

MEMORANDUM

TO: Council, SSC and AP Members

FROM: Chris Oliver *CO*
Acting Executive Director

DATE: January 28, 2002

SUBJECT: American Fisheries Act

ESTIMATED TIME 2 HOURS

ACTION REQUIRED

- (a) Review final co-op reports for 2001 fisheries.
- (b) Review supplemental information for AFA Report to Congress.

BACKGROUND

2001 Co-op reports

In December the preliminary end-of-year reports from the pollock co-ops were made available to the Council, but we did not take up this agenda item. Final reports have been submitted to the Council, many of which did not differ significantly from the December drafts. We have not copied these reports, but have compiled them in a reference book, and co-op representatives are available to summarize the results. Because these reports will include information on the salmon bycatch provisions of the co-op agreements, and because that issue is of mutual interest to the Alaska Board of Fisheries, it is anticipated that the co-op representatives will provide their report at the joint meeting of the Council and Board of Fish on February 5. Copies of the specific reports from each co-op are available to the public upon request.

Report to Congress

In October you asked us to delay submission of the AFA Report to Congress pending the compilation of catcher vessel ownership information. By early December we received the relevant information from all 112 AFA vessels, and have compiled it in summary form to include in the report (maintaining confidentiality of specific ownership information). Item C-6(b)(1) is a summary of that information, as well as a summary of other changes to the report you requested back in October. Rather than provide additional copies of the entire report to you at this time, we are providing only this additional, new information, and are seeking your concurrence that the report is now complete with this additional information. Copies of the final version would then be forwarded to Congress, the Secretary of Commerce, and to all Council family members and interested public.

Changes to the AFA Report to Congress

(Since Last Reviewed by the Council in October 2001)

January 28, 2002

Relatively few changes have been made to the Report to Congress since it was reviewed by the Council in October 2001. The changes that have been made include adding a section on catcher vessel ownership, revising the catch tables for the catcher/processors in Appendix III, breaking out salmon bycatch by catcher vessels and catcher/processors, and modifying the tone in the spillover impacts section specific to the H&G fleet. Each of these issues is discussed in more detail below.

Catcher Vessel Ownership

To obtain catcher vessel ownership information that could be included as part of the AFA report to Congress, the North Pacific Fishery Management Council (NPFMC) requested that catcher vessel owners holding AFA permits to provide ownership information regarding their vessel(s). The Alaska Department of Fish and Game (ADF&G) funded the fleet survey using AFA funds supplied to them by Congress. The survey was developed and administered by the consulting firm Northern Economics, Inc. Initial attempts to gather the information were met with limited success. However, after being encouraged to supply the information by the ADF&G and the NPFMC, the industry has now complied with that request. The census mail-out survey has been completed by the owners of all 112 AFA catcher vessels.

Information provided on the mail-out survey will not be released to the general public. Instead, aggregate forms of the data will be released as was agreed upon by ADF&G and the vessel owners. The structure will be such that no one vessel can be identified from the data submitted. Keeping the data confidential was considered a critical part of the agreement for the catcher vessel fleet to submit the information.

The information collected from industry provides both a baseline from which future comparisons can be made as well as an understanding of the changes in ownership that have already occurred in the fleet since the AFA was implemented. Because the data are vessel specific they can be linked to catch data bases to determine the harvests attributed to various owners. Reporting of catch by owners has not been included in the Report to Congress, because of time constraints. The baseline information will be stored and updated as necessary. Having baseline data will allow the impacts of the AFA on ownership to be tracked over a longer period of time. The data that were collected will be used in this analysis to summarize the ownership changes that have already taken place in the fleet as a result of the AFA.

It should be noted that this information had already been collected by the Maritime Administration (MarAd). However, the information was collected with the agreement that it would be held confidential by MarAd. That precluded the Council and their staff from accessing the data collected. Therefore, the data had to be recollected at a cost of several thousand dollars to the Federal Government, paid for using AFA funding provided to the State of Alaska. Duplicating the cost of collecting the information could have been avoided had the data submitted to MarAd been available to the Council, NMFS, and the State of Alaska. Future costs of analyzing ownership information could be reduced if the data collected by MarAd, United States Coast Guard, NMFS, and the State of Alaska could be linked more easily.

As stated earlier, catcher vessel owners have provided Northern Economics with ownership information on all 112 AFA catcher vessels. The data were collected between June and October of 2001, and can be used to determine ownership changes that have taken place from January 1999 through October 2001. Of the 112 vessels surveyed, 41 have reported ownership changes since the beginning of 1999¹. Northern Economics has estimated² that 33 ownership changes seem to have been motivated by the new AFA regulations. The remaining 8 ownership changes would have likely taken place with or without implementation of the AFA.

The 33 ownership changes that are being attributed to the AFA have been divided into three basic categories. Those categories are ownership changes as a result of changes in profitability of the vessels, changes in U.S. ownership requirements under the AFA, and individual harvest limits included in the AFA.

The first category is ownership changes that have occurred because the AFA appears to enhance the profitability of the qualified vessels. Nineteen transactions³ were included in this category. Since the AFA qualified vessels and not persons for an allocation, persons wishing to enter the BSAI pollock fishery, or increase their participation in the fishery, must purchase a qualified vessel. This makes the qualified vessels more desirable because they are linked to pollock allocations which allow a person to participate in the BSAI pollock fishery with a guaranteed percentage of the harvest. Those harvest rights then allow the owner of the vessel to operate in a manner that can reduce costs and/or deliver a better quality product relative to harvests under a race for fish. Either of those outcomes would tend to increase the profitability of the vessel.

The second category is ownership changes that were made to meet the new 75% U.S. ownership provision included as an integral part of the AFA. Six ownership transactions were assigned to this category. These vessels would have met the 50% U.S. ownership requirement that was in place before the AFA was implemented, but not the 75% requirement imposed by the AFA. Therefore to continue operating in U.S. fisheries, the percentage of U.S. ownership had to be increased to a minimum of 75%. This does not include the 24 vessels that have applied for an exemption to the 75% ownership requirement under various treaties the U.S. has with other nations.

The third category is ownership in entities owning vessels that are allocated an amount of pollock that would exceed the AFA harvest caps imposed on the BSAI pollock fleet. Eight ownership transactions were assigned to this category. These vessels would need to be sold to an entity that was within the bounds of the harvest caps, by an entity that would have exceeded the caps if they had harvested the quota assigned to the vessel. Therefore, so that all of the quota assigned to the vessels could be harvested the owner had to divest themselves of one or more vessels.

Because transaction information is not available for years prior to the implementation of the AFA, we cannot provide a comparison of the number of transactions in other years. We do estimate that eight transactions

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The AFA went into effect in 1999. That was the first year of the catcher/processor cooperatives and the new pollock allocations. The inshore and mothership sectors first formed cooperatives in 2000. The new 75% U.S. ownership requirements were implemented in 2001.

²The questionnaire did not specifically ask if the ownership changes were a result of AFA regulations. Northern Economics has made educated guesses based on their understanding of the fishery and the fishery participants. Some of the transactions were easily placed in a category, others were less intuitive.

³Several transactions may have resulted from a single sale when multiple vessels were purchased at the same time.

would have taken place with or without the AFA. There may have also been other transactions that would have occurred without the AFA being in place. For example, it is conceivable that some other vessels would have been forced to sell for economic reasons if the fishery had not been rationalized and profitability increased. It is not possible to make an educated guess at the number of transfers that were averted.

Salmon Bycatch

Information on salmon bycatch had been reported as a combined total for catcher vessels and catcher/processors in the prior draft. This version of the report separates out the salmon bycatch by catcher vessels and catcher/processors. The new Table 2.2.-1 from the report is provided below:

Table 2.2-1: Salmon bycatch in the BSAI pollock target fishery

Year	Harvest Vessel	Groundfish (mt)	Chinook		Other Salmon	
			# of Fish	Rate (mt/#)	# of Fish	Rate (mt/#)
1998	CV	637,445	42,269	0.06631	55,923	0.0877
	CP	384,932	9,054	0.02352	8,119	0.0211
	Total	1,022,378	51,322	0.05020	64,042	0.0626
1999	CV	538,361	6,251	0.01161	42,299	0.0786
	CP	319,362	4,131	0.01293	2,312	0.0072
	Total	857,723	10,381	0.01210	44,610	0.0520
2000	CV	590,536	1,720	0.00291	51,937	0.0880
	C/P	399,421	2,522	0.00631	4,930	0.0123
	Total	989,957	4,242	0.00429	56,867	0.0574

Source: NMFS weekly bycatch data (1998-2000)

Harvest of Non-AFA Trawl Catcher/Processors

The tables in Appendix III have been corrected. It was pointed out by members of industry that the tables provided in the earlier draft may be incorrect. The tables were reviewed and new tables were developed to replace the old ones. The new tables can be found in Appendix III of the revised draft. Readers are cautioned that the Non-AFA fleet includes the H&G vessels as well as other trawl catcher/processors that did not qualify for the AFA.

Spillover Impacts

The language in one section of the spillover discussion in the original draft was modified. That section now reads

“...Members of the H&G industry remain concerned that additional effort in the flatfish fisheries, yellowfin sole for example, will increase production of those species to a point where the market will be saturated⁴ and the price will drop to a level that will not sustain their fleet. The relation between quantity and first wholesale prices cannot be estimated with data that are currently available, therefore it is not possible to document the validity of those concerns in a quantitative manner. The members of this fleet are thought to operate on relatively small profit margins. Minimal decreases in first wholesale price may completely eliminate any profits they are generating in the fishery. Decreases in prices would be expected if their markets are as sensitive to increases in quantity as they reported in the past.”

Previously that section had read.

“...Members of the H&G industry remain concerned that additional effort in the flatfish fisheries, yellowfin sole for example, will increase production of those species to a point where the market will be saturated and the price will drop to a level that will not sustain their fleet. While the relation between quantity and first wholesale prices cannot be estimated with data that are available, those concerns may well be valid. The members of this fleet are thought to operate on relatively small profit margins. Minimal decreases in first wholesale price may completely eliminate any profits they are generating in the fishery. Decreases in prices would be expected if their markets are as sensitive to increases in quantity as they reported in the past.”

⁴Some members of the H&G sector have indicated in public comment that this could occur even when the entire TAC is not harvested, as has been the case for yellowfin sole.

2001 Chum Salmon Bycatch Avoidance Program

In 2001 all ten AFA cooperatives, catcher vessel and catcher/processors alike, entered into the Salmon Bycatch Management Agreement with the purpose of reducing chum salmon bycatch in the Bering Sea C/D pollock fishery. (A copy of the Agreement is attached to the 2001 CV Intercoop Report.) The agreement allows the AFA fleet to monitor and manage its bycatch in two regions of the Bering Sea, one northwest and another southeast of the Pribilof Islands. Each week, when triggered, the equivalent of one ADF&G Stat Area block (30 minutes of latitude by one degree of longitude) in each region was subjected to a "Savings Closure". (A single stat area equals approximately 1,000 square miles.)

Coops were categorized into one of three bycatch tiers based on the aggregate of their member vessels' season-to-date salmon bycatch (by number of salmon) applied against their season-to-date pollock harvest (in metric tons). A coop's tier status was updated weekly and dictated their access to the following week's Savings Closure areas. Coops in Tier One, those with lower bycatch rates were allowed to fish unrestricted by the Savings Closures. Coops in Tier Two, those with mid-range bycatch rates, were allowed into a Savings Closure four days after the initial closure announcement. Coops assigned to Tier Three, those with higher rates, were shut out of Savings Closure areas for one week.

The development of the three tiers first required a "Base Rate" be established. The formula for the Base Rate used a numerator of 42,000 (the trigger established by the NPFMC for implementing an extended closure of the Chum Salmon Savings Area) and a denominator of the average C/D season TAC ('B' season for 1995-1998), less CDQ and ICA reserves, for the last seven years.

Base Rate Calculation

Other Salmon	7 Year Average of Non-roe Season TACs	Base Rate (Salmon / 7 year avrg. TAC)
42,000	584,843	0.0718

The three tier levels are set by establishing thresholds 25% above and 25% below the Base Rate.

Tier Threshold Calculation

Base Rate	Base Rate Less 25%	Base Rate Plus 25%
0.072	0.054	0.090

Coop Tier Thresholds

Tier One Coops	Tier Two Coops		Tier Three Coops
Coop Bycatch Rate = or <:	Coop Bycatch Rate >:	Coop Bycatch Rate <:	Coop Bycatch Rate = or >:
0.054	0.054	0.090	0.090

To provide the Program Monitor, Sea State, Inc. with as close to real time information as possible, the coops were required to submit tow-by-tow information (set and haul position, haul duration, catch, and bycatch) from the fishing grounds. In the event of extremely high bycatch, vessels are required to provide the entire AFA fleet with an immediate report of the “hot-spot”.

The fishing fleet’s participation in both the reporting and avoidance of high bycatch areas was very successful. The “policing” of the weekly Savings Closures was left to the fleet and also was checked by VMS observations. No violations of the restricted areas were reported, in fact in most cases fishermen had already left the high bycatch areas before the closure deadline. This is a result of the fleet’s increased daily vessel-to-vessel communication and the overall awareness of bycatch avoidance brought about by the creation of the program.

Providing a “proof positive” result of the salmon program is a very difficult task because reporting fish that are caught is much easier than fish that are not. However, the best initial case for the success of the 2001 program is made by the season’s average bycatch rate of .062 chum salmon for each ton of pollock harvest. With the exception of 1995, which was an extremely low bycatch year, the 2001 C/D season is the lowest of the past eight non-roe seasons. Table 2.3 summarizes the chum salmon bycatch rates for these seasons.

Table 2.3

Data Source: Sea State, Inc.

YEAR	NON-ROE SEASON CHUM BYCATCH	POLLOCK HARVEST	CHUM BYCATCH RATE
1994	75,816	600,907	0.126
1995	14,242	568,279	0.025
1996	72,200	538,936	0.134
1997	60,841	531,146	0.115
1998	58,934	511,767	0.115
1999	44,238	509,625	0.087
2000	56,616	587,862	0.096
2001	50,887	814,247	0.062

2002 CHINOOK SALMON BYCATCH REDUCTION PROGRAM

Background.

In 2001 NMFS implemented a new chinook salmon regulation aimed at reducing chinook bycatch in the directed pollock fishery. The new regulation reduces the Chinook Salmon Savings Area trigger amount from 48,000 to 29,000 chinooks over a four-year period, counts salmon taken as bycatch in the directed pollock fishery on a year-round basis, revises the boundaries of the Chinook Salmon Savings Area (CHSSA), and establishes new CHSSA closure dates.

The four-year reduction in the CHSSA trigger amount is:

2001.....41,000
2002.....37,000
2003.....33,000
2004 and beyond.... 29,000

Only chinook salmon taken as bycatch in the directed pollock fisheries are counted towards the trigger amount. Chinook bycatch taken in other Bering Sea trawl fisheries does not count towards the trigger amount. Consequently, a CHSSA closure applies only to directed pollock fishing and all other groundfish fisheries are exempt from the closure. The CHSSA is composed of two areas, one in the Horseshoe area of the Bering Sea and the other in the eastern most portion of the Aleutian Islands. Straight lines connecting the following coordinates define the Bering Sea area:

- | | |
|----------------------------|----------------------------|
| 1. 56° 00' N., 165° 00' W. | 2. 56° 00' N., 164° 00' W. |
| 3. 55° 00' N., 165° 00' W. | 4. 55° 00' N., 165° 00' W. |
| 5. 54° 30' N., 165° 00' W. | 6. 54° 30' N., 167° 00' W. |
| 7. 55° 30' N., 167° 00' W. | 8. 55° 30' N., 165° 00' W. |
| 9. 56° 00' N., 165° 00' W. | |

Straight lines connecting the following coordinates define the Aleutian Island area:

- | | |
|----------------------------|----------------------------|
| 1. 54° 00' N., 171° 00' W. | 2. 54° 00' N., 170° 00' W. |
| 3. 53° 00' N., 170° 00' W. | 3. 53° 00' N., 171° 00' W. |
| 5. 54° 00' N., 171° 00' W. | |

The Council determined that chinook bycatch is highest prior to April 15 and after September 1st. Consequently, if the CHSSA trigger amount were caught the areas would close only prior to April 15 and/or after Sept. 1st.

Additionally, Governor Knowles has requested the Council and the Bering Sea pollock industry to take additional measures towards reducing both chinook and chum salmon bycatch. Declines in salmon returns to Western Alaska's rivers have led to Governor Knowles proclaiming a "state of disaster" in the summer of 2000 for the region. The Governor continued in 2001 with a second declaration of disaster for the region.

Recent History of Chinook Bycatch

During the years 1993-2001, chinook bycatch in the pollock fishery ranged from 8,126 in 1995 to a high of 50,652 in 1998. Typically the highest A season rates have occurred between the start of the season and mid February. However, chinook bycatch has occasionally continued to be substantial through February. Unfortunately, as seasons typically closed in mid to late February before coops were implemented, we have little data concerning the bycatch rates related to fishing activity after late February.

B season fishing has typically had a very low chinook bycatch rate before September 1. As the Council's research suggested chinook bycatch does increase after September 1, but does not typically reach substantial levels until October. In almost all years that the fishery extended into October the chinook bycatch rate has risen rapidly by the end of the first week of the month and continue rising till the end of B season. Often chinook bycatch rates in late October exceed all but the highest A season rates.

The following table compares the historic chinook bycatch from 1993 through 2001 to the declining CHSSA trigger amounts.

Chinook Salmon Regulation Triggers

Year	Trigger	Years The Trigger Would Have Been Exceeded, 1993 - 2001	X of 9 years over Trigger
2002	37,000	1996, 1997, 1998	3 of 9
2003	33,000	1993, 1996, 1997, 1998	4 of 9
2004+	29,000	1993, 1994, 1996*, 1997, 1998, 2001	6 of 9

*1996 would have triggered the Chinook Closure Area beginning in the A season, all other years would have triggered in the fall.

Chinook Bycatch Reduction Program Overview

Many of the elements in the chinook program are based on our experience with the 2001 chum program. The primary difference is the elimination of the three-tier system and enforced weekly closures.

The tier system governs access to bycatch closure areas by coop performance. Coops with the lowest bycatch rates (tier 1 coops) are not precluded from fishing in bycatch closure areas, as long as they maintain their low bycatch rates. Coops with higher salmon bycatch rates (tier 2 and tier 3 coops) are precluded from fishing in bycatch closure areas for 4 and 7 days, respectively. All coops begin the season with full access to all the fishing grounds. It takes some time each season for coops to develop the catch history that determines their "tier" classification, which in turn affects their access to bycatch closure areas. Because the A season is short in duration, it is unlikely that even coops with high bycatch rates would develop a tier status before the season's end that would constrain them from fishing in bycatch closure areas. Consequently, the only purpose a tier system is likely to serve in the A season is to create a "peer pressure" incentive to

reduce bycatch. To promote conscientious behavior on the part of every vessel, a weekly "Dirty 20 List" has been substituted for the tier system.

In place of the weekly area closures are hot spot announcements that will provide the fleet with information on a timelier basis than weekly reports. The hot spot reports will be broadcast as necessary, as many as three times each week. Additionally, the Program Monitor (Sea State, Inc.) and Manager (United Catcher Boats) will make "Avoidance Area Advisories" to the fleet if an area can be identified as having high bycatch on a regular basis. Rather than close ADF&G Stat Areas (as with the chum program), the Monitor and Manager will advise the fleet to voluntarily avoid more generally defined areas (the Advisory Areas) designed by the Monitor and Manager to reduce salmon bycatch while maintaining the fleet's access to clean fishing grounds.

Chinook Salmon Bycatch Program Agreement
for the 2002 Bering Sea Pollock Fishery

The CHINOOK SALMON BYCATCH MANAGEMENT AGREEMENT is entered into by and among the POLLOCK CONSERVATION COOPERATIVE ("PCC"), the HIGH SEAS CATCHERS COOPERATIVE ("HSCC"), the MOTHERSHIP FLEET COOPERATIVE ("MFC"), and the "Inshore Coops", i.e., AKUTAN CATCHER VESSEL ASSOCIATION, ARCTIC ENTERPRISE ASSOCIATION, NORTHERN VICTOR FLEET COOPERATIVE, PETER PAN FLEET COOPERATIVE, UNALASKA FLEET COOPERATIVE, UNISEA FLEET COOPERATIVE, and WESTWARD FLEET COOPERATIVE, as of _____, 2002. PCC, HSCC, MFC, and the Inshore Coops are collectively referred to as the "Coops".

1. **Data Gathering, Analysis, and Reporting.** The Coops agree to retain Sea State, Inc. to provide data gathering, analysis, and reporting services necessary to implementing this Chinook Salmon Management Agreement for the duration of the 2002 BSAI pollock "A" season.
2. **Hot Spot Reporting.** Sea State will provide timely hot spot reporting to the Coops by chart and text messaging via e-mail and/or Standard C. The reports may also include a summary of observations regarding bycatch characteristics, trends, and/or fishing behaviors that may be having an effect on bycatch rates. This additional information will include, but are not limited to, depth and temperature data when reliably available.
3. **Avoidance Area Advisories.** Sea State will notify the Coops if and when the bycatch rate of an area is identified by Sea State and the catcher vessel Intercoop Manager to be at or above an unacceptable level on a regular basis. The size and shape of the recommended closure area are left to the discretion of Sea State and the catcher vessel Intercoop Manager. The Coops agree to encourage their members to avoid any such areas as identified by Sea State and the Intercoop Manager.
4. **Dirty 20 List.** On a weekly basis Sea State will calculate and distribute to the Coops a list of 20 vessels in the directed pollock fishery with the highest bycatch rate for the previous fishing week.
5. **Vessel Reporting.** The Coops acknowledge that the effectiveness of the bycatch management regime set forth in items 1 through 4 above, depends on gathering, analyzing and disseminating accurate chinook salmon bycatch data rapidly. The Coops therefore agree as follows:
 - a. Each Coop shall require its members' vessels to exercise all commercially reasonable efforts to report each directed pollock trawl tow location to Sea State within 24 hours, together with a salmon bycatch estimate. PCC shall

arrange to have its members' vessels' observer reports concerning salmon bycatch transmitted to Sea State. MFC and High Seas shall arrange to have the pollock amounts and salmon counts for their members' vessels reported to Sea State by the processing vessels to which their members' vessels deliver. All Coops other than PCC, MFC and High Seas shall arrange for their vessels to report the crew's best estimate of the amount of pollock and the number of salmon in the tow when reporting its location.

- b. Each Inshore Coop shall develop its own methods and means to accurately calculate (when feasible) or estimate the amount of pollock and the number of salmon contained in each directed pollock tow by its members' vessels, and to rapidly and accurately report that information to Sea State.
6. This Agreement shall take effect upon execution by all the Coops. This Agreement will expire on June 10, 2002.
7. Miscellaneous:
- a. No amendment to this Agreement shall be effective against a party hereto unless in writing and duly executed by such party. The parties agree to amend this Agreement as reasonably necessary to conform with changes in law or circumstances.
 - b. This Agreement shall be governed by and construed in accordance with applicable federal law and the laws of the State of Washington.
 - c. This Agreement may be executed in counterparts which, when taken together, shall have the same effect as a fully executed original. Delivery of a signed copy of this Agreement by telefacsimile shall have the same effect as delivering a signed original.
 - d. The parties agree to execute any documents necessary or convenient to give effect to the intents and purposes of this Agreement.
 - e. All notices required to be given under this Agreement shall be deemed given five (5) days following deposit in certified first class U.S. mail, postage prepaid, with the correct address, or upon the first business day following confirmed telefacsimile or e-mail transmission to the recipient. Each Coop agrees to provide the name, postal address, telefacsimile number and e-mail address of its duly authorized representative(s) for purposes of receiving notices under this Agreement within three (3) days of executing this Agreement.
 - f. In the event that any provision of this Agreement is held to be invalid or unenforceable, such provision shall be deemed to be severed from this Agreement, and such holding shall not affect in any respect whatsoever the validity of the remainder of this Agreement.

g. Each Coop agrees to use its best efforts to resolve any disputes arising under this Agreement through direct negotiations. All disputes not resolved through direct negotiation and/or dispute resolution will be submitted to arbitration in Seattle, Washington upon the request of any party to this Agreement. The party's written request will include the name of the arbitrator selected by the party requesting arbitration. The other party will have ten (10) days to provide written notice of the name of the arbitrator it has selected, if any. If the other party timely selects a second arbitrator, the two arbitrators will select a third arbitrator within ten (10) days. If the other party does not timely select the second arbitrator, there shall be only the one arbitrator. The single arbitrator or the three (3) arbitrators so selected will schedule the arbitration hearing as soon as possible thereafter. Every arbitrator, however chosen, must have no material ties to any Coop or Coop member. The decision of the arbitrator (or in the case of a three (3) arbitrator panel, the decision of the majority) will be final and binding. The arbitration will be conducted under the rules of (but not by) the American Arbitration Association. The parties will be entitled to limited discovery as determined by the arbitrator(s) in its or their sole discretion. The arbitrator(s) will also determine the "prevailing party" and that party will be entitled to its reasonable costs, fees and expenses, including attorneys' and arbitrator fees, incurred in the action by said party. In no event will arbitration be available pursuant to this paragraph after the date when commencement of such legal or equitable proceedings based on such claim, dispute, or other matter in question would be barred by the applicable statute of limitations.

Entered into as of the date first set forth above.

HIGH SEAS CATCHERS COOPERATIVE

By Donna Parker
Its alt. delegate

MOTHERSHIP FLEET COOPERATIVE

By J. Lin D.
Its President

AKUTAN CATCHER VESSEL
ASSOCIATION

By James E. McManus
Its Pres

ARCTIC ENTERPRISE ASSOCIATION

By James E. McManus
Its Pres

NORTHERN VICTOR FLEET
COOPERATIVE

By [Signature]
Its PRESIDENT

PETER PAN FLEET COOPERATIVE

By [Signature]
Its president

UNAIASKA FLEET COOPERATIVE

By [Signature]
Its Vice Pres.

UNISEA FLEET COOPERATIVE

By [Signature]
Its President

WESTWARD FLEET COOPERATIVE

By [Signature]
Its ALTERNATE

POLLOCK CONSERVATION
COOPERATIVE

By David Benson
Its Pres.

