

Pollock Conservation Cooperative

and

High Seas Catchers' Cooperative

Joint Annual Report 2014



North Pacific Fishery Management Council

April 1, 2015

Table of Contents

| | |
|---|-----------|
| List of Tables | 2 |
| Pollock Conservation Cooperative Annual Report | 3 |
| Introduction | 3 |
| Purpose of Report | 3 |
| Reporting Requirements | 3 |
| Cooperative Members and Allocations | 4 |
| Inter-Cooperative Agreement Between PCC and HSCC | 4 |
| Yellowfin Sole, Atka Mackerel, and Pacific Cod Fisheries | 8 |
| AFA Sideboard Limits and Total Groundfish Catch..... | 9 |
| Pollock Fishery Discards..... | 15 |
| Pollock Landed Outside of Alaska | 16 |
| Chinook and Chum Salmon Bycatch Avoidance | 16 |
| Chum | 17 |
| Monitoring and Enforcement | 18 |
| High Seas Catchers’ Cooperative Annual Report | 19 |
| Introduction | 19 |
| Cooperative Members and Allocations | 19 |
| Inter-Cooperative Agreement Between HSCC and PCC | 20 |
| Catcher Vessel Inter-Cooperative Agreement..... | 20 |
| Bering Sea Pollock Transfers and Directed Pollock Fishing | 20 |
| Bering Sea and Aleutian Islands Shellfish Fisheries..... | 20 |
| AFA Sideboard Limits | 20 |
| Bering Sea and Aleutian Islands Sideboard Fisheries..... | 21 |
| Gulf of Alaska Sideboard Fisheries..... | 22 |
| Monitoring and Enforcement | 22 |
| Penalty Structures within the HSCC and Between Cooperatives | 22 |

List of Tables

| | |
|---|----|
| Table 1. PCC and HSCC Pollock Allocations and Catch..... | 5 |
| Table 2. PCC and HSCC <u>Pollock</u> Directed Fishing Catch and Bycatch. | 6 |
| Table 3. PCC Yellowfin Sole Directed Fishing Catch and Bycatch | 8 |
| Table 4. PCC Atka Mackerel and Pacific Cod Directed Fishing Catch and Bycatch. | 9 |
| Table 5. PCC Species Sideboard Limits..... | 10 |
| Table 6. All 2014 PCC Catches by Vessel. | 11 |
| Table 7. PCC Pollock Fishery Discards. | 15 |
| Table 8. Pollock Discards by Vessel | 16 |
| Table 9. PCC Vessel Weeks on the Chum D-20 List. | 17 |
| Table 10. HSCC BSAI Pacific Cod Directed Fishing Catch and Bycatch by Vessel. | 21 |
| Table 11. HSCC Catch of BSAI Groundfish..... | 21 |

Pollock Conservation Cooperative Annual Report

Introduction

In 1998, the owners of the catcher-processors and catcher-vessels that deliver to catcher-processors in the Bering Sea and Aleutian Islands (BSAI) pollock fishery formed separate fishing cooperatives under the American Fisheries Act for coordinating pollock harvesting efforts. The cooperative for the catcher-processor owners is the Pollock Conservation Cooperative (PCC), and for catcher-vessels it is the High Seas Catchers' Cooperative (HSCC). On January 21, 1999, the PCC and HSCC completed an inter-cooperative agreement to facilitate efficient management and accurate accounting between the two cooperatives. The agreement, "Cooperative Agreement Between Offshore Pollock Catchers' Cooperative and Pollock Conservation Cooperative" remains in force, has not been changed, and is available upon request from the NPFMC.

Purpose of Report

This report is intended to disclose all information required or identified in the American Fisheries Act (AFA), per the North Pacific Fishery Management Council (NPFMC) October 1999 recommendation to the U.S. Secretary of Commerce, and in further guidance provided by the NPFMC in letters dated October 21, 1999 and November 1, 1999. The tables and figures in this report are largely self-explanatory, although some notes have been included to provide detail. The catch data in this report was provided by SeaState, Inc., and was obtained from the National Marine Fisheries Service (NMFS) North Pacific Groundfish Observer Program.¹

Reporting Requirements

Fishing cooperatives formed under the AFA are subject to certain annual reporting requirements. Section 210(a)(1)(B) of the AFA requires the North Pacific Fisheries Management Council and the US Secretary of Commerce to "make available to the public in such a manner as the North Pacific Council and Secretary deem appropriate, information about the harvest by vessels under a fishery cooperative of all species (including bycatch) in the directed pollock fishery on a vessel-by-vessel basis." In doing so, however, the NPFMC and Secretary must take into account "the interest of the parties to [a fishing cooperative] in protecting the confidentiality of proprietary information."

In October 1999, the NPFMC took action to implement section 210(a)(1)(B) of the AFA by requiring that cooperatives annually prepare a report containing: (1) Allocation of pollock and sideboard species to a cooperative; (2) sub-allocations of pollock and sideboard species on a vessel-by-vessel basis; (3) retained and discarded catch on an area-by-area and vessel-by-vessel basis; (4) methods used to monitor fisheries in which cooperative vessels participated; (5) actions taken by cooperatives to enforce vessel or aggregate catches that exceed allowed catch and bycatch in the pollock and sideboard fisheries; (6) total weight of pollock landed outside the State of Alaska on a vessel-by-vessel basis; (7) number of salmon taken by species and season; and (8) each vessel's number of appearances on the weekly 'dirty 20' lists for non-Chinook salmon.

¹ The NMFS catch database for the 2014 fishing year is still subject to revision as catch data and other information from the fishery is finalized. To the extent that information in this report is based on NMFS data, it is still subject to revision. At this point, however, neither the PCC nor the HSCC are aware of any data discrepancies that would materially alter the substantive elements of this report.

Cooperative Members and Allocations

The Pollock Conservation Cooperative was formed in December 1998 in order to promote the rational and orderly harvest of pollock by the catcher-processor (CP) sector of the BSAI pollock trawl fishery. The PCC is made up of the companies that operate 19 CPs eligible under section 208(e)(1)-(20) of the AFA to harvest and process pollock in the BSAI directed pollock fishery. In September 2005 the PCC companies adopted an amended and restated membership agreement.

