000	0.000	0.000	0.010

Table 2f (part 1)

Species Name	Seadawn			Seeker			Traveler	
	Retained mt	Discard mt		Retained mt	Discard mt		Retained mt	Discard mt
<b>ROUNDFISH</b>								
Whiting	3,819	3		1,090	15		4,132	39
Sablefish	0.046	0.000		0.041	0.000		0.004	0.018
Lingcod	0.028	0.000			0.000		0.000	0.111
<b>FLATFISH</b>	Retained mt	Discard mt		Retained mt	Discard mt		Retained mt	Discard mt
Flatfish Unidentified		0.000			0.000			0.000
Rex Sole	0.042	0.000		0.012	0.000		0.016	0.025
Dover Sole	0.010	0.000		0.002	0.000		0.000	0.001
Slender Sole		0.000			0.000		0.000	0.000
Arrowtooth Flounder	0.121	0.000		0.019	0.000		0.106	0.028
<b>ROCKFISH</b>	Retained mt	Discard mt		Retained mt	Discard mt		Retained mt	Discard mt
Canary Rockfish	0.000	0.004			0.000		0.029	0.005
Dark Blotched Rockfish	0.000	0.920		0.000	0.024		0.222	0.173
Pacific Ocean Perch	0.000	0.048		0.000	0.001		0.072	0.004
Widow Rockfish	0.000	0.113		0.000	0.005		0.309	2.219
Bocaccio		0.000			0.000			0.000
Sharpchin Rockfish		0.000			0.000		0.002	0.000
Rougheye Rockfish	0.000	0.267		0.000	0.196		0.074	0.007
Silvergray Rockfish		0.000			0.000		0.000	0.003
Splitnose Rockfish	0.000	0.529		0.000	0.267		0.032	0.327
Shortbelly Rockfish		0.000			0.000		0.000	0.000
Blackgill Rockfish		0.000			0.000			0.000
Yellowtail Rockfish	0.000	0.030			0.000		0.079	0.004
Redstripe Rockfish		0.000			0.000			0.000
Shortraker Rockfish		0.000			0.000			0.000
Aurora Rockfish		0.000			0.000			0.000
Bank Rockfish		0.000			0.000			0.000
Shortspine Thornyhead	0.000	0.265		0.000	0.063		0.011	0.180
Longspine Thornyhead Rockfish		0.000			0.000			0.000
Harlequin Rockfish		0.000			0.000			0.000
Red Banded Rockfish		0.000			0.000			0.000
Stripetail Rockfish		0.000			0.000		0.000	0.001
Yellowmouth Rockfish		0.000			0.000			0.000
<b>REMAINING GROUND FISH SPECIES</b>	Retained mt	Discard mt		Retained mt	Discard mt		Retained mt	Discard mt
Squid Unidentified	0.968	0.004		1.334	0.048		0.293	2.526
Humboldt Squid		0.000			0.000			0.000
Octopus Unidentified		0.000			0.000		0.000	0.001
Pacific Sleeper Shark	0.000	0.001			0.000		0.000	0.035
Spiny Dogfish Shark	0.000	1.041		0.000	2.109		0.238	0.397
Salmon Shark		0.000			0.000			0.000
Brown Cat Shark	0.002	0.467		0.000	0.521		0.053	0.038
Blue Shark	0.000	0.093			0.000			0.000
Shark Unidentified		0.000			0.000		0.000	0.000
Big Skate		0.000			0.000			0.000
Longnose Skate	0.000	0.025			0.000		0.000	0.024
<b>PROHIBITED SPECIES Salmon</b>	Retained #	Discard #		Retained #	Discard #		Retained #	Discard #
Chinook Salmon	0	114		0	90		0	274
Coho Salmon	0	0		0	0		0	0
Chum Salmon	0	0		0	0		0	0
Pink Salmon	0.000	0.000		0.000	0.000		0.000	0.000
<b>PROHIBITED SPECIES Other</b>	Retained mt	Discard mt		Retained mt	Discard mt		Retained mt	Discard mt
Pacific Halibut	0.000	0.000		0.000	0.000		0.000	0.070

Table 2f (part 2)

Species Name	Seadawn		Seeker		Traveler	
	Retained mt	Discard mt	Retained mt	Discard mt	Retained mt	Discard mt
NON_GROUNDFISH SPECIES						
Jellyfish		0.000		0.000	0.000	0.010
Ascidian - Sea Squirt - Tunicate Unident.	0.000	0.000	0.000	0.000	0.000	0.001
Lamprey Unidentified	0.000	0.000		0.000	0.000	0.000
Pacific Mackerel		0.000		0.000	0.008	0.048
Jack Mackerel	0.680	0.006	0.001	0.000	4.023	6.796
Cutlassfish Unidentified		0.000	0.002	0.000		0.000
Pacific Saury		0.000		0.000		0.000
Pacific Herring	0.000	0.000	0.000	0.000	0.002	0.000
Ragfish	0.263	0.001	0.117	0.000	0.061	0.098
Opah		0.000		0.000		0.000
Eulachon		0.000		0.000	0.000	0.000
Ribbonfish Unidentified	0.041	0.000	0.037	0.000		0.000
Pacific Lamprey	0.000	0.000		0.000	0.000	0.000
Longnose Lancetfish	0.010	0.000		0.000		0.000
American Shad	3.449	0.000	0.001	0.000	0.500	0.124
King-of-the-Salmon	0.291	0.000	0.177	0.001	0.385	0.002
Pacific Sardine		0.000		0.000	0.000	0.000
Thresher Shark	0.000	0.323		0.000		0.000
Lanternfish Unidentified	0.001	0.000	0.002	0.000	0.000	0.000
Duckbill Barracudina		0.000		0.000		0.000
Barracudina Unidentified		0.000		0.000	0.000	0.001
Pacific Pomfret	0.029	0.000	0.094	0.000	0.003	0.000
Medusafish	0.030	0.000	0.047	0.000	0.014	0.000
Tube shoulder Unidentified	0.000	0.000		0.000		0.000
Ocean Sunfish		0.000		0.000	0.000	0.055
Deepsea Smelt Unidentified		0.000		0.000		0.000
Smelt Unidentified		0.000		0.000		0.000
Bigscale Unidentified		0.000		0.000		0.000
Blacksmelt Unidentified		0.000		0.000		0.000
Daggertooth	0.001	0.000	0.003	0.000		0.000
Dragonfish Unidentified	0.000	0.000	0.000	0.000		0.000
Eelpout Unidentified		0.000		0.000		0.000
Grenadier Unidentified	0.018	0.000	0.005	0.000		0.000
Isopod		0.000		0.000		0.000
Loosejaws Unidentified		0.000		0.000		0.000
Manefish	0.003	0.000	0.002	0.000		0.000
Oxeye Oreo		0.000		0.000		0.000
Paperbones Unidentified		0.000		0.000		0.000
Pearleyes Unidentified		0.000	0.000	0.000		0.000
Rough Pomfret	0.009	0.000		0.000		0.000
Sea Anemone Unidentified		0.000		0.000		0.000
Sea Devil Unidentified		0.000		0.000		0.000
Shrimp Unidentified		0.000		0.000	0.000	0.000
Skate Egg Case Unidentified	0.000	0.000	0.000	0.000		0.000
Snailfish Unidentified		0.000		0.000		0.000
Snipe Eel Unidentified		0.000		0.000		0.000
Spookfish Unidentified	0.003	0.000	0.004	0.000		0.000
Spotted Ratfish		0.000		0.000		0.000
Viperfish Unidentified		0.000	0.000	0.000		0.000
White Barracudina		0.000		0.000		0.000
Fish Unidentified		0.000		0.000		0.000
Invertebrate Unidentified		0.000		0.000		0.000
Fish Waste		0.000		0.000	0.000	0.094
Miscellaneous Unidentified	0.000	0.000	0.000	0.000	0.000	0.001