*BoF
Co-op Rpts.*

AFA POLLOCK COOPERATIVE'S 2001

SALMON BYCATCH MANAGEMENT AGREEMENT

- **A Bycatch Reduction Program that involves fishermen with the operation and development of the program rather than requiring fishermen to react to a bycatch regulation.**

- **Creates two Chum salmon management regions in the Bering Sea**
 - **Weekly "Savings Closure" triggered independently for each region**

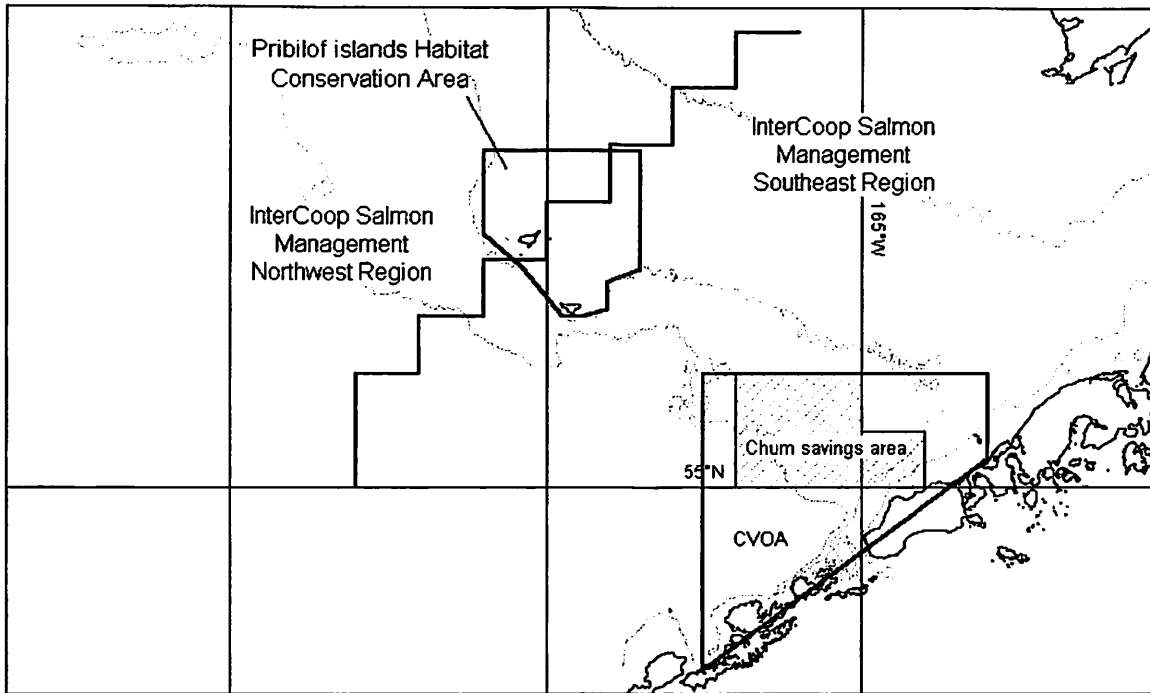
- **Provides weekly bycatch reports for all ADF&G Stat areas of the Bering Sea to help captains avoid areas of potentially high bycatch.**

- **Requires vessels that experience an incident of high salmon bycatch to provide a fleet wide notification of the "hot spot".**
 - **Development of a Daily On-Grounds Reporting System for the Inshore Sector.**

Intercoop chum management program mechanics

- **All pollock coops – catcher processors, mothership catchers, shoreside catchers– participate**
- **All sectors report bycatch at sea as soon as possible, through observer program (C/Ps and motherships) or VMS and/or coop managers (shoreside C/Vs)**
- **Cumulative bycatch rates for each coop are calculated weekly based on at-sea and shoreside observer data. Rates are the basis for determining closed areas, and length of time that each coop must stay out of closed areas.**
- **Closure areas updated and announced each Thursday by 6:00 pm, closures effective Friday at 6:00 pm, and extend for 7 days.**
- **If bycatch is above thresholds, ADFG stat areas are closed in both southeast and northwest sections of the IC bycatch management areas**
- **All coops are assigned to one of 3 tiers.**
 - **Tier 1- low bycatch - Exempt from closures**
 - **Tier 2 – medium bycatch – 4 day closure**
 - **Tier 3 – High bycatch – 7 day closure**
- **Low and medium bycatch tiers provide bycatch information from closure areas.**

Intercoop chum bycatch management areas



Results – Closures by week

Date	SE closure	NW closure*
6/28/01		715630/725630
7/5/01		715630/725630
7/12/01		705600/715600
7/19/01		
7/26/01		
8/2/01		
8/9/01		
8/16/01	645530	
8/23/01	645530	
8/30/01	665430	
9/6/01	655500	745900
9/13/01	655500	755830/765830
9/20/01	655500	
9/27/01	655500	735700
10/4/01	655500	735800/745800
10/11/01	655500	715630
10/18/01	715630	685600
10/25/01		705600

* When at-sea reporting is deemed accurate enough, two half-areas may be closed

Sample IC bycatch report from 10/11/01

WEEKLY SALMON BYCATCH UPDATE - For Week Ending 10/10/01					
Coop	Bycatch Rate	Coop Tier Status	Savings Closure Start Date (1800 Hrs.)	Savings Closure End Date (1800 Hrs.)	Number of Closure Days
Akutan Coop	0.061	2	10/12/01	10/16/01	4
Arctic Coop	0.043	1	10/12/01	10/16/01	0
Mothership Coop	0.132	3	10/12/01	10/19/01	7
Northern Victor Coop	0.071	2	10/12/01	10/16/01	4
Peter Pan Coop	0.049	1	NA	NA	0
Pollock Cons. Coop	0.029	1	NA	NA	0
Unalaska Coop	0.079	2	10/12/01	10/16/01	4
UniSea Coop	0.054	2	10/12/01	10/16/01	4
Westward Coop	0.052	1	NA	NA	0

Tier 1: Less than .054 salmon per mt. Not affected by closures

Tier 2: Greater than .054 but less than .090 salmon per mt. Subject to 4 day closure.

Tier 3: Greater than .090 salmon per mt. Subject to 7 day closure.

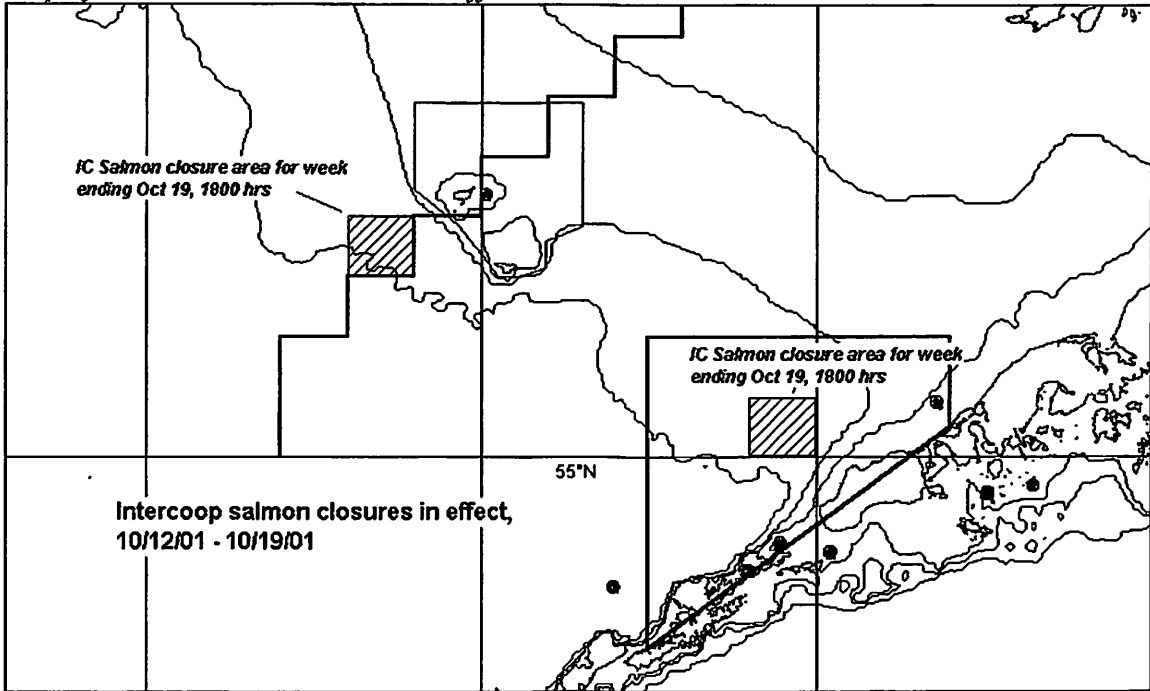
Savings Closures for 10/11/01 – 10/18/01:

<u>Closure Area SE</u>	55 00 N	55 30 N
655500	165 00 W	166 00 W
<u>Closure Area NW</u>	56 30 N	57 00 N
715630	171 00 W	172 00 W

Bycatch rates by ADFG stat area for the week ending midnight 10/10/01.

Previous Week Bycatch Rates			
Stat Area	Rate	Stat Area	Rate
605431	0.000	665630	1.134
605531	0.000	675630	0.170
615508	0.066	685630	0.096
645331	0.124	69560	0.024
645332	0.065	70560	0.066
645500	0.356	705630	0.000
655330	0.043	71560	0.100
655409	0.034	715630	0.170
655410	0.018		
655430	0.099		
655500	1.520		
665430	0.033		

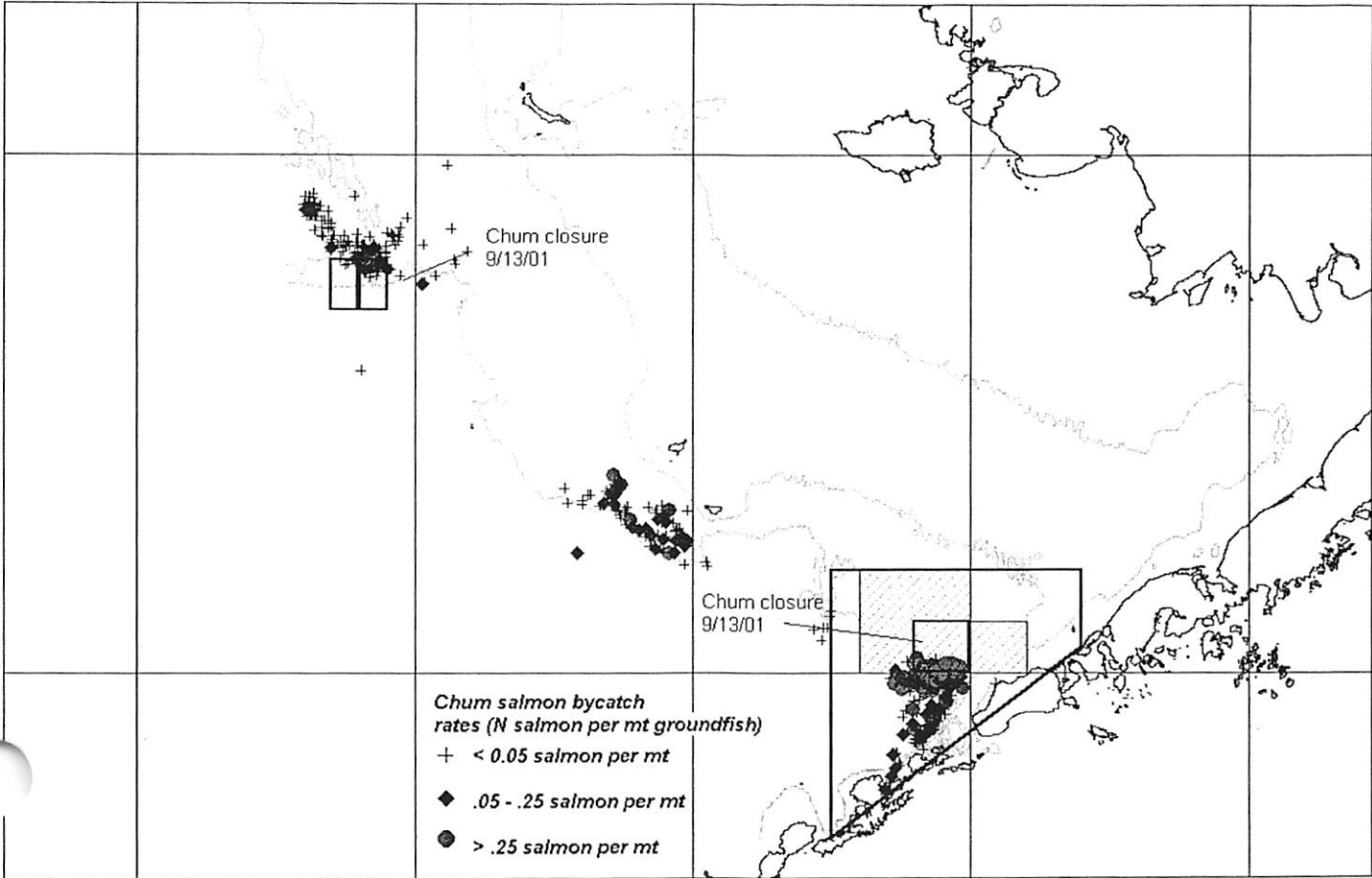
Map of IC salmon closure areas in effect 10/12/01 – 10/19/01



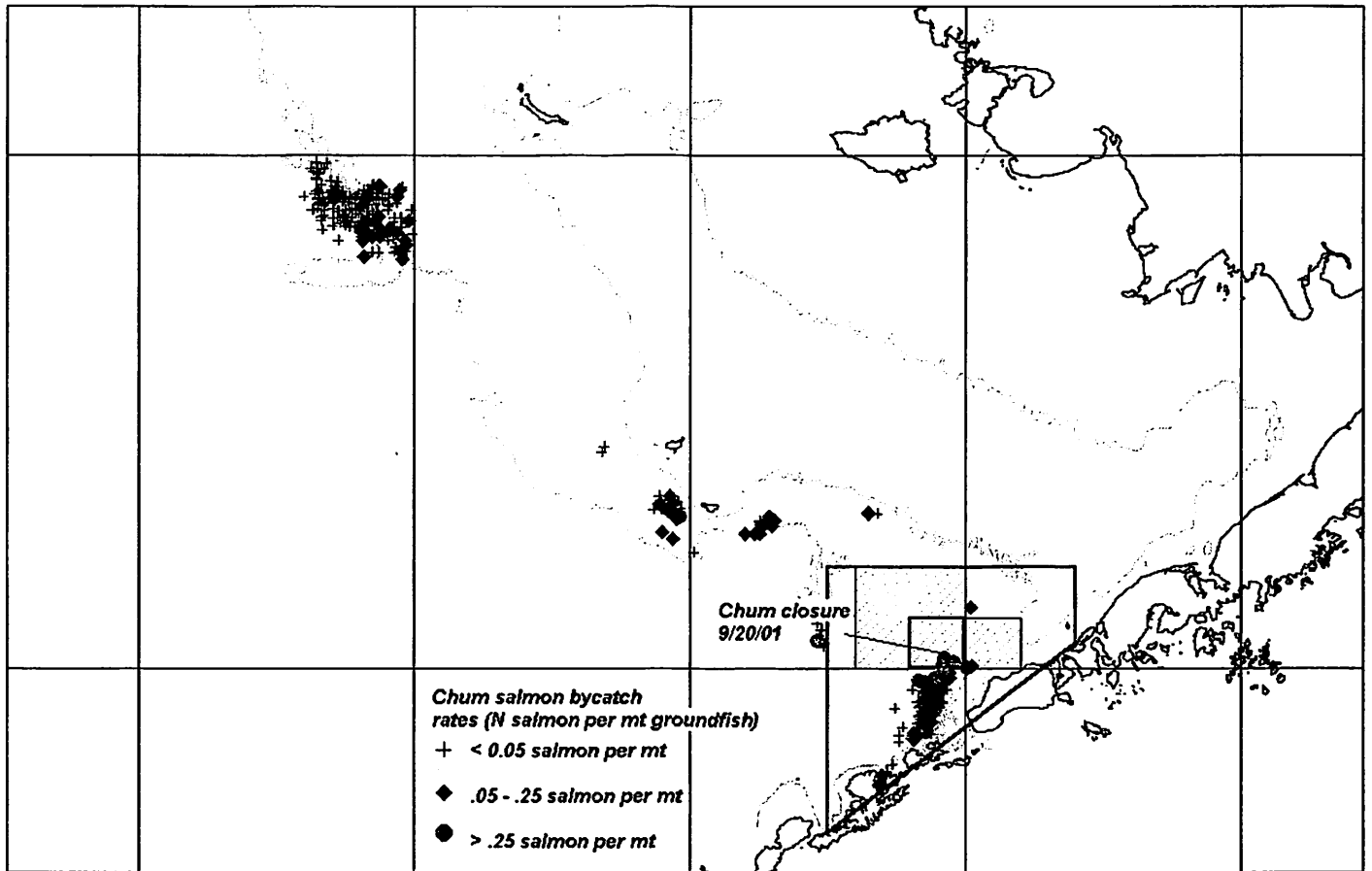
Results – Average CPUE of salmon (number of salmon caught per hour towing) of worst salmon hauls compared with overall season bycatch of chum salmon

Year	Average CPUE of salmon from worst 50 hauls	Pollock TAC	C/D Season chum catch	C/D Season chum bycatch rate (N/mt)
1995	30.52	1,250,000	16,317	0.025
1996	79.08	1,190,000	74,486	0.134
1997	63.89	1,130,000	62,859	0.115
1998	23.55	1,110,000	62,936	0.115
1999	10.89	992,000	44,587	0.081
2000	23.58	1,139,000	56,715	0.096
2001	82.07	1,400,000	52,973	0.062

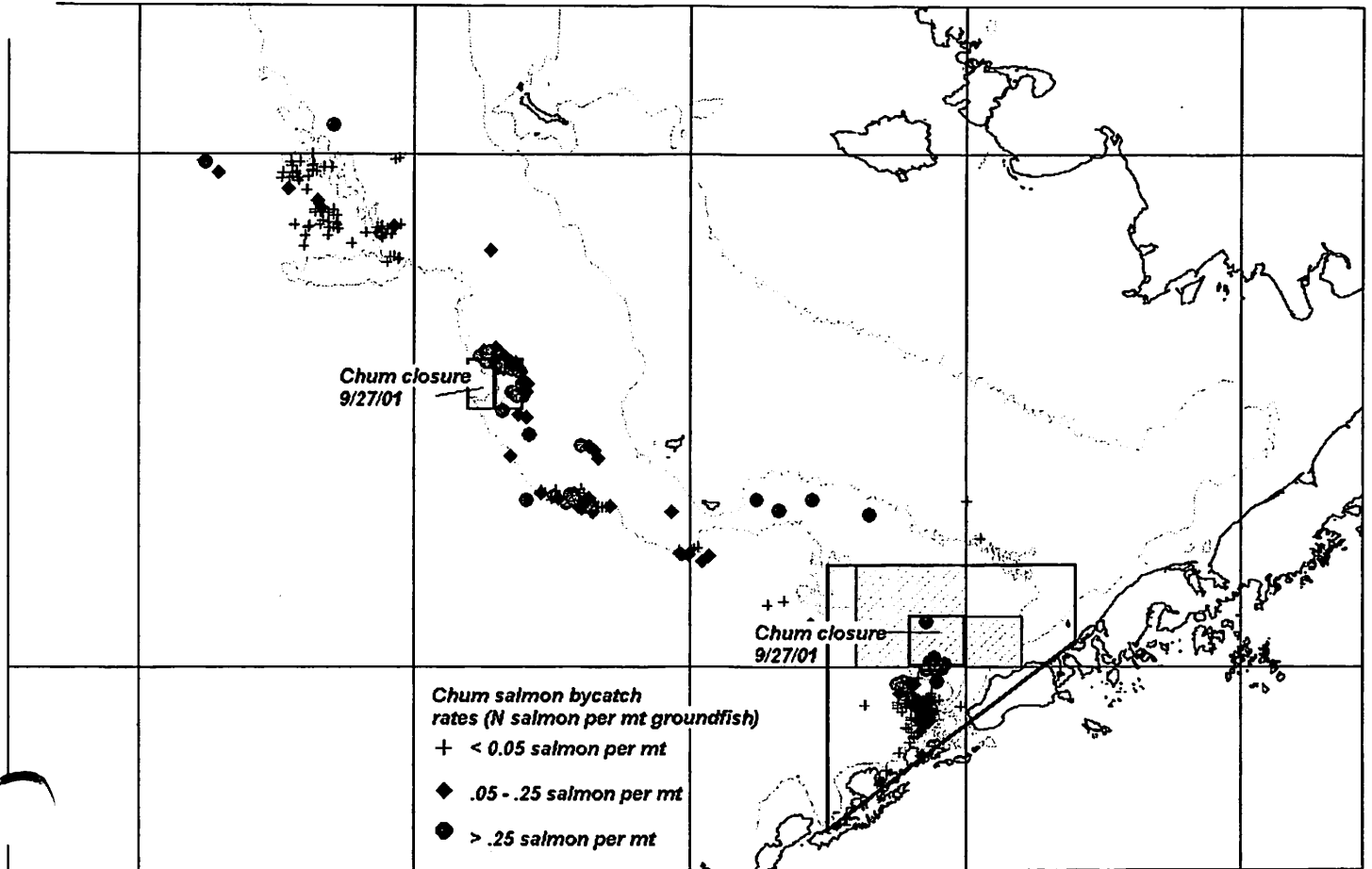
Chum bycatch rates and resulting closures for week ending 9/13/01



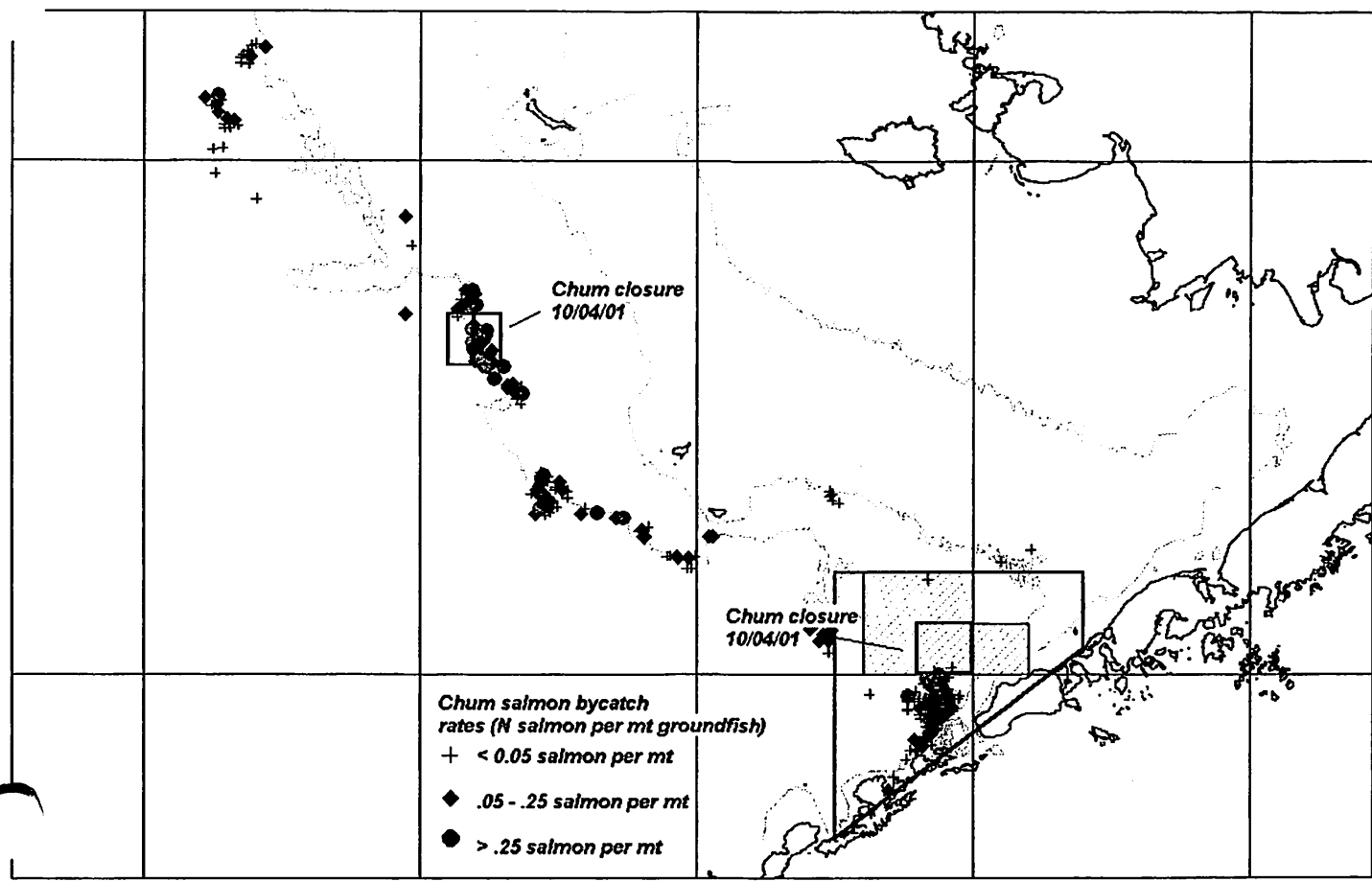
Chum bycatch rates and resulting closures for week ending 9/20/01



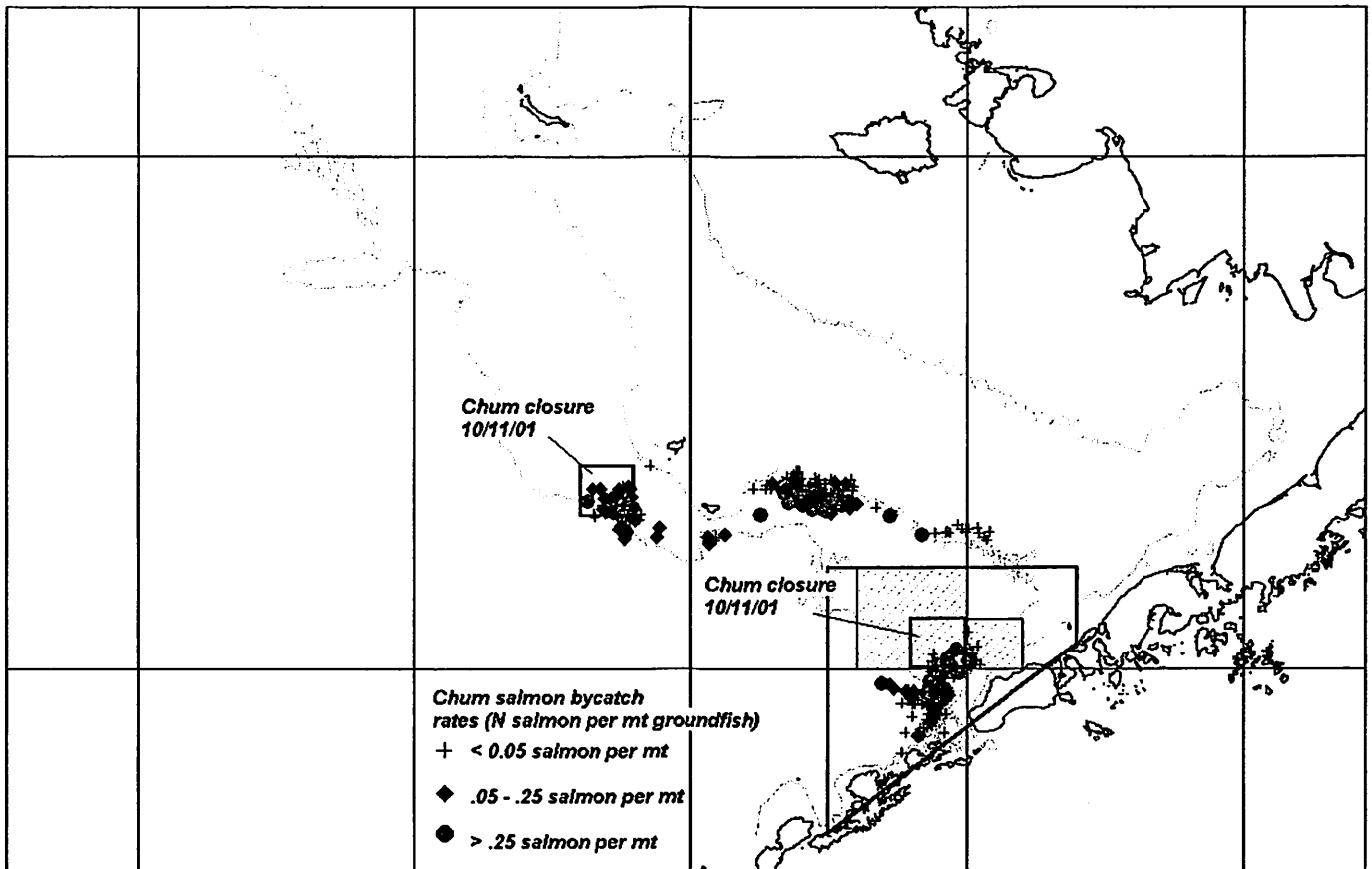
Chum bycatch rates and resulting closures for week ending 9/27/01



