

Report of  
the Akutan  
Catcher  
Vessel  
Association

2016

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**Presented to the  
North Pacific Fishery Management Council  
March 29, 2017**

# **Table of Contents**

## **1. Akutan Catcher Vessel Association (Pg. 3)**

- A. Cooperative Membership
- B. Coop Management
- C. In-Season Management

## **2. AFA Pollock (Pg. 5)**

- A. Cooperative Pollock Allocation
- B. Vessel Allocations and Harvest

## **3. BSAI Sideboards (Pg. 9)**

- A. BSAI Cod Sideboard Allocations
- B. Cod Sideboard Transfers
- C. Vessel Cod and PSC Harvest
- D. Total Harvest – All BSAI Sideboard Species

## **4. Bering Sea Salmon Bycatch Management (Pg. 16)**

## **5. Gulf of Alaska Sideboards (Pg. 19)**

- A. GOA Sideboard Allocations
- B. GOA Sideboard Harvest

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# 1. Akutan Catcher Vessel Association

## A. Cooperative Membership

Thirty four member vessels made up the Akutan Catcher Vessel Association (ACVA) for the year 2016. The table below shows the ACVA member vessels and their associated coop percentages. As in the past, coop percentages listed represent the vessels share of the coop pollock based on the relevant catch history of each member vessel. In addition to using these percentages for pollock distribution, the coop percentages were also used for the purpose of allocating coop costs down to the vessel level. The Trident Seafoods plant in Akutan, Alaska served as the primary purchasing and processing facility for the ACVA in 2016.

| Vessel             | 2016<br>Coop %   |
|--------------------|------------------|
| ALDEBARAN          | 4.5443%          |
| ARCTIC EXPLORER    | 5.7171%          |
| ARCTIC RAM         | 1.1923%          |
| ARCTURUS           | 4.7887%          |
| BRISTOL EXPLORER   | 5.4574%          |
| CAPE KIWANDA       | 1.6339%          |
| COLUMBIA           | 4.4725%          |
| DOMINATOR          | 5.4257%          |
| EXCALIBUR II       | 1.6117%          |
| GLADIATOR          | 5.0865%          |
| GOLDEN DAWN        | 5.4341%          |
| GOLDEN PISCES      | 0.8388%          |
| LISA MELINDA       | 0.6793%          |
| MAJESTY            | 3.0866%          |
| MARCY J            | 0.5577%          |
| MARGARET LYN       | 0.1058%          |
| MARK I             | 0.1399%          |
| NORTHERN PATRIOT   | 7.4747%          |
| NORTHERN RAM       | 0.9733%          |
| NORTHWEST EXPLORER | 4.9759%          |
| OCEAN EXPLORER     | 4.9447%          |
| PACIFIC EXPLORER   | 4.6815%          |
| PACIFIC RAM        | 0.6307%          |
| PACIFIC VIKING     | 3.3814%          |
| PEGASUS            | 2.1542%          |
| PEGGY JO           | 1.0304%          |
| PERSEVERANCE       | 0.9156%          |
| PREDATOR           | 0.6100%          |
| RAVEN              | 2.2057%          |
| ROYAL AMERICAN     | 3.0061%          |
| SEEKER             | 1.1452%          |
| SOVEREIGNTY        | 7.2879%          |
| TRAVELER           | 0.1280%          |
| VIKING EXPLORER    | 3.6825%          |
| <b>TOTAL</b>       | <b>100.0000%</b> |

## **B. Cooperative Management**

The Akutan Catcher Vessel Association is governed by a Board of Directors as well as through active participation by the owners and operators of the member vessels. The Akutan Catcher Vessel Association remains very active in the Inter-coop process and is bound contractually to the Inter-coop through the Inter-Coop Agreement. Inter-coop issues and fishery management decisions are brought to the coop level in the form of preferred alternatives. The preferred alternatives are a result of discussions and negotiations with the other coops resulting in unanimous decisions by all coop representatives. All preferred alternatives are discussed and voted on at the coop level prior to being supported at the inter-coop level.

## **C. In-Season Management**

The day to day management of the coop is the responsibility of the coop manager. The coop manager is responsible for all communications with the fleet regarding coop and inter-coop issues as well as providing all coop information back to the vessel owners and managers. The coop manager also schedules all meetings, budgets and manages coop costs and attends all inter-coop meetings.

In addition to the above duties, the coop Manager is also responsible for all pollock and sideboard distribution as well as the in-season management of all pollock, sideboard fisheries and PSC. Prior to individual season openings, it is requested that the coop members advise the coop manager of their fishing plans. This is not a formal process but it provides the coop manager adequate information as to which vessels will participate in which fisheries prior to the fisheries commencing. During this process, member vessels are informed of allocations or sideboard restrictions and any other pertinent information that needs to be conveyed. As the fisheries proceed, landing data is obtained by the coop manager from the plant that received the catch and landing totals are tabulated and compared against allocations or sideboards in the pertinent area. Vessels keep updated on their allocation progress via direct communication with the coop manager. An update is also sent to the processor and the vessel owners on a regular basis. This process ensures that no allocation or sideboard limits are exceeded.

It is also the responsibility of the coop manager to complete all coop reporting requirements as outlined by the government. This includes the submission and reconciliation of all weekly reports and the compilation and completion of the annual report to the Council.

Transfers of allocation are used within and between coops to allow for efficient use of allocations. The coop manager is responsible for tracking all transfers and preparing any necessary paperwork to facilitate the transfers. All completed transfers are then reported to the coop via changes to the allocation spreadsheets that are distributed regularly. In many cases the manager aids in the transfer process by identifying remaining allocations or fishing situations in which a transfer might be beneficial for a fishing plan or salmon avoidance as requested by coop members.

All landings data, including prohibited species catches, are also gathered by Sea State, Inc. Since the inception of AFA coops, Sea State has been hired to act as a third party to aid in our fishery management. Harvest and bycatch data is obtained by Sea State via the NMFS eLandings program which is used at the plants, or via observer reports which are acquired through the observer program office in Seattle. This data allows Sea State to aid the coop manager with in-season management as needed. This service is used primarily to monitor the harvest of prohibited species and to facilitate the various bycatch programs put in place by the inter-coop group. All data gathered by Sea State is available to the coop manager via a password protected website. Data on the website is available in aggregate or by individual vessel deliveries. Coop members can also log on to view this information on an inquiry only basis.

## **2. Akutan Catcher Vessel Association AFA Pollock**

### **A. Cooperative Pollock Allocation**

Based on the NMFS verified catch histories of its member vessels, the Akutan Catcher Vessel Association was allocated **32.263%** of the pollock available for directed fishing by the Bering Sea onshore sector. This resulted in a 2016 Bering Sea pollock allocation of **188,860 MT**. This total allocation was distributed to member vessels based on their corresponding coop percentage. Per the coop agreement, 40% of their annual allocation was distributed in the “A” season and the balance in the “B” season.

### **B. Vessel Allocations and Harvest**

Table 1 shows initial pollock allocations to the ACVA member vessels as well as the total harvest of pollock by member vessels. Table 2 shows the pollock harvest along with non-groundfish and PSC catch.

#### **TABLE 1:**

As indicated on this table in the bottom right hand corner, **149 MT** of pollock was left unharvested in this coop for 2016.

As evident by looking the each vessel’s harvest compared to their allocations, many intra-coop transfers were made. Some of this is a result of vessels stacking their allocations to further rationalize the fishery. Many of these transfers were a direct result of specific operational plans during the “B” season fishery. For example, there are several vessels that don’t harvest their B season pollock because of their participation in other fisheries. They would harvest both their A and B season pollock allocation during the A season.

As you can see at the bottom of Table 1 three boats from outside the coop were contracted under Amendment 69 to deliver fish on behalf of the ACVA. All of this fish was delivered to the Trident Plant in Akutan.

No member vessels in this coop exceeded their annual allocation of BS pollock without approval of the coop manager. Small overages do occur but were easily offset by the vessels that left small amounts unharvested.

#### **TABLES 2 and 3:**

Show the total pollock catch and the associated PSC bycatch as well as sideboard bycatch in the directed pollock fishery.

**TABLE 1****AKUTAN CATCHER VESSEL ASSOCIATION****2016 POLLOCK ALLOCATIONS AND HARVEST BY VESSEL****2016 Total Pollock Allocation:****188,860**

| <b>Vessel</b>      | <b>2016<br/>Coop %</b> | <b>2016<br/>Allocation (MT)</b> | <b>Vessel<br/>Harvest (MT)</b> | <b>(Over)/Under<br/>Allocation (MT)</b> |
|--------------------|------------------------|---------------------------------|--------------------------------|-----------------------------------------|
| ALDEBARAN          | 4.5443%                | 8,582                           | 8,735                          | (153)                                   |
| ARCTIC EXPLORER    | 5.7171%                | 10,797                          | 10,366                         | 431                                     |
| ARCTIC RAM         | 1.1923%                | 2,252                           | 2,277                          | (26)                                    |
| ARCTURUS           | 4.7887%                | 9,044                           | 9,066                          | (22)                                    |
| BRISTOL EXPLORER   | 5.4574%                | 10,307                          | 12,988                         | (2,681)                                 |
| CAPE KIWANDA       | 1.6339%                | 3,086                           | 28                             | 3,058                                   |
| COLUMBIA           | 4.4725%                | 8,447                           | 8,464                          | (17)                                    |
| DOMINATOR          | 5.4257%                | 10,247                          | 10,424                         | (177)                                   |
| EXCALIBUR II       | 1.6117%                | 3,044                           | 3,134                          | (91)                                    |
| GLADIATOR          | 5.0865%                | 9,606                           | 9,455                          | 151                                     |
| GOLDEN DAWN        | 5.4341%                | 10,263                          | 10,428                         | (165)                                   |
| GOLDEN PISCES      | 0.8388%                | 1,584                           | 3,262                          | (1,678)                                 |
| LISA MELINDA       | 0.6793%                | 1,283                           | 1,294                          | (11)                                    |
| MAJESTY            | 3.0866%                | 5,829                           | 3,432                          | 2,397                                   |
| MARCY J            | 0.5577%                | 1,053                           | 1,189                          | (136)                                   |
| MARGARET LYN       | 0.1058%                | 200                             | 693                            | (493)                                   |
| MARK I             | 0.1399%                | 264                             | -                              | 264                                     |
| NORTHERN PATRIOT   | 7.4747%                | 14,117                          | 14,130                         | (14)                                    |
| NORTHERN RAM       | 0.9733%                | 1,838                           | -                              | 1,838                                   |
| NORTHWEST EXPLORER | 4.9759%                | 9,397                           | 3,770                          | 5,628                                   |
| OCEAN EXPLORER     | 4.9447%                | 9,339                           | 9,592                          | (253)                                   |
| PACIFIC EXPLORER   | 4.6815%                | 8,842                           | 8,599                          | 243                                     |
| PACIFIC RAM        | 0.6307%                | 1,191                           | 1,194                          | (3)                                     |
| PACIFIC VIKING     | 3.3814%                | 6,386                           | 6,542                          | (156)                                   |
| PEGASUS            | 2.1542%                | 4,068                           | 2,020                          | 2,048                                   |
| PEGGY JO           | 1.0304%                | 1,946                           | 645                            | 1,301                                   |
| PERSEVERANCE       | 0.9156%                | 1,729                           | 763                            | 966                                     |
| PREDATOR           | 0.6100%                | 1,152                           | 1,013                          | 139                                     |
| RAVEN              | 2.2057%                | 4,166                           | 2,300                          | 1,866                                   |
| ROYAL AMERICAN     | 3.0061%                | 5,677                           | 7,139                          | (1,462)                                 |
| SEEKER             | 1.1452%                | 2,163                           | 5,076                          | (2,913)                                 |
| SOVEREIGNTY        | 7.2879%                | 13,764                          | 14,251                         | (487)                                   |
| TRAVELER           | 0.1280%                | 242                             | 3,849                          | (3,608)                                 |
| VIKING EXPLORER    | 3.6825%                | 6,955                           | 7,995                          | (1,040)                                 |
| ARCTIC WIND (AM69) | 0.0000%                | -                               | 2,744                          | (2,744)                                 |
| SEADAWN (AM69)     | 0.0000%                | -                               | 1,853                          | (1,853)                                 |
| <b>Totals</b>      | <b>100.00%</b>         | <b>188,860</b>                  | <b>188,711</b>                 | <b>149</b>                              |