Table 2g (part 1)

Species Name	Western Dawn	
	Retained mt	Discard mt
ROUND FISH		
Whiting	1,653	9
Sablefish		0.000
Lingcod		0.000
FLATFISH	Retained mt	Discard mt
Flatfish Unidentified		0.000
Rex Sole	0.004	0.000
Dover Sole		0.000
Slender Sole		0.000
Arrowtooth Flounder	0.059	0.000
ROCKFISH	Retained mt	Discard mt
Canary Rockfish	0.016	0.000
Dark Blotched Rockfish	0.053	0.000
Pacific Ocean Perch	0.039	0.000
Widow Rockfish	0.350	0.000
Bocaccio		0.000
Sharpchin Rockfish		0.000
Rougheye Rockfish	0.080	0.000
Silvergray Rockfish		0.000
Splitnose Rockfish	0.017	0.000
Shortbelly Rockfish		0.000
Blackgill Rockfish		0.000
Yellowtail Rockfish	0.051	0.000
Redstripe Rockfish		0.000
Shortraker Rockfish		0.000
Aurora Rockfish		0.000
Bank Rockfish		0.000
Shortspine Thornyhead	0.006	0.000
Longspine Thornyhead Rockfish		0.000
Harlequin Rockfish		0.000
Red Banded Rockfish		0.000
Stripetail Rockfish		0.000
Yellowmouth Rockfish		0.000
REMAINING GROUND FISH SPECIES	Retained mt	Discard mt
Squid Unidentified	0.393	0.169
Humboldt Squid		0.000
Octopus Unidentified		0.000
Pacific Sleeper Shark	0.000	0.080
Spiny Dogfish Shark	0.191	0.172
Salmon Shark		0.000
Brown Cat Shark	0.023	0.000
Blue Shark		0.000
Shark Unidentified		0.000
Big Skate		0.000
Longnose Skate	0.000	0.031
PROHIBITED SPECIES Salmon	Retained #	Discard #
Chinook Salmon	0	37
Coho Salmon	0	0
Chum Salmon	0	0
Pink Salmon	0.000	0.000
PROHIBITED SPECIES Other	Retained mt	Discard mt
Pacific Halibut	0.000	0.000

  

WMC FLEET TOTALS		
Retained mt	Discard mt	Total
61,861	250	62,111
0.725	0.177	0.902
0.503	0.357	0.859
Retained mt	Discard mt	Total
0.000	0.000	0.000
0.543	0.049	0.592
0.047	0.004	0.051
0.004	0.000	0.004
1.760	0.176	1.936
Retained mt	Discard mt	Total
0.202	0.153	0.355
4.757	2.471	7.228
1.692	1.905	3.597
25.877	13.748	39.625
0.010	0.062	0.072
0.002	0.001	0.003
0.587	0.896	1.483
0.064	0.009	0.073
2.731	3.454	6.186
0.001	0.000	0.002
0.000	0.005	0.005
18.258	24.488	42.747
0.013	0.032	0.044
0.000	0.008	0.008
0.000	0.001	0.001
0.001	0.004	0.005
0.565	1.063	1.629
0.001	0.001	0.002
0.000	0.001	0.001
0.000	0.002	0.002
0.000	0.001	0.001
0.002	0.000	0.002
Retained mt	Discard mt	Total
11.358	20.143	31.501
0.000	0.156	0.156
0.009	0.010	0.019
0.006	0.320	0.326
6.078	15.460	21.538
0.000	1.905	1.905
3.121	6.966	10.087
0.000	0.490	0.490
0.000	0.000	0.000
0.000	0.254	0.254
0.000	0.404	0.404
Retained #	Discard #	Total
31	2878	2909
0	100	100
0	4	4
0.000	0.000	0.000
Retained mt	Discard mt	Total
0.000	0.339	0.339

Table 2g (part 2)