Chum bycatch rates and resulting closures for week ending 10/04/01



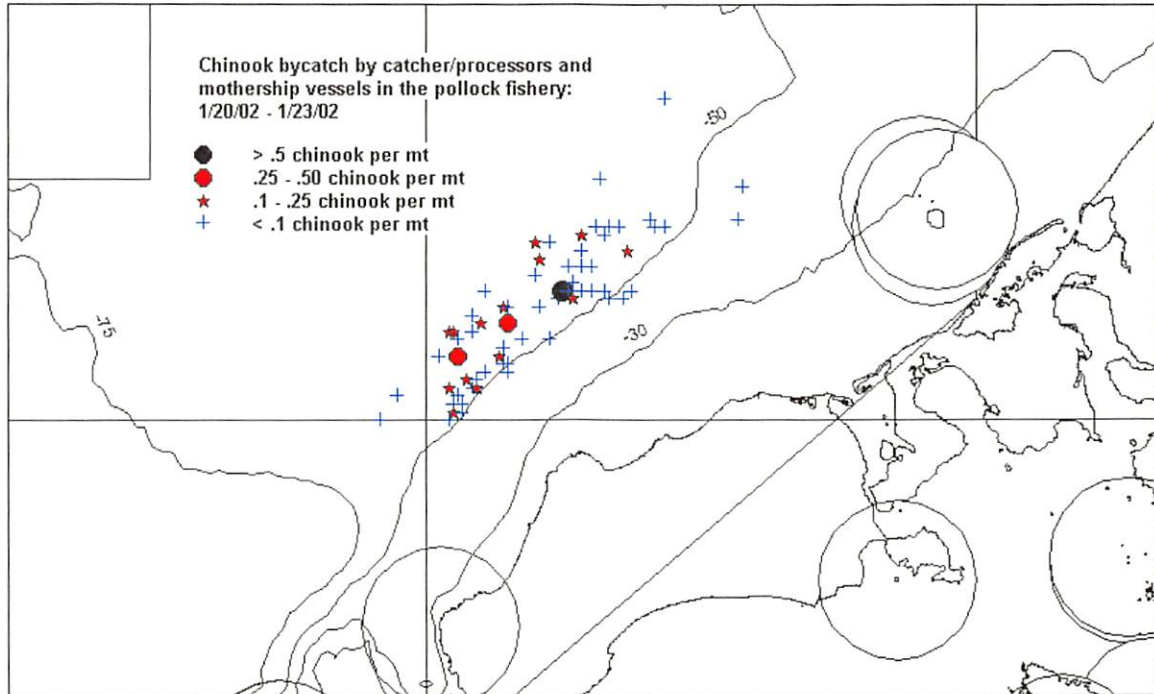
Chum bycatch rates and resulting closures for week ending 10/11/01



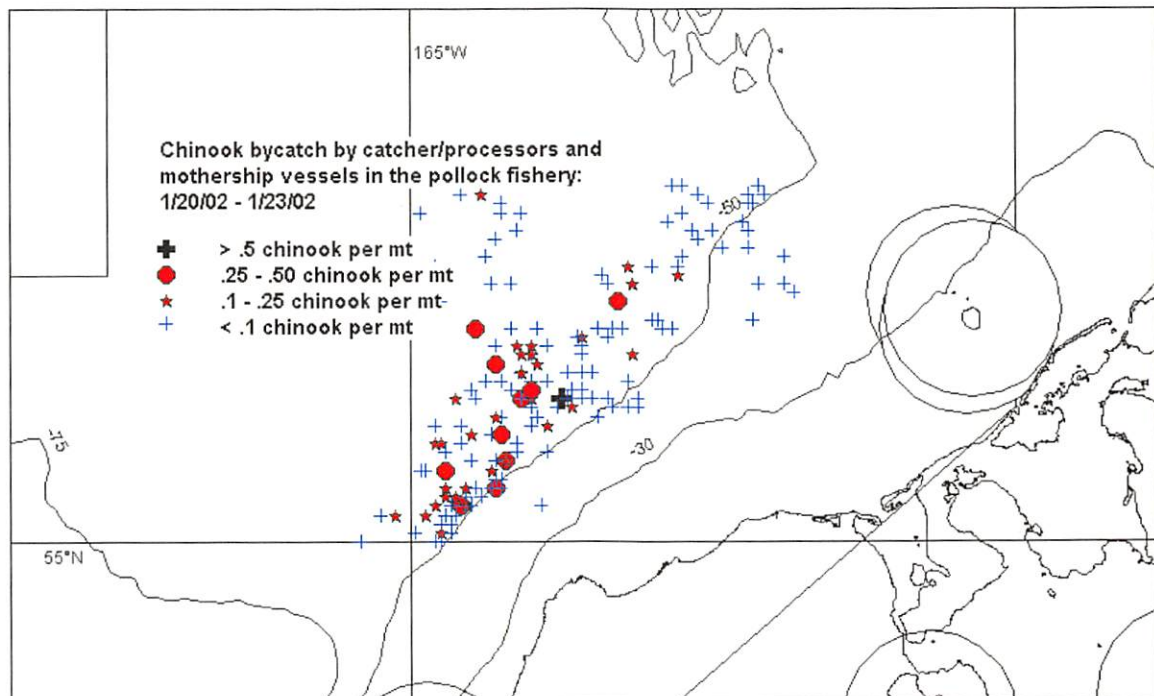
2002 CHINOOK PROGRAM HOT SPOTS

Jan. 23, Jan. 25, & Jan.29

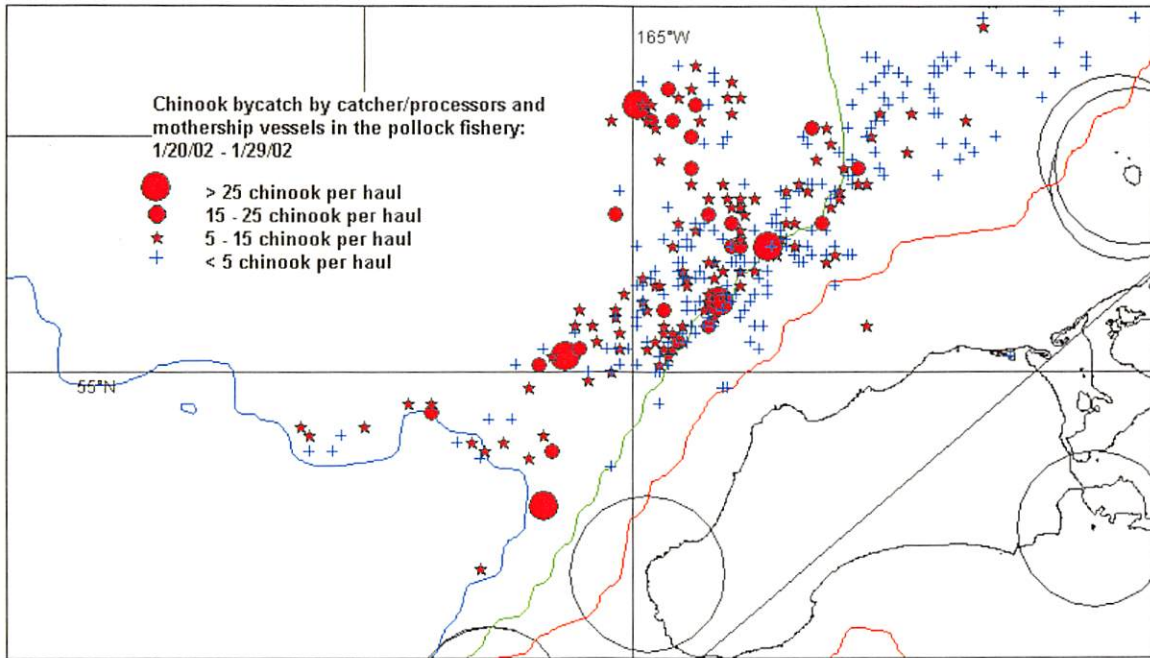
Hot Spot Chart, January 23, 2002



Hot Spot Chart, January 25, 2002



Hot Spot Chart, January 29, 2002



**Joint Report of the
Pollock Conservation Cooperative
and
High Seas Catchers' Cooperative
2001**

**Presented to the
North Pacific Fishery Management Council
January 31, 2002**

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Preface

General

The owners of catcher/processors and catcher vessels that deliver to catcher/processors in the Bering Sea and Aleutian Islands pollock fishery operated with fishery cooperatives for their third year in 2001, rather than race for fish. The cooperative for the catcher/processor owners is the Pollock Conservation Cooperative (PCC), and for catcher vessel owners it is the High Seas Catchers' Cooperative (HSCC). An agreement called the "Cooperative Agreement Between Offshore Pollock Catchers Cooperative and Pollock Conservation Cooperative" (Inter-cooperative Agreement) was renewed to facilitate efficient management and accurate accounting between the HSCC and PCC. This report is intended to satisfy 2001 reporting requirements for the PCC and HSCC. The catch data in this report was provided by Sea State, Inc., and was obtained from the National Marine Fisheries Service (NMFS)¹ and is based on reports from the North Pacific Observer Program.

Reporting Requirements

Fishing cooperatives formed in the directed pollock fishery are subject to certain annual reporting requirements under the AFA. Section 210(a)(1)(B) of the AFA requires the NPFMC and Secretary to "make available to the public in such 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 recommending that cooperatives annually prepare a report (a preliminary report due by December 1 and a final report due by January 31) containing: (1) allowed catch and bycatch in pollock and all sideboard species by whatever method is used to determine those allocations; (2) actual catch and bycatch in the directed pollock fishery by vessel, and in sideboard fisheries by whatever method is used to determine those sideboards; (3) methods used to monitor fisheries in which cooperative vessels participated; and (4) actions taken by cooperatives to enforce vessel or aggregate catches that exceeded allowed catch and bycatch in pollock and all sideboard fisheries.

¹ The NMFS database for the 2001 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.

Purpose of Report

This report is intended to fully disclose all information required or identified in the AFA, in the NMFS October 1999 recommendations to the Secretary of Commerce, and as further required by the NPFMC. The charts in the report are intended to be largely self-explanatory, though comments have been included with some of the charts to provide a more full perspective.

PCC Members and Allocations

The Pollock Conservation Cooperative (PCC) was formed in December 1998 in order to (among other things) promote the rational and orderly harvest of pollock by the catcher/processor sector of the Bering Sea and Aleutian Islands trawl fisheries off Alaska through the mutual cooperation of PCC members.

The PCC is made up of the eight companies that own 19 catcher/processors eligible under section 208(e)(1)-(20) of the AFA to harvest and process pollock in the directed pollock fishery. Under the PCC, each company is contractually allocated a percentage of the directed fishery catch specified under section 206(b) of the AFA. The following chart shows the percentage of the annual directed pollock fishery (DPF) that each PCC member has been allocated under the PCC:

	<u>% DPF²</u>	<u>% PCC</u>
Alaska Ocean Seafood, L.P.	3.004	≈8.21
American Seafoods Company	16.572	≈45.28
Arctic Fjord, Inc.	1.792	≈4.90
Arctic Storm, Inc.	1.841	≈5.03
Glacier Fish Company, L.L.C.	3.218	≈8.79
Highland Light Seafoods, L.L.C.	1.764	≈4.82
Starbound Ltd. Partnership	1.585	≈4.33
Trident Seafoods	<u>6.824</u>	<u>≈18.64</u>
Totals	<u>36.6³</u>	100.00

Some minor changes have occurred since the 2000 fishery and Cooperative Agreement. First, American Seafoods name was changed, by amendment, to the PCC agreement to American Seafoods

² Under sections 205(4) (definition) and 206 (allocations) of the American Fisheries Act, the 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.

³ Section 206(b)(2) of the American Fisheries Act allocates a total of 40 percent of the DPF to catcher/processors and 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.

Company, L.L.C. Also, the PCC agreement was amended to incorporate the monitoring and enforcement provisions of the inter-cooperative agreement on chum salmon bycatch.

Inter-Cooperative Agreement Between HSCC and PCC

On January 21, 1999, a cooperative agreement was entered into between the HSCC and PCC to facilitate efficient management and accurate accounting between the two cooperatives (see appendix; the "Cooperative Agreement Between Offshore Pollock Catchers Cooperative and Pollock Conservation Cooperative"). Under the Inter-Cooperative Agreement, the PCC and HSCC established a Joint Harvest Schedule and agreed to retain the same independent quota monitoring service. Among other purposes, the Inter-Cooperative Agreement facilitates the harvest and processing of the HSCC members' share of the DPF and the transfer of pollock allocations between members of the two cooperatives.

Inter-Cooperative Agreement on Salmon Bycatch Avoidance

During 2001 all BSAI pollock cooperatives voluntarily participated in an inter-cooperative (IC) "hot-spot" management program to control Other salmon (primarily chum salmon) bycatch. The program began on June 29 and was in effect for 18 weeks. The IC agreement included nine pollock cooperatives and approximately 120 catcher-processor, mothership, and catching-only vessels. Via pre-season agreement, vessels agreed to locate fishing away from areas of high bycatch performance by respecting closed areas. Closure areas were determined and re-evaluated weekly according to fishery-wide bycatch performance, and depending on fishery location and performance, there was every week the possibility that two areas, each approximately 1,000 square miles in size, could be closed. The IC program also included a requirement to report incidents of very high bycatch as well as penalties for fishing in those areas closed by the program. Anecdotal evidence from the grounds indicates that economic incentives to minimize bycatch created by the IC program catalyzed additional operational and behavioral changes not specifically mandated by the agreement. Some of these included: 1) shrinkage or elimination of short-wiring episodes, where previously caught pollock are held in the water at relatively shallow depths for varying periods of time; 2) more careful examination of sonar images of the grounds for signs of the presence of salmon; 3) increased among-vessel awareness and communication of bycatch performance, in particular as regards notable salmon kills that did not require reporting; and 4) voluntary location of fishing away from areas of high bycatch.

An important feature of the program was a three-tiered classification of pollock-cooperative Other-salmon bycatch performance. The bycatch-performance classification scheme provided incentives for cooperatives to maintain cumulative or continuous low bycatch throughout the fall season. These incentives took the form of exemptions or limitations to prior agreed-upon requirements for locating Pollock fishing away from areas of high fishery-wide Other salmon bycatch. In this regard, those cooperatives able to maintain very low cumulative bycatch performance were exempted from area closures. During 2001, the PCC-HSCC was one of only two cooperatives that was not required by the hot-spot program to locate fishing away from areas of high bycatch during any week.

Our preliminary analysis of the effectiveness of the IC program indicates that the program reduced Other salmon bycatch in the BSAI directed pollock fishery by 24,500 - 26,674 fish during the fall of 2001. The analysis also indicates that the IC program provided an additional, unexpected benefit — approximately 22,227 fewer Chinook-salmon kills may also be attributable to the 2001 Other-salmon program. A full report on the 2001 IC program will be provided to the Council in February 2002. During the 2002 pollock fishing seasons, it is anticipated that a modified version of the 2001 program will be implemented by the IC during the winter fishery to control Chinook salmon bycatch, and that during the fall fishery the IC will adopt a program very similar to that employed during 2001 to control Other salmon bycatch.

Monitoring and Enforcement

All data used in monitoring PCC pollock and non-pollock fishing was obtained from the NMFS observer program office. Information concerning the catch and bycatch of individual vessels is available on the NMFS password-protected web site 24 hours a day, and is generally accessible 20 minutes after transmission from the vessels. Sea State, Inc. is authorized by the PCC and its members to receive and process this observer data and report back to the members on the status of the harvest. Observer data are downloaded one or two times per day, processed to generate target catch and bycatch information, and then sent to a Sea State web site where company representatives can examine the data for their vessel or vessels.

Aboard the vessels, a direct weight reading from flow scales is taken for the total catch for each haul. The species composition of the catch is determined from observer sampling. Since two observers are required on AFA-eligible catcher processors in the groundfish fisheries, the number of unsampled hauls is very low. In 2001, 97.6 percent (6,614 of 6,779⁴) of the pollock hauls were sampled. For those hauls that were not sampled, species composition was determined as in the CDQ program, where species composition for an unsampled haul is presumed to be the same as the previous haul.

Once the catch and species composition is posted on the Sea State web site, it is available for review by vessel owners and representatives. Typically, either an operations manager or vessel operator checks into the site each day to make sure the vessel's harvest numbers are as expected. Companies with several vessels tended to have initial season allocations for each vessel in 2001, managing the vessels independently until late in the season. As has occurred in the past, inter- and intra-company transfers occurred later in the year to facilitate quota utilization. For example, if a vessel needed to offload and thereafter had only 150 metric tons of pollock left to harvest under the cooperative, that quota was likely shifted to another vessel to avoid the necessity of steaming back to the grounds for such a limited amount of fish.

No enforcement actions were taken by the PCC, as members complied with the provisions of the PCC Membership Agreement.

⁴ The total number of hauls is 6,883, however, some hauls did not have any catch due to various circumstances, such as the gear not being deployed correctly and being retrieved quickly. The 6,779 figure represents hauls in which there was some catch to be sampled.

Table 1. Cooperative allocations, transfers and 2001 Directed Pollock Harvest (in metric tons).

Coop.	Company	Vessel	Cooperative shares			2001 harvest		Catch vs. Allocation ⁵	
			Coop amount	2001 transfers	2001 allocation	Vessel harvest	Company total		
<i>PCC</i>	Alaska Ocean		36,496	0	36,496		35,833	-663	
	American		201,337	13,373	214,710		213,797	-913	
		American Dynasty				11,139			
		American Triumph				42,597			
		Northern Eagle				42,419			
		Northern Hawk				37,210			
		Northern Jaeger				40,399			
		Ocean Rover				40,033			
	Arctic Fjord		21,772	8,159	29,931		29,630	-301	
	Arctic Storm		22,367	12,049	34,416		34,087	-329	
	Glacier Fish Ltd.		39,096		39,096		39,062	-34	
		Northern Glacier				14,487			
		Pacific Glacier				24,575			
	Highland Light		21,431	5,837	27,268		27,268	0	
	Starbound Ltd.		19,257	6,283	25,540		25,296	-244	
	Trident Seafoods		82,906	(4,166)	78,740		78,260	-480	
		Island Ent.				40,134			
		Kodiak Ent.				38,126			
	<i>HSCC</i>	Forum Star		2,982	(2,982)	0		0	0
		American Chalngr.		3,847	(3,847)	0		0	0
Ocean Harvester			5,283	(5,283)	0		0	0	
Tracy Anne			5,671	(5,671)	0		0	0	
Neahkanie			8,159	(8,159)	0		0	0	
Sea Storm			10,049	(10,049)	0		0	0	
Muir Milach			5,544	(5,544)	0		0	0	
Totals			486,197	0	486,197		483,233	-2,965	

⁵ Negative numbers represent catch that is less than the allocation, and less than one percent of the pollock harvest was processed directly into meal.

Table 2. 2001 Directed Pollock Fishing: Catch and Bycatch.

		2001 harvest								
<i>Coop.</i>	<i>VesselName</i>	Pollock (mt)	Non Pollock Gfish (mt)	Halibut Mortality (mt)	Herring (mt)	King Crab (n)	Bairdi (n)	Other Tanner (n)	Chinook (n)	Other Salmon (n)
<i>PCC</i>	Alaska Ocean	35,833	518	4	1	7	13	19	682	1,419
	American Dynasty	11,139	201	2	0	0	7	22	405	192
	American Triumph	42,597	568	6	0	0	8	7	644	1,578
	Northern Eagle	42,419	238	2	1	0	34	99	858	2,119
	Northern Hawk	37,210	734	11	0	0	17	38	949	798
	Northern Jaeger	40,399	499	7	0	3	24	52	872	1,156
	Ocean Rover	40,033	870	21	0	5	7	8	549	1,173
	Arctic Fjord	29,630	153	2	0	2	7	18	2,326	2,393
	Arctic Storm	34,087	318	3	0	0	2	70	670	550
	Northern Glacier	14,487	137	1	0	0	4	0	282	122
	Pacific Glacier	24,575	224	3	0	4	1	6	442	275
	Highland Light	27,268	129	1	0	0	11	33	478	221
	Starbound	25,296	207	2	0	0	10	12	1,173	1,510
	Island Enterprise	40,134	272	2	0	0	2	8	2,984	2,795
	Kodiak Enterprise	38,126	422	2	0	35	15	22	2,828	2,001
<i>HSCC</i>										
	Forum Star	0	0	0	0	0	0	0	0	0
	American Chalngr.	0	0	0	0	0	0	0	0	0
	Ocean Harvester	0	0	0	0	0	0	0	0	0
	Tracy Anne	0	0	0	0	0	0	0	0	0
	Neahkahnie	0	0	0	0	0	0	0	0	0
	Sea Storm	0	0	0	0	0	0	0	0	0
	Muir Milach	0	0	0	0	0	0	0	0	0
	Totals	483,234	5,489 ⁶	70	4	57	161	413	16,143	18,303

⁶ Of the 5,489 mt of non-target groundfish caught in the directed pollock fishery in 2001, 2,370 mt were retained and utilized; 3,119 mt of groundfish, including 30 mt of pollock, were discarded. Thus, 99.36% of all groundfish caught by PCC vessels in the 2001 directed pollock fishery were processed and utilized.

Table 3. 2001 C/P Aggregate Catch of Sideboard Species.

Species	2001 C/P Catch	2001 C/P Limit	Catch Vs. Limit ⁷
Pacific Cod (mt)	4,081	10,748	-6,667
Sablefish - BS (mt)	3	3	0
Atka Mackerel - Eastern (mt)	1	5,162	-5,161
Atka Mackerel - Central (mt)		3,574	-3,574
Atka Mackerel - Western (mt)			
Yellowfin Sole (mt)	2,212	22,380	-20,168
Rock sole (mt)	1,227	4,654	-3,427
Greenland Turbot - BS (mt)	31	52	-21
Greenland Turbot - AI (mt)	2	13	-11
Arrowtooth flounder (mt)	232	393	-161
Flathead Sole (mt)	1,326	1,156	170
Other flatfish (mt)	171	3,118	-2,947
Pacific Ocean Perch - BS (mt)	369	15	354
Pacific Ocean Perch - EAI (mt)	3	48	-45
Pacific Ocean Perch - CAI (mt)		36	-36
Pacific Ocean Perch - WAI (mt)		127	-127
Other Red Rockfish - BS (mt)	66		
Sharpchin/Northern - AI (mt)	19	487	-468
Shortraker/Rougheye - AI (mt)		20	-20
Other Rockfish - BS (mt)	8	12	-4
Other Rockfish - AI (mt)	2	28	-26
Squid (mt)	163	3	160
Other Species (mt)	670	1,216	-546
Habitat Mortality (mt)	112	286	-174
Herring (mt)	5		
Chinook (n)	16,390		
Other Salmon (n)	18,425		
Red King Crab (n)	155	628	-473
Other Tanner crab (n)	16,801	615,634	-598,833
Bairdi zone 1 (n)	146	94,535	-94,389
Bairdi zone 2 (n)	1,110	95,738	-94,628

⁷ Negative numbers represent catch under the allocated limits

Table 4. 2001 C/P Directed Cod Fishing

Vessel	Cod (mt)	Non-target groundfish (mt)	Halibut mort. (mt)	Herring (mt)	Chinook (n)	Other salmon (n)	Red king crab (n)	Bairdi (n)	Other tanner (n)
Katie Ann	2,237	170	6	0	165	43	4	887	165
Northern Glacier	8	100	5	0	0	0	0	0	43
Total	2,245	270	11	0	165	43	4	887	208
PSC Bycatch Performance ⁸			0.00	0.00	0.07	0.02	0.00	0.35	0.08

⁸ PSC bycatch performance is the number or metric tons of PSC species per metric ton of total groundfish catch.

Table 5. 2001 C/P Directed Yellowfin Sole Fishing.

Vessel	Yellowfin sole (mt)	Non-target groundfish (mt)	Halibut mort. (mt)	Herring (mt)	Chinook (n)	Other salmon (n)	Red king crab (n)	Bairdi (n)	Other tanner (n)
Northern Eagle	794	420	20	0	0	0	34	292	2,782
Northern Hawk	533	298	3	0	0	0	61	685	10,284
Northern Jaeger	705	462	17	0	0	0	0	304	3,174
Total	2,032	1,179	40	0	0	0	95	1,282	16,241
PSC Bycatch Performance			0.01	0.00	0.00	0.00	0.03	0.40	5.06

Table 6. 2001 C/P Vessel-by-Vessel Catch of All Non-Pollock Species (in metric tons, unless otherwise noted).

Vessel Name	Turbot - BS	Arrow- tooth	Flathead Sole	Other flatfish	POP - CAI	POP - EAI	POP - WAI	POP - BS
Alaska Ocean	7	20	125	26	0	0	0	0
American Dynasty	2	4	56	0	0	0	0	1
American Triumph	4	23	149	1	0	0	0	71
Arctic Fjord	0	4	36	2	0	0	0	14
Arctic Storm	1	12	78	1	0	0	0	17
Highland Light	0	5	28	1	0	0	0	0
Island Enterprise	3	25	94	3	0	0	0	12
Katie Ann	2	15	7	2	0	3	0	3
Kodiak Enterprise	1	15	66	3	0	0	0	70
Northern Eagle	1	11	81	40	0	0	0	6
Northern Glacier	0	5	21	1	0	0	0	1
Northern Hawk	2	17	148	30	0	0	0	18
Northern Jaeger	1	16	119	51	0	0	0	61
Ocean Rover	7	46	208	5	0	0	0	65
Pacific Glacier	0	6	55	1	0	0	0	2
Starbound	0	7	56	3	0	0	0	30
Totals	33	232	1,326	171	0	3	0	371

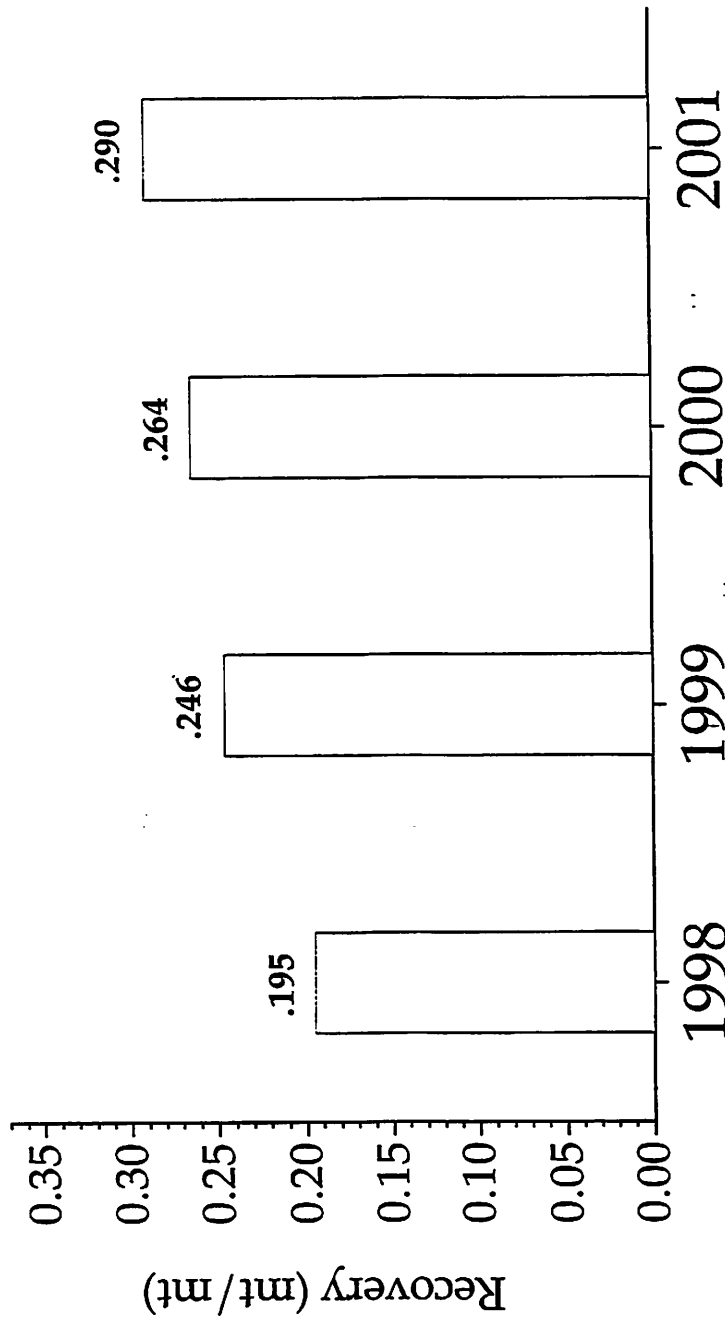
Table 6. Continued

Vessel Name	Other red rockfish - BS	Sharpchin / northern AI	Shortraker / rougeye AI	Other rockfish -BS	Other rockfish - AI	Squid	Other species	Halibut mortality
Alaska Ocean	2	0	0	1	0	19	87	4
American Dynasty	0	0	0	2	0	15	44	2
American Triumph	5	0	0	1	0	64	48	6
Arctic Fjord	0	0	0	0	0	0	11	2
Arctic Storm	1	0	0	0	0	2	42	3
Highland Light	0	0	0	0	0	1	17	1
Island Enterprise	1	0	0	0	0	3	25	2
Katie Ann	0	19	0	2	2	0	21	4
Kodiak Enterprise	7	0	0	0	0	1	22	2
Northern Eagle	0	0	0	0	0	4	46	21
Northern Glacier	1	0	0	1	0	1	18	6
Northern Hawk	15	0	0	1	0	46	95	14
Northern Jaeger	12	0	0	0	0	1	83	24
Ocean Rover	11	0	0	1	0	4	76	21
Pacific Glacier	8	0	0	0	0	0	19	3
Starbound	1	0	0	0	0	1	16	2
Totals	64	19	0	10	3	163	670	116