**TABLE 2****AKUTAN CATCHER VESSEL ASSOCIATION****2016 ACTUAL CATCH AND PSC BYCATCH IN DIRECTED POLLOCK FISHERY**

| <b>Vessel</b>              | <b>Pollock<br/>Harvest (MT)</b> | <b>Non-Target<br/>Groundfish (MT)</b> | <b>Halibut<br/>Mort. (MT)</b> | <b>Red King<br/>Crab (N)</b> | <b>Bairdi (N)</b> | <b>Other<br/>Tanner (N)</b> | <b>Chinook<br/>(N)</b> | <b>Other<br/>Salmon (N)</b> | <b>Herring<br/>(MT)</b> |
|----------------------------|---------------------------------|---------------------------------------|-------------------------------|------------------------------|-------------------|-----------------------------|------------------------|-----------------------------|-------------------------|
| ALDEBARAN                  | 8,735                           | 60                                    | 0.01                          | 0                            | 0                 | 0                           | 189                    | 1,546                       | 7.31                    |
| ARCTIC EXPLORER            | 10,366                          | 113                                   | 2.39                          | 0                            | 0                 | 0                           | 155                    | 640                         | 42.56                   |
| ARCTIC RAM                 | 2,277                           | 9                                     | 0.00                          | 0                            | 0                 | 0                           | 3                      | 296                         | 0.87                    |
| ARCTURUS                   | 9,066                           | 100                                   | 0.00                          | 0                            | 0                 | 0                           | 259                    | 1,303                       | 13.25                   |
| BRISTOL EXPLORER           | 12,988                          | 184                                   | 0.15                          | 0                            | 0                 | 0                           | 187                    | 481                         | 7.36                    |
| CAPE KIWANDA               | 28                              | 0                                     | 0.00                          | 0                            | 0                 | 0                           | 0                      | 0                           | 0                       |
| COLUMBIA                   | 8,464                           | 72                                    | 0.05                          | 0                            | 0                 | 0                           | 163                    | 993                         | 3.15                    |
| DOMINATOR                  | 10,424                          | 109                                   | 0.00                          | 0                            | 0                 | 0                           | 416                    | 2,190                       | 7.53                    |
| EXCALIBUR II               | 3,134                           | 10                                    | 0.01                          | 0                            | 0                 | 0                           | 44                     | 502                         | 1.78                    |
| GLADIATOR                  | 9,455                           | 74                                    | 0.04                          | 0                            | 0                 | 0                           | 184                    | 2,052                       | 1.54                    |
| GOLDEN DAWN                | 10,428                          | 127                                   | 2.33                          | 0                            | 0                 | 0                           | 166                    | 469                         | 2.95                    |
| GOLDEN PISCES              | 3,262                           | 12                                    | 0.00                          | 0                            | 0                 | 0                           | 34                     | 277                         | 0.82                    |
| LISA MELINDA               | 1,294                           | 6                                     | 0.00                          | 0                            | 0                 | 0                           | 35                     | 3                           | 0                       |
| MAJESTY                    | 3,432                           | 10                                    | 0.01                          | 0                            | 0                 | 0                           | 14                     | 1,806                       | 1.45                    |
| MARCY J                    | 1,189                           | 3                                     | 0.00                          | 0                            | 0                 | 0                           | 3                      | 267                         | 0.28                    |
| MARGARET LYN               | 693                             | 9                                     | 0.00                          | 0                            | 0                 | 0                           | 12                     | 3                           | 0                       |
| NORTHERN PATRIOT           | 14,130                          | 169                                   | 4.56                          | 0                            | 0                 | 0                           | 329                    | 661                         | 23.31                   |
| NORTHWEST EXPLORER         | 3,770                           | 33                                    | 0.02                          | 0                            | 0                 | 0                           | 114                    | 47                          | 0.51                    |
| OCEAN EXPLORER             | 9,592                           | 57                                    | 0.03                          | 0                            | 0                 | 0                           | 114                    | 864                         | 8.79                    |
| PACIFIC EXPLORER           | 8,599                           | 54                                    | 0.34                          | 0                            | 0                 | 0                           | 165                    | 2,119                       | 6.89                    |
| PACIFIC RAM                | 1,194                           | 10                                    | 0.01                          | 0                            | 0                 | 0                           | 20                     | 2                           | 0.07                    |
| PACIFIC VIKING             | 6,542                           | 45                                    | 0.03                          | 0                            | 0                 | 0                           | 172                    | 1,100                       | 1.89                    |
| PEGASUS                    | 2,020                           | 14                                    | 0.00                          | 0                            | 0                 | 0                           | 47                     | 2                           | 0                       |
| PEGGY JO                   | 645                             | 11                                    | 0.00                          | 0                            | 0                 | 0                           | 30                     | 212                         | 0                       |
| PERSEVERANCE               | 763                             | 6                                     | 0.00                          | 0                            | 0                 | 0                           | 27                     | 4                           | 0                       |
| PREDATOR                   | 1,013                           | 6                                     | 0.00                          | 0                            | 0                 | 0                           | 17                     | 4                           | 0                       |
| RAVEN                      | 2,300                           | 16                                    | 0.01                          | 0                            | 0                 | 0                           | 65                     | 2                           | 0.38                    |
| ROYAL AMERICAN             | 7,139                           | 27                                    | 0.03                          | 0                            | 0                 | 0                           | 78                     | 1,020                       | 1.09                    |
| SEEKER                     | 5,076                           | 19                                    | 0.00                          | 0                            | 0                 | 0                           | 76                     | 1,131                       | 0.17                    |
| SOVEREIGNTY                | 14,251                          | 188                                   | 0.59                          | 0                            | 0                 | 0                           | 337                    | 1,854                       | 28.42                   |
| TRAVELER                   | 3,849                           | 11                                    | 0.01                          | 0                            | 0                 | 0                           | 43                     | 376                         | 0.09                    |
| VIKING EXPLORER            | 7,995                           | 76                                    | 0.01                          | 0                            | 0                 | 0                           | 207                    | 742                         | 0.96                    |
| ARCTIC WIND (AM69)         | 2,744                           | 26                                    | 0.01                          | 0                            | 0                 | 0                           | 120                    | 555                         | 0                       |
| SEADAWN (AM69)             | 1,853                           | 9                                     | 0.11                          | 0                            | 0                 | 0                           | 14                     | 455                         | 3.88                    |
| <b>TOTALS</b>              | <b>188,711</b>                  | <b>1,672</b>                          | <b>10.75</b>                  | <b>0</b>                     | <b>1</b>          | <b>0</b>                    | <b>3,839</b>           | <b>23,978</b>               | <b>167.29</b>           |
| <b>TOTAL ALLOCATION</b>    | <b>188,860</b>                  |                                       |                               |                              |                   |                             |                        |                             |                         |
| <b>REMAINING ALLOCATON</b> | <b>149</b>                      |                                       |                               |                              |                   |                             |                        |                             |                         |