Species Name	Western Dawn		WMC FLEET TOTALS		
	Retained mt	Discard mt	Retained mt	Discard mt	Total
NON_GROUNDFISH SPECIES					
Jellyfish	0.000	0.001	0.001	0.179	0.180
Ascidian - Sea Squirt - Tunicate Unident.	0.000	0.000	0.013	0.025	0.038
Lamprey Unidentified		0.000	0.003	0.006	0.009
Pacific Mackerel	0.019	0.000	0.410	0.064	0.474
Jack Mackerel	0.244	0.000	10.949	8.798	19.747
Cutlassfish Unidentified		0.000	0.003	0.011	0.014
Pacific Saury		0.000	0.000	0.001	0.001
Pacific Herring	0.001	0.000	0.058	0.041	0.099
Ragfish	0.000	0.048	2.087	2.817	4.904
Opah		0.000	0.062	0.000	0.062
Eulachon		0.000	0.001	0.001	0.001
Ribbonfish Unidentified		0.000	0.249	0.000	0.249
Pacific Lamprey		0.000	0.002	0.001	0.003
Longnose Lancetfish		0.000	0.010	0.023	0.034
American Shad	5.330	0.000	14.100	4.415	18.515
King-of-the-Salmon	0.326	0.027	2.663	1.519	4.182
Pacific Sardine		0.000	0.060	0.012	0.072
Thresher Shark		0.000	0.000	0.933	0.933
Lanternfish Unidentified	0.000	0.000	0.014	0.009	0.023
Duckbill Barracudina		0.000	0.000	0.001	0.001
Barracudina Unidentified		0.000	0.000	0.001	0.001
Pacific Pomfret	0.016	0.000	0.400	0.308	0.708
Medusafish	0.004	0.000	0.346	0.271	0.617
Tubesoulder Unidentified		0.000	0.005	0.001	0.006
Ocean Sunfish	0.005	0.000	0.052	0.077	0.128
Deepsea Smelt Unidentified		0.000	0.034	0.025	0.059
Smelt Unidentified		0.000	0.000	0.000	0.000
Bigscale Unidentified		0.000	0.000	0.000	0.000
Blacksmelt Unidentified		0.000	0.000	0.000	0.000
Daggertooth		0.000	0.005	0.000	0.005
Dragonfish Unidentified		0.000	0.004	0.012	0.016
Eelpout Unidentified		0.000	0.002	0.000	0.002
Grenadier Unidentified		0.000	0.050	0.324	0.373
Isopod		0.000	0.000	0.000	0.000
Loosejaws Unidentified		0.000	0.001	0.005	0.006
Manefish		0.000	0.006	0.001	0.006
Oxeye Oreo		0.000	0.000	0.001	0.001
Paperbones Unidentified		0.000	0.000	0.000	0.000
Pearleyes Unidentified		0.000	0.000	0.001	0.001
Rough Pomfret	0.005	0.000	0.049	0.011	0.060
Sea Anemone Unidentified		0.000	0.000	0.000	0.000
Sea Devil Unidentified		0.000	0.000	0.001	0.001
Shrimp Unidentified		0.000	0.000	0.000	0.000
Skate Egg Case Unidentified		0.000	0.000	0.000	0.000
Snailfish Unidentified		0.000	0.004	0.000	0.004
Snipe Eel Unidentified		0.000	0.000	0.000	0.000
Spookfish Unidentified		0.000	0.025	0.017	0.042
Spotted Ratfish		0.000	0.000	0.002	0.002
Viperfish Unidentified		0.000	0.008	0.002	0.010
White Barracudina		0.000	0.000	0.000	0.000
Fish Unidentified		0.000	0.010	0.013	0.023
Invertebrate Unidentified		0.000	0.000	0.004	0.004
Fish Waste		0.000	0.008	0.150	0.159
Miscellaneous Unidentified	0.000	0.002	0.000	0.068	0.068

## Attachment 2

### Sea State Daily Report 11/24/14 - page 1

#### Harvest Last 14 Days (MT)

Date	Pacific Hake	Canary Rockfish	Widow Rockfish	Dark Blotched Rockfish	Pacific Ocean Perch	Chinook Salmon	Rougheye Rockfish
11/23/2014	0	0.00	0.00	0.00	0.00	0	0.00
11/22/2014	0	0.00	0.00	0.00	0.00	0	0.00
11/21/2014	0	0.00	0.00	0.00	0.00	0	0.00
11/20/2014	0	0.00	0.00	0.00	0.00	0	0.00
11/19/2014	0	0.00	0.00	0.00	0.00	0	0.00
11/18/2014	0	0.00	0.00	0.00	0.00	0	0.00
11/17/2014	274	0.00	0.00	0.00	0.00	0	0.00
11/16/2014	421	0.00	0.00	0.00	0.00	0	0.00
11/15/2014	822	0.00	0.00	0.00	0.00	0	0.00
11/14/2014	1,045	0.00	0.00	0.00	0.00	0	0.00
11/13/2014	315	0.00	0.00	0.00	0.00	0	0.00
11/12/2014	323	0.00	0.00	0.06	0.13	6	0.02
11/11/2014	941	0.00	0.00	0.02	0.00	0	0.01
11/10/2014	398	0.00	0.00	0.01	0.00	16	0.01

#### Allocation and Harvest Totals (MT)

	Pacific Hake	Canary Rockfish	Widow Rockfish	Dark Blotched Rockfish	Pacific Ocean Perch	Chinook Salmon	Rougheye Rockfish
2014 Allocation for Motherships	73,049	5.40	120.00	9.30	7.20	2,165	0.00
Total Catch YTD	62,111	0.35	39.62	7.23	3.60	2,904	1.48
Remaining	10,938	5.05	80.38	2.07	3.60	-739	-1.48
Percentage Taken	85.0 %	6.6 %	33.0 %	77.7 %	50.0 %	134.1 %	0.0 %
Rate YTD	0	0.01	0.64	0.12	0.06	0	0.02



# Sea State Daily Report 11/24/14 - page 2

## Allocation and Harvest By Seasonal Pool (MT)

	Pacific Hake	Canary Rockfish	Widow Rockfish	Dark Blotched Rockfish	Pacific Ocean Perch	Chinook Salmon	Rougheye Rockfish
<b>2014 Pool 1</b>							
Allocation	23,232	0.21	31.15	0.80	2.97	619	0.00
Catch	23,232	0.20	31.12	0.79	2.96	619	0.04
Remaining	0	0.00	0.03	0.00	0.00	0	-0.04
Percentage Taken	100.0 %	98.3 %	99.9 %	99.5 %	99.9 %	100.0 %	0.0 %
<b>2014 Pool 2</b>							
Allocation	12,263	0.11	5.08	3.55	0.20	741	0.00
Catch	12,268	0.11	5.08	3.55	0.20	748	0.42
Remaining	-5	0.00	0.00	0.00	0.00	-8	-0.42
Percentage Taken	100.0 %	96.0 %	100.0 %	99.9 %	98.5 %	101.0 %	0.0 %
<b>2014 Pool 3</b>							
Allocation	12,081	0.04	3.09	3.38	0.29	1,146	0.00
Catch	12,082	0.04	3.09	2.71	0.28	1,148	0.21
Remaining	-2	0.00	0.00	0.68	0.01	-2	-0.21
Percentage Taken	100.0 %	110.4 %	100.0 %	80.0 %	98.1 %	100.2 %	0.0 %
<b>2014 Pool 4</b>							
Allocation	25,474	5.06	81.06	2.29	3.77	-334	0.00
Catch	14,470	0.00	0.34	0.18	0.15	388	0.82
Remaining	11,004	5.06	80.73	2.11	3.62	-722	-0.82
Percentage Taken	56.8 %	0.1 %	0.4 %	7.9 %	4.1 %	-116.2 %	0.0 %

Note: The "allocations" are not the "initial allocations" by pool, the "allocations" and "percent taken" in this table are after transfers of un-used bycatch to subsequent pools.