According to the PCC harvest schedule, each member is allocated a percentage of the directed fishery specified under Section 206(b) of the AFA. The percentage of the catcher-processor directed pollock fishery allocated to each PCC member by the amended membership agreement is shown below².

| Company | Directed Pollock Fishery Share (%) | PCC Share (%) |
|------------------------------|---|----------------------|
| C/P Northern Hawk, L.L.C. | 1.000 | 2.73 |
| Starbound, L.L.C. | 1.585 | 4.33 |
| Arctic Fjord, Inc. | 1.792 | 4.90 |
| Arctic Storm, Inc. | 1.841 | 5.03 |
| Glacier Fish Company, L.L.C. | 6.222 | 17.00 |
| Trident Seafoods Corp. | 6.824 | 18.64 |
| American Seafoods, L.L.C. | 17.336 | 47.37 |
| Total: | 36.600 | 100.00 |

Inter-Cooperative Agreement Between PCC and HSCC

Under the inter-cooperative agreement, the PCC and HSCC established a joint harvest schedule and agreed to retain the same independent quota monitoring service. The inter-cooperative agreement governs the harvest and processing of the HSCC members' share of the BSAI directed pollock fishery and the transfer of pollock allocations between members of the two cooperatives. Table 1 shows PCC and HSCC pollock allocations and catch for 2014 by company and vessel, and Table 2 shows PCC and HSCC pollock directed fishing catch and prohibited species bycatch (PSC) for 2014.

² Under sections 205(4) (definitions) and 206 (allocations) of the AFA, the BSAI directed pollock fishery (DPF) is the amount of the total allowable catch remaining after 10 percent has been deducted for the western Alaska Community Development Quota program and an additional amount has been deducted for the incidental catch of pollock in other groundfish fisheries. Section 206(b)(2) of the American Fisheries Act allocates a total of 40 percent of the DPF to catcher- processors and the catcher vessels that deliver to catcher-processors, and section 210(c) allocates 8.5 percent of this amount (3.4 percent of the DPF) to catcher vessels that deliver to catcher processors. Subsequently, the AFA was amended by the Consolidated Appropriations Act of 2004, which reallocated the AI DPF to the Aleut Corporation for the purpose of economic development of Adak, Alaska.

Table 1. PCC and HSCC Pollock Allocations and Catch.

| 2014 | Company | Vessel | Cooperative Shares (mt) | | | Catch (mt) | | |
|---------------|-------------------------------|--------------------|-------------------------|----------------|------------------|----------------|----------------|------------------|
| | | | Harvest Schedule | Transfers | Final Allocation | Vessel Harvest | Company Total | Amount Remaining |
| PCC | American Seafoods | | 191,944 | 2,191 | 194,135 | | 194,121 | 13 |
| | | American Dynasty | | | | 38,871 | | |
| | | American Triumph | | | | 38,635 | | |
| | | Katie Ann | | | | 50 | | |
| | | Northern Eagle | | | | 41,736 | | |
| | | Northern Jaeger | | | | 36,664 | | |
| | | Ocean Rover | | | | 38,164 | | |
| | Arctic Fjord Ltd. | Arctic Fjord | 19,099 | 8,591 | 27,690 | 27,690 | 27,690 | 0 |
| | Arctic Storm Ltd. | Arctic Storm | 19,620 | 9,835 | 29,454 | 29,444 | 29,444 | 10 |
| | C/P Northern Hawk Ltd. | Northern Hawk | 11,072 | 10,944 | 22,016 | 22,015 | 22,015 | 0 |
| | Glacier Fish Co. | | 68,890 | 100 | 68,990 | | 68,962 | 28 |
| | | Alaska Ocean | | | | 39,112 | | |
| | | Northern Glacier | | | | 29,849 | | |
| | | Pacific Glacier | | | | | | |
| | Starbound Ltd. | Starbound | 17,549 | 7,971 | 25,520 | 25,520 | 25,520 | 0 |
| | Trident Seafoods | | 75,555 | (271) | 75,284 | | 75,224 | 60 |
| | | Island Enterprise | | | | 25,323 | | |
| | | Kodiak Enterprise | | | | 19,616 | | |
| | | Seattle Enterprise | | | | 30,286 | | |
| HSCC | | Forum Star | 2,718 | (2,718) | - | | | |
| | | American Chall. | 3,506 | (3,506) | - | | | |
| | | Ocean Harvester | 4,815 | (4,815) | - | | | |
| | | Tracy Anne | 5,168 | (5,168) | - | | | |
| | | Neahkanie | 8,177 | (8,177) | - | | | |
| | | Sea Storm | 9,922 | (9,922) | - | | | |
| | | Muir Milach | 5,052 | (5,052) | - | | | |
| Totals | | | 443,085 | 4 | 443,089 | 442,976 | 442,976 | 113 |

Table 2. PCC and HSCC Pollock Directed Fishing Catch and Bycatch.

| 2014 | Vessel | Pollock (mt) | Other Groundfish (mt) | Halibut Mortality (mt) | Herring (mt) | Red King Crab (N) | <i>Bairdi</i> Crab (N) | <i>Opilio</i> Crab (N) | Chinook Salmon A (N) | Chinook Salmon B (N) | Other Salmon A (N) | Other Salmon B (N) |
|-----------|--------------------|--------------|-----------------------|------------------------|--------------|-------------------|------------------------|------------------------|----------------------|----------------------|--------------------|--------------------|
| PCC | Alaska Ocean | 39,112 | 1,013 | 10 | 0 | 0 | 13 | 59 | 232 | 29 | 6 | 4,559 |
| | American Dynasty | 38,871 | 484 | 5 | 0 | 0 | 0 | 70 | 278 | 23 | 10 | 6,310 |
| | American Triumph | 38,635 | 1,140 | 13 | 0 | 0 | 160 | 23 | 350 | 16 | 19 | 4,785 |
| | Arctic Fjord | 27,690 | 631 | 4 | 5 | 0 | 41 | 210 | 241 | 58 | 10 | 4,724 |
| | Arctic Storm | 29,444 | 714 | 4 | 0 | 0 | 21 | 110 | 259 | 25 | 11 | 4,454 |
| | Island Enterprise | 25,323 | 449 | 3 | 0 | 0 | 118 | 626 | 230 | 35 | 4 | 4,062 |
| | Katie Ann | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Kodiak Enterprise | 19,616 | 361 | 3 | 0 | 0 | 68 | 317 | 304 | 3 | 19 | 1,465 |
| | Northern Eagle | 41,736 | 494 | 5 | 0 | 0 | 3 | 124 | 368 | 29 | 19 | 5,969 |
| | Northern Hawk | 22,015 | 306 | 3 | 0 | 0 | 12 | 48 | 286 | 8 | 9 | 1,576 |
| | Northern Jaeger | 36,664 | 840 | 10 | 0 | 0 | 104 | 343 | 302 | 18 | 9 | 3,996 |
| | Ocean Rover | 38,164 | 1,058 | 10 | 0 | 0 | 43 | 63 | 329 | 11 | 19 | 2,748 |
| | Pacific Glacier | 29,849 | 457 | 3 | 0 | 0 | 0 | 17 | 211 | 57 | 8 | 5,159 |
| | Seattle Enterprise | 30,286 | 353 | 3 | 0 | 0 | 72 | 61 | 323 | 83 | 12 | 8,262 |
| Starbound | 25,520 | 821 | 5 | 0 | 0 | 84 | 117 | 241 | 170 | 7 | 3,770 | |