TABLE 3

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 ACTUAL CATCH AND SIDEBOARD BYCATCH IN THE DIRECTED POLLOCK FISHERY

| Vessel               | Pollock Harvest<br>(MT) | Non-Target<br>Groundfish<br>(MT) | Pacific Cod<br>(MT) | Sablefish<br>(MT) | Atka Mackerel<br>(MT) | Yellowfin Sole<br>(MT) | Rock Sole<br>(MT) |
|----------------------|-------------------------|----------------------------------|---------------------|-------------------|-----------------------|------------------------|-------------------|
| ALDEBARAN            | 8,735                   | 60.21                            | 36.22               | 0.02              | 0.14                  | 0.04                   | 2.32              |
| ARCTIC EXPLORER      | 10,366                  | 112.82                           | 54.67               | 0.07              | 0.19                  | 0.03                   | 2.37              |
| ARCTIC RAM           | 2,277                   | 8.91                             | 6.39                | 0.00              | 0.08                  | 0.00                   | 0.00              |
| ARCTURUS             | 9,066                   | 100.15                           | 40.99               | 0.05              | 0.06                  | 0.52                   | 5.00              |
| BRISTOL EXPLORER     | 12,988                  | 183.69                           | 58.24               | 1.66              | 0.14                  | 2.18                   | 22.24             |
| CAPE KIWANDA         | 28                      | 0.00                             | 0.00                | 0.00              | 0.00                  | 0.00                   | 0.00              |
| COLUMBIA             | 8,464                   | 71.63                            | 35.89               | 0.03              | 0.07                  | 0.06                   | 4.26              |
| DOMINATOR            | 10,424                  | 108.87                           | 67.14               | 0.30              | 0.21                  | 0.08                   | 2.68              |
| EXCALIBUR II         | 3,134                   | 9.59                             | 8.64                | 0.00              | 0.01                  | 0.00                   | 0.03              |
| GLADIATOR            | 9,455                   | 73.81                            | 46.58               | 0.26              | 0.12                  | 0.02                   | 0.57              |
| GOLDEN DAWN          | 10,428                  | 127.19                           | 66.27               | 0.26              | 0.08                  | 0.05                   | 0.88              |
| GOLDEN PISCES        | 3,262                   | 12.07                            | 6.92                | 0.05              | 0.07                  | 0.00                   | 0.01              |
| LISA MELINDA         | 1,294                   | 6.03                             | 5.85                | 0.00              | 0.00                  | 0.00                   | 0.01              |
| MAJESTY              | 3,432                   | 9.65                             | 5.80                | 0.00              | 0.03                  | 0.01                   | 0.00              |
| MARCY J              | 1,189                   | 2.71                             | 2.50                | 0.01              | 0.03                  | 0.00                   | 0.00              |
| MARGARET LYN         | 693                     | 8.53                             | 7.48                | 0.00              | 0.00                  | 0.00                   | 0.31              |
| NORTHERN PATRIOT     | 14,130                  | 169.20                           | 72.85               | 0.14              | 0.18                  | 0.13                   | 9.19              |
| NORTHWEST EXPLORER   | 3,770                   | 32.80                            | 26.43               | 0.03              | 0.00                  | 0.00                   | 0.35              |
| OCEAN EXPLORER       | 9,592                   | 56.53                            | 44.39               | 0.00              | 0.02                  | 0.01                   | 1.51              |
| PACIFIC EXPLORER     | 8,599                   | 53.85                            | 43.52               | 0.01              | 0.02                  | 0.05                   | 1.52              |
| PACIFIC RAM          | 1,194                   | 9.72                             | 9.62                | 0.00              | 0.00                  | 0.00                   | 0.01              |
| PACIFIC VIKING       | 6,542                   | 44.56                            | 27.08               | 0.00              | 0.20                  | 0.01                   | 1.50              |
| PEGASUS              | 2,020                   | 13.93                            | 13.60               | 0.00              | 0.00                  | 0.00                   | 0.01              |
| PEGGY JO             | 645                     | 10.67                            | 2.59                | 0.00              | 0.01                  | 0.00                   | 0.00              |
| PERSERVERANCE        | 763                     | 6.32                             | 6.26                | 0.00              | 0.00                  | 0.00                   | 0.00              |
| PREDATOR             | 1,013                   | 5.96                             | 5.75                | 0.00              | 0.00                  | 0.00                   | 0.01              |
| RAVEN                | 2,300                   | 16.21                            | 15.46               | 0.00              | 0.00                  | 0.00                   | 0.03              |
| ROYAL AMERICAN       | 7,139                   | 27.11                            | 23.17               | 0.00              | 0.02                  | 0.01                   | 0.53              |
| SEEKER               | 5,076                   | 18.58                            | 12.32               | 0.01              | 0.03                  | 0.00                   | 0.02              |
| SOVEREIGNTY          | 14,251                  | 188.25                           | 101.99              | 0.40              | 1.63                  | 0.15                   | 6.49              |
| TRAVELER             | 3,849                   | 11.14                            | 9.79                | 0.01              | 0.01                  | 0.01                   | 0.44              |
| VIKING EXPLORER      | 7,995                   | 76.46                            | 36.41               | 0.01              | 0.08                  | 0.51                   | 6.43              |
| ARCTIC WIND (AM69)   | 2,744                   | 25.96                            | 14.76               | 0.00              | 0.04                  | 0.00                   | 0.53              |
| SEADAWN (AM69)       | 1,853                   | 8.94                             | 4.99                | 0.00              | 0.00                  | 0.06                   | 0.90              |
| TOTALS               | 188,711                 | 1,672.05                         | 920.58              | 3.32              | 3.50                  | 3.99                   | 70.15             |
| TOTAL ALLOCATION     | 188,860                 |                                  |                     |                   |                       |                        |                   |
| REMAINING ALLOCATION | 149                     |                                  |                     |                   |                       |                        |                   |

### 3. BSAI Sideboards

#### A. BSAI Cod Sideboard Allocations

BSAI sideboard allocations were established for each AFA Coop for pacific cod, yellowfin sole and rock sole. No vessels from the Akutan Catcher Vessel Association participated in the Bering Sea yellowfin sole or rock sole fishery in 2016. Coop sideboard allocations for Bering Sea flatfish have not been distributed to individual vessels in the coop.

Based on the Sea State verified catch history of its member vessels, the ACVA was allocated 29.89% of the Bering Sea cod sideboards available to the AFA non-exempt fleet. This resulted in a total 2016 pacific cod sideboard total of 12,250 MT to the Akutan non-exempt fleet. Seven member vessels in the ACVA were Bering Sea exempt cod boats in 2016.

#### B. Cod Sideboard Transfers

The middle column of Table 4 shows the cod transfers that were made for 2016 for the Akutan Catcher Vessel Association. There were 3 cod sideboard transfers out of the Akutan coop in 2016.

#### C. Vessel Cod and PSC Harvest

Table 4 shows the cod coop percentage for each of the non-exempt member vessels and their associated sideboard totals and harvest amounts for 2016. The bottom of the table also shows the Bering Sea cod exempt vessels and their associated cod landings for 2016. Table 5 shows the total cod sideboard harvest as well as the non-target groundfish and PSC harvest for both the exempt and non-exempt member vessels.

#### TABLE 4:

A total of 2,422 MT of non-exempt cod was left unharvested during 2016. As stated above, the total non-exempt sideboard allocation for 2016 was 12,250 MT, of which 78% was harvested. Most of the cod harvest took place in the winter and spring during the January through April time frame. Only 1 member vessel participated in the cod fishery during the second half of the year.

As you can see by looking at each vessel's sideboard totals and harvest amounts, some intra-coop transfers were made. These transfers were the result of vessels stacking sideboards in order to allow vessels to finish pollock and others to harvest cod in the spring. All vessels that harvested amounts in excess of their own sideboard total did so under the direction of the coop manager.

A summary of the ACVA exempt vessel cod sideboard harvest can be seen at the bottom of Table 4.

#### TABLE 5:

PSC caps were established for halibut, zone 1 red king crab as well as zone 1 bairdi and other tanner. As the harvest data shows, PSC bycatch was once again low in 2016. A total of 46 MT, or 48.7%, of the coop's non-exempt halibut mortality was used to harvest the non-exempt vessel's cod. The PSC catch for the exempt cod fleet is also seen in Table 5.

TABLE 4

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 BERING SEA PACIFIC COD SIDEBOARD ALLOCATIONS AND HARVEST

| Vessel             | Coop<br>Cod | 2016 Cod Sideboard<br>Allocation (MT) | Inter Coop<br>Transfers (MT) | Total Sideboard<br>with Transfers | Vessel<br>Harvest (MT) | (Over)/Under<br>Allocation (MT) |
|--------------------|-------------|---------------------------------------|------------------------------|-----------------------------------|------------------------|---------------------------------|
| Aldebaran          | 5.351%      | 655.52                                | 0.00                         | 655.52                            |                        | 655.52                          |
| Arctic Explorer    | 5.252%      | 643.43                                | -150.00                      | 493.43                            |                        | 493.43                          |
| Arcturus           | 4.671%      | 572.14                                | 0.00                         | 572.14                            |                        | 572.14                          |
| Cape Kiwanda       | 5.181%      | 634.62                                | 0.00                         | 634.62                            | 829.03                 | -194.41                         |
| Columbia           | 5.615%      | 687.82                                | -453.60                      | 234.22                            |                        | 234.22                          |
| Dominator          | 4.883%      | 598.20                                | 0.00                         | 598.20                            | 519.81                 | 78.39                           |
| Sovereignty        | 1.599%      | 195.93                                | 0.00                         | 195.93                            |                        | 195.93                          |
| Northern Patriot   | 0.774%      | 94.84                                 | 0.00                         | 94.84                             |                        | 94.84                           |
| Excalibur II       | 1.645%      | 201.50                                | 0.00                         | 201.50                            |                        | 201.50                          |
| Gladiator          | 4.330%      | 530.46                                | 0.00                         | 530.46                            | 758.75                 | -228.29                         |
| Golden Dawn        | 4.602%      | 563.81                                | 0.00                         | 563.81                            | 522.87                 | 40.94                           |
| Arctic Ram         | 1.148%      | 140.69                                | 0.00                         | 140.69                            |                        | 140.69                          |
| Lisa Melinda       | 0.451%      | 55.23                                 | 0.00                         | 55.23                             |                        | 55.23                           |
| Majesty            | 5.955%      | 729.51                                | 0.00                         | 729.51                            | 1308.82                | -579.31                         |
| Northwest Explorer | 4.526%      | 554.47                                | 0.00                         | 554.47                            | 1097.68                | -543.21                         |
| Pacific Ram        | 1.489%      | 182.38                                | 0.00                         | 182.38                            |                        | 182.38                          |
| Pacific Viking     | 6.015%      | 736.80                                | 0.00                         | 736.80                            | 456.58                 | 280.22                          |
| Pegasus            | 5.326%      | 652.39                                | 0.00                         | 652.39                            | 602.76                 | 49.63                           |
| Raven              | 4.084%      | 500.23                                | 0.00                         | 500.23                            | 563.67                 | -63.44                          |
| Royal American     | 6.134%      | 751.39                                | 0.00                         | 751.39                            | 668.47                 | 82.92                           |
| Viking Explorer    | 5.019%      | 614.87                                | 0.00                         | 614.87                            |                        | 614.87                          |
| Bristol Explorer   | 5.316%      | 651.25                                | -500.00                      | 151.25                            |                        | 151.25                          |
| Ocean Explorer     | 5.316%      | 651.26                                | 0.00                         | 651.26                            | 627.38                 | 23.88                           |
| Pacific Explorer   | 5.316%      | 651.26                                | 0.00                         | 651.26                            | 768.11                 | -116.85                         |
| Totals             | 100.000%    | 12,250.00                             | -1,103.60                    | 11,146.40                         | 8,723.93               | 2,422.47                        |

| Exempt Vessels | 2016 Cod<br>Harvest |
|----------------|---------------------|
| Northern Ram   | 947.82              |
| Golden Pisces  | 1,421.71            |
| Marcy J        |                     |
| Peggy Jo       | 967.81              |
| Perseverance   | 998.16              |
| Predator       | 1,611.03            |
| Seeker         | 1,761.68            |
| Total (MT)     | 7,708.20            |