### Sea State Daily Report 11/24/14 - page 3

#### Vessel Rates YTD (KG/MT)

Harvesting Vessel	Canary Rockfish	Widow Rockfish	Dark Blotched Rockfish	Pacific Ocean Perch	Chinook Salmon	Rougheye Rockfish
Arctic Fury	0.008	0.067	0.005	0.011	0.111	0.025
Bay Islander	0.034	2.671	0.049	0.598	0.004	0.015
Lisa Melinda	0.001	0.781	0.041	0.021	0.031	0.033
Marathon	0.007	0.299	0.192	0.589	0.008	0.02
Mark I	0.005	0.482	0.767	0.008	0.084	0.014
Miss Berdie	0.003	0.471	0.02	0	0.025	0
Miss Sarah	0.002	0.399	0.012	0.002	0	0
Muir Milach	0.002	0.224	0.025	0.019	0.065	0.007
Nordic Star	0.005	2.257	0.083	0.035	0.105	0.015
Pacific Challenger	0	0	0.005	0.001	0.011	0.015
Pegasus	0.014	0.226	0.008	0.003	0.023	0.002
Perseverance	0.005	1.318	0.022	0.03	0.006	0.001
Predator	0	0	1.618	0.132	0.026	0
Raven	0.02	0.941	0.016	0.008	0.006	0
Sea Storm	0.003	0.323	0.009	0.009	0.018	0.048
Seadawn	0.001	0.03	0.241	0.012	0.03	0.07
Seeker	0	0.005	0.021	0.001	0.081	0.177
Traveler	0.008	0.606	0.095	0.018	0.066	0.019
Western Dawn	0.009	0.211	0.032	0.023	0.022	0.048

#### Fleet Rates YTD (KG/MT)

Processing Vessel	Canary Rockfish	Widow Rockfish	Dark Blotched Rockfish	Pacific Ocean Perch	Chinook Salmon	Rougheye Rockfish
Arctic Storm	0.002	0.35	0.106	0.019	0.019	0.041
Excellence	0.008	0.567	0.033	0.002	0.066	0.003
Golden Alaska	0.009	0.551	0.112	0.405	0.009	0.018
Ocean Phoenix	0.011	0.144	0.449	0.026	0.03	0.037
Ocean Rover	0.004	1.383	0.054	0.024	0.09	0.02

Yellow indicates test i part 2 failure (move may be required if 3 day rate fails also)

#### Fleet Rates Last 3 Days (KG/MT)

Begin Date	End Date	Processing Vessel	Predominant Pool	Canary Rockfish	Widow Rockfish	Dark Blotched Rockfish	Pacific Ocean Perch	Chinook Salmon	Rougheye Rockfish
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Yellow indicates test i failure, orange indicates test ii failure (either color indicates that a move is required)

#### Fleet Daily Rates (KG/MT)

Date	Processing Vessel	Predominant Pool	Canary Rockfish	Widow Rockfish	Dark Blotched Rockfish	Pacific Ocean Perch	Chinook Salmon	Rougheye Rockfish
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Yellow indicates test iii failure (move required)

Sea State Daily Report 11/24/14 - page 4

Vessel Allocation and Catch YTD (MT)

Pool	Harvesting Vessel	Pacific Hake Allocation	Pacific Hake Remaining	Pacific Hake	Canary Rockfish	Widow Rockfish	Dark Blotched Rockfish	Pacific Ocean Perch	Chinook Salmon	Rougheye Rockfish
1	Arctic Fury	1,615	0	1615	0	0.003	0.002	0	336	0
1	Bay Islander	963	0	963	0.033	2.571	0.047	0.576	4	0.015
1	Lisa Melinda	1,628	0	1628	0.006	3.509	0.161	0.09	15	0
1	Marathon	1,074	0	1074	0.023	1.065	0.141	1.99	0	0.015
1	Miss Berdie	3,219	0	3219	0.01	1.516	0.066	0	81	0
1	Miss Sarah	1,366	0	1366	0.002	0.544	0.016	0.003	0	0
1	Muir Milach	2,631	0	2631	0	1.005	0.107	0.011	8	0
1	Nordic Star	2,087	0	2087	0.013	13.241	0.171	0.199	76	0
1	Pegasus	3,284	0	3284	0.045	0.743	0.026	0.01	76	0.006
1	Perseverance	1,874	0	1874	0.007	3.032	0.018	0.062	8	0
1	Raven	2,411	0	2411	0.048	2.27	0.039	0.02	14	0
1	Sea Storm	1,081	0	1081	0.017	1.622	0	0.006	0	0
2	Arctic Fury	1,565	0	1565	0.028	0.227	0.016	0.038	44	0.086
2	Lisa Melinda	565	0	565	0	0.005	0	0	11	0.115
2	Mark I	4,043	0	4043	0.021	1.951	3.101	0.034	340	0.057
2	Muir Milach	351	0	351	0.004	0.005	0	0	6	0
2	Nordic Star	117	0	117	0	0.002	0	0.009	2	0
2	Perseverance	172	0	172	0.004	0.029	0.031	0.003	4	0.001
2	Sea Storm	129	0	129	0	0.009	0.001	0	30	0.005
2	Traveler	3,910	0	3910	0.034	2.5	0.348	0.077	274	0.073
2	Western Dawn	1,410	-5	1415	0.016	0.35	0.051	0.039	37	0.079
3	Lisa Melinda	977	0	977	0	0.004	0.019	0.003	2	0
3	Marathon	637	0	637	0	0	0.533	0.107	18	0
3	Muir Milach	1,285	-1	1286	0.011	0.492	0.008	0.004	378	0.005
3	Nordic Star	3,465	0	3465	0.023	2.458	0.398	0.035	569	0.047
3	Perseverance	275	-1	276	0	0	0.002	0.006	2	0
3	Predator	492	0	492	0	0	0.797	0.065	13	0
3	Sea Storm	2,293	0	2293	0.003	0.026	0.035	0.018	69	0.111
3	Seadawn	2,657	0	2657	0.004	0.109	0.914	0.043	98	0.051
3	Seeker	0	0	0	0	0	0	0	0	0
4	Arctic Fury	1,397	1,156	241	0	0	0	0	0	0
4	Bay Islander	77	77	0	0	0	0	0	0	0
4	Lisa Melinda	1,354	0	1354	0	0.014	0.005	0.002	110	0.035
4	Marathon	2,545	692	1852	0.003	0	0.009	0.002	12	0.057
4	Mark I	1,399	1,399	0	0	0	0	0	0	0
4	Miss Berdie	494	494	0	0	0	0	0	0	0
4	Miss Sarah	277	277	0	0	0	0	0	0	0
4	Muir Milach	2,662	216	2447	0	0.005	0.05	0.112	46	0.044
4	Nordic Star	1,471	182	1288	0	0	0.007	0.001	83	0.054
4	Pacific Challenger	2,193	118	2075	0	0	0.011	0.001	23	0.03
4	Pegasus	651	651	0	0	0	0	0	0	0