| | Vessel | Pollock (mt) | Other Groundfish (mt) | Halibut Mortality (mt) | Herring (mt) | Red King Crab (N) | <i>Bairdi</i> Crab (N) | <i>Opilio</i> Crab (N) | Chinook Salmon A (N) | Chinook Salmon B (N) | Other Salmon A (N) | Other Salmon B (N) |
|-------------------------------------|------------------------|-----------------|-----------------------------|------------------------------|-----------------|-------------------------|------------------------------|---------------------------|----------------------------|----------------------------|--------------------------|--------------------------|
| HSCC | Forum Star | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | American Challenger | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Ocean Harvester | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Tracy Anne | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Neahkanie | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sea Storm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Muir Milach | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals* | | 442,975 | 9,121 | 81 | 5 | 0 | 655 | 2,071 | 3,954 | 565 | 162 | 61,839 |
| Catch Rate (catch/mt groundfish) | | 0.980 | 0.020 | 0.000 | 0.000 | 0.000 | 0.001 | 0.005 | 0.009 | 0.001 | 0.000 | 0.137 |

*Of the 452,096 tons of total groundfish catch (pollock and other non-pollock groundfish), 2,667 tons were discarded. Thus, over 99 percent of all groundfish harvested by PCC vessels in the directed-pollock fishery was retained and used to make a marketable product.

Yellowfin Sole, Atka Mackerel, and Pacific Cod Fisheries

Ten PCC vessels participated in the directed fishery for BSAI yellowfin sole in 2014. Groundfish catch and PSC bycatch for PCC yellowfin sole directed fishing is shown in Table 3. Catch rates are provided to assess target catch and PSC bycatch per ton of total groundfish catch. For example, in 2014, average halibut mortality was five kilograms per ton of groundfish in the yellowfin sole directed fishery, and yellowfin sole catches were on average about 69 percent of the total groundfish catch. To interpret catch rates of PSC collected as number of individuals (N): In 2014, two *Opilio* crabs were caught per ton of groundfish in the yellowfin sole directed fishery. Table 4 shows similar information for the catch of the F/T Northern Glacier in the 2014 Central Aleutian Islands Atka mackerel fishery and the catch of the F/T Katie Ann in the 2014 directed Pacific Cod fishery.

Table 3. PCC Yellowfin Sole Directed Fishing Catch and Bycatch

| Vessel | Yellowfin Sole (mt) | Total Groundfish (mt) | Halibut Mortality (mt) | Herring (mt) | Red King Crab (N) | <i>Bairdi</i> Crab (N) | <i>Opilio</i> Crab (N) | Chinook Salmon (N) | Other Salmon (N) |
|----------------------------------|----------------------------|------------------------------|-------------------------------|---------------------|--------------------------|-------------------------------|-------------------------------|---------------------------|-------------------------|
| American Dynasty | 1,061 | 1,667 | 12 | 0 | 0 | 3,866 | 1,829 | 0 | 0 |
| American Triumph | 1,216 | 1,939 | 31 | 0 | 0 | 705 | 928 | 0 | 0 |
| Arctic Storm | 2,328 | 3,321 | 11 | 0 | 27 | 3,008 | 1,597 | 0 | 0 |
| Katie Ann | 6,476 | 9,438 | 43 | 0 | 0 | 17,918 | 15,325 | 0 | 48 |
| Kodiak Enterprise | 817 | 1,067 | 8 | 0 | 0 | 4,030 | 577 | 0 | 0 |
| Northern Eagle | 1,424 | 2,261 | 19 | 0 | 0 | 18,461 | 16,878 | 0 | 0 |
| Northern Glacier | 6,550 | 8,850 | 25 | 0 | 162 | 17,206 | 5,570 | 0 | 54 |
| Northern Jaeger | 1,499 | 2,266 | 21 | 0 | 146 | 6,833 | 9,460 | 0 | 0 |
| Ocean Rover | 1,053 | 1,686 | 7 | 0 | 0 | 6,420 | 13,097 | 0 | 0 |
| Seattle Enterprise | 776 | 1,131 | 4 | 0 | 0 | 6,779 | 6,485 | 0 | 0 |
| 2014 Totals | 23,200 | 33,626 | 181 | 1 | 335 | 85,226 | 71,746 | 0 | 102 |
| Catch Rate (catch/mt groundfish) | 0.690 | 1.000 | 0.005 | 0.000 | 0.01 | 2.535 | 2.134 | 0.000 | 0.003 |

Table 4. PCC Atka Mackerel and Pacific Cod Directed Fishing Catch and Bycatch.

| Vessel | Atka Mackerel CAI (mt) | Total Groundfish (mt) | Halibut Mortality (mt) | Herring (mt) | Red King Crab (N) | Bairdi Crab (N) | Opilio Crab (N) | Chinook Salmon (N) | Other Salmon (N) |
|--------------------|------------------------|-----------------------|------------------------|--------------|-------------------|-----------------|-----------------|--------------------|------------------|
| Northern Glacier | 213 | 230 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2014 Totals | 213 | 230 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Catch Rate | 0.926 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Vessel | Pacific Cod (mt) | Total Groundfish (mt) | Halibut Mortality (mt) | Herring (mt) | Red King Crab (N) | Bairdi Crab (N) | Opilio Crab (N) | Chinook Salmon (N) | Other Salmon (N) |
| Katie Ann | 739 | 1,313 | 8.44 | 0 | 0 | 1,016 | 207 | 4 | 0 |
| 2014 Totals | 739 | 1,313 | 8.44 | 0 | 0 | 1,016 | 207 | 4 | 0 |
| Catch Rate | 0.563 | 1.000 | 0.006 | 0.000 | 0.000 | 0.774 | 0.158 | 0.003 | 0.000 |