TABLE 5

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 BERING SEA PACIFIC COD SIDEBOARD DIRECTED HARVEST AND PSC BYCATCH

| Non - Exempt Vessels | Pacific Cod Harvest (MT) | Total GF | Non - Target Groundfish (MT) | Halibut Mortality (MT) | Red King Crab (N) | Bairdi (N) | Other Tanner (N) | Chinook (N) | Other Salmon (N) | Herring (MT) |
|----------------------|--------------------------|----------|------------------------------|------------------------|-------------------|------------|------------------|-------------|------------------|--------------|
| Aldebaran            |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Arctic Explorer      |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Arcturus             |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Cape Kiwanda         | 829.0                    | 877.9    | 48.8                         | 6.5                    | 0                 | 244        | 0                | 28          | 16               | 0            |
| Columbia             |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Dominator            | 519.8                    | 546.7    | 26.9                         | 2.6                    | 0                 | 267        | 0                | 0           | 0                | 0            |
| Sovereignty          |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Northern Patriot     |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Excalubur II         |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Exodus               |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Gladiator            | 758.8                    | 801.7    | 42.9                         | 11.7                   | 0                 | 396        | 0                | 0           | 0                | 0            |
| Golden Dawn          | 522.9                    | 550.4    | 27.5                         | 4.0                    | 0                 | 46         | 0                | 0           | 0                | 0            |
| Arctic Ram           |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Lisa Melinda         |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Majesty              | 1308.8                   | 1376.9   | 68.1                         | 7.4                    | 0                 | 477        | 0                | 155         | 0                | 0            |
| Northwest Explorer   | 1097.7                   | 1116.8   | 19.1                         | 0.7                    | 0                 | 0          | 0                | 66          | 8                | 0            |
| Pacific Ram          |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Pacific Viking       | 456.6                    | 481.1    | 24.5                         | 2.8                    | 0                 | 0          | 0                | 0           | 0                | 0            |
| Pegasus              | 602.8                    | 635.8    | 33.0                         | 3.0                    | 0                 | 212        | 0                | 1           | 0                | 0            |
| Raven                | 563.7                    | 581.3    | 17.7                         | 0.6                    | 0                 | 0          | 0                | 0           | 0                | 0            |
| Royal American       | 668.5                    | 695.2    | 26.7                         | 5.3                    | 0                 | 0          | 0                | 0           | 0                | 0            |
| Viking Explorer      |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Bristol Explorer     |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Ocean Explorer       | 627.4                    | 643.3    | 15.95                        | 0.3                    |                   | 0          | 0                | 77          | 0                | 0            |
| Pacific Explorer     | 768.11                   | 783.8    | 15.64                        | 0.8                    |                   | 0          | 0                | 240         | 0                | 0            |
| TOTAL ALLOCATION     | 12,250                   |          |                              | 94.3                   | 713               | 12,261     | 13,101           |             |                  |              |
| TOTALS               | 8,723.9                  | 9,090.8  | 366.8                        | 45.6                   | 0                 | 1,641      | 0                | 567         | 24               | 0            |

| Exempt Vessels | Pacific Cod Harvest (MT) | Total GF | Non - Target Groundfish (MT) | Halibut Mortality (MT) | Red King Crab (N) | Bairdi (N) | Other Tanner (N) | Chinook (N) | Other Salmon (N) | Herring (MT) |
|----------------|--------------------------|----------|------------------------------|------------------------|-------------------|------------|------------------|-------------|------------------|--------------|
| Golden Pisces  | 1,421.7                  | 1,478.9  | 57.1                         | 7.98                   | 0                 | 192        | 0                | 10          | 7                | 0            |
| Marcy J        |                          |          |                              |                        |                   |            |                  |             |                  |              |
| Northern Ram   | 947.8                    | 985.7    | 37.9                         | 6.31                   | 0                 | 151        | 0                | 9           | 0                | 0            |
| Peggy Jo       | 967.8                    | 997.7    | 29.8                         | 6.77                   | 0                 | 330        | 0                | 0           | 1                | 0            |
| Perseverance   | 998.2                    | 1,037.3  | 39.1                         | 7.29                   | 0                 | 322        | 0                | 1           | 0                | 0            |
| Predator       | 1,611.0                  | 1,673.9  | 62.9                         | 9.52                   | 0                 | 314        | 0                | 7           | 1                | 0            |
| Seeker         | 1,761.7                  | 1,836.8  | 75.1                         | 11.36                  | 0                 | 329        | 0                | 13          | 1                | 0            |

## D. Total BSAI Sideboard Harvest

2016 American Fisheries Act Catcher Vessel Sideboards have been established for most of the species or species groups in the BSAI. Coop sideboard allocations for the BSAI have only been established for pacific cod, yellowfin sole, and rock sole. Table 6 below summarizes the Akutan Catcher Vessel Association harvest of all BSAI sideboard species for 2016. These data include the directed fishing for pacific cod sideboards as well as the bycatch of all other species taken in both the pollock and cod directed fisheries in the BSAI.

TABLE 6

### AKUTAN CATCHER VESSEL ASSOCIATION

#### 2016 BSAI TOTAL SIDEBOARD HARVEST BY VESSEL

| Vessel             | P Cod (MT) |         |          | BS/541 Atka Mackerel (MT) |         |       | Yellowfin Sole (MT) |         |       | Rock Sole (MT) |         |       | Arrowtooth (MT) |         |       |
|--------------------|------------|---------|----------|---------------------------|---------|-------|---------------------|---------|-------|----------------|---------|-------|-----------------|---------|-------|
|                    | Landed     | Discard | Total    | Landed                    | Discard | Total | Landed              | Discard | Total | Landed         | Discard | Total | Landed          | Discard | Total |
| Aldebaran          | 36.18      | 0.03    | 36.22    | 0.14                      | 0.00    | 0.14  | 0.04                | 0.00    | 0.04  | 2.32           | 0.00    | 2.32  | 0.42            | 0.00    | 0.42  |
| Arctic Explorer    | 54.61      | 0.05    | 54.67    | 0.19                      | 0.00    | 0.19  | 0.03                | 0.00    | 0.03  | 2.37           | 0.00    | 2.37  | 0.93            | 0.00    | 0.93  |
| Arctic Ram         | 6.39       | 0.00    | 6.39     | 0.08                      | 0.00    | 0.08  | 0.00                | 0.00    | 0.00  | 0.00           | 0.00    | 0.00  | 0.05            | 0.00    | 0.05  |
| Arctic Wind (AM69) | 14.76      | 0.00    | 14.76    | 0.04                      | 0.00    | 0.04  | 0.00                | 0.00    | 0.00  | 0.53           | 0.00    | 0.53  | 0.03            | 0.00    | 0.03  |
| Arcturus           | 40.96      | 0.03    | 40.99    | 0.06                      | 0.00    | 0.06  | 0.52                | 0.00    | 0.52  | 4.99           | 0.00    | 5.00  | 0.75            | 0.00    | 0.75  |
| Bristol Explorer   | 58.20      | 0.04    | 58.24    | 0.14                      | 0.00    | 0.14  | 2.18                | 0.00    | 2.18  | 22.24          | 0.00    | 22.24 | 1.49            | 0.00    | 1.49  |
| Cape Kiwanda       | 824.22     | 0.40    | 824.62   | 0.00                      | 0.00    | 0.00  | 0.00                | 0.22    | 0.22  | 0.00           | 8.20    | 8.20  | 0.00            | 0.91    | 0.91  |
| Columbia           | 35.87      | 0.02    | 35.89    | 0.07                      | 0.00    | 0.07  | 0.06                | 0.00    | 0.06  | 4.26           | 0.00    | 4.26  | 1.14            | 0.00    | 1.14  |
| Dominator          | 586.79     | 0.16    | 586.95   | 0.21                      | 0.00    | 0.21  | 0.08                | 0.04    | 0.13  | 2.68           | 5.92    | 8.60  | 2.29            | 0.39    | 2.68  |
| Excalibur II       | 8.63       | 0.01    | 8.64     | 0.01                      | 0.00    | 0.01  | 0.00                | 0.00    | 0.00  | 0.03           | 0.00    | 0.03  | 0.07            | 0.00    | 0.07  |
| Gladiator          | 805.12     | 0.22    | 805.34   | 0.12                      | 0.00    | 0.12  | 0.02                | 0.08    | 0.10  | 0.57           | 9.77    | 10.34 | 2.25            | 0.60    | 2.85  |
| Golden Dawn        | 588.99     | 0.16    | 589.15   | 0.08                      | 0.00    | 0.08  | 0.05                | 0.04    | 0.08  | 0.88           | 5.00    | 5.88  | 4.03            | 0.39    | 4.43  |
| Golden Pisces      | 1,428.27   | 0.36    | 1,428.63 | 0.09                      | 0.00    | 0.09  | 0.00                | 0.17    | 0.17  | 0.01           | 10.00   | 10.00 | 0.10            | 3.72    | 3.82  |
| Lisa Melinda       | 5.83       | 0.02    | 5.85     | 0.00                      | 0.00    | 0.00  | 0.00                | 0.00    | 0.00  | 0.01           | 0.00    | 0.01  | 0.04            | 0.00    | 0.04  |
| Majesty            | 1,314.27   | 0.35    | 1,314.62 | 0.03                      | 0.00    | 0.03  | 0.01                | 0.14    | 0.15  | 17.72          | 11.28   | 28.99 | 0.47            | 0.93    | 1.40  |
| Marcy J            | 2.49       | 0.00    | 2.50     | 0.03                      | 0.00    | 0.03  | 0.00                | 0.00    | 0.00  | 0.00           | 0.00    | 0.00  | 0.08            | 0.00    | 0.08  |
| Margaret Lyn       | 7.48       | 0.00    | 7.48     | 0.00                      | 0.00    | 0.00  | 0.00                | 0.00    | 0.00  | 0.31           | 0.00    | 0.31  | 0.04            | 0.00    | 0.04  |
| Mark I             | 0.00       | 0.00    | 0.00     | 0.00                      | 0.00    | 0.00  | 0.00                | 0.00    | 0.00  | 0.00           | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Northern Patriot   | 72.78      | 0.07    | 72.85    | 0.18                      | 0.00    | 0.18  | 0.13                | 0.00    | 0.13  | 9.19           | 0.00    | 9.19  | 1.03            | 0.00    | 1.03  |
| Northern Ram       | 947.52     | 0.29    | 947.82   | 0.00                      | 0.00    | 0.00  | 0.00                | 0.13    | 0.13  | 2.58           | 7.19    | 9.77  | 0.01            | 0.77    | 0.78  |
| Northwest Explorer | 1,124.10   | 0.01    | 1,124.11 | 0.00                      | 0.00    | 0.00  | 0.00                | 0.00    | 0.00  | 5.01           | 0.00    | 5.01  | 0.79            | 0.00    | 0.79  |
| Ocean Explorer     | 671.72     | 0.05    | 671.77   | 0.09                      | 0.00    | 0.09  | 0.01                | 0.00    | 0.01  | 14.19          | 0.00    | 14.19 | 0.95            | 0.00    | 0.95  |
| Pacific Explorer   | 811.62     | 0.00    | 811.62   | 0.05                      | 0.00    | 0.05  | 0.05                | 0.00    | 0.05  | 15.10          | 0.00    | 15.10 | 1.90            | 0.00    | 1.90  |
| Pacific Ram        | 9.61       | 0.01    | 9.62     | 0.00                      | 0.00    | 0.00  | 0.00                | 0.00    | 0.00  | 0.00           | 0.00    | 0.01  | 0.01            | 0.00    | 0.01  |
| Pacific Viking     | 483.52     | 0.14    | 483.66   | 0.20                      | 0.00    | 0.20  | 0.01                | 0.04    | 0.05  | 1.50           | 5.38    | 6.88  | 0.61            | 0.35    | 0.97  |
| Pegasus            | 616.16     | 0.20    | 616.36   | 0.00                      | 0.00    | 0.00  | 0.00                | 0.06    | 0.06  | 0.01           | 7.35    | 7.37  | 0.16            | 0.48    | 0.64  |
| Peggy Jo           | 967.49     | 0.24    | 967.72   | 0.01                      | 0.00    | 0.01  | 0.00                | 0.10    | 0.10  | 0.00           | 5.32    | 5.32  | 0.02            | 0.89    | 0.91  |
| Perseverance       | 1,004.11   | 0.31    | 1,004.42 | 0.00                      | 0.00    | 0.00  | 0.00                | 0.12    | 0.12  | 0.00           | 10.04   | 10.04 | 0.02            | 1.09    | 1.12  |
| Predator           | 1,616.28   | 0.49    | 1,616.78 | 0.00                      | 0.00    | 0.00  | 0.00                | 0.19    | 0.19  | 0.01           | 17.00   | 17.01 | 0.01            | 1.56    | 1.57  |
| Raven              | 579.00     | 0.14    | 579.13   | 0.00                      | 0.00    | 0.00  | 0.00                | 0.02    | 0.02  | 0.03           | 4.00    | 4.03  | 0.03            | 0.46    | 0.48  |
| Royal American     | 691.41     | 0.23    | 691.64   | 0.02                      | 0.00    | 0.02  | 0.01                | 0.07    | 0.08  | 0.53           | 8.34    | 8.87  | 0.26            | 0.51    | 0.77  |
| Seadawn (AM69)     | 4.99       | 0.00    | 4.99     | 0.00                      | 0.00    | 0.00  | 0.06                | 0.00    | 0.06  | 0.90           | 0.00    | 0.90  | 0.15            | 0.00    | 0.15  |
| Seeker             | 1,773.41   | 0.59    | 1,774.00 | 0.03                      | 0.00    | 0.03  | 0.00                | 0.22    | 0.22  | 0.02           | 16.57   | 16.58 | 0.19            | 1.81    | 2.00  |
| Sovereignty        | 101.92     | 0.06    | 101.99   | 1.63                      | 0.00    | 1.63  | 0.15                | 0.00    | 0.15  | 6.49           | 0.00    | 6.49  | 1.55            | 0.00    | 1.55  |
| Traveler           | 9.79       | 0.00    | 9.79     | 0.01                      | 0.00    | 0.01  | 0.01                | 0.00    | 0.01  | 0.44           | 0.00    | 0.44  | 0.11            | 0.00    | 0.11  |
| Viking Explorer    | 36.37      | 0.04    | 36.41    | 0.08                      | 0.00    | 0.08  | 0.51                | 0.00    | 0.51  | 6.43           | 0.00    | 6.43  | 1.70            | 0.00    | 1.70  |