4	Perseverance	137	137	0	0	0	0	0	0	0
4	Predator	62	62	0	0	0	0	0	0	0
4	Raven	325	325	0	0	0	0	0	0	0
4	Sea Storm	2,433	0	2433	0	0.28	0.021	0.029	8	0.174
4	Seadawn	2,750	1,585	1165	0	0.004	0.006	0.005	16	0.216
4	Seeker	2,994	1,889	1105	0	0.005	0.024	0.001	90	0.196
4	Traveler	1,409	1,147	261	0	0.028	0.047	0	0	0.008
4	Western Dawn	845	598	247	0	0	0.002	0	0	0

**Exhibit A****WHITING MOTHERSHIP COOPERATIVE**

Members as of March 10, 2015

<i><b>Permit Owner and Contact</b></i>	<i><b>Permit Number</b></i>	<i><b>Mailing Address</b></i>
American Seafoods Company LLC Mike Hyde Jan Jacobs	GF0351	2025 First Avenue West Suite 900 Seattle, WA 98121
Bay Islander Fisheries Inc. Kurt Cochran Kimberlee Cochran	GF0320	P.O. Box 290 Siletz, OR 97380
Calamari LLC Mike Okoniewski	GF0272	P.O. Box 5583 Charleston, OR 97420
Cooper, Mark E. Mark Cooper	GF0254	P.O. Box 428 Newport, OR 97365
EX-1 Corporation Michael Retherford	GF0810	880 N.E. Sturdevant Road Toledo, OR 97391
Fury Group, Inc. Michael Stone	GF0051 GF0675	4005 20 <sup>th</sup> Avenue West Suite 207 Seattle, WA 98199
F/V Leslie Lee, Inc. Raymond Hall Danny Hall Skip Woodard	GF0144	P.O. Box 2276 Newport, OR 97365
F/V Neahkahnne LLC Dale Myer Donna Parker	GF0374	2727 Alaskan Way, Pier 69 Seattle, WA 98121
Miss Sue Fisheries Inc. Jim Seavers	GF0017	P.O. Box 1010 Newport, OR 97365

<i>Permit Owner and Contact</i>	<i>Permit Number</i>	<i>Mailing Address</i>
F/V Seeker, Inc. Jim Seavers	GF0109	P.O. Box 1010 Newport, OR 97365
FY Fisheries, Inc. Blue Dawn Fisheries, Inc. Harvest Moon Fisheries, Inc. Yaquina Sea Dawn, Inc. Jincks, Inc. Bristol Fisheries LLC Fred Yeck	GF0572	P.O. Box 352 Newport, OR 97365
Larkin, Marion Jean	GF0136	19737 Trophy Lane Mount Vernon, WA 98274
Lisa Melinda Fisheries, Inc. David Smith Jerry Bates	GF0010	P.O. Box 1650 Newport, OR 97365
Marathon Fisheries, Inc. Kurt Cochran Kimberlee Cochran	GF0105	P.O. Box 290 Siletz, OR 97380
MAR-GUN Fisheries, Inc. Gunnar Ildhuso, Jr.	GF0438	101 Nickerson Street Suite 340 Seattle, WA 98109
Mark I, Inc. J. Christopher Garbrick	GF0043	4225 23 <sup>rd</sup> Avenue West Suite 103 Seattle, WA 98199
Miss Berdie, Inc. TS Fisheries, Inc. Stan Schones Tom Stam	GF0517	1483 Old River Road N.E. Siletz, OR 97380
Muir Milach, Inc. Dave Fraser Dave Willmore	GF0795	P.O. Box 954 Mercer Island, WA 98040

<i>Permit Owner and Contact</i>	<i>Permit Number</i>	<i>Mailing Address</i>
New Life Fisheries, Inc. Kurt Cochran Kimberlee Cochran	GF0321	P.O. Box 290 Siletz, OR 97380
Nicole Fisheries LLC David Lethin	GF0052	112 Harrison Avenue Centralia, WA 98531
North Sea, Inc. Bryan North Mike Storey	GF0132	7327 SW Barnes Rd. #102, Portland Oregon, 97225
Pacific Dawn LLC Burt Parker Chris Peterson	GF0273	2324 N.W. 90 <sup>th</sup> Street Seattle, WA 98117
Patience Fisheries, Inc. Mark E. Cooper	GF0256	P.O. Box 428 Newport, OR 97365
Phoenix Processor Limited Partnership Joe Bersch	GF0362	333 First Ave. West, Seattle, WA 98119
Retherford, Michael or Kelley	GF0515	880 N.E. Sturdevant Road Toledo, OR 97391
Sea Clipper LLC (Ocean Gold) Greg Shaughnessy	GF0433	P.O. Box 1104 Westport , WA 98595