AFA Sideboard Limits and Total Groundfish Catch

PCC vessels are all AFA CPs. The 2014 AFA CP sideboard limits and catches of sideboard-limited groundfish and PSC species are shown in Table 5. The groundfish limits control PCC directed fishing for each species listed. For some groundfish species catch is greater than the sideboard limit, but in every case this catch occurred as bycatch in the pollock, yellowfin sole, Atka mackerel and Pacific cod fisheries, and not as directed fishing on these sideboard species. Note yellowfin sole was not sideboard limited in 2014. The PSC limits cap bycatch of these species in the non-pollock fisheries, therefore the PSC bycatch amounts in Table 5 reflect total PCC bycatch of PSC species in the yellowfin sole, Atka mackerel, and Pacific cod fisheries only. Table 6 shows PCC catches of all groundfish and PSC species by vessel from the pollock, yellowfin sole, Atka mackerel, and Pacific cod fisheries combined. Note the difference between the pollock catch given in Table 1 and that in Table 6 is because Table 6 includes all pollock catches from PCC vessels, including incidental pollock catch in the yellowfin sole, Atka mackerel, and Pacific cod fisheries, while Table 1 includes only directed pollock fishing catch.

Table 5. PCC Species Sideboard Limits and Catch.

| Groundfish Species | 2014 Catch | 2014 Limit | Over (Under) Limit* |
|------------------------------------|-------------------|-------------------|----------------------------|
| Alaska plaice - BSAI (mt) | 2,321 | 21 | 2,300 |
| Arrowtooth flounder - BSAI (mt) | 793 | 43 | 750 |
| Atka mackerel - BS + EAI (mt) | 5 | 0 | 5 |
| Atka mackerel - CAI (mt) | 213 | 497 | (284) |
| Atka mackerel - WAI (mt) | 0 | 134 | (134) |
| Flathead sole - BSAI (mt) | 2,833 | 788 | 2,045 |
| Greenland turbot - BS (mt) | 21 | 10 | 11 |
| Greenland turbot - AI (mt) | 2 | 2 | 0 |
| Kamchatka flounder - BSAI (mt) | 126 | 12 | 114 |
| Northern rockfish - BSAI (mt) | 48 | 15 | 33 |
| Octopus - BSAI (mt) | 1 | 2 | (1) |
| Other flatfish - BSAI (mt) | 55 | 131 | (76) |
| Other Rockfish - BS (mt) | 2 | 9 | (7) |
| Other Rockfish - AI (mt) | 0 | 13 | (13) |
| Pacific Ocean perch - BS (mt) | 805 | 13 | 792 |
| Pacific Ocean perch - EAI (mt) | 1 | 165 | (164) |
| Pacific Ocean perch - CAI (mt) | 0 | 6 | (6) |
| Pacific Ocean perch - WAI (mt) | 0 | 34 | (34) |
| Rock sole -BSAI (mt) | 3,882 | 2,808 | 1,074 |
| Rougheye rockfish - EBS+EAI (mt) | 0 | 3 | (3) |
| Rougheye rockfish - CAI+WAI (mt) | 0 | 4 | (4) |
| Sablefish - BS (mt) | 0 | 9 | (9) |
| Sablefish - AI (mt) | 0 | 0 | 0 |
| Sculpins - BSAI (mt) | 205 | 39 | 166 |
| Sharks - BSAI (mt) | 21 | 1 | 20 |
| Shortraker rockfish - BSAI (mt) | 0 | 7 | (7) |
| Skates - BSAI (mt) | 773 | 177 | 596 |
| Squid - BSAI (mt) | 16 | 6 | 10 |
| Prohibited Species | 2014 Catch | 2014 Limit | Over (Under) Limit |
| Halibut mortality - BSAI (mt) | 190 | 286 | (96) |
| Red king crab - Zone 1 (N) | 92 | 606 | (514) |
| <i>C. opilio</i> crab - COBLZ (N) | 71,234 | 1,528,317 | (1,457,083) |
| <i>C. bairdi</i> crab - Zone 1 (N) | 3,296 | 122,520 | (119,224) |
| <i>C. bairdi</i> crab - Zone 2 (N) | 82,810 | 132,611 | (49,801) |

* For some groundfish species catch is greater than the sideboard limit, but in every case this catch occurred as bycatch in the pollock, yellowfin sole, and Atka mackerel fisheries, and not as directed fishing on these sideboard species.

Table 6. All 2014 PCC Catches by Vessel.

| Vessel | Pollock (mt) | Atka Mackerel (mt) | Yellowfin Sole (mt) | Pacific Cod (mt) | Sablefish (mt) | Alaska Plaice (mt) | Arrowtooth Flounder (mt) | Flathead Sole (mt) |
|--------------------|----------------|--------------------|---------------------|------------------|----------------|--------------------|--------------------------|--------------------|
| Alaska Ocean | 39,112 | 0.0 | 149 | 208 | 0 | 5 | 31 | 128 |
| American Dynasty | 39,029 | 0.0 | 1,159 | 186 | 0 | 118 | 46 | 242 |
| American Triumph | 38,815 | 0.0 | 1,360 | 364 | 0 | 106 | 67 | 289 |
| Arctic Fjord | 27,690 | 1.8 | 77 | 115 | 0 | 1 | 12 | 58 |
| Arctic Storm | 29,604 | 0.0 | 2,469 | 255 | 0 | 416 | 51 | 183 |
| Island Enterprise | 25,323 | 0.1 | 21 | 111 | 0 | 1 | 19 | 58 |
| Katie Ann | 1,346 | 0.0 | 6,722 | 1,350 | 0.1 | 522 | 159 | 289 |
| Kodiak Enterprise | 19,695 | 0.0 | 843 | 98 | 0 | 34 | 24 | 107 |
| Northern Eagle | 41,940 | 0.0 | 1,477 | 248 | 0 | 192 | 56 | 237 |
| Northern Glacier | 700 | 213.2 | 6,550 | 404 | 0 | 600 | 85 | 192 |
| Northern Hawk | 22,015 | 0.1 | 26 | 75 | 0 | 1 | 12 | 47 |
| Northern Jaeger | 36,852 | 0.0 | 1,615 | 322 | 0 | 131 | 80 | 308 |
| Ocean Rover | 38,325 | 0.2 | 1,170 | 261 | 0 | 123 | 57 | 361 |
| Pacific Glacier | 29,849 | 0.0 | 28 | 66 | 0 | 1 | 21 | 78 |
| Seattle Enterprise | 30,358 | 0.5 | 788 | 156 | 0 | 65 | 33 | 147 |
| Starbound | 25,520 | 1.7 | 89 | 206 | 0 | 5 | 39 | 110 |
| TOTAL | 446,174 | 217.9 | 24,543 | 4,427 | 0.1 | 2,321 | 793 | 2,833 |