TABLE 6 - CONTINUED

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 BSAI TOTAL SIDEBOARD HARVEST BY VESSEL

| Vessel             | Alaska Plaice (MT) |         |       | Other Flats (MT) |         |       | BS POP (MT) |         |       | Northern Rockfish (MT) |         |       | Shortraker (MT) |         |       |
|--------------------|--------------------|---------|-------|------------------|---------|-------|-------------|---------|-------|------------------------|---------|-------|-----------------|---------|-------|
|                    | Landed             | Discard | Total | Landed           | Discard | Total | Landed      | Discard | Total | Landed                 | Discard | Total | Landed          | Discard | Total |
| Aldebaran          | 0.01               | 0.00    | 0.01  | 1.57             | 0.00    | 1.57  | 14.85       | 0.17    | 15.02 | 0.13                   | 0.00    | 0.13  | 0.00            | 0.00    | 0.00  |
| Arctic Explorer    | 0.00               | 0.00    | 0.00  | 4.58             | 0.00    | 4.58  | 21.35       | 0.20    | 21.55 | 0.08                   | 0.00    | 0.08  | 0.03            | 0.00    | 0.03  |
| Arctic Ram         | 0.00               | 0.00    | 0.00  | 0.15             | 0.00    | 0.15  | 1.81        | 0.09    | 1.90  | 0.04                   | 0.00    | 0.04  | 0.00            | 0.00    | 0.00  |
| Arctic Wind (AM69) | 0.00               | 0.00    | 0.00  | 0.01             | 0.00    | 0.01  | 8.28        | 0.03    | 8.30  | 0.01                   | 0.00    | 0.01  | 0.00            | 0.00    | 0.00  |
| Arcturus           | 0.01               | 0.00    | 0.01  | 1.81             | 0.00    | 1.81  | 18.25       | 0.14    | 18.39 | 0.08                   | 0.00    | 0.08  | 0.02            | 0.00    | 0.02  |
| Bristol Explorer   | 0.01               | 0.00    | 0.01  | 2.94             | 0.00    | 2.94  | 58.81       | 0.19    | 59.00 | 0.09                   | 0.00    | 0.09  | 0.42            | 0.00    | 0.42  |
| Cape Kiwanda       | 0.00               | 0.08    | 0.08  | 0.00             | 3.56    | 3.56  | 0.00        | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Columbia           | 0.00               | 0.00    | 0.00  | 0.88             | 0.00    | 0.88  | 17.32       | 0.05    | 17.38 | 0.06                   | 0.00    | 0.06  | 0.00            | 0.00    | 0.00  |
| Dominator          | 0.01               | 0.08    | 0.09  | 3.33             | 0.33    | 3.66  | 6.77        | 0.21    | 6.98  | 0.11                   | 0.00    | 0.11  | 0.00            | 0.00    | 0.00  |
| Excalibur II       | 0.00               | 0.00    | 0.00  | 0.02             | 0.00    | 0.02  | 0.58        | 0.04    | 0.62  | 0.01                   | 0.00    | 0.01  | 0.00            | 0.00    | 0.00  |
| Gladiator          | 0.00               | 0.14    | 0.14  | 2.43             | 0.56    | 2.98  | 9.10        | 0.10    | 9.20  | 0.03                   | 0.00    | 0.03  | 0.13            | 0.00    | 0.13  |
| Golden Dawn        | 0.00               | 0.06    | 0.07  | 6.22             | 0.30    | 6.51  | 31.39       | 0.22    | 31.61 | 0.10                   | 0.00    | 0.10  | 0.05            | 0.00    | 0.05  |
| Golden Pisces      | 0.00               | 0.10    | 0.10  | 0.03             | 2.75    | 2.78  | 4.18        | 0.08    | 4.26  | 0.03                   | 0.00    | 0.03  | 0.00            | 0.00    | 0.00  |
| Lisa Melinda       | 0.00               | 0.00    | 0.00  | 0.00             | 0.00    | 0.00  | 0.00        | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Majesty            | 0.00               | 0.14    | 0.14  | 0.14             | 1.74    | 1.88  | 2.14        | 0.06    | 2.19  | 1.03                   | 0.00    | 1.03  | 0.00            | 0.00    | 0.00  |
| Marcy J            | 0.00               | 0.00    | 0.00  | 0.01             | 0.00    | 0.01  | 0.01        | 0.03    | 0.04  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Margaret Lyn       | 0.00               | 0.00    | 0.00  | 0.01             | 0.00    | 0.01  | 0.00        | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Mark I             | 0.00               | 0.00    | 0.00  | 0.00             | 0.00    | 0.00  | 0.00        | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Northern Patriot   | 0.01               | 0.00    | 0.01  | 2.41             | 0.00    | 2.41  | 42.14       | 0.43    | 42.57 | 0.12                   | 0.00    | 0.12  | 0.05            | 0.00    | 0.05  |
| Northern Ram       | 0.00               | 0.08    | 0.08  | 0.00             | 2.03    | 2.03  | 0.00        | 0.00    | 0.00  | 0.06                   | 0.00    | 0.06  | 0.00            | 0.00    | 0.00  |
| Northwest Explorer | 0.00               | 0.00    | 0.00  | 0.35             | 0.00    | 0.35  | 0.05        | 0.00    | 0.05  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Ocean Explorer     | 0.00               | 0.00    | 0.00  | 0.46             | 0.00    | 0.46  | 5.21        | 0.16    | 5.37  | 1.93                   | 0.00    | 1.93  | 0.00            | 0.00    | 0.00  |
| Pacific Explorer   | 0.00               | 0.00    | 0.00  | 0.44             | 0.00    | 0.44  | 1.73        | 0.09    | 1.82  | 0.24                   | 0.00    | 0.24  | 0.00            | 0.00    | 0.00  |
| Pacific Ram        | 0.00               | 0.00    | 0.00  | 0.00             | 0.00    | 0.00  | 0.00        | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Pacific Viking     | 0.01               | 0.07    | 0.07  | 1.02             | 0.30    | 1.32  | 4.93        | 0.03    | 4.96  | 0.16                   | 0.00    | 0.16  | 0.00            | 0.00    | 0.00  |
| Pegasus            | 0.00               | 0.10    | 0.10  | 0.05             | 0.41    | 0.46  | 0.00        | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Peggy Jo           | 0.00               | 0.05    | 0.05  | 0.00             | 1.67    | 1.67  | 7.75        | 0.02    | 7.77  | 0.02                   | 0.00    | 0.02  | 0.00            | 0.00    | 0.00  |
| Perseverance       | 0.00               | 0.12    | 0.12  | 0.00             | 1.56    | 1.56  | 0.00        | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Predator           | 0.00               | 0.21    | 0.21  | 0.00             | 2.32    | 2.32  | 0.00        | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Raven              | 0.00               | 0.04    | 0.04  | 0.00             | 0.23    | 0.24  | 0.00        | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Royal American     | 0.00               | 0.11    | 0.11  | 0.04             | 0.49    | 0.53  | 0.94        | 0.14    | 1.09  | 0.02                   | 0.00    | 0.02  | 0.00            | 0.00    | 0.00  |
| Seadawn (AM69)     | 0.00               | 0.00    | 0.00  | 0.27             | 0.00    | 0.27  | 0.50        | 0.08    | 0.59  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Seeker             | 0.00               | 0.18    | 0.18  | 0.12             | 3.17    | 3.29  | 4.70        | 0.09    | 4.80  | 0.03                   | 0.00    | 0.03  | 0.00            | 0.00    | 0.00  |
| Sovereignty        | 0.01               | 0.00    | 0.01  | 3.06             | 0.00    | 3.06  | 46.82       | 0.20    | 47.02 | 0.34                   | 0.00    | 0.34  | 0.01            | 0.00    | 0.01  |
| Traveler           | 0.00               | 0.00    | 0.00  | 0.01             | 0.00    | 0.01  | 0.04        | 0.08    | 0.12  | 0.00                   | 0.00    | 0.00  | 0.00            | 0.00    | 0.00  |
| Viking Explorer    | 0.02               | 0.00    | 0.02  | 3.07             | 0.00    | 3.07  | 12.70       | 0.05    | 12.75 | 0.04                   | 0.00    | 0.04  | 0.00            | 0.00    | 0.00  |