<i>Permit Owner and Contact</i>	<i>Permit Number</i>	<i>Mailing Address</i>
Sea Storm Fisheries, Inc. Arctic Storm, Inc. Dale Myer Donna Parker	GF0210	2727 Alaskan Way, Pier 69 Seattle, WA 98121
Traveler Fisheries LLC J. Christopher Garbrick	GF0111	4225 23 <sup>rd</sup> Avenue West Suite 103 Seattle, WA 98199
Trident Seafoods Corporation Christian Asay	GF0205	5303 Shilshole Ave. NW Seattle, WA 98117
West Coast Fishery Investments LLC (Aleutian Spray) Craig Cross	GF0154 GF0904 GF0971	5470 Shilshole Avenue N.W. Suite 300 Seattle , WA 98107
Whaley, Todd L.	GF0220	PO Box 6235 Brookings, OR 97415
Yaquina Trawlers, Inc. Raven Enterprises, Inc. DASL, Inc. Lyle Yeck Robert Smith	GF0124	1676 N.E. Yaquina Heights Drive Newport, OR 97365



**Exhibit B**

**WHITING MOTHERSHIP COOPERATIVE**

Harvest Schedule as of March 10, 2015

1. Members/Permit Owners and Allocation Percentages

<i>Members/Permit Owners &amp; Contact Persons</i>	<i>Percentage Allocation</i>
American Seafoods Company LLC Mike Hyde Jan Jacobs	GF0351 9.945747%
Bay Islander Fisheries Inc. Kurt Cochran Kimberlee Cochran	GF0320 0.505995%
Calamari LLC Mike Okoniewski	GF0272 0.611940%
Cooper, Mark E. Mark Cooper	GF0254 1.919750%
EX-1 Corporation Michael Retherford	GF0810 0.542467%
F/V Leslie Lee, Inc. Raymond Hall Danny Hall	GF0144 4.113516%
F/V/ Neahkahnle LLC Dale Myer Donna Parker	GF0374 3.944061%
F/V Seeker, Inc. Jim Seavers	GF0109 4.858447%
Fury Group, Inc. Michael Stone	GF0675 4.298209%

<i>Members/Permit Owners</i>	<i>Percentage Allocation</i>
FY Fisheries, Inc. and Blue Dawn Fisheries, Inc. and Harvest Moon Fisheries, Inc. and Yaquina Sea Dawn, Inc. and Jincks, Inc., and Bristol Fisheries LLC. Fred Yeck	GF0572 4.982793% (MSCV0572) 3.141636% (MSCV0090)
Miss Sue Fisheries Inc. Jim Seavers	GF0017 0.374698%
Larkin, Marion	GF0136 0.152638%
Lisa Melinda Fisheries, Inc. David Smith Jerry Bates	GF0010 4.523843%
Marathon Fisheries, Inc. Kurt Cochran Kimberlee Cochran	GF0105 4.903333%
MAR-GUN Fisheries, Inc. Gunnar Ildhuso, Jr.	GF0438 4.355232%
Mark I, Inc. J. Christopher Garbrick	GF0043 5.115294%
Miss Berdie, Inc. and TS Fisheries, Inc. Stan Schones Tom Stam	GF0517 4.558887%
Muir Milach, Inc. Dave Fraser Dave Willmore	GF0795 1.688707%
New Life Fisheries, Inc. Kurt Cochran Kimberlee Cochran	GF0321 0.151646%
Nicole Fisheries LLC David Lethin	GF0052 0.125453% (MSCV0052) 1.074783% (MSCV0708)

<i>Members/Permit Owners</i>	<i>Percentage Allocation</i>
North Sea, Inc. Bryan North	GF0132 5.387414%
Pacific Dawn LLC Burt Parker Chris Peterson	GF0273 3.002765%
Patience Fisheries, Inc. Mark E. Cooper	GF0256 0.931501%
Phoenix Processor Limited Partnership Joe Bersch	GF0362 1.527815%
Retherford, Michael or Kelley	GF0515 0.955006%
Sea Clipper LLC Greg Shaughnessy	GF0433 0.156388%
Sea Storm Fisheries, Inc. and Arctic Storm, Inc. Dale Myer Donna Parker	GF0210 3.443703%
Traveler Fisheries LLC J. Christopher Garbrick	GF0111 3.970116%
Trident Seafoods Corporation Christian Asay	GF0205 1.207269%

<i>Members/Permit Owners</i>	<i>Percentage Allocation</i>
West Coast Fishery Investments LLC (Aleutian Spray) Craig Cross	GF0154 & GF0904 & GF0971 5.116051% 2.159780% 2.209872%
Whaley, Todd L.	GF0220 1.040567%
Yaquina Trawlers, Inc. and Raven Enterprises, Inc. and DASL, Inc. Lyle Yeck Robert Smith	GF0124 3.002675%

## 2. List of Vessels Harvesting 2015 Allocations

<i>Vessel Name and Official Number</i>	<i>Vessel Name and Official Number</i>	<i>Vessel Name and Official Number</i>
ARCTIC FURY O.N. 996920	BAY ISLANDER O.N. 521200	CALAMARI O.N. 968968
EXCALIBUR O.N. 578930	LESLIE LEE O.N. 584873	LISA MELINDA O.N. 584360
MARATHON O.N. 596156	MAR-GUN O.N. 525608	MARK I O.N. 509552
MESSIAH O.N. 610150	MISS BERDIE O.N. 913277	MISS SARAH O.N. 921578
MISS SUE O.N. 580055	MUIR MILACH O.N. 611524	NEAHKAHNIE O.N. 599534
NEW LIFE O.N. 504299	NICOLE O.N. 923632	NORDIC FURY.. O.N. 542651

<i>Vessel Name and Official Number</i>	<i>Vessel Name and Official Number</i>	<i>Vessel Name and Official Number</i>
OCEAN HUNTER O.N. 926699	NORDIC STAR O.N. 961	PACIFIC CHALLENGER O.N. 518937
PACIFIC FURY O.N. 561934	PACIFIC PRINCE O.N. 697280	PACIFIC RAM O.N. 589115
PEGASUS O.N. 565120	PERSEVERANCE O.N. 536873	PREDATOR O.N. 547390
RAVEN O.N. 629499	SEA CLIPPER O.N. 553396	SEADAWN O.N. 548685
SEA STORM O.N. 628959	SEEKER O.N. 924585	STARWARD O.N. 617807
TRAVELER O.N. 929356	WESTERN DAWN O.N. 524423	WINONA J O.N. 645410

**WHITING MOTHERSHIP COOPERATIVE  
FIRST ADDENDUM TO  
THIRD AMENDED AND RESTATED MEMBERSHIP AGREEMENT**

This FIRST ADDENDUM TO THIRD AMENDED AND RESTATED MEMBERSHIP AGREEMENT (“Addendum”) is adopted by the WHITING MOTHERSHIP COOPERATIVE, a Washington Fish Marketing Act nonprofit corporation (the “Cooperative”) as of February 5th, 2015.