Table 6 continued

| Vessel | Greenland Turbot (mt) | Kamchatka Flounder (mt) | Rock Sole (mt) | Other Flatfishes (mt) | Northern Rockfish (mt) | Rougheye Rockfish (mt) | Shortraker Rockfish (mt) | Pacific Ocean Perch (mt) |
|--------------------|-----------------------------|-------------------------------|-------------------|-----------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|
| Alaska Ocean | 1.1 | 6 | 411 | 1 | 0 | 0.0 | 0.0 | 3 |
| American Dynasty | 2.3 | 4 | 175 | 2 | 1 | 0.0 | 0.0 | 1 |
| American Triumph | 1.5 | 6 | 494 | 1 | 13 | 0.0 | 0.0 | 55 |
| Arctic Fjord | 0.5 | 3 | 103 | 1 | 0 | 0.0 | 0.2 | 220 |
| Arctic Storm | 2.2 | 5 | 333 | 2 | 1 | 0.0 | 0.1 | 77 |
| Island Enterprise | 0.2 | 2 | 122 | 1 | 3 | 0.0 | 0.0 | 88 |
| Katie Ann | 3.1 | 42 | 292 | 8 | 0 | 0.0 | 0.0 | 1 |
| Kodiak Enterprise | 0.2 | 2 | 188 | 1 | 2 | 0.0 | 0.0 | 24 |
| Northern Eagle | 2.7 | 11 | 184 | 5 | 9 | 0.0 | 0.0 | 39 |
| Northern Glacier | 4.0 | 13 | 222 | 20 | 5 | 0.0 | 0.0 | 0 |
| Northern Hawk | 0.4 | 3 | 125 | 0 | 0 | 0.0 | 0.0 | 1 |
| Northern Jaeger | 1.6 | 10 | 340 | 1 | 0 | 0.0 | 0.0 | 3 |
| Ocean Rover | 1.6 | 7 | 469 | 5 | 4 | 0.2 | 0.0 | 21 |
| Pacific Glacier | 0.6 | 4 | 133 | 1 | 0 | 0.0 | 0.0 | 105 |
| Seattle Enterprise | 0.9 | 2 | 126 | 2 | 3 | 0.0 | 0.0 | 44 |
| Starbound | 0.3 | 5 | 164 | 3 | 6 | 0.0 | 0.0 | 123 |
| TOTAL | 23.3 | 126 | 3,882 | 55 | 48 | 0.2 | 0.3 | 806 |

Table 6 continued

| Vessel | Other Rockfishes (mt) | All sculpins (mt) | All sharks (mt) | All skates (mt) | All octopi (mt) | All squids (mt) |
|--------------------|-----------------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Alaska Ocean | 0.1 | 11 | 2 | 56 | 0.1 | 0.1 |
| American Dynasty | 0.3 | 6 | 2 | 47 | 0.0 | 0.3 |
| American Triumph | 0.3 | 25 | 1 | 114 | 0.0 | 0.1 |
| Arctic Fjord | 0.0 | 3 | 1 | 33 | 0.0 | 1.0 |
| Arctic Storm | 0.0 | 14 | 1 | 65 | 0.0 | 0.2 |
| Island Enterprise | 0.0 | 2 | 2 | 15 | 0.0 | 3.2 |
| Katie Ann | 0.0 | 34 | 0 | 31 | 0.0 | 0 |
| Kodiak Enterprise | 0.2 | 2 | 0 | 22 | 0.0 | 0.9 |
| Northern Eagle | 0.7 | 13 | 1 | 73 | 0.1 | 2.5 |
| Northern Glacier | 0.1 | 41 | 0 | 30 | 0.0 | 0 |
| Northern Hawk | 0.0 | 3 | 1 | 12 | 0.0 | 0.4 |
| Northern Jaeger | 0.0 | 18 | 2 | 86 | 0.0 | 0.2 |
| Ocean Rover | 0.4 | 14 | 3 | 86 | 0.1 | 0.7 |
| Pacific Glacier | 0.0 | 1 | 2 | 16 | 0.0 | 0.2 |
| Seattle Enterprise | 0.0 | 7 | 1 | 34 | 0.0 | 3.4 |
| Starbound | 0.3 | 10 | 1 | 55 | 0.2 | 2.4 |
| TOTAL | 2.4 | 205 | 21 | 773 | 0.7 | 15.6 |

Table 6 continued

| Vessel | Halibut Mortality (mt) | Pacific Herring (mt) | Red King Crab (N) | Tanner Crab, <i>Bairdi</i> (N) | Snow Crab, <i>Opilio</i> (N) | Chinook Salmon (N) | Other Salmon (N) |
|--------------------|------------------------|----------------------|-------------------|--------------------------------|------------------------------|--------------------|------------------|
| Alaska Ocean | 10 | 0.1 | 0 | 13 | 59 | 261 | 4,565 |
| American Dynasty | 17 | 0.1 | 0 | 3,866 | 1,899 | 301 | 6,320 |
| American Triumph | 44 | 0.0 | 0 | 865 | 951 | 366 | 4,804 |
| Arctic Fjord | 4 | 5.1 | 0 | 41 | 210 | 299 | 4,734 |
| Arctic Storm | 15 | 0.2 | 27 | 3,029 | 1,707 | 284 | 4,465 |
| Island Enterprise | 3 | 0.2 | 0 | 118 | 626 | 265 | 4,066 |
| Katie Ann | 51 | 0.4 | 0 | 18,934 | 15,532 | 4 | 48 |
| Kodiak Enterprise | 11 | 0.0 | 0 | 4,098 | 894 | 307 | 1,484 |
| Northern Eagle | 24 | 0.0 | 0 | 18,464 | 17,002 | 397 | 5,988 |
| Northern Glacier | 25 | 0.1 | 162 | 17,206 | 5,570 | 0 | 54 |
| Northern Hawk | 3 | 0.2 | 0 | 12 | 48 | 294 | 1,585 |
| Northern Jaeger | 31 | 0.5 | 146 | 6,937 | 9,803 | 320 | 4,005 |
| Ocean Rover | 17 | 0.0 | 0 | 6,463 | 13,160 | 340 | 2,767 |
| Pacific Glacier | 3 | 0.4 | 0 | 0 | 17 | 268 | 5,167 |
| Seattle Enterprise | 7 | 0.0 | 0 | 6,851 | 6,546 | 406 | 8,274 |
| Starbound | 5 | 0.0 | 0 | 84 | 117 | 411 | 3,777 |
| TOTAL | 269 | 7 | 335 | 86,981 | 74,141 | 4,523 | 62,103 |