Table 6. Continued

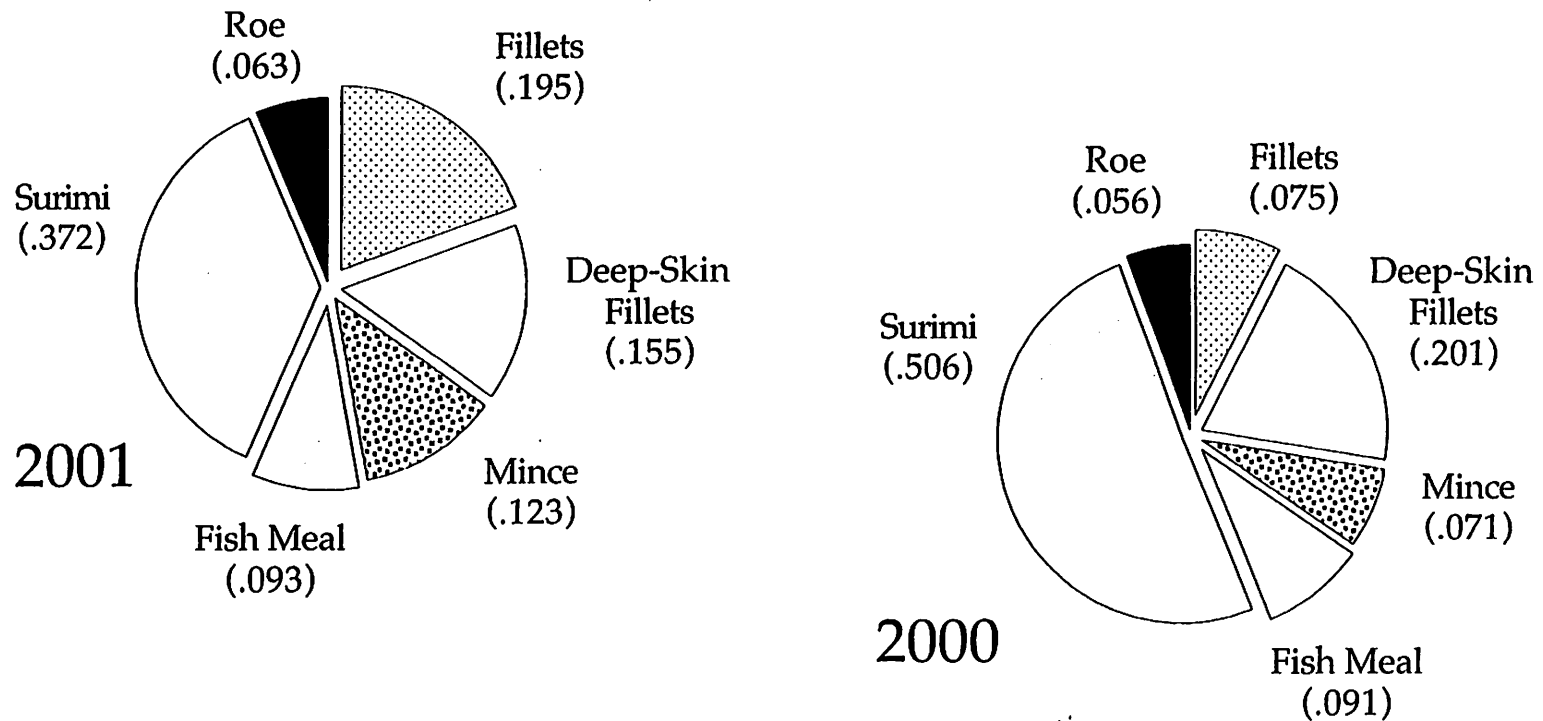
Vessel Name	Herring	Chinook (n)	Other salmon (n)	Red king crab (n)	C. Bairdi Zone 1 (n)	C. Bairdi Zone 2 (n)	C. Opilio Tanner (n)
Alaska Ocean	0.9	682	1,419	7	0	8	19
American Dynasty	0.1	405	192	0	3	3	22
American Triumph	0.4	644	1,578	0	0	8	7
Arctic Fjord	0.2	2,326	2,393	2	0	7	18
Arctic Storm	0.3	670	550	0	0	2	70
Highland Light	0.1	478	221	0	0	11	33
Island Enterprise	0.3	2,984	2,795	0	0	2	8
Katie Ann	0.0	165	43	4	0	89	104
Kodiak Enterprise	0.2	2,924	2,097	35	0	15	22
Northern Eagle	0.9	858	2,119	34	2	325	2,882
Northern Glacier	0.1	282	122	0	0	4	43
Northern Hawk	0.5	939	777	61	134	474	10,322
Northern Jaeger	0.5	872	1,156	3	4	150	3,226
Ocean Rover	0.1	549	1,173	5	3	3	8
Pacific Glacier	0.1	442	275	4	0	1	6
Starbound	0.0	1,170	1,513	0	0	10	12
Totals	5	16,390	18,425	155	146	1,110	16,801

Figure 1. Total Product Recovery.



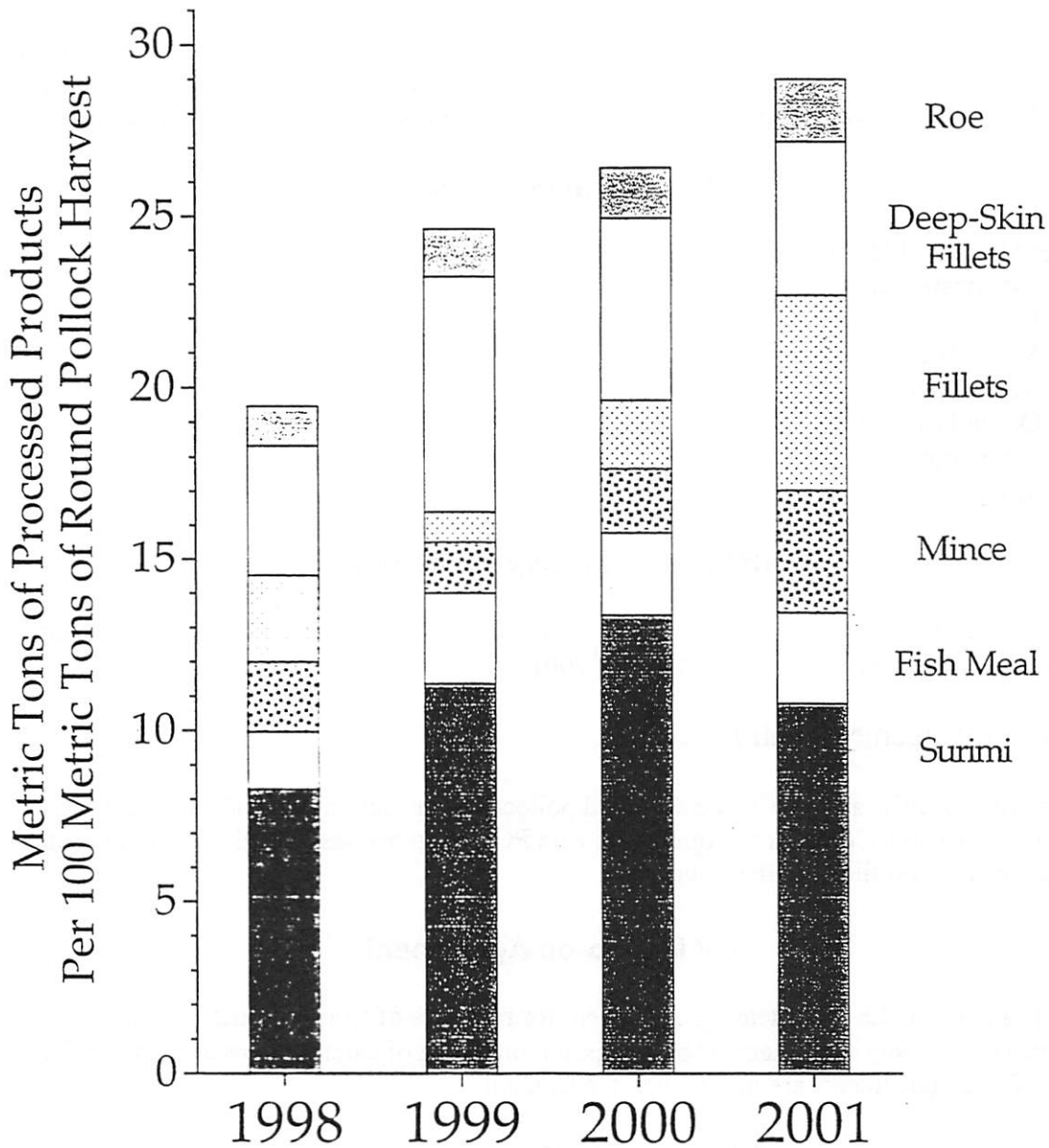
Source: SeaState, Inc. PCC and CDQ catch per haul, 1998-2001; NMFS AK Region Pacific cod and pollock products by processing mode, 1998-2001, BSAI groundfish quotas and preliminary catch in round metric tons, 1999-2001, and CDQ participation and catch by gear, 1999-2001. Total product recovery estimates include both directed-fishing and CDQ pollock harvests, and are calculated as the weight of all products produced divided by the weight of the round pollock used to obtain the products.

Figure 2. Average Product Mix.



Source: NMFS AK Region Pacific cod and pollock products by processing mode, 2000-2001. Note that this figure does not show individual product recovery rates, but instead the average product mix that was produced from the total amount of pollock harvested throughout the entire year. Pollock Conservation Cooperative vessels produce small amounts of pollock cheeks, milt, oil, stomachs and whole-round pollock that are not shown in the product mix pies.

Figure 3. Total Product Recovery and Mix.



During 2001 total product recovery is estimated to have increased by 49% over the 1998 open-access "race-for-fish" baseline.

Source: SeaState, Inc. PCC and CDQ catch per haul, 1998-2001; NMFS AK Region Pacific cod and pollock products by processing mode, 1998-2001, BSAI groundfish quotas and preliminary catch in round metric tons, 1999-2001, and CDQ participation and catch by gear, 1999-2001. Note that this figure does not show individual product recovery rates, but instead the average product mix that was produced from the total amount of pollock harvested throughout the entire year.

2001 Report of HSCC to the NPFMC

Introduction

High Seas Catchers Coop is a fisheries cooperative of all vessels eligible under section 208(b) of the American Fisheries Act. HSCC is also a member of an Intercoop with PCC for purposes of pollock and with the Catcher Vessel Intercoop for purposes of sideboard management.

List of Member Vessels

Member Vessels of HSCC include:

- American Challenger
- Forum Star
- Muir Milach
- Neahkahnne
- Ocean Harvester
- Sea Storm
- Tracy Anne

HSCC Membership Agreement

The HSCC Membership agreement is on file with the Council. There have been no substantive changes to the membership agreement during 2001.

Interco-op Agreement with PCC

The members of PCC and HSCC are allocated pollock under section 206(b)(2) of the AFA. HSCC is a party to a Cooperative Agreement with PCC for purposes of pollock management. The agreement is on file with the Council.

CV Interco-op Agreement

HSCC is a party to the CV Intercoop agreement for purposes of sideboard management. Compliance with both agreements is based upon monitoring of catch and bycatch by SeaState. Copies of both agreements are on file with the Council.

Allocations to Member Vessels

Allocation of pollock amongst members of HSCC was established within the HSCC membership agreement, as well as within the Cooperative Agreement with PCC.

Allocation of the BSAI P.Cod sideboard amounts in the 2001 "specs" and further sub-divided in the "information tables" provided by NMFS, was done by the HSCC board of directors through a roll over of the "consent of directors" document included as an appendix to HSCC's 2000 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 Executive Director, and/or the CV Interco-op manager.

There is additional information about the flow of information between the vessels, the coop, SeaState, the Intercoop Coordinator, and NMFS in the CV Interco-op report.

HSCC BSAI Pollock

Pollock Allocations to Member Vessels

The following table provides the distribution of the 206(b)(2) allocation of 8.5% of the 40% of the allocation to CPs and CVs.

Table 7

HSCC Pollock Allocations for 2001	
Forum Star	2,982
American Challenger	3,874
Ocean Harvester	5,283
Tracy Anne	5,671
Neahkahnie	8,159
Sea Storm	10,049
Muir Milach	5,544
Total	41,534

BS Pollock Transfers

Based upon the January 1999 "Cooperative Agreement" between HSCC and PCC, individual members of HSCC have made transfers of pollock to individual members of PCC. Transfers are reported in table 1 of the Joint Report of PCC and HSCC.

Directed BSAI Pollock Fishing

Catch and bycatch information for the BSAI directed pollock fishery is provided in table 2 of the Joint Report of PCC and HSCC.

Bycatch of Pollock

Pollock was an incidental bycatch in the P. Cod fishery by HSCC vessels. 3,848 tons of groundfish were harvested by HSCC vessels in the P. Cod fishery, of that amount 2.3% or 89 tons was pollock.

HSCC Utilization and Recovery Rates

Processing of all of the HSCC pollock allocation was done by members of PCC. As such, there is no distinction between utilization and recovery between the PCC allocation and the HSCC

allocation. See the PCC section of the Joint PCC/HSCC Report for details on increased utilization in the pollock fishery.

Catcher Vessel Sideboard Limitations - BSAI & GOA

HSCC Sideboard Harvest Limits

Sideboard limits for all AFA CVs and a series of Information Tables were published by NMFS, that sub-allocated by coop the sideboards amounts of those species for which directed fishing was allowed. The NMFS regulations provided that two or more coops could enter into an inter-cooperative agreement that limited the members to their combined aggregate sideboard caps. HSCC is a member of the CV Inter-cooperative for purposes of groundfish sideboard species management.

2001 HSCC Participation in Other Fisheries

Crab

Three vessels participated in the 2001 Bristol Bay Red King Crab fishery, making one delivery apiece, for a total of 69,601 lbs. Management of this fishery is described in the CV Intercoop report. One vessel participated in the 2001 Opilio crab fishery, delivering a total of 36,858 lbs.

Table 8

HSCC 2000 BBRKC Harvests (lbs)	
Muir Milach	23,014
Ocean Harvester	15,320
Sea Storm	31,267
Total	69,601

Scallops

One vessel participated in the scallop fishery, landing 41,884 lbs pounds of scallops.

CV Interco-op Groundfish Fisheries

Information concerning the CV Interco-op's allocations, rules, Interco-op transfer arrangements and a copy of the Agreement are contained in a report submitted by the CV Interco-op.

Monitoring of sideboard harvests was performed by SeaState.

HSCC Groundfish Sideboard Limits

The following table provides the initial sideboard limits, the adjusted sideboard limits for HSCC vessels, the actual harvest and over/under-ages.

Table 9

HSCC 2001 Groundfish Sideboard Limits and Harvests						
Species/Area	Initial Sideboard Allocation (mt)	Sideboard Cap Transfers	Final Sideboard Allocation (mt)	Harvest (mt)	Amount Under (Over) Sideboard Limit	Over Sideboard Limit
BSAI Cod A	1922	577, & (-)150	2349	2,070	279	No
BSAI Cod B	1331		1,610		1,610	No
BSAI YFS	60		60	9	51	No
BSAI Rocksole	448		448	111	337	No
WG Cod	246	25	271	223	48	No
CG Cod	132		132	0	132	No
EGOA Cod	0		0	0	0	No
610 A Pollock	15	926	941	124	817	No
610 B Pollock	7	388	1205	280	925	No
610 C Pollock	21		925	443	482	No
610 D Pollock	18	1004	1504	1097	407	No
620 A Pollock	3		3	0	3	No
620 B Pollock	1		1	0	1	No
620 C Pollock	32		33	0	33	No
620 D Pollock	26		59	0	59	No
630 A Pollock	47		47	0	47	No
630 B Pollock	24		71	0	71	No
630 C Pollock	74		145	0	145	No
630 D Pollock	62		207	0	207	No
Shelikof A Pollock	39		39	0	39	No
Shelikof B Pollock	20	(-)40	19	0	19	No
WGOA Shallow Flats	33		33	3	30	No
CGOA Deep Flats	4		4	0	0	No
CGOA N Rock	0		0	0	0	No
CGOA POP	0		0	0	0	No
CGOA Shallow Flats	70		70	0	0	No
EGOA Arrowtooth	8		8	5	3	No
EGOA Deep flats	5		5	4	1	No
EGOA Pelagic Rockfish	9		9	3	6	No
EGOA POP	59		59	56	3	No
EGOA Rex sole	7		7		7	No
EGOA Sablefish	6		6	18	(12)	Yes
EGOA Shallow Flats	21		21		21	No
EGOA SR/RE	6		6	1	5	No
EGOA Thornyhead	11		11		11	No

The next set of tables for each sideboard groundfish fishery shows catch and bycatch by vessel.

BSAI Cod

One exempt vessel and four non-exempt vessels landed a total of 3,417 tons cod in the BSAI directed cod fishery, using less than 18 tons of halibut bycatch. The HSCC average halibut bycatch mortality rate per ton of groundfish in this fishery was 0.45%.

Table 10

Non-Exempt Vessels	Landed Cod RWE	Total Catch Weight (inc discards)	Halibut Bycatch (mt)	Halibut Mortality (mt)	Chinook N	Other Salmon N	Bairdi N	Other Tanner N	Red King crab N	Herring Wt
MUIR MILACH	891.13	948.60	1.64	1.08	0	0	3	118	0	0
OCEAN HARVESTER	319	402	9.15	6.04	62	0	0	331	203	0
SEA STORM	41	54	1.14	0.75	8	0	0	20	24	0
TRACY ANNE	819	940	3.79	2.50	6	18	0	77	6	0
Total Non-exempt	2,070	2,345	15.72	10.38	77	18	3	546	234	0
Exempt Vessel										
FORUM STAR	1,407	1,503	1.65	1.09	0	0	1	107	0	0

GOA Pollock

Three vessels landed 1945 tons of pollock in the W-GOA directed pollock fishery

Table 11

vessel	610 Pollock	Total Groundfish Weight	Halibut Bycatch	Halibut Mortality	Chinook N	Other Salmon N	Red King crab N	Bairdi N	Other Tanner N	Herring Wt
MUIR MILACH (A season)	113	113	0.39	0.29	5	0	0	427	0	0
SEA STORM (B & D seasons)	1,378	1,381	0.08	0.06	121	72	0	0	0	0
TRACY ANNE (A & C seasons)	454	454	0.10	0.08	15	38	0	48	0	0

GOA Cod

Two vessels landed 221 tons of cod in the W-GOA directed cod fishery

Table 12

vessel	Total Groundfish Weight	Halibut Bycatch	Halibut Mortality	Chinook N	Other Salmon N	Red King crab N	Bairdi N	Other Tanner N	Herring Wt
MUIR MILACH	66	0.38	0.24	0	0	0	0	0	0
TRACY ANNE	246	0.01	0.00	4	0	0	0	0	0

GOA Rockfish

One vessel landed rockfish in the directed rockfish fishery. The following table is based on observer data.

Table 13

Vessel	Total Groundfish Weight mt (including discards)	Pacific Ocean Perch mt	All other rockfish mt	Sablefish mt	Halibut mt	Salmon N	Crab N
TRACY ANNE	113	58	28	18	1.6	0	1

The following set of tables provides a breakdown of all groundfish catch by HSCC vessels in all targets.

All BSAI Groundfish

Table 14

2001 HSCC Catch of BSAI Groundfish in All Targets	
AI Sablefish	0.00
AI Turbot	0.18
Arrowtooth Flounder	56.65
Atka Mackerel	0.30
Central AI Mackerel	0.50
Central AI POP	0.31
Eastern AI Mackerel	8.52
Eastern AI POP	7.92
Flathead Sole	9.46
Greenland Turbot	0.03
Incidental pollock	89.34
Other Flatfish	3.93
Other Red Rockfish - BS	0.12
Other Rockfish	0.48
Other Species	57.10
Pacific Cod	3,486.77
Pacific Ocean Perch	0.08
Rock Sole	110.84
Sablefish	1.02
SC/NO	5.02
Squid	0.07
Yellowfin Sole	9.48

All WGOA Groundfish

Table 15

2001 HSCC Catch of WGOA Groundfish in All Targets	
610 Pollock	1961.42
Arrowtooth Flounder	60.29
Deep water flatfish	0.00
Flathead Sole	0.54
Other Rockfish	0.00
Other Species	6.00
Pacific Cod	223.38
Pacific Ocean Perch	0.04
Rex sole	0.08
Rock Sole	4.47
Sablefish	0.14
Shallow water flatfish	2.99
Squid	0.37

All EGOA Groundfish

Table 16

HSCC 2000 EGOA Groundfish (retained catch)	
Greenland Turbot	4.32
Other Rockfish	7.50
Other Species	-
Pacific Ocean Perch	50.22
Sablefish	2.30

PSC Usage by HSCC Member Vessels

The Interco-op Agreement contains specific provisions on management of Halibut PCS's in the BSAI P. Cod fishery by the interco-op and individual co-ops. Detailed PSC use by vessel was provided in the above tables

HSCC Monitoring and Enforcement

All data used in monitoring HSCC pollock and non-pollock fishing for delivery to offshore processors was obtained from the NMFS observer program office. 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 process is identical to that described for PCC "Monitoring and Enforcement."

Additionally, for deliveries to shoreside processors, each company submitted copies of its ADF&G fish tickets to Sea State, Inc. for tabulation through the NMFS Electronic Fishticket program. The information was made available to all HSCC members on the SeaState website. Member provided confidentiality waiver requests to ADF&G for release of the data directly to Sea State, Inc. in order that the completeness and accuracy of data submitted members could be verified.

The observer data for shoreside deliveries was not incorporated in the preparation of this report. Fish ticket data was used for shoreside deliveries, and observer data was used for off shore deliveries.

Penalty Structures within the HSCC and Between Co-ops

The Cooperative Agreement between HSCC and PCC provides for cross co-op enforcement of penalties in the event of overharvest of pollock. The CV Interco-operative Agreement also contains penalty provisions for overharvest of sideboard species. The HSCC membership agreement is attached as an appendix.

“RESOLVED: That the forfeiture amount (as defined in Section 3.a. of the Membership Agreement) is hereby set at One Thousand Dollars (\$1,000.00) per metric ton of pollock for the “A-1” and “A-2” Bering Sea directed pollock fishery seasons and Five Hundred Dollars (\$500.00) per metric ton for the Bering Sea directed pollock fishery “B” and “C” seasons. The requirement that the members post a bond to secure their related overharvest obligations is hereby waived for the 1999 pollock fishery.”

No enforcement actions were taken by HSCC in either pollock or sideboard fisheries, as members complied with the provisions of the membership agreement.

**Report of the
Akutan Catcher Vessel Association
2001**

**Presented to the
North Pacific Fisheries Management Council
January 31, 2002**

Cooperative Organization and Membership

The Akutan Catcher Vessel Association (ACVA) was formed in December of 1999 in order to promote the rationalization of the onshore pollock harvest in the Bering Sea and Aleutian Islands trawl fisheries through mutual cooperation of its member vessels.

In 2001, the Akutan Catcher Vessel Association was made up of 33 vessels eligible under the American Fisheries Act to harvest pollock in the Bering Sea directed pollock fishery. This cooperative was formed in affiliation with the Trident Seafoods plant in Akutan, Alaska, as its primary purchasing and processing facility. Within the coop, member vessels were allocated a percentage of the directed pollock fishery, as well as sideboard fisheries, based on the relevant catch history of the individual vessels. All potential member vessels catch history was submitted to Sea State, Inc. prior to the ACVA inception. Sea State was hired as an independent third party to aid in the catch history verification process. Sea State verified all of the data brought forth which resulted in the coop pollock percentages listed below. The following table shows the 2001 Akutan Catcher Vessel Association member vessels and their corresponding pollock percentage.

Vessel	Coop percent 2001
ALDEBARAN	5.06%
NORDIC EXPL.	3.79%
INTREPID EXPL.	4.10%
ARCTURUS	5.34%
BLUE FOX	1.20%
COLUMBIA	4.98%
CAPE KIWANDA	0.81%
DOMINATOR	6.14%
DONA MARTITA	7.23%
SOVEREIGNTY	8.25%
NORTHERN PATRIOT	8.46%
EXODUS	1.05%
GLADIATOR	5.76%
GOLDEN DAWN	6.34%
GOLDEN PISCES	0.95%
HAZEL LORRAINE	1.36%
LESLIE LEE	1.90%
LISA MELINDA	0.75%
MAJESTY	3.49%
MARCY J	0.63%
MARGARET LYN	0.12%
NW EXPLORER	0.83%
PACIFIC RAM	0.71%
PACIFIC VIKING	3.85%
PEGASUS	2.44%
PEGGY JO	1.17%
PERSEVERANCE	1.04%
PREDATOR	0.76%
RAVEN	2.46%
ROYAL AMERICAN	3.40%
SEEKER	1.30%
TRAVELER	0.14%
VIKING EXPLORER	4.17%

The vessel percentages listed in the table were not only used for the distribution of pollock shares but also as a method for sharing costs needed for operation of the cooperative for the year.

Decisions regarding political positions or coop operations were made either by the ACVA membership or by the Board of Directors for the coop, depending on the issue. The ACVA was very active in the inter-coop process and was bound contractually through the Inter-Coop Agreement. Relevant inter-coop issues were brought back and voted on at the coop membership level to assure members were being well represented at the inter-coop. The following is a description of the workings and purpose of the Inter-Coop Agreement:

Introduction

During early January 2000, representatives of the nine catcher vessel cooperatives developed an agreement that governs the relationships between the individual cooperatives. This agreement was approved by all the catcher vessel (CV) cooperatives on January 19, 2000. Modifications to the original agreement were made for the year 2001, however, the majority of the original agreement remained the same. The primary reasons for this agreement include:

- 1) Allocation, monitoring and compliance of the GOA and BSAI groundfish limits among the coops;
- 2) Allocation, monitoring and compliance of certain PSC caps by the individual cooperatives;
- 3) Allocation, monitoring and compliance of the harvest of BSAI pollock inside the Steller Sea Lion Conservation Area (over and =/under 99' vessels);
- 4) Establishment of penalties for a coop exceeding its pollock and sideboard allocations;
- 5) Provide for the harvest of BSAI P. cod for the "< 1700 MT" exempt vessels while complying with AFA PSC limits;
- 6) Establishment and monitoring of sideboard species transfers between cooperatives, and
- 7) To promote compliance of the Council's recommended Sideboard measures and PSC limits while allowing for maximum harvest of the AFA pollock and sideboard allocations.

Sideboard Management

In accordance with Section 211(c) of the AFA, the North Pacific Fisheries Management Council (Council) adopted sideboard species caps to give assurances to non-AFA vessel owners that AFA vessels would not harvest more than their traditional levels of groundfish fisheries in the GOA and BSAI. However, the Council and NMFS did not provide allocations of sideboard species to the individual cooperatives. Rather, they established an aggregate groundfish sideboard cap for all AFA catcher vessels. In order to work together to meet the Council's intent of not exceeding these caps, all nine CV cooperatives agreed to individual coop harvest limits and penalties for all sideboard fisheries, combined with an industry funded and established catch monitoring program (Sea State, Inc.).