RECITALS

A. Amendment 20 to the Pacific Coast Groundfish Fishery Management Plan (“Amendment 20”) adopts a cooperative-based rationalization system for the mothership sector of the Pacific whiting fishery.

B. The Members have formed a fishery cooperative that qualifies to receive annual mothership whiting allocations under the regulations implementing Amendment 20.

C. The Members have executed that certain Membership Agreement dated as of March 8, 2011, that certain Amended and Restated Membership Agreement dated as of March 1, 2012 and the Second Amended and Restated Membership Agreement dated March 1, 2013, and that certain Third Amended and Restated Membership Agreement dated as of March 11th, 2014 (as amended, the “Membership Agreement”).

D. Pursuant to Section 11.a. of the Membership Agreement, the Cooperative Board of Directors has the authority to modify the fishing activity restrictions set forth therein. The Cooperative’s Board of Directors has determined that it is in the best interests of the Cooperative to add an additional seasonal pool, becoming available for harvest on June 1, for the year 2015, and to specify the procedure that will be followed in the event that the Cooperative receives a supplemental allocation of “Non-Whiting Species” during the course of a fishing season.

**ADDENDUM**

1. Defined Terms. Unless otherwise defined herein, the capitalized terms in this Addendum have the meaning they are given in the Membership Agreement.

2. Modification of Section 11. The provisions of Section 11 of the Membership Agreement are hereby amended to read as follows.

“11. Responsible Fishing Practices. The Members acknowledge that an objective of the Cooperative is to reduce the incidental catch of Non-Whiting Species. The Members further acknowledge that fishing practices can affect the rates and amounts of incidental catch of Non-Whiting Species. The Members therefore agree to exercise all reasonable efforts to conduct their fishing practices in a manner that reduces their incidental catch of Non-Whiting Species to the lowest commercially reasonable levels, through the methods and means adopted by the Cooperative’s Board of Directors from time to time in accordance with the terms of this Section 11. Such methods and means may include time and area closures, using or not using specific types of gear in specific areas or during specific times, and requiring Members to participate in overfished species risk pools that provide appropriate incentives and disincentives.

a. Management Measures. The restrictions on Member fishing activity may be modified by the Cooperative’s Board of Directors from time to time, provided that no such modification to the provisions of subsections (i) through (ix), below, shall take effect until the immediately following February 15. Notwithstanding the foregoing, amendments to the Whiting Bycatch Agreement shall take effect as of the effective date of such amendments. The fishing restrictions in effect as of February 15, 2015 are as follows:

i. Each Member shall sign, be bound by the terms and conditions of, and exercise all commercially reasonable efforts to comply with the Whiting Bycatch Agreement, as amended and renewed from time to time. In addition, each Member shall cause the owner and operator of each vessel harvesting any of such Member’s Pacific whiting allocation to do so.

ii. Each Member agrees that the Cooperative’s mothership sector Pacific whiting allocation shall be divided into five seasonal pools for the year 2015, the first pool being available for harvest on May 15, the second pool being available on June 1, the third pool being available on July 1, the fourth pool being available on September 15, and the fifth seasonal pool being available on October 15. Unless the Cooperative’s Board of Directors takes action otherwise, for the year 2016 and thereafter, the Cooperative shall have four seasonal pools, becoming available May 15, July 1, September 15 and October 15, respectively.

iii. Each seasonal pool shall be constituted by Member election. Each Member shall be entitled to apportion their Harvest Share among the seasonal pools in each Member’s sole discretion. Not less than

fifteen (15) days prior to the start date for each seasonal pool, each Member shall notify the Manager in writing regarding the amount of such Member's initial Pacific whiting allocation to be apportioned to such seasonal pool, shall identify the vessel or vessels that will harvest such Member's Harvest Share from such seasonal pool, and shall state the amount of tonnage to be harvested by each such vessel from such pool.

iv. Upon the Manager having received the Members' pool apportionment notices, the Manager shall apportion the initial Non-Whiting Species set-asides and allocations established pursuant to Section 3.b, above, to the seasonal pools, pro rata according to the proportion of Pacific whiting tonnage that the Members have declared their intention to harvest from such seasonal pool. Such initial Non-Whiting Species set-asides and allocations shall be managed as a common pool resource available to the vessels harvesting the Members' Pacific whiting allocations from such seasonal pool, under the terms and conditions of this Section 11, as amended from time to time, the Whiting Bycatch Agreement as amended from time to time, and such additional management measures that the Cooperative's Board of Directors adopts from time to time.

v. The Manager shall apportion any Pacific whiting allocations the Cooperative may receive in addition to its initial allocation (including, but not limited to, any rollovers of tribal Pacific whiting allocations) among the seasonal pools pro rata, according to the proportion of initial Pacific whiting tonnage that the Members have declared their intention to harvest from such seasonal pool. If the Cooperative receives an additional Non-Whiting species allocation before its initial allocation of such species has been exhausted, the additional allocation shall be apportioned among the seasonal pools pro rata according to the proportion of initial Pacific whiting tonnage that the Members have declared their intention to harvest from such seasonal pool. If the Cooperative receives an additional allocation of a Non-Whiting Species after its initial allocation of such species has been exhausted, the additional allocation shall be apportioned among one or more seasonal pools as the Board of Directors determines appropriate, per Section 11.a.ix., below.