Pollock Fishery Discards

Groundfish bycatch amounts in the pollock target fishery are reported in Table 2 as by-vessel and total amounts of other (non-pollock) groundfish.³ These groundfish bycatch amounts include catches of all of the species groups except pollock listed on the Bering Sea and Aleutian Islands “TAC sheet.” In contrast to groundfish bycatch, groundfish discards include all groundfish catches, including pollock, from which no edible, saleable product was produced. An estimate of the total groundfish discard amount is provided as a footnote to Table 2. Table 7 provides additional pollock-fishery bycatch and discards detail, including in particular the bycatch and discard of forage and non-specified species. These discard estimates are made by the North Pacific Groundfish Observer Program. The non-specified category includes species that occur infrequently in the BSAI, or have little or no economic value, and so are neither targeted by the commercial fisheries nor managed by the National Marine Fisheries Service. In 2014, jellyfish accounted for 99 percent of the non-specified species bycatch in the pollock fishery. Table 8 shows pollock discards by vessel in the pollock fishery for 2014.

Table 7. PCC Pollock Fishery Discards.

| Species Category | 2014 Discard Amount (mt) | Year | Groundfish Bycatch Ratio (mt/mt) ** | Groundfish Discard Ratio (mt/mt) *** |
|-------------------------|--------------------------|-------------|-------------------------------------|--------------------------------------|
| Pollock | 333 | 2000 | 0.016 | 0.006 |
| Other Roundfish | 653 | 2001 | 0.011 | 0.006 |
| Flatfish | 1,390 | 2002 | 0.011 | 0.004 |
| Skates | 262 | 2003 | 0.010 | 0.004 |
| Squid and Octopi | 9 | 2004 | 0.012 | 0.005 |
| Sharks | 21 | 2005 | 0.005 | 0.004 |
| Total Groundfish | 2,667 | 2006 | 0.007 | 0.004 |
| | | 2007 | 0.007 | 0.005 |
| Forage | 0 | 2008 | 0.025 | 0.008 |
| Non-specified | 4,030 | 2009 | 0.040 | 0.010 |
| | | 2010 | 0.030 | 0.009 |
| Total discards* | 6,697 | 2011 | 0.038 | 0.010 |
| | | 2012 | 0.034 | 0.014 |
| | | 2013 | 0.031 | 0.007 |
| | | 2014 | 0.020 | 0.006 |

* Does not include the prohibited species amounts listed in Table 2. By regulation, all prohibited crab species, halibut, and herring must be discarded, while salmon may be discarded or donated to food banks.

** Groundfish bycatch ratio is groundfish bycatch divided by total groundfish catch.

*** Groundfish discard ratio is groundfish discards divided by total groundfish catch.

³ In this report the term “bycatch” includes all non-target groundfish species that are taken incidental to directed fishing for pollock, yellowfin sole, Pacific cod and Atka mackerel, whether such catch is retained and sold or discarded. This is different from the definition of “bycatch” in Section 3(1) of the Magnuson-Stevens Act 16 USC 1802, which defines bycatch as non-retained (discarded) catch.

Table 8. Pollock Discards by Vessel

| Vessel | Amount (mt) | Vessel | Amount (mt) |
|-------------------|-------------|--------------------|-------------|
| Alaska Ocean | 0 | Northern Eagle | 0 |
| American Dynasty | 0 | Northern Hawk | 0 |
| American Triumph | 0 | Northern Jaeger | 6 |
| Arctic Fjord | 0 | Ocean Rover | 0 |
| Arctic Storm | 0 | Pacific Glacier | 91 |
| Island Enterprise | 0 | Seattle Enterprise | 101 |
| Katie Ann | 0 | Starbound | 36 |
| Kodiak Enterprise | 99 | 2014 Total | 333 |

Pollock Landed Outside of Alaska

No pollock was landed outside the state of Alaska in 2014.

Chinook and Chum Salmon Bycatch Avoidance

Chinook

Amendment 91 to the BSAI FMP limits Chinook salmon bycatch in the Bering Sea pollock fishery. Regulations implementing the Amendment 91 program came into force in 2011. The program is an innovative approach to managing Chinook salmon bycatch that combines overall, sector-specific limits on the amount of Chinook salmon bycatch with a voluntary incentive plan agreement (IPA) and performance standard requirement designed to minimize Chinook bycatch by each individual vessel. These vessel-level incentives are created through contracts among the IPA participants.

The PCC member companies participate in a Chinook Salmon Bycatch Reduction Incentive Plan and Agreement. The agreement was first implemented in 2011 and is designed to provide the incentives necessary to accomplish the goals and objectives of Amendment 91. The plan builds on experience gained in the development and refinement of time-and-area-based salmon “hot-spot” (bycatch avoidance-area) programs. The plan creates incentives to avoid Chinook bycatch by restricting the pollock fishing opportunities of vessels with poor bycatch performance while allowing vessels with good bycatch performance less restricted access to fishing grounds. Losing access to good fishing grounds increases vessel operating costs and reduces product values; avoiding these costs and producing more high-value products increases vessel profitability.