The cooperatives agreed to limit their collective members' harvest of each sideboard species to the amount determined by a history-based formula set out in the Inter-Coop Agreement. The

formula includes reserving an amount of each sideboard species necessary to fund bycatch needs of other directed fisheries (example: P. cod bycatch in the Pollock or YFS fisheries).

Making this agreement somewhat difficult was the Council established exempt vessel classification for CVs. The Council established an exemption to the BSAI P cod limit for AFA vessels < 125' LOA whose annual BSAI Pollock landings during 1995-1997 were less than 1700mt and had made more than 30 deliveries of P. cod during those years. The Council also exempted the Mothership AFA vessels from the BSAI P. cod cap after March 1st. In addition, the Council made an exemption to the GOA groundfish limits for AFA vessels < 125' LOA whose annual BSAI Pollock landings during 1995-1997 were less than 1700mt and had made more than 40 GOA deliveries of groundfish during those years. The agreement allows the exempt vessels unlimited access to the directed fishery, while constraining them to an acceptable PSC rate.

The Council's exempt recommendation was for an exemption to the directed species (in this case P. cod), and not an exemption to associated PSC bycatch. To address this problem, the Inter-Coop Agreement contains language that provides for the AFA exempt vessels to fish the BSAI CV cod directed fishery allowance unconstrained. The agreement also provides for an allocation of PSC to these exempt vessels' coop as long as these vessels PSC rate below the acceptable AFA fleet rate.

PSC Management

Each coop receives PSC cap allocations for its non-exempt vessels proportionate to its related sideboard species allocations. In addition, each coop receives an initial PSC allocation for its exempt vessels. If a coop's exempt vessels' PSC rate remains at or below the predetermined acceptable rate, the coop can receive additional PSC when needed, as determined by the Monitoring Agent (Sea State), in order to continue fishing for BSAI P. cod. This "refreshing of PSC" only applies to the exempt AFA Vessels within a coop. The non-exempt AFA vessels have to live with their initial allocation of PSC.

Monitoring

The agreement acknowledges that timely reported catch data is necessary. Coops are required to provide timely data on sideboard catch and PSC to a monitoring agent. The nine CV coops have agreed to contract with Sea State, Inc. to provide centralized monitoring and reporting. Data sources include the new NMFS Shoreside Logbook Reporting Program, along with the Observer Program information. An inter-coop manager was hired and retained by United Catcher Boats to facilitate inter-coop operations.

For example, using information available on the Sea State web site, the coop members were able to determine general trends in fleet bycatch by time and area. Halibut mortality rates were established by Sea State based on in season observer data. Weekly rates were available to coops by area and in aggregate. Overall fleet directed and bycatch amounts were monitored to facilitate transfers, cap utilization and bycatch reduction.

Another example involves coop members' efforts to manage salmon bycatch this fall. A chum salmon bycatch program was developed by the inter-coop group to aid in the avoidance of chum salmon during the C/D season pollock fisheries. This program relied upon daily and often tow-by-tow salmon bycatch data in order to determine real time bycatch rates that could be used immediately by the fleet. The program set up two Bering Sea management regions and

incorporated weekly savings closures triggered for each one of the Bering Sea regions. These closures were triggered by bycatch rates for the particular week that were in excess of the pre-determined threshold levels. This program also required vessels that experience an incident of high salmon bycatch to notify the rest of the fleet with information about the "hot spot". A daily on-grounds reporting system was developed to allow timely data transfer from the fishing grounds.

Communications between coop managers, Sea State and the inter-coop manager were paramount to the success of fleet-wide measures aimed at reducing prohibited species bycatch in both the pollock and cod fisheries.

Sea Lion RPAs

Through the Inter-Coop Agreement, the coops agreed to limit their aggregate annual pollock harvest of its members per season and per area to the percentage of the annual inshore pollock directed fishing allowance. This included incorporating the Council recommended measure that exempts vessels under 99' LOA from the CVOA closures during the fall and winter months.

Penalties

The nine CV coops agreed to establish a penalty clause in the Inter-Coop Agreement in order to create over harvest disincentives. The penalty for an Inshore Coop member exceeding its pollock allocation amount for area or season is \$500/mt for the pollock "A" season and \$300/mt for the remaining three seasons. For exceeding a BS, AI and GOA P. cod sideboard allocation, the penalty amount is \$1,000/mt. For exceeding all other groundfish sideboard species, the penalty amount is \$300/mt.

For this past year Sea State Inc. determined that none of the CV coop members exceeded their harvest allocations for either directed AFA pollock or sideboard species. Thus there were no penalties assessed.

Transfers

The Inter-Coop Agreement allows for the facilitation of transfers of pollock allocation and sideboard limits among members. Upon verification of available cap by Sea State and the approval of transfer by the inter-coop manager, sideboard caps of directed and prohibited species were transferred between coops. By allowing transfers, coops managed fleets to improve utilization of target species, reduce bycatch and provide a mechanism by which coops could manage their fleets to comply with the inter-coop agreement.

Coop Daily Operations

The Coop Manager carried out daily operations and allocation management for Akutan Catcher Vessel Assoc. fisheries. Member vessels were required, to the best of their ability, to advise the Coop Manager of their intended fisheries and dates of operation for their vessel(s) prior to the start of January openings. These operational plans were used to help determine start dates for the coop fisheries to assure that entire coop allocations could be harvested within the dates allowed by the regulations. The Akutan Catcher Vessel Association was successful in allowing member vessels to harvest their allocations as it best suited each individual vessel.

The intra-coop monitoring of target fishery allocations and sideboard fisheries was accomplished through a joint effort between the cooperative manager and Sea State, Inc. The data required for in-season management of target species was derived from fish tickets and NMFS Delivery Reports which were transmitted to Sea State and the coop manger on a daily basis from the processing facility. Data was sent to Sea State via the use of the NMFS Electronic Logbook software. Data on remaining allocations by vessel was transmitted back to the fleet via the coop manager on a daily basis. The coop manager and Sea State both kept independent records of coop fishing activity but worked closely to assure the two data sets were consistent. This process assured the coop that no data or deliveries were unaccounted for.

Data for monitoring the usage of prohibited species within the ACVA fisheries was obtained from both the NMFS Observer Program office as well as through the NMFS delivery reports. Observer data for individual vessels is available on the NMFS Observer Program web site 24 hours a day. Sea State, Inc. was authorized by the ACVA to have access to this data and to process it into a format that was useful to the coop.

All data generated by Sea State, inc. was available to the coop manager on the password protected Sea State web site. Data on the web site is available in the aggregate or by individual vessel deliveries.

ACVA Pollock Allocations and Harvest

Based on the NMFS verified catch history of its member vessels, the ACVA was allocated 28.68% of the pollock available to the Bering Sea onshore component. This resulted in a year 2001 Bering Sea pollock allocation of 175,187 MT. This total allocation was distributed to member vessels using the same criteria that NMFS used to determine the total ACVA pollock allocation. Individual members relevant pollock catch history was submitted and verified by Sea State, Inc. Each vessel's harvest allocation was then determined based on the member's share of the cooperative's overall pollock harvest allocation. This was based on the total amount of pollock harvested by that member's vessel in the directed inshore pollock fishery, using the best two (2) of the three (3) years 1995, 1996 and 1997, relative to the aggregate total amount of pollock harvest by all member vessels during the same years. In addition, member vessels were credited for deliveries in excess of 499 MT that were made to catcher/processors. Table 1 shows the initial pollock allocation to the coop and individual vessels as well as the aggregate group harvest and individual vessel harvest. Following that table is Table 2 which shows the pollock harvest along with non-groundfish catch and PSC catch.

TABLE 1

As indicated on this table in the bottom right corner, 264 MT of pollock was left unharvested in the ACVA for the year 2001. A portion of the remaining pollock, was allocation that was left on the table by the coop members that were classified as exempt vessels in the GOA and, therefore, were unable to lease, trade or sell their Bering Sea pollock allocation. Most GOA exempt vessels, however, were able to harvest most of their BS allocations in 2001.

As you can see by looking at each individual member vessel's harvest of pollock over the year as compared to their allocations, many intra-coop transfers of pollock allocation were done. These transfers were done to allow member vessels to fish their allocation when desired and as a result of eligible vessels selling their allocation within the coop.

The bycatch reserve release column of this table is the amount of pollock this coop received as a result of NMFS releasing the unused portion of the pollock bycatch reserves near the end of the C/D fishing season.

TABLE 2

A/B season restrictions to protect the Stellar sea lions likely had an effect on the performance of the fishery this year as it related to the bycatch of PSC species and non-target species. However, the relief from some of those restrictions in the C/D season allowed vessels more access to fishing grounds which allowed them to target higher quality pollock and operate in areas with lower bycatch rates. Vessels were also able to operate more economically and safer as a result of the C/D season available fishing areas. No transfers of the ACVA Bering Sea pollock allocations were made to vessels outside of the coop. Enforcement penalties were established for 2001 for vessels that exceeded their allocations of pollock, however, no vessels exceeded their allowed harvest level and, therefore, no enforcement penalties were assessed. The vessels that harvested in excess of their allocation did so under the direction of the coop and as a result of additional fish being transferred or sold to the vessel.

**TABLE 1
AKUTAN CATCHER VESSEL ASSOCIATION
2001 POLLOCK ALLOCATIONS AND HARVEST BY VESSEL**

2001 Total Pollock Allocation:

173,466 MT

1,731 MT Reserve

175,187 MT Total With Reserve Release

Vessel	Coop percent	2001 Initial Allocation (MT)	2001 Bycatch Res. Realloc. (MT)	2001 Total Allocation (MT)	Vessel Harvest (MT)	(Over/Under Allocation (MT))
ALDIBARAN	5.08%	8,782	88	8,870	9,021	(151)
NORDIC EXPL.	3.79%	6,582	66	6,647	2,959	3,688
INTRERPID EXPL.	4.10%	7,120	71	7,191	6,138	1,053
ARCTURUS	5.34%	9,255	92	9,347	9,441	(94)
BLUE FOX	1.20%	2,080	21	2,101	2,093	8
COLUMBIA	4.98%	8,635	86	8,722	8,734	(12)
CAPE KIWANDA	0.81%	1,398	14	1,411	70	1,341
DOMINATOR	6.14%	10,655	106	10,761	11,504	(743)
DONA MARTTA	7.23%	12,541	125	12,667	11,099	1,568
SOVEREIGNTY	8.25%	14,315	143	14,458	17,517	(3,059)
NORTHERN PATRIOT	8.46%	14,683	147	14,829	14,600	229
EXODUS	1.05%	1,820	18	1,838	1,775	63
GLADIATOR	5.76%	9,988	100	10,078	10,308	(230)
GOLDEN DAWN	6.34%	10,992	110	11,102	11,459	(357)
GOLDEN PISCES	0.95%	1,648	16	1,664	2,564	(900)
HAZEL LORRAINE	1.36%	2,366	24	2,390	2,363	27
LESLIE LEE	1.90%	3,298	33	3,331	3,339	(8)
LISA MELINDA	0.75%	1,306	13	1,319	1,317	2
MAJESTY	3.49%	6,061	60	6,121	0	6,121
MARCY J	0.63%	1,096	11	1,106	1,085	21
MARGARET LVN	0.12%	208	2	210	1,536	(1,326)
NW EXPLORER	0.83%	1,443	14	1,457	6,577	(5,120)
PACIFIC RAM	0.71%	1,239	12	1,251	1,258	(7)
PACIFIC VIKING	3.85%	6,672	67	6,739	7,578	(839)
PEGASUS	2.44%	4,231	42	4,274	4,565	(291)
PEGGY JO	1.17%	2,022	20	2,043	2,024	19
PERSEVERANCE	1.04%	1,798	18	1,816	0	1,816
PREDATOR	0.76%	1,326	13	1,339	2,728	(1,389)
RAVEN	2.46%	4,261	43	4,303	3,363	940
ROYAL AMERICAN	3.40%	5,905	59	5,964	5,909	55
SEEKER	1.30%	2,249	22	2,272	2,267	5
TRAVELER	0.14%	251	3	254	2,075	(1,821)
VIKING EXPLORER	4.17%	7,240	72	7,313	7,657	(344)
TOTALS	100.00%	173,466	1,731	175,187	174,923	264

ACVA Bering Sea Sideboards

Sideboard caps in the Bering Sea were established for each individual coop for Pacific cod, Yellowfin sole and Rock sole. No member vessels in the Akutan Catcher Vessel Association participated in either the Yellowfin or Rock sole fishery.

Based on the NMFS verified catch history of its member vessels, the ACVA was allocated 24.78% of the Pacific cod available for directed catch. This percentage resulted in a first half of the year allocation of 4,507 MT of BS cod to the ACVA non-exempt vessels. This amount was distributed to the Bering Sea non-exempt member vessels only as Bering Sea exempt cod vessels had their own allocation set aside prior to distribution of the non-exempt shares. The ACVA total cod sideboard share was derived from the cod allocation agreement negotiated at the inter-coop level. Table 3 shows the cod coop percentage for each of the non-exempt member vessels as well as the associated "A" allocation and harvest for the first half of 2001. The bottom of the table also shows the BS exempt member vessels and their associated cod harvest for the first half of 2001. Table 4 shows the cod sideboards for the second half of 2001 and the associated harvest by vessel. Table 5 shows the total cod harvest as well as the non-target groundfish and the associated PSC catches for both the non-exempt and the exempt vessels for the "A" season cod fishery.

TABLE 3:

A total of 1853.19 MT of the 4,507 MT cod cap was not harvested in the first half of 2001. This includes 594 MT of cod sideboards that were transferred from the Akutan Coop to other AFA Coops in the first half of the year. Including transfers, this resulted in only 41% of the cod sideboards being utilized in the first half of 2001. This was largely due to the poor performance of the fishery this year.

As with pollock, many intra-coop transfers were made in an attempt to accommodate vessel's fishing plans and to harvest as much of the cod sideboard as possible. All vessels that harvested amounts in excess of their own allocation did so under the direction of the coop and its in-season manager.

TABLE 4:

Table four shows the BS cod sideboard allocation, by vessel, for the second half of 2001. As you can see there was 3,120 MT of cod sideboards available to the coop with only 174.22 MT being harvested during the second half of the year. Two coop vessels did attempt to target cod during the second half of the year, however, harvest was minimal due to lack of success. No other coop vessels participated in the fishery due to involvement in other operations and fisheries.

TABLE 5:

Halibut mortality was the only PSC in which sideboard caps were established formally. As the harvest data shows, halibut mortality was relatively low in 2001 when compared to past rates. Only XX% of the coops available halibut mortality was used to harvest over 95% of the cod sideboard cap.

TABLE 3**AKUTAN CATCHER VESSEL ASSOCIATION****2001 BS PACIFIC COD SIDEBOARD ALLOCATIONS AND HARVEST**

2001 "A" Sideboard Total:

4,507 MT

Non-Exempt Vessels	Coop Percent	2001 "A" Allocation (MT)	Inter Coop Tansfers (MT)	Vessel "A" Harvest (MT)	(Over)/Under Allocation (MT)
ALDEBARAN	6.41%	288.90		169.68	119.22
NORDIC EXPL.	2.92%	131.60	(131.60)	0.00	0.00
INTREPID EXPL.	4.84%	218.14	(218.14)	0.00	(0.00)
ARCTURUS	5.59%	251.94		0.00	251.94
COLUMBIA	6.73%	303.32		92.69	210.63
CAPE KIWANDA	4.23%	190.65		0.00	190.65
DOMINATOR	5.84%	263.21		116.12	147.09
DONA MARTITA	3.89%	175.32		42.45	132.87
SOVEREIGNTY	1.91%	86.08		0.00	86.08
NORTHERN PATRIOT	0.93%	41.92		0.00	41.92
EXODUS	1.98%	89.24		52.79	36.45
GLADIATOR	5.18%	233.46		0.00	233.46
GOLDEN DAWN	5.50%	247.89	(244.94)	0.00	2.94
HAZEL LORRAINE	1.37%	61.75		0.00	61.75
LESLIE LEE	0.86%	38.76		0.00	38.76
LISA MELINDA	0.54%	24.34		0.00	24.34
MAJESTY	7.13%	321.35		507.75	(186.40)
MARCY J	0.58%	26.14		0.00	26.14
MARGARET LYN	0.00%	0.00		0.00	0.00
NW EXPLORER	0.00%	0.00		0.00	0.00
PACIFIC RAM	1.79%	80.68		0.00	80.68
PACIFIC VIKING	7.19%	324.05		329.63	(5.58)
PEGASUS	6.37%	287.10		116.09	171.01
RAVEN	4.88%	219.94		88.86	131.08
ROYAL AMERICAN	7.34%	330.81		319.50	11.31
TRAVELER	0.00%	0.00		0.00	0.00
VIKING EXPLORER	6.00%	270.42		223.57	46.85
TOTALS	100.00%	4,507.00	(594.68)	2059.13	1853.19

Exempt Vessels	Coop Percent	2001 "A" Cod Harvest
BLUE FOX	EXEMPT	487.29
GOLDEN PISCES	EXEMPT	744.99
PERSEVERANCE	EXEMPT	612.20
PREDATOR	EXEMPT	205.93
PEGGY JO	EXEMPT	0.00
SEEKER	EXEMPT	819.87
TOTAL (MT)		2,870.28

**TABLE 4
AKUTAN CATCHER VESSEL ASSOCIATION
2001 BS PACIFIC COD SIDEBOARD ALLOCATIONS AND HARVEST**

2001 "B" Sideboard Total: 3,120 MT

Non-Exempt Vessels	Coop Percent	2001 "B" Allocation (MT)	Inter Coop Transfers (MT)	Vessel "B" Harvest (MT)	(Over)/Under Allocation (MT)
ALDEBARAN	6.41%	199.99			199.99
NORDIC EXPL.	2.92%	91.10			91.10
INTREPID EXPL.	4.84%	151.01		83.18	67.83
ARCTURUS	5.59%	174.41			174.41
COLUMBIA	6.73%	209.98			209.98
CAPE KIWANDA	4.23%	131.98			131.98
DOMINATOR	5.84%	182.21			182.21
DONA MARTITA	3.89%	121.37			121.37
SOVEREIGNTY	1.91%	59.59			59.59
NORTHERN PATRIOT	0.93%	29.02			29.02
EXODUS	1.98%	61.78			61.78
GLADIATOR	5.18%	161.62			161.62
GOLDEN DAWN	5.50%	171.60			171.60
HAZEL LORRAINE	1.37%	42.74			42.74
LESLIE LEE	0.86%	26.83			26.83
LISA MELINDA	0.54%	16.85			16.85
MAJESTY	7.13%	222.46		91.04	131.42
MARCY J	0.58%	18.10			18.10
MARGARET LYN	0.00%	0.00			0.00
NW EXPLORER	0.00%	0.00			0.00
PACIFIC RAM	1.79%	55.85			55.85
PACIFIC VIKING	7.19%	224.33			224.33
PEGASUS	6.37%	198.74			198.74
RAVEN	4.88%	152.26			152.26
ROYAL AMERICAN	7.34%	229.01			229.01
TRAVELER	0.00%	0.00			0.00
VIKING EXPLORER	6.00%	187.2			187.20
TOTALS	100.00%	3,120.00	0.00	174.22	2945.78

Exempt Vessels	Coop Percent	2001 "B" Cod Harvest
BLUE FOX	EXEMPT	0.00
GOLDEN PISCES	EXEMPT	45.86
PERSEVERANCE	EXEMPT	0.00
PREDATOR	EXEMPT	0.00
PEGGY JO	EXEMPT	0.00
SEEKER	EXEMPT	0.00
TOTAL (MT)		45.86

TABLE 5
AKUTAN CATCHER VESSEL ASSOCIATION
2001 BERING SEA PACIFIC COD "A" SIDEBOARD HARVEST AND PSC BYCATCH

Non-Exempt Vessels	Pacific Cod Harvest (MT)	Non-Target Groundfish (MT)	Halibut Mort. (MT)	Red King Crab (N)	Bairdi (N)	Other Tanner (N)	Herring (N)	Chinook (N)	Other Salmon (N)
ALDEBARAN	169.68	9.34	0.16	0	10	0	0.00	0	0
NORDIC EXPL.	0.00	0.00	0.00	0	0	0	0.00	0	0
INTREPID EXPL.	0.00	0.00	0.00	0	0	0	0.00	0	0
ARCTURUS	0.00	0.00	0.00	0	0	0	0.00	0	0
COLUMBIA	92.69	23.90	1.97	0	92	62	0.00	15	0
CAPE KIWANDA	0.00	0.00	0.00	0	0	0	0.00	0	0
DOMINATOR	116.12	39.25	2.53	0	111	84	0.00	19	0
DONA MARTITA	42.45	11.44	1.62	0	40	47	0.00	6	0
SOVEREIGNTY	0.00	0.00	0.00	0	0	0	0.00	0	0
NORTHERN PATRIOT	0.00	0.00	0.00	0	0	0	0.00	0	0
EXODUS	52.79	12.93	0.59	0	22	31	0.00	5	0
GLADIATOR	0.00	0.00	0.00	0	0	0	0.00	0	0
GOLDEN DAWN	0.00	0.00	0.00	0	0	0	0.00	0	0
HAZEL LORRAINE	0.00	0.00	0.00	0	0	0	0.00	0	0
LESLIE LEE	0.00	0.00	0.00	0	0	0	0.00	0	0
LISA MELINDA	0.00	0.00	0.00	0	0	0	0.00	0	0
MAJESTY	507.75	175.14	11.21	0	506	0	0.03	0	3
MARCY J	0.00	0.00	0.00	0	0	0	0.00	0	0
MARGARET LYN	0.00	0.00	0.00	0	0	0	0.00	0	0
NW EXPLORER	0.00	0.00	0.00	0	0	0	0.00	0	0
PACIFIC RAM	0.00	0.00	0.00	0	0	0	0.00	0	0
PACIFIC VIKING	329.63	52.74	3.32	0	142	75	0.00	17	2
PEGASUS	116.09	27.38	1.42	0	50	39	0.00	6	0
RAVEN	88.86	19.60	2.82	0	66	66	0.00	14	0
ROYAL AMERICAN	319.50	68.04	3.08	0	130	82	0.00	20	0
TRAVELER	0.00	0.00	0.00	0	0	0	0.00	0	0
VIKING EXPLORER	223.57	38.22	2.84	1	124	65	0.00	19	0
TOTALS	2059.13	477.98	31.56	1	1293	551	0.03	121	5
TOTAL ALLOCATION	3,912.32		158.00						
UNHARVESTED ALLOC.	1,853.19		126.44						

Exempt Vessels	Pacific Cod Harvest (MT)	Non-Target Groundfish (MT)	Halibut Mort. (MT)	Red King Crab (N)	Bairdi (N)	Other Tanner (N)	Herring (MT)	Chinook (N)	Other Salmon (MT)
BLUE FOX	487.29	103.91	9.99	0	298	209	0.00	59	5
GOLDEN PISCES	744.99	205.85	13.56	0	505	209	0.00	106	16
PERSEVERANCE	612.20	127.16	7.02	0	313	165	0.09	69	1
PREDATOR	205.93	63.86	8.01	0	192	100	0.00	24	4
SEEKER	819.87	203.69	20.62	0	771	225	0.00	141	29
PEGGY JO	0.00	0.00	0.00	0	0	0	0.00	0	0

Chum Salmon Bycatch Program

As described earlier, a chum salmon bycatch program was created and implemented through the work of the inter-coop group. The result was a Chum Salmon Bycatch Agreement that was adopted by all of the coops. One of the goals of this program was to collect timely salmon bycatch data and get the results of this data back out to the fleet in a real-time fashion. The hope was that by having timely bycatch rates in specific areas the fleet could better avoid chum salmon bycatch. Incorporated in this program were weekly closures, which effected coops that had shown high bycatch rates over the course of the season.

The catalyst to this program was timely tow-by-tow salmon bycatch data. It was necessary to transmit this data from the fishing grounds as much as possible to allow for bycatch rates to be as real time as possible. This would allow the fleet to react to these rates and assume them the most current snapshot of what was happening on the grounds. Many of the Akutan Catcher Vessel Association vessels used software in conjunction with their onboard VMS system to transmit data through the VMS unit directly to Sea State, Inc. While the software had its problems due to being new and untested, the vessels had reasonable success transmitting data from the vessels on the grounds. Vessels that did not have the VMS software transmitted their data to the Coop Manager and to Sea State in text format via their Sat C units. Both methods allowed for rapid data transfer from the fishing grounds. Data that could not be sent from the grounds, for one reason or another, was obtained from fish ticket data or if possible at the time of offload.

The Akutan Catcher Vessel Association vessels finished the Bering Sea pollock C/D season with a season rate of 0.060 chum salmon per MT of pollock harvested. The coop was able to avoid any closures for a large part of the season, however, fleet wide rate increases in the last month of operation subjected the ACVA to several weekly closures. No violations of the weekly closures took place by any vessel in this coop.

ACVA Gulf of Alaska Sideboards

Sideboard caps were established for both pollock fisheries and cod fisheries in the Gulf of Alaska. For the year 2000 NMFS published informational tables with GOA cod and pollock sideboard percentages for each coop's non-exempt vessels. These percentages resulted in GOA non-exempt sideboard caps for each coop based upon the relevant verified catch histories of their member vessels. New GOA informational tables were not issued for 2001 by NMFS. Therefore, 2000 coop percentages had to be used to split up 2001 GOA non-exempt sideboards. As a result, if a vessel switched coops in 2001 or joined a coop for the first time, their relevant non-exempt GOA sideboards did not follow them to their 2001 coop. This fact resulted in the ACVA not receiving sideboards for all of its member vessels in 2001.

Three vessels from the Akutan Catcher Vessel Association participated in GOA sideboard fisheries in 2001. Sideboard caps were not reached during any season for either pollock or cod due to closures of the fisheries prior to reaching sideboard caps.

Table 6 and 7 which follow, show the ACVA GOA sideboard allocations, any inter-coop transfers executed and the harvest in each sideboard fishery by vessel. All additional harvesting in the GOA by Akutan Catcher Vessel Association vessels took place on vessels which were classified as GOA exempt vessels.

TABLE 6:

The figures here are total sideboard amounts by season and area based on 2000 coop percentages. Intra-coop transfers made are noted in the center columns and allocations after transfers are the result.

TABLE 7:

As noted above, three vessels participated in GOA sideboard fisheries in 2001. No seasonal sideboard caps were reached due to closure of the fisheries prior to vessels being able to harvest sideboard caps. During each opening, however, reasonable success was seen due to some relaxation in Stellar sea lion regulations allowing for more fishing areas.