TABLE 6 - CONTINUED

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 BSAI TOTAL SIDEBOARD HARVEST BY VESSEL

| Vessel             | Rougheye (MT) |         |       | BS Other Rockfish (MT) |         |       | Flathead Sole (MT) |         |       | AI POP (MT) |         |       |
|--------------------|---------------|---------|-------|------------------------|---------|-------|--------------------|---------|-------|-------------|---------|-------|
|                    | Landed        | Discard | Total | Landed                 | Discard | Total | Landed             | Discard | Total | Landed      | Discard | Total |
| Aldebaran          | 0.00          | 0.00    | 0.00  | 0.01                   | 0.00    | 0.01  | 2.20               | 0.00    | 2.20  | 0.00        | 0.00    | 0.00  |
| Arctic Explorer    | 0.03          | 0.00    | 0.03  | 0.00                   | 0.00    | 0.00  | 3.97               | 0.00    | 3.97  | 0.00        | 0.00    | 0.00  |
| Arctic Ram         | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.05               | 0.00    | 0.05  | 0.00        | 0.00    | 0.00  |
| Arctic Wind (AM69) | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.62               | 0.00    | 0.62  | 0.00        | 0.00    | 0.00  |
| Arcturus           | 0.00          | 0.00    | 0.00  | 0.01                   | 0.00    | 0.01  | 7.64               | 0.00    | 7.64  | 0.00        | 0.00    | 0.00  |
| Bristol Explorer   | 0.20          | 0.00    | 0.20  | 0.04                   | 0.00    | 0.04  | 9.49               | 0.00    | 9.49  | 0.00        | 0.00    | 0.00  |
| Cape Kiwanda       | 0.00          | 0.00    | 0.00  | 0.00                   | 0.07    | 0.07  | 0.00               | 2.64    | 2.64  | 0.00        | 0.00    | 0.00  |
| Columbia           | 0.00          | 0.00    | 0.00  | 0.01                   | 0.00    | 0.01  | 4.68               | 0.00    | 4.68  | 0.00        | 0.00    | 0.00  |
| Dominator          | 0.01          | 0.00    | 0.01  | 0.30                   | 0.07    | 0.37  | 7.76               | 1.28    | 9.04  | 0.00        | 0.00    | 0.00  |
| Excalibur II       | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.05               | 0.00    | 0.05  | 0.00        | 0.00    | 0.00  |
| Gladiator          | 0.03          | 0.00    | 0.03  | 0.06                   | 0.11    | 0.17  | 5.04               | 2.05    | 7.09  | 0.00        | 0.00    | 0.00  |
| Golden Dawn        | 0.04          | 0.00    | 0.04  | 0.02                   | 0.06    | 0.08  | 5.61               | 1.16    | 6.77  | 0.00        | 0.00    | 0.00  |
| Golden Pisces      | 0.00          | 0.00    | 0.00  | 0.00                   | 0.09    | 0.09  | 0.17               | 3.24    | 3.41  | 0.00        | 0.00    | 0.00  |
| Lisa Melinda       | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.08               | 0.00    | 0.08  | 0.00        | 0.00    | 0.00  |
| Majesty            | 0.00          | 0.00    | 0.00  | 0.00                   | 0.12    | 0.12  | 0.40               | 2.82    | 3.23  | 1.20        | 0.00    | 1.20  |
| Marcy J            | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.03               | 0.00    | 0.03  | 0.00        | 0.00    | 0.00  |
| Margaret Lyn       | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.65               | 0.00    | 0.65  | 0.00        | 0.00    | 0.00  |
| Mark I             | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00               | 0.00    | 0.00  | 0.00        | 0.00    | 0.00  |
| Northern Patriot   | 0.01          | 0.00    | 0.01  | 0.00                   | 0.00    | 0.00  | 5.10               | 0.00    | 5.10  | 0.00        | 0.00    | 0.00  |
| Northern Ram       | 0.00          | 0.00    | 0.00  | 0.00                   | 0.07    | 0.07  | 0.24               | 2.20    | 2.44  | 0.00        | 0.00    | 0.00  |
| Northwest Explorer | 0.00          | 0.00    | 0.00  | 0.06                   | 0.00    | 0.06  | 3.39               | 0.00    | 3.39  | 0.00        | 0.00    | 0.00  |
| Ocean Explorer     | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 1.47               | 0.00    | 1.47  | 0.04        | 0.00    | 0.04  |
| Pacific Explorer   | 0.00          | 0.00    | 0.00  | 0.02                   | 0.00    | 0.02  | 3.25               | 0.00    | 3.25  | 0.07        | 0.00    | 0.07  |
| Pacific Ram        | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.06               | 0.00    | 0.06  | 0.00        | 0.00    | 0.00  |
| Pacific Viking     | 0.00          | 0.00    | 0.00  | 0.03                   | 0.06    | 0.08  | 4.81               | 1.11    | 5.93  | 0.00        | 0.00    | 0.00  |
| Pegasus            | 0.00          | 0.00    | 0.00  | 0.00                   | 0.08    | 0.08  | 0.97               | 1.52    | 2.49  | 0.00        | 0.00    | 0.00  |
| Peggy Jo           | 0.00          | 0.00    | 0.00  | 0.00                   | 0.04    | 0.04  | 0.01               | 1.95    | 1.96  | 0.00        | 0.00    | 0.00  |
| Perseverance       | 0.00          | 0.00    | 0.00  | 0.00                   | 0.10    | 0.10  | 0.08               | 2.82    | 2.90  | 0.00        | 0.00    | 0.00  |
| Predator           | 0.00          | 0.00    | 0.00  | 0.00                   | 0.18    | 0.18  | 0.33               | 4.33    | 4.66  | 0.00        | 0.00    | 0.00  |
| Raven              | 0.00          | 0.00    | 0.00  | 0.00                   | 0.03    | 0.03  | 0.55               | 0.96    | 1.50  | 0.00        | 0.00    | 0.00  |
| Royal American     | 0.00          | 0.00    | 0.00  | 0.00                   | 0.09    | 0.09  | 0.78               | 1.76    | 2.55  | 0.00        | 0.00    | 0.00  |
| Seadawn (AM69)     | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 1.55               | 0.00    | 1.55  | 0.00        | 0.00    | 0.00  |
| Seeker             | 0.00          | 0.00    | 0.00  | 0.00                   | 0.16    | 0.16  | 0.11               | 4.67    | 4.78  | 0.00        | 0.00    | 0.00  |
| Sovereignty        | 0.02          | 0.00    | 0.02  | 0.02                   | 0.00    | 0.02  | 7.66               | 0.00    | 7.66  | 0.00        | 0.00    | 0.00  |
| Traveler           | 0.00          | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.28               | 0.00    | 0.28  | 0.00        | 0.00    | 0.00  |
| Viking Explorer    | 0.01          | 0.00    | 0.01  | 0.04                   | 0.00    | 0.04  | 6.73               | 0.00    | 6.73  | 0.00        | 0.00    | 0.00  |

TABLE 6 - CONTINUED

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 BSAI TOTAL SIDEBOARD HARVEST BY VESSEL

| Vessel             | Squid (MT) |         |       | AI Other Rockfish (MT) |         |       | BS Sablefish (MT) |         |       | Greenland Turbot (MT) |         |       |
|--------------------|------------|---------|-------|------------------------|---------|-------|-------------------|---------|-------|-----------------------|---------|-------|
|                    | Landed     | Discard | Total | Landed                 | Discard | Total | Landed            | Discard | Total | Landed                | Discard | Total |
| Aldebaran          | 1.32       | 0.01    | 1.33  | 0.00                   | 0.00    | 0.00  | 0.02              | 0.00    | 0.02  | 0.03                  | 0.00    | 0.03  |
| Arctic Explorer    | 22.07      | 0.01    | 22.09 | 0.00                   | 0.00    | 0.00  | 0.07              | 0.00    | 0.07  | 0.14                  | 0.00    | 0.14  |
| Arctic Ram         | 0.09       | 0.00    | 0.10  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Arctic Wind (AM69) | 1.47       | 0.00    | 1.47  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Arcturus           | 22.79      | 0.01    | 22.79 | 0.00                   | 0.00    | 0.00  | 0.05              | 0.00    | 0.05  | 0.00                  | 0.00    | 0.00  |
| Bristol Explorer   | 21.42      | 0.01    | 21.44 | 0.00                   | 0.00    | 0.00  | 1.66              | 0.00    | 1.66  | 0.04                  | 0.00    | 0.04  |
| Cape Kiwanda       | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Columbia           | 5.54       | 0.01    | 5.55  | 0.00                   | 0.00    | 0.00  | 0.03              | 0.00    | 0.03  | 0.01                  | 0.00    | 0.01  |
| Dominator          | 14.28      | 0.01    | 14.29 | 0.00                   | 0.00    | 0.00  | 0.30              | 0.00    | 0.30  | 0.09                  | 0.00    | 0.09  |
| Excalibur II       | 0.05       | 0.01    | 0.06  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Gladiator          | 5.41       | 0.01    | 5.42  | 0.00                   | 0.00    | 0.00  | 0.26              | 0.00    | 0.26  | 0.12                  | 0.00    | 0.12  |
| Golden Dawn        | 7.89       | 0.01    | 7.89  | 0.00                   | 0.00    | 0.00  | 0.26              | 0.00    | 0.26  | 0.10                  | 0.00    | 0.10  |
| Golden Pisces      | 0.47       | 0.00    | 0.48  | 0.00                   | 0.00    | 0.00  | 0.06              | 0.00    | 0.06  | 0.00                  | 0.00    | 0.00  |
| Lisa Melinda       | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Majesty            | 0.90       | 0.01    | 0.91  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Marcy J            | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.01              | 0.00    | 0.01  | 0.00                  | 0.00    | 0.00  |
| Margaret Lyn       | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Mark I             | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Northern Patriot   | 31.20      | 0.01    | 31.22 | 0.00                   | 0.00    | 0.00  | 0.14              | 0.00    | 0.14  | 0.04                  | 0.00    | 0.04  |
| Northern Ram       | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Northwest Explorer | 0.81       | 0.00    | 0.81  | 0.00                   | 0.00    | 0.00  | 0.03              | 0.00    | 0.03  | 0.02                  | 0.00    | 0.02  |
| Ocean Explorer     | 1.89       | 0.01    | 1.90  | 0.45                   | 0.00    | 0.45  | 0.00              | 0.00    | 0.00  | 0.01                  | 0.00    | 0.01  |
| Pacific Explorer   | 0.52       | 0.01    | 0.53  | 0.23                   | 0.00    | 0.23  | 0.01              | 0.00    | 0.01  | 0.00                  | 0.00    | 0.00  |
| Pacific Ram        | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Pacific Viking     | 3.44       | 0.01    | 3.45  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.01  |
| Pegasus            | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Peggy Jo           | 0.18       | 0.00    | 0.18  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Perseverance       | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Predator           | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Raven              | 0.00       | 0.00    | 0.00  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Royal American     | 0.48       | 0.01    | 0.49  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.01  |
| Seadawn (AM69)     | 0.15       | 0.00    | 0.15  | 0.00                   | 0.00    | 0.00  | 0.00              | 0.00    | 0.00  | 0.00                  | 0.00    | 0.00  |
| Seeker             | 0.88       | 0.01    | 0.89  | 0.00                   | 0.00    | 0.00  | 0.01              | 0.00    | 0.01  | 0.00                  | 0.00    | 0.00  |
| Sovereignty        | 12.98      | 0.02    | 13.00 | 0.00                   | 0.00    | 0.00  | 0.40              | 0.00    | 0.40  | 0.14                  | 0.00    | 0.14  |
| Traveler           | 0.02       | 0.00    | 0.02  | 0.00                   | 0.00    | 0.00  | 0.01              | 0.00    | 0.01  | 0.00                  | 0.00    | 0.00  |
| Viking Explorer    | 6.37       | 0.01    | 6.38  | 0.00                   | 0.00    | 0.00  | 0.01              | 0.00    | 0.01  | 0.02                  | 0.00    | 0.02  |

## 4. Bering Sea Salmon Bycatch Management

Chinook and Chum Salmon Rolling Hotspot programs were once again in place for 2016 through the work of the inter-coop group. The Chinook and Chum Salmon Bycatch Agreements were adopted by all of the coops. The overall goal of both programs is to provide to the fleet real-time bycatch data that can be used to avoid salmon hot spots and allow the harvest of pollock with as little salmon bycatch as possible. Incorporated in to these programs were weekly closed areas affecting coops that had shown high salmon bycatch, as defined in the agreement, over the previous couple of weeks.