The plan is designed to work in concert with the annual Chinook bycatch limits specified in Amendment 91. Primary plan components include: (1) data gathering, monitoring, reporting, and information sharing; (2) identification of bycatch avoidance areas; and (3) pollock fishing prohibitions for vessels with poor bycatch performance. The plan also includes an A-season closure area (Chinook Salmon Conservation Area). This 735 square-mile area is on the northwestern flank of the Bering Canyon, and remains closed to pollock fishing for the entire A-season. An analysis of A-season data from 1995-2007 showed that in some years nearly 20 percent of the Chinook salmon bycatch occurred in this area along with only 2-3

percent of the pollock catch. Additional program features and performance results are provided in an annual CP IPA report available from the NPFMC.

Chum

All BSAI pollock cooperatives participated in an inter-cooperative chum salmon bycatch avoidance (hot-spot closure) program. The PCC first began participating in this program in 2001, and since then has worked to improve the program. The program became a regulated component of the Bering Sea pollock fishery in 2006 (Amendment 84 to the BSAI Fishery Management Plan). As with the Chinook bycatch management program, the chum bycatch avoidance program is implemented via contracts among the program participants.

In an effort to further reduce bycatch of western-Alaska origin chum salmon starting in the 2012 B-season, the Amendment 84 inter-cooperative agreement (ICA) was modified to limit the increase in the benchmark used to evaluate chum bycatch performance by the pollock cooperatives to not more than 20 percent per week. This modification made it more difficult for cooperative vessels to fish on grounds with high chum abundance during periods when chum abundance was generally increasing grounds-wide. In addition, the initial bycatch benchmarks used to determine whether a cooperative is allowed to fish in an area of relatively high chum abundance were adjusted such that only vessels with at least two fishing weeks of very low chum bycatch were allowed to fish for pollock in chum bycatch avoidance areas. These modifications of the Amendment 84 program were renewed for 2014 and remained in effect until the end of August 2014.

The chum bycatch of PCC vessels in the 2014 B-season was 61,829 chum salmon. Table 8 shows the season-weeks that PCC vessels were on the Amendment 84 D-20 list during the pollock B-season. This is a list of vessels that are prohibited from fishing in chum bycatch avoidance areas during any given week due to poor chum bycatch performance. The maximum, average and median given are to allow comparison of PCC vessels with all ICA vessels. The 2014 ICA report (available from the NPFMC) includes an analysis of the chum salmon “saved” by the hot-spot program.

Table 9. PCC Vessel Weeks on the Chum D-20 List.

| Vessel | Weeks on D-20 | Vessel | Weeks on D-20 |
|------------------|---------------|-------------------------|---------------|
| American Dynasty | 3 | Northern Glacier | 0 |
| American Triumph | 1 | Pacific Glacier | 4 |
| Katie Ann | 0 | Starbound | 3 |
| Northern Eagle | 2 | Island Enterprise | 2 |
| Northern Jaeger | 2 | Kodiak Enterprise | 2 |
| Ocean Rover | 1 | Seattle Enterprise | 6 |
| Arctic Fjord | 2 | Average all PCC vessels | 2.1 |
| Arctic Storm | 1 | Maximum all ICA vessels | 9 |
| Northern Hawk | 0 | Average all ICA vessels | 2.3 |
| Alaska Ocean | 1 | Median all ICA vessels | 2 |

Monitoring and Enforcement

All data used in monitoring pollock and non-pollock fishing activities was obtained from the North Pacific Groundfish Observer Program. Aboard each vessel, the catch is weighed using motion-compensated flow scales. The species composition of the catch is determined from observer sampling. Since two observers are required on AFA catcher-processors, the number of unsampled hauls is very low. In 2014, virtually 100 percent of pollock hauls were sampled. For the rare hauls that were not sampled, species composition data from the next nearest haul (in time and area) within the same vessel and gear type is substituted for the missing data. Priority in the imputation process is given to a sampled haul that occurs on the same day, but prior to the non-sampled haul.

Information concerning the catch and bycatch of individual vessels is available from a NMFS data server 24 hours a day, and is generally accessible 20 minutes after transmission from the vessels. SeaState, Inc., a company that provides catch accounting services, is authorized by the PCC companies to receive and process this data and report on the status of the harvest. Observer data are downloaded one or two times per day, processed to generate catch and bycatch information, and then sent to a SeaState web site where company representatives may verify catch and bycatch data for their vessel(s). Typically, either an operations manager or vessel operator checks into the site each day to make sure recorded harvest amounts for his vessel(s) are consistent with vessel tallies.

Companies with several vessels often set initial vessel allocations, and then manage vessel harvests independently until late in the season. Typically, inter- and intra-company transfers of pollock occur near the end of the season to promote quota usage. No enforcement actions were taken by the PCC against any members during 2014.

High Seas Catchers' Cooperative Annual Report

Introduction

The High Seas Catchers Coop is a fisheries cooperative of all vessels eligible to fish for BSAI pollock under section 208(b) of the American Fisheries Act (AFA). The HSCC is party to an inter-cooperative agreement with the PCC for purposes of pollock harvest management, and a participant in an AFA catcher-vessel inter-cooperative agreement for purposes of sideboard species harvest management.

Cooperative Members and Allocations

The member vessels of HSCC include the F/Vs American Challenger, Forum Star, Muir Milach, Neahkahnie, Ocean Harvester, Sea Storm, and Tracy Anne. The HSCC Membership agreement is available from the NPFMC.

Allocations of pollock to members of HSCC were established within the HSCC membership agreement, as well as within the Cooperative Agreement with the PCC. Allocations of the BSAI Pacific cod sideboard amounts available for 2014 in the "Intercoop BSAI Cod Sideboard Allocation Agreement" were made by the HSCC Board of Directors through a roll over of the "Consent of Directors" document included as an appendix to the HSCC 2000 Annual Report. Other sideboard species were allocated by action of the HSCC Board of Directors. Prior to participation in any sideboard fishery, members were required to provide notice to the HSCC Executive Director, and-or the Manager of the Catcher Vessel Inter-Cooperative Agreement (CVICA). There is additional information about the flow of information between the vessels, the HSCC, SeaState, the CVICA Manager, and NMFS in the Catcher Vessel Inter-Cooperative Agreement (available from the NPFMC).