TABLE 6
AKUTAN CATCHER VESSEL ASSOCIATION
2001 GOA SIDEBOARD ALLOCATIONS BY AREA

Area/Species	Coop Sideboard Shares "A" Season (MT)	Inter Coop Transfers (MT)	"A" Sideboard Shares After Transfers (MT)
610 Pollock	1749	0	1749
620 Pollock	58	0	58
630 Pollock	480	0	480
Shelikof Pollock	889	0	889

Area/Species	Coop Sideboard Shares "B" Season (MT)	Inter Coop Transfers (MT)	"B" Sideboard Shares After Transfers (MT)
610 Pollock	875	0	875
620 Pollock	29	0	29
630 Pollock	240	0	240
Shelikof Pollock	444	244	688

Area/Species	Coop Sideboard Shares "C" Season (MT)	Inter Coop Transfers (MT)	"C" Sideboard Shares After Transfers (MT)
610 Pollock	2497	0	2497
620 Pollock	673	0	673
630 Pollock	755	0	755
Shelikof Pollock	N/A	0	N/A

Area/Species	Coop Sideboard Shares "D" Season (MT)	Inter Coop Transfers (MT)	"D" Sideboard Shares After Transfers (MT)
610 Pollock	2080	(408.24)	1671.76
620 Pollock	561	0	561
630 Pollock	629	(176.00)	453.00
Shelikof Pollock	N/A	0	N/A

Area/Species	Coop Sideboard Shares (MT)	Inter Coop Transfers (MT)	Sideboard Shares After Transfers (MT)
Pacific Cod Western	833	0	675.89
Pacific Cod Central	686	0	556.61
Pacific Cod Eastern	0	0	0

TABLE 7
AKUTAN CATCHER VESSEL ASSOCIATION
2001 GOA SIDEBOARD HARVEST BY AREA

Vessel	610 Pollock A Harvest (MT)	610 Pollock B Harvest (MT)	610 Pollock C Harvest (MT)	610 Pollock D Harvest (MT)
Majesty	655.47	0	945.01	1416.93
Seasonal Allocation:	1749	875	2497	2080
Unharvested Allocation:	1093.53	875	1551.99	663.07

Vessel	620 Pollock A Harvest (MT)	620 Pollock B Harvest (MT)	620 Pollock C Harvest (MT)	620 Pollock D Harvest (MT)
Majesty		0	53.38	22.17
Seasonal Allocation:	58	29	673	561
Unharvested Allocation:	58	29	619.62	538.83

Vessel	630 Pollock A Harvest (MT)	630 Pollock B Harvest (MT)	630 Pollock C Harvest (MT)	630 Pollock D Harvest (MT)
Majesty	282.37		0	0
Nordic Explorer		82.85		
Seasonal Allocation:	480	240	755	629
Unharvested Allocation:	197.63	157.15	755	629

Vessel	Shelikof A Harvest (MT)	Shelikof B Harvest (MT)
Majesty	391.47	
Nordic Explorer		324.15
Intrepid Explorer		291.04
Seasonal Allocation:	889	444
Transfers		244
Total Seasonal Allocation:		688
Unharvested Allocation:	497.53	72.81

AFA Red King Crab Sideboards

Due to the length of the C and D season pollock fisheries in the Bering Sea seven of the ACVA eligible vessels participated in the 2001 Bering Sea Red King crab fishery. These vessels operated under the management structure that was established by industry to assure that the AFA Red King sideboard cap was not exceeded by the participating vessels.

Table 9 below shows the round landings of the ACVA participating vessels as well as the related percentage of the sideboard cap each vessel harvested.

TABLE 8
AKUTAN CATCHER VESSEL ASSOCIATION
2001 RED KING CRAB SIDEBOARD HARVEST

724,867

Vessel	Red King Crab Landings (lbs.)	% of AFA Sideboard Total
Aldebaran	25,317	3.49%
Dominator	49,161	6.78%
Viking Explorer	24,805	3.42%
Gladiator	19,315	2.66%
Golden Dawn	25,779	3.56%
Royal American	18,410	2.54%
Margaret Lyn	5,883	0.81%

PETER PAN SEAFOODS 2001 COOP REPORT:**Final Copy****1.0 Introduction:**

The 2001 Peter Pan Seafoods CoOp was allocated 1.725% of the Inshore component of the BSAI 2001 pollock TAC. (The 1.725% allocation was based on CoOp members, confirmed by NMFS, historical catch.)

* After Baycatch (Incidental catch Reserves) Reserves were released back into the directed pollock fishery. The PPSf CoOp allocation of 1.725% was equal to:

A/B season:	9,200,236	4173.20 mt
C/D season:	14,537,132	6594.00 mt
Total Allocation:	23,737,368	10767.20 mt

The individual catcher vessels belonging to the PPSF CoOp were given individual percentages of the CoOps allocation based on (confirmed by NMFS) historical catch brought to the PPSF CoOp. This is showed in Table 1-A.

Using information on historical catch history percentages, table 1-B shows you how pollock allocations were given for the entire year.

Fishing Vessel	Historical poundage	%
Amber Dawn	1,182,007	6.91%
Am Beauty	355,253	2.08%
Elizabeth F	3,721,320	21.76%
Ocean Hope 1	5,319,391	31.11%
Oceanic	1,301,119	7.61%
Ocean Leader	528,599	3.09%
Providian		0.00%
Topaz	799,429	4.68%
Walter N	3,890,802	22.76%
TOTAL:	17,097,920	100.00%

PPSF goals by boat percentages and pounds				
SEASON	VESSELS	%	mt	pounds
A / B Season	Am Beauty	6.91%	288.37	635,736
	Amber Dawn	2.08%	86.80	191,365
	Elizabeth F	21.76%	908.09	2,001,971
	Ocean Hope 1	31.11%	1298.28	2,862,193
	Ocean Leader	3.09%	128.95	284,287
	Oceanic	7.61%	317.58	700,138
	Providian	0.00%	0.00	-
	Topaz	4.68%	195.31	430,571
	Walter N	22.76%	949.82	2,093,974
	total	100.00%	4173.20	9,200,236
C / D Season	Amber Dawn	6.91%	455.65	1,004,516
	Am Beauty	2.08%	137.16	302,372
	Elizabeth F	21.76%	1434.85	3,163,280
	Ocean Hope 1	31.11%	2051.39	4,522,502
	Ocean Leader	3.09%	203.75	449,197
	Oceanic	7.61%	501.80	1,106,276
	Providian	0.00%	0.00	-
	Topaz	4.68%	308.60	680,338
	Walter N	22.76%	1500.79	3,308,651
	total		6594.00	14,537,132
total PPSF COOP 10,767.2 mt				

1.1 List of Member Vessels:

Vessel Name:	ADF&G:	AFA #:
Amber Dawn	00028	0980
American Beauty	24255	1688
Elizabeth F	14767	0823
Ocean Hope 1		
Ocean Leader	00032	1229
Oceanic	03434	1667
Providian		
Topaz	40250	0405
Walter N	34919	0825

1.2 PPSF Coop membership agreement:
Attachment Number One

1.3 Catcher Vessel Intercoop Agreement:
Attachment Number Two

2.0 Pollock allocations to PPSF Bering Sea CoOp members and actual catch:

Bering Sea Pollock allocations were split up as shown previously in tables 1-A and 1-B. Bering Sea Pollock catches were recorded and monitored thru the PPSF King Cove shorebased plant office. This is shown to you in tables in the following two pages, each page being earmarked with associated fishing season.

Amber Dawn	Fish Ticket #:	Pounds delivered:	Pounds remaining:
20-Jan-01	A/B allocation:		635,736
01-Feb	16356	285,740	
03-Feb	16370	328,764	
DONE		614,504	21,232

CoOp Total A/B:	
9,200,236	allocated for A/B
9,190,351	Total Harvested
9,885	Allocated pounds remaining

American Beauty/Ocean Leader		Pounds delivered:	Pounds remaining:
20-Jan-01	A/B allocation:		475,641
OL 02/20/2001	16270	339,392	
OL 02/24/2001	16041 (48%)	136,249	
OL 03/07/2001 (cleanup)	20604 (16%)	29,530	
DONE		505,171	(29,530)

GA Pool Math:	
AB	191,365
CI	284,276
A/B Total:	475,641

Elizabeth F		Pounds delivered:	Pounds remaining:
20-Jan-01	A/B allocation:		2,001,871
04-Feb	14767	220,344	
06-Feb	16312	211,816	
08-Feb	16278	223,102	
10-Feb	16285	206,052	
13-Feb	16300	204,155	
16-Feb	16261	244,307	
18-Feb	16283	231,379	
21-Feb	16275	209,717	
25-Feb	16044	238,005	
DONE		1,988,878	13,093

Ocean Hope 1		Pounds delivered:	Pounds remaining:
20-Jan-01	A/B allocation:		2,862,193
AD 2-6:	16310	302,465	
AD 2-10:	16284	143,113	
AD 2-13:	16251	309,715	
AD 2-15:	16257	367,001	
AD 2-18:	16262	331,333	
AD 2-20:	16271	55,165	
OL 2/24	16041 (54%)	159,343	
AD 2-26	16042	332,380	
OL 2-28	16010	337,781	
OL 3-2	16022	364,814	
OL 3-7	20604 (84%)	159,083	
DONE		2,862,193	

Oceanic		Pounds delivered:	Pounds remaining:
20-Jan-01	A/B allocation:		700,138
01-Feb	19360	378,294	
27-Feb (cleanup)	16004	297,841	
DONE		676,135	24,003

Topaz		Pounds delivered:	Pounds remaining:
20-Jan-01	A/B allocation:		430,571
11-Mar	20609	261,710	
13-Mar	20611	185,480	
DONE		447,200	(16,629)

Walter N		Pounds delivered:	Pounds remaining:
20-Jan-01	A/B allocation:		2,093,236
20-Feb	16272	369,660	
24-Feb	16043	325,508	
01-Mar	16018	346,832	
02-Mar	16023	361,256	
05-Mar	20601	335,658	
07-Mar	20603	357,146	
DONE		2,086,270	(3,034)

Amber Dawn	Fish Ticket #:	Pounds delivered:	Pounds remaining:
	C/D allocation		1,004,518
7/5-AB - Dock	G97-005302	233,310	
7/5-AD - Island Trader	G97-005348	132,273	
7/12-AB - Dock	G97-005303	110,453	
7/18-AB - Dock	G97-005304	62,447	
7/21-AD - Dock	G97-005308	77,784	
9-18-OL	C00-039033	328,436	
28-Sep	C00-038895	59,835	
		1,004,518	(0)

CoOp Total C/D:	
14,537,132	Allocated C/D
13,780,278	Total Harvested

Vehicle Name:	C/D Revised	Total for Year
	after bycatch release	
Amber Dawn	1,004,516	1,040,282
American Beauty	302,372	403,737
Elizabeth F	3,153,280	5,183,251
Ocean Hope 1	4,522,502	7,384,895
Ocean Leader	449,197	733,485
Oceanic	1,108,278	1,806,414
Topaz	660,336	1,110,969
Walter N	3,308,651	5,402,625
	14,537,132	23,737,368

American Beauty/Ocean Leader	Pounds delivered:	Pounds remaining:
C/D allocation		761,570
6/28-AB - Island Trader	G97-005344	254,980
6/30-AB - Island Trader	G97-005349	38,230
8/12-OL	G00-038930	318,250
28-Sep	G00-038895	141,720
	753,178	(1,508)

Elizabeth F	Pounds delivered:	Pounds remaining:
C/D allocation		3,183,280
6/11 - Island Trader	G99-020809	78,484
6/11 - Dock	G98-034915	150,385
6/14 - Dock	G88-034821	224,042
6/18 - Dock	G98-034923	77,879
6/20 - Dock	G98-034924	205,358
6/24 - Island Trader	G99-020909	218,160
6/28 - Island Trader	G07-005345	23,838
7/27 - Island Trader	G97-005436	189,188
7/30 - Island Trader	G97-005459	188,332
8/2 - Island Trader	G97-005462	218,876
8/11 - Trident Alutian	G00-021430	189,892
8/7 - Island Trader	G87-005465	205,785
8/10 - Island Trader	G97-005467	138,580
8/10 - Dock	G97-005376	44,421
8/13 - Island Trader	G97-005469	224,900
8/15 - Walter N Alyeska	G00-028513	202,403
8/16 - Island Trader	G97-005470	222,002
8/18 - Island Trader	G00-039951	205,800
	3,025,737	137,543

Ocean Hope 1	Pounds delivered:	Pounds remaining:
C/D allocation		4,522,502
6/30-AB - Island Trader	G97-005348	281,184
7/2-AD - Island Trader	C97-005347	281,046
7/8 - AB - Island Trader	G97-005349	327,993
7/12-AB - Island Trader	G97-005350	191,388
7/15-AB - Island Trader	G97-005451	390,605
7/17-AB - Island Trader	C97-005452	351,014
7/21-AB - Island Trader	G97-005453	317,349
7/24-AB - Island Trader	G97-005454	421,574
7/28-AB - Island Trader	G97-005457	218,849
7/31-AB - Island Trader	G97-005450	287,023
9/13-OL	G00-039925	174,882
9/19-OL	G00-039898	360,473
21-Sep	G00-039891	282,851
24-Sep	G00-039537	343,232
28-Sep	G00-039605	138,438
DONE	4,522,502	(0)

Oceanic	Pounds delivered:	Pounds remaining:
C/D allocation		1,108,278
8/20 - Dock	G00-039902	539,752
9/5 - Dock	C00-038911	568,526
DONE	1,084,345	21,931

Topaz	Pounds delivered:	Pounds remaining:
C/D allocation		660,336
23-Sep	G00-039934	191,599
	191,599	468,739

Walter N	Pounds delivered:	Pounds remaining:
C/D allocation		3,308,651
6/13 - Dock	G98-034918	304,879
6/17 - Dock	G98-034922	178,335
6/21 - Dock	G98-034925	309,989
6/25 - Island Trader	G97-005343	263,920
7/26 - Island Trader	G97-005435	292,195
7/29 - Island Trader	G97-005300	138,825
7/29 - Island Trader	G97-005458	160,844
8/01 - Island Trader	G97-005481	289,782
8/03 - Island Trader	G97-009499	322,224
8/6 - Island Trader	G97-005484	284,961
8/8 - Island Trader	G97-005486	316,130
8/11 - Island Trader	G97-005488	328,346
8/15 - Walter N Alyeska	C00-028513	28,178
	3,208,398	100,253

3.0 CO-OP CATCHER VESSEL SIDEBOARD LIMITATIONS, BSAI & GOA.

2001 PPSF CoOp was made up of 9 Catch Histories and 7 active catcher vessels.

- ** 4 of these 7 vessels were Non-Exempt vessels fishing in both the mothership and the shoreside sectors.
- ** It was to the understanding of the PPSF Co-OP that these vessels fishing both sectors were to have their sideboard codfish monitored by the mothership sector.
- ** The other three participating vessels are GOA Exempt vessels.

BSAI P. Cod fishing:

- ** 4 of the 5 PPSF Co-Op vessels participated in the fishery.
- All 4 of the vessels were also fishing and being monitored by the Mothership sector.
- ** Our fifth vessel was an exempt vessel and did not participate in this season.

GOA Sideboard pollock fisheries:

- ** One delivery from the PPSF non-exempt vessels participated in this fishery.

GOA Sideboard cod fisheries:

- ** One delivery from the PPSF non-exempt vessels participated in this fishery.

Directed Yellowfin and other flatfish fisheries:

- ** None of the PPSF non-exempt vessels participated in this fishery.

Fishing Vessel:	Delivery lbs.	125 Roxsole	122 Flatheadssole	123 Rocksole	124 Doversole	143 Thornyhead	210	Eola	121 Arrowhead	145 Yelloweye	213 Grenadier	270 Pollock	700 Skate	110 P. Cod
26-Jan	12,258		889	287				957				8,786	92	1,247
29-Jan	2,169		1,247	100										817
totals:	14,427	-	2,138	387	-	-	-	957	-	-	-	8,786	92	2,064

3.1 CO-OP EXEMPT CATCHER VESSEL CATCH FOR GULF OF ALASKA

PPSF had three GOA exempt vessel. This is a list of GOA species and pounds harvested:

Species:	Walter N:	Elizabeth F:	Topaz:	3 vessel total:
Arrowtooth Flounder	545,657	38,543	514,339	1,098,539
Butter Sole	12,653	2,385	10,635	25,673
Chinook	569	321	10	800
Chum	90	10	0	100
Coho			0	-
Crabs	253		730	983
Dogfish			780	780
Dover Sole	3,949	2,210	66,229	72,388
Dusky Rockfish	13,070	4,745	0	17,815
Eels			77,453	77,453
Eulachon			10,752	10,752
Flathead Sole	26,965	4,086	0	31,052
Greenland Turbot			0	-
Greenling		32	0	32
Grenadier	1,107	1,389	16,837	19,333
Halibut	51,982		0	51,982
Harlequin			0	-
Herring	110		7,200	7,310
Ling Cod		300	30	330
Northern Rockfish	27,824	7,592	2,000	37,416
Pacific Cod	898,713	250,799	32,212	1,221,724
Pacific Ocean Perch	508,720	282,217	898	791,835
Pinks			1,403,395	1,403,395
Pollock	2,838,361	1,987,078	369,542	5,194,981
Rex Sole	19,175	4,745	0	23,920
Reek Sole	58,123	23,339	2,570,092	2,651,554
Rosethorn		206	4,172	4,378
Rougheye	30	7,495	1,257,510	1,265,035
Sablefish	25,268	11,304	0	36,572
Salmon Shark			250	250
Sardine	211		18086	18,277
Saury	620		0	620
Sculpin	739	101	0	840
Shark, General	10,837	2,100	23,202	36,139
Sharpchin			0	-
Shortraker Rockfish	1,341	85	0	1,426
Skate	8,835	98	44,958	53,891
Sleeper Shark				-
Spinydogfish Shark			2,580	2,580
Smelt	115,514	77,147	3,443	196,104
Squid	2,781	1,091	40	3,912
Starry Flounder			34,501	34,501
Thornyhead Rockfis	572	988	472	2,032
Total:	5,174,070	2,760,406	6,472,328	14,396,804

4.0 PSC USAGE BY THE PPSF CO-OP FISHING VESSELS: (Pollock Deliveries only)

Fishing Vessel:	Delivery lbs.	Pollock lbs.	Delivery Date	200 Halibut	931 Balrdi Crab	932 Opilio Crab	921 Red Crab	922 Blue King Crab	410 King Salmon	460 Chum Salmon
Amber Dawn:										
	288,893	285,740	Feb. 1						2 pcs	
	331,607	328,764	Feb. 3						8 pcs	
	307,457	302,241	Feb. 6						7 pcs	
	149,017	143,042	Feb. 10							
	325,092	309,592	Feb. 13	1 pc					1 pc	
	377,120	357,001	Feb. 15	1 pc					2 pcs	
	345,691	331,333	Feb. 18	2 pcs					2 pcs	
	57,052	55,185	Feb. 22							
	334,862	332,380	Feb. 26							
totals:	2,516,791	2,455,268		4 pcs	0	0	0	0	22 pcs	0
Elizabeth F:										
	225,863	220,233	04-Feb							
	216,154	211,616	06-Feb						1 pc	
	228,491	222,984	08-Feb						8 pcs	
	214,023	206,052	10-Feb							
	210,156	203,916	13-Feb							
	247,973	244,307	16-Feb						2 pcs	
	235,800	231,739	18-Feb						1 pc	
	211,235	209,717	22-Feb						1 pc	
	239,894	237,610	25-Feb	4 pcs					3 pcs	
totals:	2,029,189	1,988,674		4 pcs	0	0	0	0	16 pcs	0
Ocean Leader:										
	345,718	338,312	22-Feb						1 pc	
	311,745	295,592	24-Feb	1 pc						
	338,456	337,781	28-Feb							
	385,315	364,732	02-Mar						2 pcs	
	189,337	188,593	07-Mar							
totals:	1,550,571	1,526,010							2 pcs	
Oceanic:										
	387,962	378,021	02-Feb						1	
	298,286	297,841	27-Feb							
totals:	686,248	675,862							1 pc	
Walter N:										
	370,584	369,660	21-Feb						2	
	331,444	325,508	25-Feb	2					6	
	347,543	346,832	01-Mar						2	
	362,343	361,256	02-Mar						2	
	337,353	335,868	05-Mar						7	
	357,720	357,146	07-Mar						1	
totals:	2,106,967	2,086,270		2 each					20 pcs	
Topaz:										
	263,129	261,710	11-Mar							
	186,031	185,450	12-Mar						2	
totals:	449,160	447,200							2 pcs	

[REDACTED]										
Oceanic:										
		538,752	30-Aug							
		546,693	05-Sep							
total:	-	1,084,345		0	0	0	0	0		

Waikar N:										
	311,021	304,878	13-Jun							5
	180,465	178,355	17-Jun							1
	303,637	300,869	21-Jun							
	266,375	265,053	25-Jun							
	298,289	282,185	22-Jul							33
	138,007	136,825	29-Jul							5
	161,538	160,844	29-Jul							3
	290,678	289,762	01-Aug							19
	323,858	322,224	03-Aug							1
	288,246	284,961	05-Aug							1
	315,946	315,800	08-Aug							
	328,438	328,346	11-Aug							1
Alyeska		231,581	15-Aug							80
total:	3,206,486	3,411,694		0	0	0	0	0		154 each

Topaz:	Topaz:									
	191,589	188,350	23-Sep						8	76
total:	191,589	188,350		7 each	0	0	0	0	8 pcs	76 pcs

**Report of the
Arctic Enterprise Association
2001**

**Presented to the
North Pacific Fisheries Management Council
January 31, 2002**

Cooperative Organization and Membership

The Arctic Enterprise Association was formed in December of 1999 in order to promote the rationalization of the onshore pollock harvest in the Bering Sea and Aleutian Islands trawl fisheries through mutual cooperation of its member vessels.

In 2001, the Arctic Enterprise Association was made up of 4 vessels eligible under the American Fisheries Act to harvest pollock in the Bering Sea directed pollock fishery. This cooperative was formed in affiliation with the Arctic Enterprise floating processor, owned by Trident Seafoods, as its primary purchasing and processing facility. This processor was operated at anchor in Akutan, Alaska. The coop was allocated a percentage of the Bering Sea directed pollock TAC, as well as sideboard fisheries, based on the relevant catch histories of the individual vessels. All potential member vessels catch history was submitted to Sea State, Inc. prior to the coop's inception. Sea State was hired as an independent third party to aid in the catch history verification process. Sea State verified all of the data brought forth which resulted in the coop pollock percentages listed below. The following table shows the 2001 Arctic Enterprise Association member vessels and their corresponding pollock percentage within the cooperative.

Vessel	Coop Percent
BRISTOL EXPLORER	25.98%
ARCTIC EXPLORER	27.97%
OCEAN EXPLORER	23.72%
PACIFIC EXPLORER	22.33%
TOTALS	100.00%

In 2001 the percentages above were not used for the distribution of pollock shares or for sharing costs needed for operation of the cooperative. Bering Sea pollock allocations were split up evenly between these vessels based on an agreement between the member vessels in the Coop. This split was used for harvest purpose and for covering coop expenses.

Issues and decisions regarding political positions or coop operations were made either by the membership or by the Board of Directors for the coop, depending on the issue. The Arctic Enterprise Association is very active in the inter-coop process and is bound contractually through the Inter-Coop Agreement. Relevant inter-coop issues were brought back and voted on at the membership level to assure members were being well represented at the inter-coop. The following is a description of the workings and purpose of the Inter-Coop Agreement:

Introduction

During early January 2000, representatives of the nine catcher vessel cooperatives developed an agreement that governs the relationships between the individual cooperatives. This agreement was approved by all the catcher vessel (CV) cooperatives on January 19, 2000. Modifications to the original agreement were made for the year 2001, however, the majority of the original agreement remained the same. The primary reasons for this agreement include:

- 1) Allocation, monitoring and compliance of the GOA and BSAI groundfish limits among the coops;
- 2) Allocation, monitoring and compliance of certain PSC caps by the individual cooperatives;
- 3) Allocation, monitoring and compliance of the harvest of BSAI pollock inside the Stellar Sea Lion Conservation Area (over and =/under 99' vessels);
- 4) Establishment of penalties for a coop exceeding its pollock and sideboard allocations;
- 5) Provide for the harvest of BSAI P. cod for the "< 1700 MT" exempt vessels while complying with AFA PSC limits;
- 6) Establishment and monitoring of sideboard species transfers between cooperatives, and
- 7) To promote compliance of the Council's recommended Sideboard measures and PSC limits while allowing for maximum harvest of the AFA pollock and sideboard allocations.

Sideboard Management

In accordance with Section 211(c) of the AFA, the North Pacific Fisheries Management Council (Council) adopted sideboard species caps to give assurances to non-AFA vessel owners that AFA vessels would not harvest more than their traditional levels of groundfish fisheries in the GOA and BSAI. However, the Council and NMFS did not provide allocations of sideboard species to the individual cooperatives. Rather, they established an aggregate groundfish sideboard cap for all AFA catcher vessels. In order to work together to meet the Council's intent of not exceeding these caps, all nine CV cooperatives agreed to individual coop harvest limits and penalties for all sideboard fisheries, combined with an industry funded and established catch monitoring program (Sea State, Inc.).

The cooperatives agreed to limit their collective members' harvest of each sideboard species to the amount determined by a history-based formula set out in the Inter-Coop Agreement. The formula includes reserving an amount of each sideboard species necessary to fund bycatch needs of other directed fisheries (example: P. cod bycatch in the Pollock or YFS fisheries).

Making this agreement somewhat difficult was the Council established exempt vessel classification for CVs. The Council established an exemption to the BSAI P cod limit for AFA vessels < 125' LOA whose annual BSAI Pollock landings during 1995-1997 were less than 1700mt and had made more than 30 deliveries of P. cod during those years. The Council also exempted the Mothership AFA vessels from the BSAI P. cod cap after March 1st. In addition, the Council made an exemption to the GOA groundfish limits for AFA vessels < 125' LOA whose annual BSAI Pollock landings during 1995-1997 were less than 1700mt and had made more than 40 GOA deliveries of groundfish during those years. The agreement allows the

exempt vessels unlimited access to the directed fishery, while constraining them to an acceptable PSC rate.

The Council's exempt recommendation was for an exemption to the directed species, (in this case P. cod), and not an exemption to associated PSC bycatch. To address this problem, the Inter-Coop Agreement contains language that provides for the AFA exempt vessels to fish the BSAI CV cod directed fishery allowance unconstrained. The agreement also provides for an allocation of PSC to these exempt vessels' coop as long as these vessels PSC rate below the acceptable AFA fleet rate.

PSC Management

Each coop receives PSC cap allocations for its non-exempt vessels proportionate to its related sideboard species allocations. In addition, each coop receives an initial PSC allocation for its exempt vessels. If a coop's exempt vessels' PSC rate remains at or below the predetermined acceptable rate, the coop can receive additional PSC when needed, as determined by the Monitoring Agent (Sea State), in order to continue fishing for BSAI P. cod. This "refreshing of PSC" only applies to the exempt AFA Vessels within a coop. The non-exempt AFA vessels have to live with their initial allocation of PSC.

Monitoring

The agreement acknowledges that timely reported catch data is necessary. Coops are required to provide timely data on sideboard catch and PSC to a monitoring agent. The nine CV coops have agreed to contract with Sea State, Inc. to provide centralized monitoring and reporting. Data sources include the new NMFS Shoreside Logbook Reporting Program, along with the Observer Program information. An inter-coop manager was hired and retained by United Catcher Boats to facilitate inter-coop operations.

For example, using information available on the Sea State web site, the coop members were able to determine general trends in fleet bycatch by time and area. Halibut mortality rates were established by Sea State based on in season observer data. Weekly rates were available to coops by area and in aggregate. Overall fleet directed and bycatch amounts were monitored to facilitate transfers, cap utilization and bycatch reduction.

Another example involves coop members' efforts to manage salmon bycatch this fall. A chum salmon bycatch program was developed by the inter-coop group to aid in the avoidance of chum salmon during the C/D season pollock fisheries. This program relied upon daily and often tow-by-tow salmon bycatch data in order to determine real time bycatch rates that could be used immediately by the fleet. The program set up two Bering Sea management regions and incorporated weekly savings closures triggered for each one of the Bering Sea regions. These closures were triggered by bycatch rates for the particular week that were in excess of the predetermined threshold levels. This program also required vessels that experience an incident of high salmon bycatch to notify the rest of the fleet with information about the "hot spot". A daily on-grounds reporting system was developed to allow timely data transfer from the fishing grounds.

Sea Lion RPAs

Through the Inter-Coop Agreement, the coops agreed to limit their aggregate annual pollock harvest of its members per season and per area to the percentage of the annual inshore pollock directed fishing allowance. This included incorporating the Council recommended measure that exempts vessels under 99' LOA from the CVOA closures during the fall and winter months.

Penalties

The nine CV coops agreed to establish a penalty clause in the Inter-Coop Agreement in order to create over harvest disincentives. The penalty for an Inshore Coop member exceeding its pollock allocation amount for area or season is \$500/mt for the pollock "A" season and \$300/mt for the remaining three seasons. For exceeding a BS, AI and GOA P. cod sideboard allocation, the penalty amount is \$1,000/mt. For exceeding all other groundfish sideboard species, the penalty amount is \$300/mt.

For this past year Sea State Inc. determined that none of the CV coop members exceeded their harvest allocations for either directed AFA pollock or sideboard species. Thus there were no penalties assessed.