Sea State was used to monitor the fishery and salmon bycatch performance by the coops. Sea State was responsible for gathering the data, notifying the coop managers of bycatch rates by area as well as determining and announcing the weekly closures.

Vessels fishing for the Akutan Coop always make an effort to fish close to Dutch Harbor and Akutan in order to bring the freshest possible fish to the plant. This provides the plant flexibility with its product mix and insures that they produce the highest quality product possible.

The Plant ran at capacity from the beginning of the 2016 B Season. The fishing was good and salmon bycatch was minimal. Fishing was also very close to the plant increasing fuel efficiency and fishing time. Pollock size was more consistent than A Season and allowed the plant to maximize their product mix.

Squid bycatch was not an issue in 2016 as it had been in previous years allowing our fleet to fish in areas abundant with marketable pollock and lower salmon bycatch.

Again in 2016, the Akutan Coop had a decrease in the appearances in the Sea State weekly "Dirty 20" list. The number of appearances dropped from 64 in 2015, to 26 in 2016. The plant communicates with every coop vessel for every trip the number of salmon and bycatch rate in order to aid in the avoidance of salmon. The Akutan Coop used salmon excluders for nearly 100% of tows in 2016.

The coop continues to seek out new technologies to aid in the reduction of salmon bycatch. We have used "Trawl Vision" video cameras with some success.

The Akutan Catcher Vessel Association has received no notices from Sea State that we might have possible salmon closed area violations during 2016.

Table 7 below shows the number of salmon taken by species and season by vessels harvesting Pollock for this Coop. In addition, Table 8 indicates the number of times vessels from this Coop appeared on the "Dirty 20" list as determined by Sea State. Estimations of the number of salmon that may have been avoided by the efforts of this Coop and the Rolling Hotspot program are summarized in the collective catcher vessel Inter-Coop report to the Council at the end of this document.

TABLE 7

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 SALMON BYCATCH BY VESSEL, SEASON AND SPECIES

| <b>Vessel</b>      | <b>Pollock Harvest<br/>(MT)</b> | <b>"A" Season<br/>2016<br/>Chinook (N)</b> | <b>"B" Season<br/>2016<br/>Chinook (N)</b> | <b>"A" Season<br/>2016 Other<br/>Salmon (N)</b> | <b>"B" Season<br/>2016 Other<br/>Salmon (N)</b> |
|--------------------|---------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| ALDEBARAN          | 8,735                           | 136                                        | 53                                         | 12                                              | 1,533                                           |
| ARCTIC EXPLORER    | 10,366                          | 126                                        | 29                                         | 13                                              | 626                                             |
| ARCTIC RAM         | 2,277                           | 0                                          | 3                                          | 0                                               | 296                                             |
| ARCTURUS           | 9,066                           | 137                                        | 122                                        | 14                                              | 1,289                                           |
| BRISTOL EXPLORER   | 12,988                          | 156                                        | 31                                         | 21                                              | 459                                             |
| CAPE KIWANDA       | 28                              | 0                                          | 0                                          | 0                                               | 0                                               |
| COLUMBIA           | 8,464                           | 85                                         | 78                                         | 55                                              | 938                                             |
| DOMINATOR          | 10,424                          | 200                                        | 216                                        | 68                                              | 2,119                                           |
| EXCALIBUR II       | 3,134                           | 41                                         | 3                                          | 1                                               | 501                                             |
| GLADIATOR          | 9,455                           | 103                                        | 81                                         | 15                                              | 2,036                                           |
| GOLDEN DAWN        | 10,428                          | 126                                        | 40                                         | 43                                              | 425                                             |
| GOLDEN PISCES      | 3,262                           | 0                                          | 34                                         | 0                                               | 276                                             |
| LISA MELINDA       | 1,294                           | 35                                         | 0                                          | 3                                               | 0                                               |
| MAJESTY            | 3,432                           | 0                                          | 14                                         | 0                                               | 1,806                                           |
| MARCY J            | 1,189                           | 0                                          | 3                                          | 0                                               | 265                                             |
| MARGARET LYN       | 693                             | 12                                         | 0                                          | 3                                               | 0                                               |
| NORTHERN PATRIOT   | 14,130                          | 249                                        | 80                                         | 15                                              | 643                                             |
| NORTHWEST EXPLORER | 3,770                           | 114                                        | 0                                          | 47                                              | 0                                               |
| OCEAN EXPLORER     | 9,592                           | 106                                        | 8                                          | 11                                              | 851                                             |
| PACIFIC EXPLORER   | 8,599                           | 123                                        | 42                                         | 12                                              | 2,104                                           |
| PACIFIC RAM        | 1,194                           | 20                                         | 0                                          | 1                                               | 0                                               |
| PACIFIC VIKING     | 6,542                           | 113                                        | 59                                         | 13                                              | 1,087                                           |
| PEGASUS            | 2,020                           | 47                                         | 0                                          | 2                                               | 0                                               |
| PEGGY JO           | 645                             | 0                                          | 30                                         | 0                                               | 212                                             |
| PERSEVERANCE       | 763                             | 27                                         | 0                                          | 4                                               | 0                                               |
| PREDATOR           | 1,013                           | 17                                         | 0                                          | 4                                               | 0                                               |
| RAVEN              | 2,300                           | 65                                         | 0                                          | 2                                               | 0                                               |
| ROYAL AMERICAN     | 7,139                           | 70                                         | 8                                          | 14                                              | 1,006                                           |
| SEEKER             | 5,076                           | 28                                         | 48                                         | 4                                               | 1,126                                           |
| SOVEREIGNTY        | 14,251                          | 265                                        | 72                                         | 36                                              | 1,817                                           |
| TRAVELER           | 3,849                           | 39                                         | 4                                          | 2                                               | 372                                             |
| VIKING EXPLORER    | 7,995                           | 176                                        | 31                                         | 49                                              | 690                                             |
| ARCTIC WIND (AM69) | 2,744                           | 33                                         | 87                                         | 3                                               | 552                                             |
| SEADAWN (AM69)     | 1,853                           | 12                                         | 2                                          | 2                                               | 453                                             |
| <b>Total</b>       | <b>188,711</b>                  | <b>2,661</b>                               | <b>1,178</b>                               | <b>469</b>                                      | <b>23,482</b>                                   |

TABLE 8

## AKUTAN CATCHER VESSEL ASSOCIATION

## VESSEL APPEARANCES ON "DIRTY 20" LIST FOR 2016

| Vessel             | Number of Appearances<br>Chum "Dirty" 20 list |
|--------------------|-----------------------------------------------|
| ALDEBARAN          | 2                                             |
| ARCTIC EXPLORER    | 1                                             |
| ARCTIC RAM         | 1                                             |
| ARCTURUS           | 0                                             |
| BRISTOL EXPLORER   | 0                                             |
| CAPE KIWANDA       | 0                                             |
| COLUMBIA           | 1                                             |
| DOMINATOR          | 2                                             |
| EXCALIBUR II       | 0                                             |
| GLADIATOR          | 2                                             |
| GOLDEN DAWN        | 0                                             |
| GOLDEN PISCES      | 2                                             |
| LISA MELINDA       | 0                                             |
| MAJESTY            | 3                                             |
| MARCY J            | 1                                             |
| MARGARET LYN       | 0                                             |
| MARK I             | 0                                             |
| NORTHERN PATRIOT   | 1                                             |
| NORTHERN RAM       | 0                                             |
| NORTHWEST EXPLORER | 0                                             |
| OCEAN EXPLORER     | 0                                             |
| PACIFIC EXPLORER   | 2                                             |
| PACIFIC RAM        | 0                                             |
| PACIFIC VIKING     | 2                                             |
| PACIFIC VIKING     | 0                                             |
| PEGASUS            | 0                                             |
| PEGGY JO           | 1                                             |
| PERSEVERANCE       | 0                                             |
| PREDATOR           | 0                                             |
| RAVEN              | 0                                             |
| ROYAL AMERICAN     | 1                                             |
| SEEKER             | 2                                             |
| SOVEREIGNTY        | 1                                             |
| VIKING EXPLORER    | 1                                             |

## 5. Gulf of Alaska Sideboards

### A. GOA Sideboard Allocations

Sideboards were established for the major target fisheries in the Gulf of Alaska. For 2016, Sea State published informational tables with GOA sideboard percentages for each coop's non-exempt vessels. Sideboard totals for each coop were calculated by taking the coop's percentage of the overall AFA sideboard for that area and species. Coop percentages are based on the relevant verified catch histories of member vessels.

Tables 9 and 10 show the Akutan Catcher Vessel Association 2016 non-exempt GOA sideboard limits for pollock and cod as well as any inter-coop transfers that took place during the year.

#### TABLES 9 and 10:

As stated above, these tables list the total sideboard amounts in MT by area and season based on a total of the member's catch histories. Inter-Coop transfers are noted in the middle column and total sideboards including transfers are at the right. Table 10 lists the total cod sideboard amounts in MT by area.

### B. GOA Sideboard Harvest

Three vessels from the Akutan Catcher Vessel Association participated in GOA sideboard fisheries in 2016. No sideboard limits were exceeded by this Coop for 2016. Any additional harvest of GOA species by ACVA members was done on GOA exempt vessels.

#### TABLES 11 & 12:

Tables 11 & 12 summarize the Akutan Coop's harvest of GOA sideboards and the Associated PSC harvest.

#### TABLE 13:

Table 13 summarizes the GOA total sideboard harvest by Vessel in MT.