The 2014 distribution in metric tons to the HSCC vessels based on 206(b)(2) allocation of the directed pollock fishery to catcher-processors and catcher vessels, including releases from the pollock incidental catch allowance and rollovers from the Aleutian Islands fishery, is as follows:

| Vessel | Allocation (mt) |
|---------------------|------------------------|
| Forum Star | 2,718 |
| American Challenger | 3,506 |
| Ocean Harvester | 4,815 |
| Tracy Anne | 5,168 |
| Neahkahnie | 8,177 |
| Sea Storm | 9,922 |
| Muir Milach | 5,052 |
| Total | 39,357 |

Inter-Cooperative Agreement Between HSCC and PCC

The members of PCC and HSCC are allocated pollock under section 206(b)(2) of the AFA. As noted, HSCC is a party to the “Cooperative Agreement Between Offshore Pollock Catchers’ Cooperative and Pollock Conservation Cooperative” for purposes of pollock management, and this agreement is available from the NPFMC.

Catcher Vessel Inter-Cooperative Agreement

HSCC is also a party to the Catcher Vessel Inter-Cooperative Agreement (CVICA) for purposes of groundfish sideboard harvest management. Compliance with both agreements is based upon monitoring of catch and bycatch by SeaState, Inc. Information concerning CVICA allocations and rules as well as inter-cooperative transfer arrangements is contained in an annual report submitted to the NPFMC by the CVICA Manager. Among other things, the CVICA contains specific provisions on management of halibut prohibited-species catches (PSC) in the BSAI Pacific cod fishery, in which some HSCC vessels participate (see below). Prohibited species bycatch (PSC) by HSCC vessels is provided in Table 9.

Bering Sea Pollock Transfers and Directed Pollock Fishing

Based upon the January 1999 “Cooperative Agreement Between Offshore Pollock Catchers’ Cooperative and Pollock Conservation Cooperative,” individual members of HSCC have made transfers of pollock to individual members of PCC. These transfers are reported in Table 1 while catch and bycatch information for the directed Bering Sea pollock fishery is provided in Table 2.

Bering Sea and Aleutian Islands Shellfish Fisheries

The BSAI crab rationalization program was implemented in August 2005. As part of that program, the AFA crab sideboard limits were eliminated. The HSCC vessel Forum Star leased all of its scallop catch history and so did not catch any scallops in 2014.

AFA Sideboard Limits

The NMFS publishes in the Federal Register the sideboard limits for all AFA catcher vessels as well as a set of information tables which provide historic catches of sideboard species by cooperative for those species for which directed fishing is allowed (e.g., see: http://www.fakr.noaa.gov/sustainablefisheries/afa/afa_sf.htm). The regulations allow two or more cooperatives to enter into an inter-cooperative agreement where vessel catches are limited by the combined cooperative sideboard limits.

Bering Sea and Aleutian Islands Sideboard Fisheries

Four non-sideboard-exempt vessels participated in the Pacific cod fishery in 2014 and caught 4,558 metric tons of cod. Table 9 shows target, bycatch, and prohibited species catch by vessel for this fishery. Catch rates are provided to assess target catch and PSC use. Total groundfish catch by species is shown in Table 10.

Table 10. HSCC BSAI Pacific Cod Directed Fishing Catch and Bycatch by Vessel.

| Vessel | Total Groundfish (mt) | Cod (mt) | Halibut mortality (mt) | King crab (N) | <i>Bairdi</i> (N) | <i>Opilio</i> (N) | Herring (mt) | Chinook (N) | Other salmon (N) |
|--------------------|-----------------------|--------------|------------------------|---------------|-------------------|-------------------|--------------|-------------|------------------|
| Forum Star | 645 | 550 | 2 | 0 | 0 | 34 | 0 | 0 | 0 |
| Muir Milach | 1,303 | 1,256 | 4 | 0 | 3 | 5 | 0 | 6 | 0 |
| Ocean Harvester | 1,465 | 1,355 | 3 | 0 | 0 | 0 | 0 | 4 | 0 |
| Sea Storm | 1,534 | 1,398 | 8 | 0 | 41 | 32 | 0 | 23 | 0 |
| 2014 Totals | 4,947 | 4,558 | 18 | 0 | 44 | 71 | 0 | 33 | 0 |
| Catch Rate | 1.000 | 0.921 | 0.004 | 0.000 | 0.009 | 0.014 | 0.000 | 0.007 | 0.000 |

Table 11. HSCC Catch of BSAI Groundfish.

| Species | Catch (mt) |
|---------------------|--------------|
| Pacific Cod | 4,558 |
| Pollock BS | 204 |
| Pollock AI | 1 |
| Atka Mackerel | 0 |
| Alaska Plaice | 4 |
| Arrowtooth Flounder | 18 |
| Flathead Sole | 27 |
| Kamchatka Flounder | 1 |
| Rock Sole | 78 |
| Turbot | 0 |
| Yellowfin Sole | 8 |
| Other Flatfish | 4 |
| Pacific Ocean Perch | 0 |
| Northern Rockfish | 4 |
| Rougheye Rockfish | 0 |
| Shortraker Rockfish | 0 |
| Other Rockfish BS | 0 |
| Other Rockfish AI | 0 |
| Octopus | 1 |
| Sculpins | 25 |
| Skates | 14 |
| Squid | 0 |
| 2014 Total | 4,947 |

Gulf of Alaska Sideboard Fisheries

No HSCC vessels participated in the Western GOA pollock sideboard fishery in 2014.

Monitoring and Enforcement

All data used in monitoring HSCC pollock and non-pollock fishing for delivery to offshore processors was obtained from the NMFS North Pacific Groundfish Observer Program. Information is available on the NMFS password-protected web site 24 hours a day, and is generally accessible 20 minutes after transmission from the vessel. Sea State, Inc. is authorized by the HSCC and its members to receive and process this observer data and report back to the members on the status of the harvest. The methods are the same as those described above under PCC Monitoring and Enforcement.

For deliveries to shore-side processors, each company submitted copies of its Alaska Department of Fish and Game (ADFG) fish tickets to SeaState, Inc. for tabulation through the NMFS Electronic Fish Ticket Program. In addition, HSCC member companies provided confidentiality waiver requests to ADFG for release of the data directly to SeaState to verify the completeness and accuracy of data submitted by HSCC members. This information was then made available to all HSCC members on the SeaState web site.

Penalty Structures within the HSCC and Between Cooperatives

The Cooperative Agreement between HSCC and PCC provides for inter-cooperative enforcement of penalties in the event of over-harvest of pollock. The CVICA also contains penalty provisions for over-harvest of sideboard species. No enforcement actions were taken by HSCC members in either its pollock or sideboard fisheries, as members complied with the provisions of the membership agreement.