Transfers

The Inter-Coop Agreement allows for the facilitation of transfers of pollock allocation and Sideboard limits among members. Upon verification of available cap by Sea State and the approval of transfer by the inter-coop manager, sideboard caps of directed and prohibited species were transferred between coops. By allowing transfers, coops managed fleets to improve utilization of target species, reduce bycatch and provide a mechanism by which coops could manage their fleets to comply with the Inter-Coop Agreement.

Coop Daily Operations

The Coop Manager carried out daily operations and allocation management for Arctic Enterprise Assoc. fisheries. Member vessels were required, to the best of their ability, to advise the Coop Manager of their intended fisheries and dates of operation for their vessel(s) prior to the start of January openings. These operational plans were used to help determine start dates for the coop fisheries to assure that entire coop allocations could be harvested within the dates allowed by the regulations. The Arctic Enterprise Association was successful in allowing member vessels to harvest their allocations as it best suited each individual vessel.

The intra-coop monitoring of target fishery allocations and sideboard fisheries was accomplished through a joint effort between the Cooperative Manager and Sea State, Inc. The data required for in-season management of target species was derived from fish tickets and NMFS Delivery Reports which were transmitted to Sea State and the Coop Manger on a daily basis from the processing facility. Data was sent to Sea State via the use of the NMFS Electronic Logbook software. Data on remaining allocations by vessel was transmitted back to the fleet via the Coop Manager on a daily basis. The Coop Manager and Sea State both kept independent records of

coop fishing activity but worked closely to assure the two data sets were consistent. This process assured the coop that no data or deliveries were unaccounted for.

Data for monitoring the usage of prohibited species within the coop fisheries was obtained from both the NMFS Observer Program office as well as through the NMFS delivery reports. Observer data for individual vessels is available on the NMFS Observer Program web site 24 hours a day. Sea State, Inc. was authorized by the coop to have access to this data and to process it into a format that is useful to the coop.

All data generated by Sea State, inc. was available to the Coop Manager on the password protected Sea State web site. Data on the web site is available in the aggregate or by individual vessel deliveries.

Arctic Enterprise Association Pollock Allocations and Harvest

Based on the NMFS verified catch histories of its member vessels, the Arctic Enterprise Association was allocated 5.86% of the pollock available to the Bering Sea onshore component. This resulted in a year 2001 Bering Sea pollock allocation of 35,782 MT. This total allocation was distributed to member vessels equally based on an agreement by the member vessels in the Coop. Table 1 shows the initial pollock allocation to the coop and individual vessels as well as the aggregate group harvest and individual vessel harvest. In addition, the table shows the bycatch reserve release that was issued by NMFS near the end of the year as it was determined that it would otherwise go unused. Following that table is Table 2 which shows the pollock harvest along with non-groundfish catch and PSC catch.

TABLE 1

As indicated on this table in the bottom right corner, 36.81 MT of pollock was left unharvested in the Arctic Enterprise Coop for the year 2001. As you can see by looking at each individual member vessel's harvest of pollock over the year, as compared to their allocations, some intra-coop transfers occurred as a result of breakdowns. As mentioned earlier, despite each member vessel's coop percentage being different, it was agreed by all vessels in the coop to split the annual pollock allocation evenly among the boats and allow no transfers unless absolutely necessary. This was done to prevent vessels from racing to catch their fish in hopes of gaining access to another vessel's allocation that may not be performing as well. This resulted in better use of the total coop allocation and allowed vessels to concentrate more on bycatch avoidance.

TABLE 2

A/B season restrictions to protect the Stellar sea lions likely had an effect on the performance of the fishery this year as it related to the bycatch of PSC species and non-target species. However, the relief from some of those restrictions in the C/D season allowed vessels more access to fishing grounds which allowed them to target higher quality pollock and operate in areas with lower bycatch rates. Vessels were also able to operate more economically and safer as a result of the C/D season available fishing areas.

No transfers of the Arctic Enterprise Association Bering Sea pollock allocations were made to vessels outside of the coop. Enforcement penalties were established for 2001 for vessels/coops that exceeded their allocations of pollock, however, no vessels exceeded their allowed harvest level and, therefore, no enforcement penalties were assessed. The vessels that harvested in excess of their allocation did so under the direction of the Coop Manager and as a result of additional fish being transferred to the vessel. The coop as a whole did not exceed their annual allocation of Bering Sea pollock.

TABLE 1**ARCTIC ENTERPRISE ASSOCIATION
2001 POLLOCK ALLOCATIONS AND HARVEST BY VESSEL**

2001 Total Pollock Alloc: 35,431 MT
35,782 MT After Bycatch Reserve Release
351 MT Reserve Release

Vessel	Coop Percent	2001 Initial Allocation (MT)	2001 Bycatch Res. Realloc. (MT)	2001 Total Allocation (MT)	Vessel Harvest	(Over)/Under Allocation (MT)
BRISTOL EXPLORER	25.98%	8,857.75	87.75	8,945.50	8,744.57	200.93
ARCTIC EXPLORER	27.97%	8,857.75	87.75	8,945.50	8,899.57	45.93
OCEAN EXPLORER	23.72%	8,857.75	87.75	8,945.50	9,072.68	(127.18)
PACIFIC EXPLORER	22.33%	8,857.75	87.75	8,945.50	9,028.37	(82.87)
TOTALS	100.00%	35,431.00	351.00	35,782.00	35,745.19	36.81

TABLE 2
ARCTIC ENTERPRISE ASSOCIATION
2001 ACTUAL CATCH AND BYCATCH IN DIRECTED POLLOCK FISHERY

Vessel	Pollock Harvest (MT)	Non-Target Groundfish (MT)	Halibut Mort. (MT)	Herring (MT)	RKC (N)	Bairdi (N)	Tanner Other (MT)	Chinook (N)	Other Salmon (N)
BRISTOL EXPLORER	8,744.57	34.80	2.58	0.69	2	1	1	187	397.00
ARCTIC EXPLORER	8,899.57	29.84	1.68	5.27	6	2	2	121	299.00
OCEAN EXPLORER	9,072.68	35.83	2.91	1.18	5	1	1	127	446.00
PACIFIC EXPLORER	9,028.37	26.54	3.6	0.66	5	1	1	185	316.00
TOTALS	35,745.19	127.01	10.77	7.8	18	5	5	620	1,458.00
TOTAL ALLOC	35,782.00								
UNHARVESTED	36.81								

Arctic Enterprise Association Bering Sea Sideboards

Sideboard caps in the Bering Sea were established for each individual coop for Pacific cod, Yellowfin sole and Rock sole. No member vessels in the Arctic Enterprise Association participated in either the Bering Sea Yellowfin or Rock sole fishery in the year 2001.

Based on the NMFS verified catch history of its member vessels, the Arctic Enterprise Association was allocated 5.69% of the Pacific cod available for catcher vessel directed catch. This percentage resulted in a first half of the year allocation of 1,035 MT of BS cod to the coop. This amount was distributed to the Bering Sea non-exempt member vessels only as Bering Sea exempt cod vessels had their own allocation set aside prior to distribution of the non-exempt shares. All vessels in this coop were non-exempt vessels. As with pollock, the total sideboard allocation of cod to the coop was distributed evenly among the member vessels based on a previous agreement by the vessels to allocate the cod in this fashion. Table 4 shows the cod coop percentage for each of the member vessels as well as the allocation, transfers and harvest for the first half of 2001. Table 5 shows the total cod harvest as well as the non-target groundfish and the associated PSC catches for all coop vessels for the first half of 2001.

An additional 716 MT of cod sideboards became available to the coop for the second half of the year. No vessels in this coop participated in Bering Sea cod sideboard fisheries in the second half of 2001. This was due to the overall poor performance of the fishery during this time of the year as well as participation in other fisheries and operations.

TABLE 3:

There were 349.74 MT of Bering Sea Pacific cod sideboards transferred in to this coop from the Akutan Catcher Vessel Association. This brought the total "A" cod allocation for the Arctic Enterprise Association to 1,384.74 MT. A total of 197.06 MT of the 1,384.74 MT cod cap was not harvested in 2001. This fleet was able to harvest its entire Bering Sea sideboard allocation but failed to complete all of the transferred fish due to slow fishing conditions.

As with pollock, some small intra-coop transfers were made in an attempt to accommodate vessel's fishing plans and to harvest as much of the sideboard as possible. All vessels that harvested amounts in excess of their own allocation did so under the direction of the coop and its in-season manager.

TABLE 4:

Halibut mortality was the only PSC in which sideboard caps were established formally. As the harvest data shows, halibut mortality was relatively low in 2001 when compared to past rates. Only 3.14% of the Coops available halibut mortality was used to harvest the 1187.68 MT of cod. This is largely due to the area in which these vessels operated to harvest their cod.

TABLE 3**ARCTIC ENTERPRISE ASSOCIATION****2001 BS PACIFIC COD SIDEBOARD ALLOCATIONS AND HARVEST**

2001 "A" Sideboard Total:

1,035 MT

Vessel	Coop Percent	2001 "A" Sideboard (MT)	Sideboard Transfers (MT)	2001 "A" Total Sideboard	Vessel Harvest (MT)	(Over)/Under Allocation (MT)
BRISTOL EXPLORER	33.08%	258.75	0.00	258.75	176.54	82.21
ARCTIC EXPLORER	17.33%	258.75	0.00	258.75	138.10	120.65
OCEAN EXPLORER	28.61%	258.75	174.87	433.62	446.78	(13.16)
PACIFIC EXPLORER	20.98%	258.75	174.87	433.62	426.26	7.36
TOTALS	100.00%	1,035.00	349.74	1,384.74	1,187.68	197.06

TABLE 4**ARCTIC ENTERPRISE ASSOCIATION
2001 BERING SEA PACIFIC COD SIDEBOARD HARVEST AND PSC BYCATCH****Cod "A" Season Totals**

Vessels	Pacific Cod Harvest (MT)	Non-Target Grndfish (MT)	Halibut Mort (MT)	Red King Crab (N)	Bairdi (N)	Other Tanner (N)	Herring (MT)	Chinook (N)	Other Salmon (MT)
BRISTOL EXPLORER	176.54	9.70	0.23	0.20	12.78	0.08	0	0.08	0
ARCTIC EXPLORER	138.10	7.91	0.11	0	5.99	0	0	0	0
OCEAN EXPLORER	446.78	25.35	0.27	0	26.21	0.14	0	0.14	0
PACIFIC EXPLORER	426.26	23.7	0.52	0.45	28.71	0.09	0	0.09	0
TOTALS	1187.68	66.66	1.13	0.65	73.69	0.31	0	0.31	0
TOTAL ALLOC	1,384.74		36						
UNHARVESTED	197.06		34.87						

Chum Salmon Bycatch Program

As described earlier, a chum salmon bycatch program was created and implemented through the work of the inter-coop group. The result was a Chum Salmon Bycatch Agreement that was adopted by all of the coops. One of the goals of this program was to collect timely data and get the results of this data back out to the fleet in a real-time fashion. The hope was that by having timely bycatch rates in specific areas the fleet could better avoid chum salmon bycatch. Incorporated in this program were weekly closures which effected cooperatives that had shown high bycatch rates over the course of the season.

The catalyst to this program was timely tow-by-tow salmon bycatch data. It was necessary to transmit this data from the fishing grounds as much as possible to allow for bycatch rates to be as real time as possible. This would allow the fleet to react to these rates and assume them the most current snapshot of what was happening on the grounds. The Arctic Enterprise Association used software in conjunction with their onboard VMS system to transmit data through the VMS unit directly to Sea State, Inc. While the software had its problems due to being new and untested, the vessels had reasonable success transmitting data from the vessels on the grounds. Data that could not be sent from the grounds was obtained from fish ticket data or if possible at the time of offload.

The Arctic Enterprise Association vessels were able to finish the Bering Sea pollock C/D season with a season rate of 0.042 chum salmon per MT of pollock harvested. This rate was the lowest among all coops and was below the threshold triggering any area closures to this coop. The Arctic Enterprise Association was able to complete their harvest of C/D pollock without being subject to any chum salmon area closures.

Arctic Enterprise Association Gulf of Alaska Sideboards

Sideboard caps were established for both pollock fisheries and cod fisheries in the Gulf of Alaska. The Arctic Enterprise Association did not harvest any of its Gulf of Alaska sideboards in the year 2001. No GOA exempt vessels are members of the Arctic Enterprise Association.

Table 6 shows the GOA sideboard allocations. No inter-coop transfers of GOA sideboards were done in 2001 by this coop.

TABLE 5:

The figures here are total sideboard amounts by season and area.

TABLE 5
ARCTIC ENTERPRISE ASSOCIATION
2001 GOA SIDEBOARD ALLOCATIONS BY AREA

Area/Species	Coop Sideboard Shares "A" Season (MT)	Coop Sideboard Shares "B" Season (MT)	Coop Sideboard Shares "C" Season (MT)	Coop Sideboard Shares "D" Season (MT)
610 Pollock	33	17	47	39
620 Pollock	0	0	0	0
630 Pollock	0	0	0	0
Shelikof Pollock	0	0	N/A	N/A

Area/Species	Coop Sideboard Shares (MT)
Pacific Cod Western	256
Pacific Cod Central	0
Pacific Cod Eastern	0

Arctic Enterprise Association AFA Red King Crab Sideboards

None of the Arctic Enterprise Association vessels are eligible to participate in the Bering Sea Red King crab fishery.



333 First Avenue West, Seattle, WA 98119, U.S.A. Phone: (206)286-8584 Fax: (206)286-8810

January 25, 2002

Dr. Clarence Pautzke, Executive Director
North Pacific Fishery Management Council
605 West 4th Avenue, Suite 306
Anchorage, AK 99501-2252

RECEIVED
JAN 28 2002
N.P.F.M.C.

RE: 2001 Final Annual Report of the Mothership Fleet Cooperative

Dear Clarence,

Please find enclosed a copy of the 2001 Final Annual Report of the Mothership Fleet Cooperative dated January 31, 2002. A copy of the First Amendment to the Mothership Fleet Cooperative Membership Agreement is enclosed as well.

This report is intended to fully disclose all information required and identified for inclusion in an annual report to the North Pacific Fishery Management Council pursuant to Section 210 (a)(1) A and B of the American Fisheries Act and C.F.R. 679.60 (American Fisheries Act Management Measures) Section (d).

Please let me know if you or the Council members have any questions regarding this report.

Sincerely,

A handwritten signature in black ink, appearing to read 'John', written over the word 'Sincerely,'.

John Henderschedt
Operations and Fisheries Management Coordinator

Final Report
of the
Mothership Fleet Cooperative
2001

Presented to the
North Pacific Fishery Management Council
January 31, 2002

Introduction

The year 2001 marked the second year in which the mothership sector (as defined in Section 208 (c) and (d) of the American Fisheries Act) managed its Bering Sea pollock allocation under the provisions of a cooperative agreement. All twenty of the vessels qualified to participate in the mothership sector are members of the "Mothership Fleet Cooperative" and are bound by the terms of that cooperative's membership agreement. The mothership sector is assigned 10% of the BSAI directed pollock quota as per Section 206 (b) of the American Fisheries Act (AFA).

In addition to the membership agreement mentioned above, the Mothership Fleet Cooperative is a signatory to the 2001 Intercooperative Agreement, the Cod Allocation Agreement, and the Salmon Bycatch Management Agreement. These contracts establish the global rules by which all of the cooperatives jointly manage pollock harvest limits and non-pollock groundfish sideboards, prohibited species sideboards, and salmon bycatch avoidance measures.

Reporting Requirements

This report is intended to fully disclose all information required and identified for inclusion in an annual report to the North Pacific Fishery Management Council pursuant to Section 210 (a)(1) A and B of the American Fisheries Act and C.F.R. 679.60 (American Fisheries Act Management Measures) Section (d).

AFA Report to Congress

All catcher vessels eligible to deliver pollock to mothership processors under the provisions of the American Fisheries Act have responded to the AFA Ownership Survey. This information was provided specifically for use in the Council's AFA Report to Congress.

Mothership Fleet Cooperative Shares

It is important to note that the AFA requires a "cooperative of the whole" rather than separate and distinct cooperatives oriented to each processor within the sector, as is the case in the inshore sector. The AFA also provides an exemption to the Sherman Anti-Trust Act for the three AFA-qualified mothership processors (EXCELLENCE, GOLDEN ALASKA, OCEAN PHOENIX), allowing them to participate as members of the cooperative if at least eighty percent of the eligible catcher vessels are members of the co-op. Despite this allowance, the three mothership processors are not currently members of the Mothership Fleet Cooperative.

Neither the language in the AFA nor the Mothership Fleet Cooperative Membership Agreement binds catcher vessels delivering to motherships to a particular processor within a fishing year or season. Nonetheless, the distribution of catcher vessels among the three mothership processors has not changed since the start of the 2000 fishing season.

Membership in the Mothership Fleet Cooperative consists of all 20 eligible catcher vessels. Each vessel has a cooperative share representing the percentage share of the directed pollock quota allocation by the AFA to the mothership sector. Vessel names, owners, and their cooperative shares are listed in Table 1 below.

Table 1. Mothership Fleet Cooperative Share Percentages

Co-op Member(s)	Vessel(s)	Cooperative Share
Alakanuk Beauty L.L.C.*	American Beauty	6.000%
Chetna, Inc.	Pacific Challenger	4.446%
Fury Group, Inc.	Nordic Fury	6.177%
	Pacific Fury	5.889%
Great West Seafoods, Ltd.	Margaret Lyn	5.643%
Katahdin, Inc.	Misty Dawn	3.569%
King and Winge, Inc. Futura Fisheries, Inc.	Vanguard	5.350%
Kydaka Corporation	California Horizon	3.786%
Langesater Fisheries, Inc. Reiten Enterprises, Inc. Arruela Fisheries, Inc.	Oceanic	7.038%
MarGun Fisheries, Inc.	Mar-Gun	6.251%
Mark 1, Inc.	Mark 1	6.251%
Meddar Corporation	Aleutian Challenger	4.925%
Emmonak Leader L.L.P.*	Ocean Leader	6.000%
Popado, Inc.	Papado II	2.953%
Burton C. Parker	Amber Dawn	5.225%
Supreme Alaska Seafoods, Inc.	Pacific Alliance*	3.601%
Traveler Partnership, Inc.	Traveler	4.272%
Vesteraalen L.L.C.	Vesteraalen	6.201%
Wa'atch, Inc.	Alyeska	2.272%
Western Dawn L.L.C.	Western Dawn	4.150%

TOTAL

100%

* The Mothership Fleet Cooperative Membership Agreement was modified in May 2001 to reflect a change in ownership of the AMERICAN BEAUTY and OCEAN LEADER.

* The PACIFIC ALLIANCE was lost in 1997 and was replaced pursuant to the provisions of the American Fisheries Act with the MORNING STAR.

Transfer of Shares Between Catcher Vessels

The Mothership Fleet Cooperative Membership Agreement allows members of the coop to transfer cooperative shares among themselves. Transfers of quota made within a fleet of catchers delivering to a particular mothership (intra-fleet) must be reported to that mothership at the time of delivery. Transfers of allocations between vessels fishing in different mothership fleets (inter-fleet) must be reported to the monitoring agent within seven days prior to the transfer and, in any case, prior to the harvest of the transferred amount. Both intra- and inter-fleet transfers occurred in 2001.

Catch Monitoring

All in-season data used for individual vessel and fleet-wide catch monitoring and management within the mothership sector was obtained from the National Marine Fisheries Service Observer Program. The Mothership Fleet Cooperative has contracted with Sea State, Inc. to process the catch data provided by the observer program and to provide in-season management support.

Sea State regularly provides catch reports to each mothership fleet. These reports include cumulative fleet-wide and vessel-level catch data as well as a tow-by-tow summary. Fleet managers are able to reconcile the tow-by-tow catch information provided by Sea State against their own catch records to identify possible data errors and insure accurate catch accounting throughout the fishing season.

Catch and Bycatch of Groundfish and Prohibited Species

The harvest and bycatch of non-pollock and prohibited species (PSC) in the Bering Sea, Aleutian Islands, and Gulf of Alaska is limited by groundfish and PSC sideboards as recommended by the Council and implemented through regulation. Pollock harvest by AFA catcher vessels is limited in the Gulf of Alaska as well. The intent of the sideboards is to limit the catch and bycatch of these species by AFA vessels to "traditional harvest levels". The Mothership Fleet Cooperative Membership Agreement authorized the cooperative board to allocate sideboard amounts available for directed harvest to each catcher vessel in the cooperative in amounts prorated to each boat's catch history.

The Mothership Fleet Cooperative Membership Agreement provides that PSC sideboard apportionments may be administered as aggregate caps within the mothership sector. Where necessary and appropriate, the cooperative board is authorized to allocate PSC apportionments to individual vessels. The board is further authorized to order a vessel to stop fishing if that vessel exceeds an assigned apportionment or rate, and to obtain an injunction restraining the activity of any vessel that fails to heed such an order. PSC was not assigned to individual vessels in 2001.

None of the sideboard caps were exceeded by the Mothership Fleet Cooperative in 2000 or 2001.

Penalties

The Mothership Fleet Cooperative Agreement includes provisions allowing penalties to be assessed against vessels that exceed their agreed harvest share of pollock and non-pollock species. The Agreement includes a penalty of \$500 per metric ton for pollock harvested in excess of a vessel's allocation. The penalty for overages in the non-pollock fisheries include \$1000 per metric ton of cod harvest in excess of an allocation, \$300 per metric ton for overharvests of all other BSAI and GOA directed groundfish fisheries. The cooperative established penalties for exceeding assigned PSC caps as well.

No penalties were assessed by the Mothership Fleet Cooperative in 2000 or 2001.

2001 Directed Pollock Fishery Results

Table 2. 2001 Mothership Fleet Co-op Pollock Allocations and Harvest - MT

Catcher	Co-op %	Co-op MT	Actual MT	Actual %
Alyeska	2.27%	2,775	5,167	4.23%
California Horizon	3.79%	4,625	5,572	4.56%
Misty Dawn	3.57%	4,360	6,137	5.02%
Morning Star	3.60%	4,399	0	0.00%
Popado II	2.95%	3,607	2,158	1.77%
Aleutian Challenger	4.93%	6,016	8,270	6.77%
American Beauty	6.00%	7,330	207	0.17%
Amber Dawn	5.23%	6,383	8,147	6.67%
Ocean Leader	6.00%	7,330	6,409	5.25%
Vanguard	5.35%	6,536	10,706	8.76%
Margaret Lyn	5.64%	6,893	2,040	1.67%
Mar-Gun	6.25%	7,636	7,668	6.28%
Mark I	6.25%	7,636	11,738	9.61%
Nordic Fury	6.18%	7,546	7,516	6.15%
Oceanic	7.04%	8,598	8,990	7.36%
Pacific Challenger	4.45%	5,431	2,250	1.84%
Pacific Fury	5.89%	7,194	7,828	6.41%
Traveler	4.27%	5,219	5,520	4.52%
Vesteraalen	6.20%	7,575	9,699	7.94%
Western Dawn	4.15%	5,070	5,308	4.35%
TOTAL	100%	122,160	121,330	99.32%
TOTAL UNHARVESTED			830	0.68%

Table 3. PSC Bycatch in 2002 Mothership Fleet Co-op Directed Pollock Fishery by Vessel

Catcher	Groundfish (MT)	Halibut (MT)	Herring	R. King Crab	Bairdi	Opilio	Chinook	Other salmon
Alyeska	23.20	0.22	0		0	0	65	607
California Horizon	60.04	0.03	7		0	0	88	758
Misty Dawn	43.75	0.15	7		0	0	86	654
Morning Star	0.00	0.00	0		0	0	0	0
Popado II	7.39	0.02	1		0	0	2	243
Aleutian Challenger	40.40	0.07	1		0	0	155	1,322
American Beauty	33.26	0.11	0		0	0	204	1,236
Amber Dawn	5.42	0.00	0		0	0	0	0
Ocean Leader	29.24	0.12	0		0	0	110	274
Vanguard	17.43	0.24	5		0	0	98	1,140
Margaret Lyn	8.74	0.06	0		0	0	8	1
Mar-Gun	58.42	0.97	0		0	0	117	164
Mark I	55.61	0.31	0		0	0	398	519
Nordic Fury	35.59	0.00	0		0	0	0	0
Oceanic	89.72	0.00	1		0	0	150	882
Pacific Challenger	15.67	0.00	0		0	0	0	0
Pacific Fury	60.16	0.20	0		0	0	235	463
Traveler	69.70	0.11	0		0	0	0	665
Vesteraalen	32.08	0.00	1		0	0	0	341
Western Dawn	25.49	0.03	0		0	45	449	697
TOTAL	711.32	2.64	25		0	45	2,165	9,966

**Table 4. Aggregate PSC and Groundfish Bycatch in 2001
Mothership Fleet Cooperative Directed Pollock Fishery.**

Species	Number	Weight (mt)
Opilio crab	45	
C. bairdi crab	-	
Red king crab	-	
Other species		90.5
Pacific cod		314.1
Other flatfish		11.2
Arrowtooth flounder		25.3
Flathead sole		110.7
Rock sole		106.5
Yellowfin sole		4.0
Turbot		0.1
Other rockfish		0.5
Pacific ocean perch		27.6
Shortraker/Rougheye		0.7
Northern rockfish		13.3
Atka mackerel		2.9
Pacific halibut		2.6
Chum salmon	9,966	
King salmon	2,165	
Pollock		121,330.5
Pacific herring		25.4
Sablefish		0.9
Squid		3.0
Unallocated species		196.6

Non-Pollock Groundfish Fisheries

In 2001 mothership catcher vessels participated in fisheries other than in the Bering Sea and Aleutian Islands directed pollock fishery. These fisheries included the BSAI Pacific cod fishery and the several directed fisheries in the Gulf of Alaska.

The Mothership Fleet Cooperative is signatory to the inter-cooperative agreements and was actively involved in the development of measures and protocols by which the catcher vessels insure compliance with the groundfish and PSC sideboard provisions.

Some of the catcher vessels qualified to participate in the Mothership Fleet Cooperative also participate in an inshore cooperative. Regardless of inshore eligibility, however, all catcher vessels qualified to participate in the mothership sector fish under the mothership sector groundfish and PSC sideboards in the directed BSAI cod fishery. Any of the mothership catcher vessels that are "dual qualified" fish under the inshore cooperative sideboards in any groundfish fisheries other than BSAI pollock and cod.

Groundfish and PSC mothership cooperative catch and bycatch in non-pollock BSAI and GOA groundfish fishery information is contained in the tables below. As detailed in these report tables, none of the mothership sector groundfish or PSC sideboard caps were exceeded.

Table 5. Mothership Fleet Cooperative 2001 BSAI Pacific Cod Sideboard Amounts and Actual Landings by Vessel.

Vessel	% of Mothership Sideboard	Cod Sideboard MT	Landed Cod RWE
Aleutian Challenger	3.40%	92	0.00
Alyeska	1.13%	31	0.00
Amber Dawn	2.04%	55	0.00
American Beautiy	3.37%	91	124.94
California Horizon	4.42%	120	91.90
Mar-Gun	6.62%	180	211.75
Margaret Lyn	4.15%	113	209.44
Mark I	14.51%	394	0.00
Misty Dawn	0.00%	-	0.00
Morning Star	0.25%	7	0.00
Nordic Fury	8.56%	232	0.00
Ocean leader	3.79%	103	0.00
Oceanic	12.97%	352	153.06
Pacific Challenger	8.23%	223	665.55
Pacific Fury	7.95%	216	76.17
Papado II	0.97%	26	0.00
Traveler	1.99%	54	89.21
Vanguard	0.98%	27	0.00
Vesteraalen	8.09%	219	19.30
Western Dawn	6.59%	179	57.26
Total	100%	2,713	1,698.59

Table 6. Mothership Fleet Cooperative Halibut Bycatch Mortality Sector Allocation and Actual PSC Bycatch Mortality in the 2001 Directed BSAI Pacific Cod Fishery.