TABLE 9

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 GOA POLLOCK SIDEBOARD ALLOCATIONS BY AREA

| Area / Species | Coop Sideboard Shares<br>"A" Season (MT) | Inter Coop<br>Transfers (MT) | "A" Sideboard Shares<br>after Transfers (MT) |
|----------------|------------------------------------------|------------------------------|----------------------------------------------|
| 610 Pollock    | 844                                      | 0                            | 844                                          |
| 620 Pollock    | 2,630                                    | 0                            | 2,630                                        |
| 630 Pollock    | 1,090                                    | 0                            | 1,090                                        |

| Area / Species | Coop Sideboard Shares<br>"B" Season (MT) | Inter Coop<br>Transfers (MT) | "B" Sideboard Shares<br>after Transfers (MT) |
|----------------|------------------------------------------|------------------------------|----------------------------------------------|
| 610 Pollock    | 844                                      | 0                            | 844                                          |
| 620 Pollock    | 3,077                                    | 0                            | 3,077                                        |
| 630 Pollock    | 445                                      | 0                            | 445                                          |

| Area / Species | Coop Sideboard Shares<br>"C" Season (MT) | Inter Coop<br>Transfers (MT) | "C" Sideboard Shares<br>after Transfers (MT) |
|----------------|------------------------------------------|------------------------------|----------------------------------------------|
| 610 Pollock    | 5,386                                    | 0                            | 5,386                                        |
| 620 Pollock    | 934                                      | 0                            | 934                                          |
| 630 Pollock    | 1,735                                    | 0                            | 1,735                                        |

| Area / Species | Coop Sideboard Shares<br>"D" Season (MT) | Inter Coop<br>Transfers (MT) | "D" Sideboard Shares<br>after Transfers (MT) |
|----------------|------------------------------------------|------------------------------|----------------------------------------------|
| 610 Pollock    | 5,386                                    | 0                            | 5,386                                        |
| 620 Pollock    | 934                                      | 0                            | 934                                          |
| 630 Pollock    | 1,735                                    | 450                          | 1,285                                        |

| Area / Species | Coop Sideboard Shares<br>Annual (MT) | Inter Coop<br>Transfers (MT) | Sideboard Shares<br>after Transfers (MT) |
|----------------|--------------------------------------|------------------------------|------------------------------------------|
| 640 Pollock    | 0                                    | 0                            | 0                                        |
| 650 Pollock    | 0                                    | 0                            | 0                                        |

TABLE 10

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 GOA COD SIDEBOARD ALLOCATIONS BY AREA

| Area / Species      | 2016 Coop Sideboard<br>Shares (MT) | Inter Coop<br>Transfers (MT) | Sideboard Shares<br>after Transfers (MT) |
|---------------------|------------------------------------|------------------------------|------------------------------------------|
| Pacific Cod Western | 1,504                              | 0                            | 1,504                                    |
| Pacific Cod Central | 1,100                              | 0                            | 1,100                                    |
| Pacific Cod Eastern | 0                                  | 0                            | 0                                        |

TABLE 11

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 GOA POLLOCK SIDEBOARD HARVEST BY AREA AND SPECIES

| Vessel                 | 610 Pollock A Harvest (MT) | 610 Pollock B Harvest (MT) | 610 Pollock C Harvest (MT) | 610 Pollock D Harvest (MT) | 2015 Totals (MT) |
|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------|
| Majesty                | 615                        |                            |                            |                            | 615              |
|                        |                            |                            |                            |                            | 0                |
|                        |                            |                            |                            |                            | 0                |
| Seasonal Allocation:   | 844                        | 844                        | 5,386                      | 5,386                      | 12,460           |
| Unharvested Allocation | 229                        | 844                        | 5,386                      | 5,386                      | 11,845           |

| Vessel                 | 620 Pollock A Harvest (MT) | 620 Pollock B Harvest (MT) | 620 Pollock C Harvest (MT) | 620 Pollock D Harvest (MT) | 2015 Totals (MT) |
|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------|
| Majesty                |                            | 128                        |                            | 257                        | 385              |
| Viking Explorer        |                            |                            |                            | 1,091                      | 1,091            |
| Columbia               |                            |                            | 141                        | 393                        | 534              |
| Seasonal Allocation:   | 2,630                      | 3,077                      | 934                        | 934                        | 7,575            |
| Unharvested Allocation | 2,630                      | 2,949                      | 793                        | (807)                      | 5,565            |

| Vessel                 | 630 Pollock A Harvest (MT) | 630 Pollock B Harvest (MT) | 630 Pollock C Harvest (MT) | 630 Pollock D Harvest (MT) | 2015 Totals (MT) |
|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------|
| Majesty                |                            |                            | 520                        | 744                        | 1,264            |
| Columbia               |                            |                            |                            | 668                        | 668              |
| Viking Explorer        |                            |                            |                            | 657                        | 657              |
| Seasonal Allocation:   | 1,090                      | 445                        | 1,735                      | 1,285                      | 4,555            |
| Unharvested Allocation | 1,090                      | 445                        | 1,215                      | (784)                      | 1,966            |

TABLE 11 - CONTINUED

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 GOA OTHER SIDEBOARD HARVEST BY AREA AND SPECIES

| Vessel                 | Pacific Cod Western (MT) | Pacific Cod Central (MT) | Pacific Cod Eastern (MT) |
|------------------------|--------------------------|--------------------------|--------------------------|
| Majesty                | 8                        | 1                        | 0                        |
| Columbia               | 0                        | 1                        | 0                        |
| Viking Explorer        | 0                        | 3                        | 0                        |
| Seasonal Allocation    | 1,504                    | 1,100                    | 0                        |
| Unharvested Allocation | 1,496                    | 1,095                    | 0                        |

TABLE 12

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 GOA POLLOCK SIDEBOARD HARVEST AND PSC BYCATCH

| Vessels         | Pollock Harvest (MT) | Halibut Mortality (MT) | Red King Crab (N) | Bairdi (N) | Other Tanner (N) | Chinook (N) | Other Salmon (N) | Herring (MT) |
|-----------------|----------------------|------------------------|-------------------|------------|------------------|-------------|------------------|--------------|
| Majesty         | 2,264.92             | 0.00                   | 0                 | 0          | 0                | 519         | 59               | 4.24         |
| Viking Explorer | 1,747.87             | 0.00                   | 0                 | 0          | 0                | 398         | 27               | 2.16         |
| Columbia        | 1,201.66             | 0.00                   | 0                 | 0          | 0                | 218         | 18               | 2.25         |

TABLE 13

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 GOA TOTAL SIDEBOARD HARVEST BY VESSEL (MT)

| Name           | Sideboard Species           | Landed | Discard | Total  |
|----------------|-----------------------------|--------|---------|--------|
| <b>Majesty</b> | Arrowtooth Central GOA      | 4.31   | 0.00    | 4.31   |
|                | Arrowtooth Western GOA      | 2.84   | 0.00    | 2.84   |
|                | BigSkate Western GOA        | 0.00   | 0.10    | 0.10   |
|                | DSR Central GOA             | 0.01   | 0.00    | 0.01   |
|                | Flathead Central GOA        | 0.14   | 0.00    | 0.14   |
|                | Flathead Western GOA        | 1.22   | 0.00    | 1.22   |
|                | FORAGE Gulf wide            | 0.06   | 0.00    | 0.06   |
|                | LongnoseSkate Western GOA   | 0.01   | 0.00    | 0.01   |
|                | OtherSkate Western GOA      | 0.05   | 0.00    | 0.05   |
|                | Pcod Central GOA            | 0.97   | 0.00    | 0.97   |
|                | Pcod Western GOA            | 8.41   | 0.00    | 8.41   |
|                | Pollock Central GOA 620 - B | 128.29 | 0.00    | 128.29 |
|                | Pollock Central GOA 620 - D | 257.17 | 1.71    | 258.88 |
|                | Pollock Central GOA 630 - C | 519.81 | 1.38    | 521.19 |
|                | Pollock Central GOA 630 - D | 744.27 | 4.01    | 748.28 |
|                | Pollock Western GOA - A     | 615.38 | 1.48    | 616.86 |
|                | POP Central GOA             | 3.15   | 6.41    | 9.56   |
|                | POP Western GOA             | 0.01   | 0.00    | 0.01   |
|                | PSR Central GOA             | 0.39   | 0.00    | 0.39   |
|                | Rex Central GOA             | 0.02   | 0.02    | 0.04   |
|                | Rex Western GOA             | 0.01   | 0.00    | 0.01   |
|                | Rougheye Central GOA        | 0.07   | 0.00    | 0.07   |
|                | Sculpins Gulf wide          | 0.01   | 0.00    | 0.01   |
|                | Shallowflats Central GOA    | 0.20   | 0.00    | 0.20   |
|                | Sharks Gulf wide            | 0.00   | 0.07    | 0.07   |
|                | Shortraker Central GOA      | 0.13   | 0.00    | 0.13   |
|                | Squid Gulf wide             | 1.11   | 0.53    | 1.65   |

TABLE 13 - CONTINUED

## AKUTAN CATCHER VESSEL ASSOCIATION

## 2016 GOA TOTAL SIDEBOARD HARVEST BY VESSEL (MT)

| Name            | Sideboard Species           | Landed | Discard | Total  |
|-----------------|-----------------------------|--------|---------|--------|
| <b>Columbia</b> | Arrowtooth Central GOA      | 5.71   | 0.00    | 5.71   |
|                 | Flathead Central GOA        | 0.50   | 0.00    | 0.50   |
|                 | LongnoseSkate Central GOA   | 0.19   | 0.00    | 0.19   |
|                 | Mackerel Gulf wide          | 0.05   | 0.00    | 0.05   |
|                 | Northern Central GOA        | 0.01   | 0.00    | 0.01   |
|                 | OtherSkate Central GOA      | 0.02   | 0.00    | 0.02   |
|                 | Pcod Central GOA            | 1.00   | 0.00    | 1.00   |
|                 | Pollock Central GOA 620 - D | 533.92 | 3.66    | 537.58 |
|                 | Pollock Central GOA 630 - D | 667.74 | 5.39    | 673.13 |

| Name                   | Sideboard Species           | Landed | Discard | Total  |
|------------------------|-----------------------------|--------|---------|--------|
| <b>Viking Explorer</b> | Arrowtooth Central GOA      | 2.61   | 0.00    | 2.61   |
|                        | Flathead Central GOA        | 0.07   | 0.00    | 0.07   |
|                        | FORAGE Gulf wide            | 2.48   | 0.00    | 2.48   |
|                        | OtherSkate Central GOA      | 0.13   | 0.00    | 0.13   |
|                        | Pcod Central GOA            | 2.89   | 0.00    | 2.89   |
|                        | Pollock Central GOA 620 - C | 153.30 | 1.12    | 154.42 |
|                        | Pollock Central GOA 620 - D | 937.76 | 6.18    | 943.94 |
|                        | Pollock Central GOA 630 - D | 656.81 | 5.09    | 661.90 |
|                        | POP Central GOA             | 6.62   | 9.67    | 16.29  |
|                        | PSR Central GOA             | 0.29   | 0.00    | 0.29   |
|                        | Rex Central GOA             | 0.00   | 0.02    | 0.02   |
|                        | Rougheye Central GOA        | 0.03   | 0.00    | 0.03   |
|                        | Shallowflats Central GOA    | 0.05   | 0.00    | 0.05   |
|                        | Sharks Gulf wide            | 0.17   | 0.04    | 0.20   |
|                        | Shortraker Central GOA      | 0.21   | 0.00    | 0.21   |
|                        | Squid Gulf wide             | 1.46   | 0.55    | 2.01   |