vi. As of the earlier of (i) the total amount of Pacific whiting Harvest Share allocated to a seasonal pool being harvested, or (ii) the aggregate amount of one or more Non-Whiting Species apportioned to that seasonal pool being caught, the Manager shall close such seasonal pool, and all harvesting from that pool shall cease. If a seasonal pool is closed because the total amount of Pacific whiting allocated to that seasonal pool has been harvested, all vessels that harvested Pacific whiting from that pool shall be eligible to harvest Pacific whiting from subsequent seasonal pools during the



same fishing year. If a seasonal pool closes because the aggregate amount of one or more Non-Whiting Species apportioned to the seasonal pool has been harvested, the Manager shall evaluate each participating vessel's catch amounts of each Non-Whiting Species apportionment that was fully harvested from that seasonal pool. Subject to the provisions of subsection 11.vi.A, below, if the amount of the Non-Whiting Species harvested by a vessel participating in the pool that was fully harvested from that seasonal pool exceeds one hundred and twenty five percent (125%) of the amount of such Non-Whiting Species allocated to the pool on the basis of the Pacific whiting tonnage assigned to the pool for harvesting by that vessel, as reduced by Non-Whiting Species amounts associated with Pacific whiting that was subsequently transferred to other pool vessels for harvesting, and as increased by the Non-Whiting Species amounts associated with Pacific whiting subsequently transferred to and harvested by that vessel, then such vessel shall not be eligible to harvest any Pacific whiting transferred from a closed pool to a subsequent pool, and shall not be eligible to harvest any Pacific whiting Harvest Share apportioned to a subsequent seasonal pool other than that assigned to such vessel at the time of initial Member election pursuant to Section 11(a)(iii), above, unless and until all other vessels operating in compliance with such 125% performance standard have ceased harvesting Pacific whiting for the year or there is Non-Whiting Species catch available in sufficient amount to support its fishing activity, as determined by the Cooperative's Board of Directors in its sole discretion. If the Cooperative receives an additional Non-Whiting species allocation before its initial allocation of such species has been exhausted, upon the additional allocation being apportioned among the seasonal pools in accordance with Section 11.a.v., above, the Manager shall re-evaluate the performance of vessels participating in each pool that was closed on the basis of the harvest of such species (if any), taking the additional allocation into account, and each vessel's eligibility to harvest in a subsequent pool shall be determined in accordance with this Section on the basis of the adjusted allocation.

A. If a seasonal pool is closed because the aggregate amount of one or more Non-Whiting Species apportioned to the seasonal pool has been harvested, and one or more vessels are declared ineligible to harvest under Section 11.a.vi, above, as a result, the Manager shall thereafter monitor the quotients of the remaining amount of each Non-Whiting Species divided by the remaining amount of Pacific whiting on an ongoing basis. If at any time the Manager determines that quotient for every Non-Whiting Species is greater than one hundred fifty percent (150%) of the quotient of the initial amount of such Non-Whiting Species available to the Cooperative divided by the initial amount of Pacific whiting available to the Cooperative, the Manager shall evaluate the amount of each Non-Whiting Species that was the basis for pool closure caught by each vessel that has been declared ineligible to fish under

subsection 11.a.vi. If the amount of any such Non-Whiting Species harvested by any such vessel does not exceed two hundred percent (200%) of the amount of such Non-Whiting Species initially allocated to such pool on the basis of the Pacific whiting tonnage assigned to such seasonal pool for harvesting by that vessel, as reduced by Non-Whiting Species amounts associated with Pacific whiting that was subsequently transferred to other pool vessels for harvesting, and as increased by the Non-Whiting Species amounts associated with Pacific whiting subsequently transferred to and harvested by that vessel, then, subject to the vessel continuing to meet the cumulative Non-Whiting Species catch limit set forth below, that vessel shall be eligible to harvest Pacific whiting transferred from a closed pool to a subsequent pool, and shall be eligible to harvest Pacific whiting Harvest Share apportioned to a subsequent seasonal pool in addition to that assigned to such vessel at the time of initial Member election pursuant to Section 11(a)(iii). Notwithstanding the foregoing, if at any time the cumulative amount of any Non-Whiting Species subsequently harvested by a vessel fishing under this subsection is such that the quotient of Non-Whiting Species harvested by the vessel, divided by Pacific whiting harvested by the vessel exceeds the quotient of the remaining amount of such Non-Whiting Species divided by the Cooperative's remaining un-harvested Pacific whiting as of the time that the Manager determined that the Cooperative's Non-Whiting Species quotients met the 150% test applied under this subsection, such vessel shall cease to be eligible to continue fishing under this exemption, and shall stop fishing unless there is Non-Whiting Species catch available in sufficient amount to support its fishing activity, as determined by the Cooperative's Board of Directors in its sole discretion.

vii. Any Non-Whiting Species set-asides or allocations that are not used before a seasonal pool subsequent to the seasonal pool to which they are apportioned opens shall be available for harvest by vessels participating in subsequent seasonal pools on a species by species basis, when the respective Non-Whiting Species set-aside or allocation originally made to such subsequent seasonal pool is exhausted. In the event that a Member's Pacific whiting Harvest Share tonnage is not fully harvested during a seasonal pool to which it was allocated, such Member may harvest its remaining Harvest Share or have its remaining Harvest Share harvested during the subsequent seasonal pool on the condition that the vessel(s) harvesting such Member's Harvest Share during the prior seasonal period are eligible to harvest in the subsequent pool under subsection 11.a.vi or 11.a.vi.A, above.

viii. For purposes of Sections 11(a)vi and 11(a)vii, above, "subsequent seasonal pool" shall mean the next seasonal pool in calendar order that has quota assigned to it and is open for harvest. If none of the remaining seasonal pools satisfy both of those criteria, then the "subsequent

seasonal pool” shall be the first seasonal pool, if it does so, and the next pool following the first seasonal pool that does so, if the first seasonal pool does not.

ix. If the Cooperative’s initial allocation of a Non-Whiting Species is exhausted, notwithstanding the provisions of Sections 11.a.vi. through 11.a.vii., above, all seasonal pools shall close, regardless of whether their allocations of such Non-Whiting Species have been attained. If subsequent to such closure the Cooperative receives an additional allocation of such Non-Whiting Species, the Cooperative Board of Directors may re-open one or more seasonal pools, allocate some or all remaining and supplemental Non-Whiting Species allocations to it or among them as it determines appropriate in its sole discretion, and establish criteria concerning the Vessels eligible to harvest from such pool(s) as it determines appropriate in its sole discretion, the provisions of Sections 11.a.vi through 11.a.vii, notwithstanding.

b. Fishing. For purposes of this Agreement, “fishing” shall mean all activity of a vessel between the time of initial gear deployment and final gear retrieval. For purposes of this Section 11, “gear deployment” and “gear retrieval” shall have the meanings given them in 50 C.F.R. 679.2 or its successor, as the same may be amended from time to time. Initial gear deployment shall mean setting trawl gear with an empty codend, and final gear retrieval shall mean retrieving trawl gear to either pull a codend aboard the vessel or to deliver the codend to another vessel. Notwithstanding the definitions of fishing, gear deployment and gear retrieval set forth in this Section, each Member shall have an independent obligation to comply with all applicable regulations covering such activities, as they are defined in such regulations.”