Vessel	Halibut Mortality Allocation (MT)	Actual Halibut Mortality (MT)	Chinook	Other salmon	Red kin crab	Bairdi	Other Tanner	Herring (MT)
Aleutian Challenger	3.20	0.00	0.00	0.00	0.0	0.00	0.00	0.0
Alyeska	1.06	0.00	0.00	0.00	0.0	0.00	0.00	0.0
Amber Dawn	1.92	0.00	0.00	0.00	0.0	0.00	0.00	0.0
American Beauty	3.17	3.91	21.25	0.00	0.0	101.30	134.65	0.0
California Horizon	4.15	1.80	18.00	0.36	0.0	77.96	50.68	0.0
Mar-Gun	6.22	0.69	12.46	0.06	0.0	65.78	8.94	0.0
Margaret Lyn	3.90	3.30	16.47	0.39	0.0	99.69	64.09	0.0
Mark I	13.64	0.00	0.00	0.00	0.0	0.00	0.00	0.0
Misty Dawn	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.0
Morning Star	0.24	0.00	0.00	0.00	0.0	0.00	0.00	0.0
Nordic Fury	8.05	0.00	0.00	0.00	0.0	0.00	0.00	0.0
Ocean leader	3.56	0.00	0.00	0.00	0.0	0.00	0.00	0.0
Oceanic	12.19	6.21	28.88	2.19	0.0	402.29	70.17	0.0
Pacific Challenger	7.74	6.29	82.22	3.68	0.0	310.61	98.90	0.0
Pacific Fury	7.47	0.21	1.46	0.04	0.0	17.33	3.63	0.0
Papado II	0.91	0.00	0.00	0.00	0.0	0.00	0.00	0.0
Traveler	1.87	2.52	14.57	0.24	0.0	81.84	54.64	0.0
Vanguard	0.92	0.00	0.00	0.00	0.0	0.00	0.00	0.0
Vesteraalen	7.60	0.64	3.00	0.56	0.0	21.92	12.89	0.0
Western Dawn	6.19	1.87	10.67	1.26	0.0	71.01	30.48	0.0
Total	94	27.45	208.97	8.77	0.0	1249.74	529.07	0.0

Table 7. Total Groundfish Catch in 2001 Mothership Fleet Cooperative BSAI Directed Pacific Cod Fishery.

Species	Landed MT	Discarded MT	Total Groundfish MT
Pacific Cod	1,698.59	4.35	1,702.94
Other Flatfish	0.04	8.30	8.34
Arrowtooth Flounder	0.03	21.27	21.31
Flathead Sole	1.02	20.58	21.61
Rock Sole	0.02	52.61	52.62
Yellowfin Sole	0.00	13.69	0.00
Greenland Turbot	0.00	0.48	0.00
Pacific Ocean Perch	0.00	0.00	0.00
Other Species	0.03	65.82	65.85
Other Red Rockfish - BS	0.00	0.14	0.00
Atka Mackerel	0.00	0.12	0.00
Sablefish	0.00	0.02	0.02
Squid	0.00	0.00	0.00
Incidental pollock	131.49	103.74	235.23
TOTAL	1,831.24	291.12	2,107.92

Table 8. 2001 Mothership Fleet Cooperative Sideboard Harvests and PSC Bycatch in GOA Groundfish Fisheries

Vessel	610 Pollock (MT)	620 Pollock (MT)	630 Pollock (MT)	Total Groundfish (MT)	Halibut Mortality (MT)	Chinook	Other Salmon	Red king crab	Bairdi	Other Tanner	Herring
Traveler	0.00	0.00	17.18	20.29	0.02	10.12	0.13	0.00	0.66	0.00	0.00

King Crab Fishery

Several of the catcher vessels in the Mothership Fleet Cooperative participated in the October 2001 red king crab fishery. The crab fishery sideboards, however, are managed directly by the inter-cooperative rather than the mothership or inshore sector cooperatives. For this reason, the crab fishery information is included in the inter-cooperative report.

Summary

The 2001 BSAI pollock fishery was, from the standpoint of cooperative management, a success. The fleet harvested 99.27% of its initial allocation and reserve release. None of the groundfish or PSC sideboard caps was exceeded. There were no violations or penalties assessed by the cooperative. Bycatch in pollock and non-pollock fisheries was, to a large extent, extremely low. Despite intensive efforts to avoid the bycatch of other salmon, the bycatch rate for that species in 2001 exceeded the extremely low bycatch rate achieved in 2000. All of the fleet's catch was

accounted for through in-season data collection and monitoring. The members of the Mothership Fleet Cooperative complied with all of the inter-cooperative agreements as well.

Many of the challenges that existed in 2000 as a result of the cooperative's "start-up" and a compressed time to develop and agree upon protocols did not present themselves in 2001. Likewise, both catcher vessel owners and processors had a year of experience with co-ops behind them and were better prepared to maximize the benefits of the rationalized fisheries.

Anecdotal reports indicate that fishermen are operating differently under cooperatives than they might have under the previous open access system. For instance, some fishermen report that they are less willing to fish in dangerous weather. This undoubtedly increases the factor of safety in the mothership fleet. As well, they have greater incentive to "search" when fishing conditions are sub-optimal or when bycatch rates are unacceptably high. These observations are clear evidence of the value and success of fisheries rationalization that resulted from the American Fisheries Act.

Challenges still remain, however. As seen in this year's fall pollock fishery, the existence of cooperatives does not eliminate the challenge of salmon bycatch avoidance. While it complied to both the letter and spirit of the 2001 inter-cooperative salmon bycatch reduction agreement, the mothership fleet was nonetheless challenged by salmon bycatch. In the coming months, the cooperative will explore additional ways to reduce the fleet's salmon bycatch, both on the cooperative and intercooperative level.

As demonstrated by the information provided in the tables, the members of the Mothership Fleet Cooperative can be proud of the fishery's success in 2001. As they gain additional experience, both fishermen and processors in the mothership sector look to further increase safety, reduce bycatch, and maximize efficiency in its fisheries.

FIRST AMENDMENT TO MEMBERSHIP AGREEMENT

This FIRST AMENDMENT TO MEMBERSHIP AGREEMENT is entered into as of May 31, 2001 by and among the entities and vessels listed on Exhibit C hereto, and any other members admitted pursuant to this Agreement (together, the "Members") and MOTHERSHIP FLEET COOPERATIVE, a Washington nonprofit corporation (the "Cooperative"):

RECITALS

- A. The Members and the Cooperative are parties to that certain Membership Agreement dated as of January 6, 2000 (the "Membership Agreement").
- B. The vessel OCEAN LEADER has undergone a change in ownership and is now owned 100% by Emmonak Leader, L.L.C. Emmonak Leader L.L.C. is owned 75% by Yukon Delta Fisheries, Inc. and 25% by Ocean Leader, Inc.
- C. The vessel AMERICAN BEAUTY has undergone a change in ownership and is now owned 100% by Alakanuk Beauty, L.L.C. Alakanuk Beauty L.L.C. is owned 75% by Yukon Delta Fisheries, Inc. and 25% American Beauty, Inc.
- D. The Members and the Cooperative would like to delete Section 5(b)(ii) from the Membership Agreement.

AGREEMENT

Now, therefore, the members agree as follows:

1. Substitution of Owner. The members agree to substitute Emmonak Leader, L.L.C. as owner of the vessel OCEAN LEADER and to take such other actions and execute such other agreements as may be necessary to reflect this change in ownership.
2. Substitution of Owner. The members agree to substitute Alakanuk Beauty, L.L.C. as owner of the vessel AMERICAN BEAUTY and to take such other actions and execute such other agreements as may be necessary to reflect this change in ownership.
3. Deletion of Provision. The members agree to delete Section 5(b)(ii) in its entirety.

4. Other Provisions. Each of the undersigned hereby acknowledges and agrees that the terms and conditions of the Mothership Fleet Cooperative Membership Agreement dated as of January 6, 2000 shall be in full force and effect among the undersigned and that Exhibit C attached hereto replaces in its entirety Exhibit C to the Membership Agreement.

5. Counterparts and Fax. This Amendment may be signed in counterparts which, when taken together, shall have the effectiveness as a fully executed original. Delivery of a signed copy of the Amendment by telefacsimile transmission shall have the effectiveness of delivering a signed original.

AMERICAN BEAUTY, INC.

By *Joseph L. Kelly*
Its Pres.

ALAKANUK BEAUTY, L.L.C.

By *Dale D. Pitman*
Its Controller

EMMONAK LEADER, L.L.C.

By *Dale D. Pitman*
Its Controller

FURY GROUP, INC.

By _____
Its _____

GREAT WEST SEAFOODS L.P.

By _____
Its _____

KATAHDIN, INC.

By _____
Its _____

KING AND WINGE, INC.

By *W. Steel*
Its V. Pres.

KYDAKA CORPORATION

By _____
Its _____

Signatures continued on page 3

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AMERICAN BEAUTY, INC.

By _____
Its _____

ALAKANUK BEAUTY, L.L.C.

By _____
Its _____

EMMONAK LEADER, L.L.C.

By _____
Its _____

FURY GROUP, INC.

By M. Stone
Its PRES.

GREAT WEST SEAFOODS L.P. .

By J. C. Di
Its Manager

KATAHDIN, INC.

By _____
Its _____

KING AND WINGE, INC.

By _____
Its _____

KYDAKA CORPORATION

By _____
Its _____

Signatures continued on page 3

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AMERICAN BEAUTY, INC.

ALAKANUK BEAUTY, L.L.C.

By _____
Its _____

By _____
Its _____

EMMONAK LEADER, L.L.C.

FURY GROUP, INC.

By _____
Its _____

By _____
Its _____

GREAT WEST SEAFOODS L.P.

KATAHDIN, INC.

By _____
Its _____

By Dele W. Johnson
Its Pres.

KING AND WINGE, INC.

KYDAKA CORPORATION

By _____
Its _____

By Dele W. Johnson
Its Pres.

Signatures continued on page 3

LANGESATER FISHERIES, INC.

By _____
Its _____

MARGUN FISHERIES, INC.

By *[Signature]*
Its Pres.

MARK I, INC.

By *[Signature]*
Its President

MEDDAR CORPORATION

By _____
Its _____

OCEAN LEADER, INC.

By _____
Its _____

POPADO, INC.

By _____
Its _____

AMBER DAWN, LLC.

By _____
Its _____

SUPREME ALASKA SEAFOODS, INC.

By _____
Its _____

VESTERAALEN LLC

By *[Signature]*
Its President

WA'ATCH, INC.

By _____
Its _____

F/V WESTERN DAWN LLC

By *[Signature]*
Its Manager

PACIFIC CHALLENGER

By _____
Chester T. Peterson

Signatures continued on page 4

LANGESATER FISHERIES, INC.

By _____
Its _____

MARK I, INC.

By _____
Its _____

OCEAN LEADER, INC.

By Joseph P. Hey
Its YES

AMBER DAWN, LLC.

By _____
Its _____

VESTERAALEN LLC

By _____
Its _____

F/V WESTERN DAWN LLC

By _____
Its _____

MARGUN FISHERIES, INC.

By _____
Its _____

MEDDAR CORPORATION

By _____
Its YES

POPADO, INC.

By _____
Its _____

SUPREME ALASKA SEAFOODS, INC.

By _____
Its _____

WA'ATCH, INC.

By _____
Its _____

PACIFIC CHALLENGER

By _____
Chester T. Peterson

Signatures continued on page 4

LANGESATER FISHERIES, INC.

By _____
Its _____

MARGUN FISHERIES, INC.

By *[Signature]*
Its Pres,

MARK I, INC.

By *J. L. D.*
Its President

MEDDAR CORPORATION

By _____
Its _____

OCEAN LEADER, INC.

By _____
Its _____

POPADO, INC.

By _____
Its _____

AMBER DAWN, LLC

By *[Signature]*
Its Manager

SUPREME ALASKA SEAFOODS, INC.

By _____
Its _____

VESTERAALEN LLC

By *E. C. Decker*
Its President

WA'ATCH, INC.

By _____
Its _____

F/V WESTERN DAWN LLC

By *[Signature]*
Its Manager

PACIFIC CHALLENGER

By _____
Chester T. Peterson

Signatures continued on page 4

NOV-27-2001 11:42 FROM

LANGESATER FISHERIES, INC.

By [Signature]
Its President

MARK I, INC

By [Signature]
Its President

OCEAN LEADER, INC

By _____
Its _____

AMBER DAWN, LLC

By _____
Its _____

VESTERAALEN LLC

By [Signature]
Its President

F/V WESTERN DAWN LLC

By [Signature]
Its Manager

MARGUN FISHERIES, INC.

By [Signature]
Its PRES.

MEDDAR CORPORATION

By _____
Its _____

POPADO, INC

By _____
Its _____

SUPREME ALASKA SEAFOODS, INC

By _____
Its _____

WA'ATCH, INC

By _____
Its _____

PACIFIC CHALLENGER

By _____
Chester T. Peterson

Signatures continued on page 4

NOV-27-2001 11:42 FROM

NY-84-2001 12-41 FROM

LANGESATER FISHERIES, INC

By _____
Its _____

MARK I, INC

By J. L. D.
Its President

OCEAN LEADER, INC

By _____
Its _____

AMBER DAWN, LLC

By _____
Its _____

VESTRAALEN LLC

By E. C. De...
Its President

F/V WESTERN DAWN LLC

By [Signature]
Its Manager

MARGUN FISHERIES, INC

By [Signature]
Its PRES.

MEDDAR CORPORATION

By _____
Its _____

POPADO, INC

By _____
Its _____

SUPREME ALASKA SEAFOODS, INC

By _____
Its _____

WA'ATCH, INC

By _____
Its _____

PACIFIC CHALLENGER

By Chester T. Peterson
Chester T. Peterson

Signatures continued on page 4

XXXXXXXXXXXXXXXXXXXX

LANGESATER FISHERIES, INC.

By _____
Its _____

MARK I, INC.

By _____
Its _____

OCEAN LEADER, INC.

By _____
Its _____

AMBER DAWN, LLC.

By _____
Its _____

VESTERAALEN LLC

By _____
Its _____

F/V WESTERN DAWN LLC

By _____
Its _____

MARGUN FISHERIES, INC.

By _____
Its _____

MEDDAR CORPORATION

By _____
Its _____

POPADO, INC.

By *Dean Porter*
Its *Pres*

SUPREME ALASKA SEAFOODS, INC.

By *[Signature]*
Its *President*

WA'ATCH, INC

By *[Signature]*
Its *President*

PACIFIC CHALLENGER

By _____
Chester T. Peterson

Signatures continued on page 4

PHY-00-2001 12-20 FROM

10 10010*001H2002000010 P.010/010

TRAVELER

YUKON DELTA FISHERIES, INC.

By *Rex Hockema*
Rex Hockema

By _____
Its _____

6-20-01

MOTHERSHIP FLEET COOPERATIVE

By _____
Its _____

81DWCFLAANDR3IS07A.DOC

TRAVELER

YUKON DELTA FISHERIES, INC.

By _____
Rex Hockema

By *Dale D. Peterson*
Its *Controller*

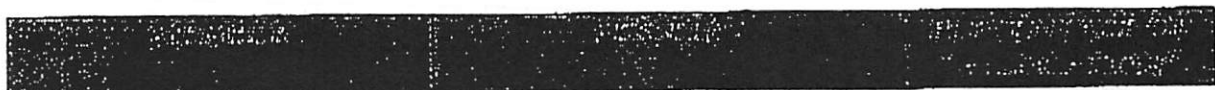
MOTHERSHIP FLEET COOPERATIVE

By *J. L. [Signature]*
Its *President*

EXHIBIT C

MOTHERSHIP FLEET COOPERATIVE

BERING SEA/ ALEUTIAN ISLANDS POLLOCK FISHERY
HARVEST SCHEDULE



Alakanuk Beauty L.L.C.	AMERICAN BEAUTY	6.000%
Fury Group, Inc.	NORDIC FURY PACIFIC FURY	6.177% 5.889%
Great West Seafoods Limited	MARGARET LYN	5.643%
Katahdin, Inc.	MISTY DAWN	3.569%
King and Winge, Inc. Futura Fisheries, Inc.	VANGUARD	5.350%
Kydaka Corporation	CALIFORNIA HORIZON	3.786%
Langesater Fisheries, Inc. Reiten Enterprises, Inc. Arruela Fisheries, Inc.	OCEANIC	7.038%
MarGun Fisheries, Inc.	MAR-GUN	6.251%
Mark I, Inc.	MARK I	6.251%
Meddar Corporation	ALEUTIAN CHALLENGER	4.925%
Emmonak Leader L.L.C.	OCEAN LEADER	6.000%
Popado, Inc.	PAPADO II	2.953%
Burton C. Parker	AMBER DAWN	5.225%

Supreme Alaska Seafoods, Inc.	PACIFIC ALLIANCE	3.601%
Vesteraalen LLC	VESTERAALEN	6.201%
Wa'atch, Inc.	ALYESKA	2.272%
Western Dawn LLC	WESTERN DAWN	4.150%
Chester T. Peterson	PACIFIC CHALLENGER	4.610%
Rex Hockema	TRAVELER	4.108%

FINAL

NORTHERN VICTOR
FLEET COOPERATIVE

2001 REPORT TO THE
NORTH PACIFIC FISHERY MANAGEMENT
COUNCIL

January 25, 2002

I. COOPERATIVE ORGANIZATION.

A. Legal Obligations.

The Northern Victor Fleet Cooperative was formed on December 20, 1999 with ten member vessels and an Agreement to Process with Icicle Seafoods, Inc., the owner of the P/V NORTHERN VICTOR (Members are listed at Exhibit A). The Membership Agreement was extended for the year 2001, effective December 1, 2000 (copy attached). Icicle Seafoods, Inc. signed the 2001 Agreement to Process on November 27, 2000 (copy attached).

B. Member Obligations.

In the Membership Agreement, each Member agrees not to exceed its allocation of pollock or its allocation of cap amounts for species in sideboard fisheries. It agrees to base allocations on pro rata catch history that each Member brings to the Cooperative, to recognize exemptions and the authorization for vessels under 99 feet to fish inside the Steller sea lion critical habitat forage area, and to recognize the right of each Member to deliver up to 10% of its annual pollock allocation to a pollock processor other than Icicle Seafoods. Each Member agrees that transfers of allocations between Members are authorized so long as notification is given to the Cooperative President, Icicle Seafoods, the Intercooperative Manager, and Sea State, the monitoring service for the Intercooperative Group.

C. Member and Board Meetings.

The Members met on November 27, 2000, in Seattle and accepted the F/V ANITA J and the F/V MISS BERDIE for membership, with the owners of the two vessels accepting all of the terms and conditions of membership in the Cooperative. The Members elected the following five directors to serve as the Board of Directors for 2001: John Woodruff and Terry Leitzell of Icicle Seafoods (owner of five trawlers in the Cooperative), Bill Jacobson (an owner of the F/Vs GOLD RUSH and EXCALIBUR II), Stan Hovik (an owner of the F/Vs PACIFIC FURY and NORDIC FURY), and Artur da Cruz (an owner of the F/V ROYAL ATLANTIC). During 2000, the Members approved the extension of and changes to the Intercooperative Agreement, the Intercooperative agreement on allocations of P. cod and halibut PSC, and the Intercooperative agreement on salmon bycatch reduction.

The Board of Directors met on November 27, 2000. The Board elected the following officers: Terry L. Leitzell as President, Spike Jones as Vice President, and John Woodruff as Secretary/Treasurer. The Board selected Terry L. Leitzell as the Cooperative's designated representative, approved the selection of Judy Sisco as the on-board manager, and approved the retention of Joseph Sullivan as counsel.

D. Cooperative Operations.

Prior to each of the A-B and C-D Seasons, the President prepared spreadsheets for pollock allocations to each vessel, divided into allocations inside and outside the critical habitat forage area as appropriate, and divided into the A-B and C-D Seasons. At various times during the year, the President also prepared spreadsheets allocating the Bering Sea and Aleutian Islands Pacific cod fishery to each vessel and revised both pollock and cod spreadsheets as reserves were released. The President also prepared a spreadsheet allocating to each vessel a cap for halibut PSC in the P. cod fishery.

On board the P/V NORTHERN VICTOR, the on-board manager worked with each of the Member vessels, providing them with information about the allocations and changes of allocations, and about the amount remaining in each vessel's allocations. The manager entered all landings into a spreadsheet that contained each vessel's quota allocation for pollock and cod, each vessel's quota subdivision into inside and outside critical habitat, and the landed pounds for each vessel. The spreadsheet was always available to vessel skippers and was e-mailed to the Cooperative President weekly. The manager also reported all landings to the National Marine Fisheries Service and to Sea State, the Intercooperative Group's monitoring service.

During the year, transfers of pollock allocations and cod cap allocations occurred. At the end of each of the A-B and C-D Seasons, the manager, in consultation with the Cooperative President and the Fleet Manager, designated one vessel to make the last trip or trips to catch the remaining quota amounts for all Cooperative vessels. This approach ensured that the Cooperative did not exceed its BSAI pollock allocations. In several cases, vessels swapped quota inside and outside critical habitat or between seasons. In two cases, a Member vessel delivered pollock to a processor other than Icicle Seafoods under the 10% provision of the American Fisheries Act (See Table 8). All transfers were approved by the President and implemented by the on-board manager.

II. SIDEBOARD FISHERY CAPS AND CATCHES.

Tables 2, 3, 4 and 6 provide details on the Cooperative vessels' activity in sideboard fisheries. The Cooperative's vessels did not participate in the yellowfin sole or other flatfish fisheries in the Bering Sea and Aleutians.

A. Bering Sea and Aleutian Islands Cod and PSC Halibut and Other PSC Species.

The Cooperative is a member of the Intercooperative Group which agreed upon the allocation of the AFA vessel P. cod sideboard cap on a cooperative by cooperative basis. Individual vessel catches are in Table 1. The Cooperative's aggregate cod cap allocation and catch by non-exempt vessels is as follows:

<u>Cooperative cap allocation:</u>	9,005,791 pounds
<u>Cooperative catch:</u>	4,360,985 pounds

As a Member of the Intercooperative Group, the cooperative agreed to apportion the AFA halibut sideboard cap to each cooperative. The Cooperative allocated the halibut cap pro rata to its Member vessels based on cod landings history, and monitored and enforced the cap. Table 3 shows the cod and associated halibut cap allocations for these vessels.

B. Gulf of Alaska Fisheries.

Two Cooperative vessels fished in the Gulf of Alaska fisheries at various times during the year: the F/V Excalibur II and the F/V Gold Rush, both of which are GOA-exempt. The vessels' catches are shown in Tables 5 and 6.

C. Bristol Bay Red King Crab Catch.

The AFA vessels that were eligible for the Bristol Bay red king crab fishery worked together under the Intercooperative Group to ensure that the AFA vessels did not exceed the AFA cap. The Cooperative had two eligible vessels, the F/V STORM PETREL and the F/V COMMODORE, which had the following catches in the 2001 fishery.

STORM PETREL: 8,816 pounds.
COMMODORE: 18,780 pounds.

III. PENALTY STRUCTURES.

The Cooperative's Members recognized the critical importance of strong commitments by each Member to comply with pollock allocations, cod cap allocations, and limits in all sideboard fisheries for pollock in the Gulf of Alaska, non-pollock groundfish in the Bering Sea/Aleutian Islands and the Gulf of Alaska, and crab. The Cooperative took three approaches to ensuring compliance. First, each Member made a specific commitment in the Membership Agreement to comply with all allocations and limits. Second, the practical operation of the Cooperative and the constant availability of up-to-date data on landings minimized the possibility of error. Third, the Members set a forfeiture amount of the ex-vessel value plus 10% for any catches that exceed an allocation of quota or a cap amount. No penalty actions were taken in 2001.

Exhibit A

F/V STORM PETREL

Evening Star, Inc.
C/o Icicle Seafoods, Inc.
4019 21st Ave. W.
Seattle, WA 98199
Attn: Terry L. Leitzell
Phone: 206-281-5372
Fax: 206-281-0329

F/V MISS BERDIE

Miss Berdie, Inc.
1483 Old River Road N.E.
Siletz, OR 97380
Attn: Stan Schones
Phone: 541-444-2620
Fax: 541-444-2620

F/V ANITA J

Evening Star, Inc.

F/V HALF MOON BAY

Evening Star, Inc.

F/V POSEIDON

Johannessen Enterprises, Inc.
Edmonds, WA
Attn: Lloyd Johannessen
Phone 206-915-4892

F/V SUNSET BAY

Evening Star, Inc.

F/V ROYAL ATLANTIC

Royal Atlantic LLC
Edmonds, WA
Attn: Lloyd Johannessen
Phone 206-915-4892

F/V GOLD RUSH

Golden Tide, Inc.
510 Main Street
Oregon City, OR 97046
Attn. Bert Ashley
Phone: 503-901-6004
Fax: 503-723-0077

F/V EXCALIBUR II

Excalibur II LLC
PO Box 2243
Sisters, OR 97759
Attn: Bill Jacobson
Phone: 541-549-0296
Fax: 541-549-0297

F/V PACIFIC FURY

F/V NORDIC FURY

Fury Group, Inc.
Edmonds, WA
Attn: Mike Stone
Phone: 206-213-0823
Fax: 206-213-0824

F/V ANITA J

Evening Star, Inc.

2001 TABLE 1									
VESSEL ALLOCATIONS AND CATCHES OF BERING SEA									
AND ALEUTIAN ISLANDS POLLOCK AND COD IN POUNDS-2001									
VESSEL	INITIAL POLLOCK	POLLOCK	TRANS-	COD	COD	TRANSFERS			
NAME	ALLOCATION	CATCH*	FERS	ALLOCATION	CATCH*				
ANITA J	7,359,291	0	-7,359,291	150,187	0	-150,187			
						0			
COMMODORE	16,938,618	20,529,690	3,591,072	1,417,980	260,451	-1,157,529			
						0			
EXCALIBUR II	7,532,503	7,637,828	105,325	320,043	0	-320,043			
						0			
GOLD RUSH	5,844,050	5,677,244	-166,806	980,920	0	-980,920			
						0			
HALF MOON BAY	7,337,869	11,645,203	4,307,334	1,033,038	1,450,671	417,632			
						0			
MISS BERDIE	8,127,654	3,117,619	-5,010,035	452,362	0	-452,362			
						0			
NORDIC FURY	974,675	1,833,918	859,243	MOTHERSHIP COOPERATIVE					
						0			
PACIFIC FURY	779,718	0	-779,718	MOTHERSHIP COOPERATIVE					
						0			
POSEIDON	16,596,736	17,347,451	750,715	951,756	356,837	-594,920			
						0			
ROYAL ATLANTIC	17,640,147	18,632,434	992,287	1,481,035	616,318	-864,717			
						0			
STORM PETREL	16,206,136	19,340,904	3,134,768	1,171,568	526,988	-644,581			
						0			
SUNSET BAY	6,792,500	6,002,958	-789,542	1,046,900	1,149,721	102,821			
TOTALS	112,129,896	111,765,249	-364,647	9,005,791	4,360,985	-4,494,618	TOTAL		
*Transfers within the Cooperative resulted in some vessels catching more or less than their original allocation, with the Cooperative as a whole remaining under its aggregate allocation.									

2001 TABLE 2

PSC BYCATCH IN BSAI DIRECTED POLLOCK FISHERY(MT OR NUMBER)

Landed Pollock	Total Catch Weight	Halibut Bycatch	Halibut Mortality	Chinook N	Other Salmon N	Red King crab N	Bairdi N	Other Tanner N	Herring Wt		
9,311	9,353	2	2	112	467	3	1	1	3		
3,465	3,487	1	1	50	92	0	1	0	1		
2,573	2,589	1	1	50	85	0	1	0	0		
5,117	5,145	1	1	51	358	2	1	1	1		
1,414	1,422	0	0	61	3	0	0	0	0		
832	833	0	0	9	82	0	0	0	0		
7,842	7,891	1	1	54	427	4	1	1	3		
8,452	8,499	2	1	78	418	3	1	1	3		
8,542	8,617	2	2	139	376	3	2	1	2		
2,869	2,901	1	1	28	107	2	0	0	1		

2001 TABLE 3

BSAI COD AND HALIBUT PSC CATCHES

VESSEL NAME	COD ALLOCATION*	COD CATCH*	HALIBUT ALLOCATION*	HALIBUT CATCH*	POLLOCK BYCATCH
ANITA J	150,187	0	3,147	0	0
COMMODORE	1,417,980	260,451	29,842	8,752	12,435
EXCALIBUR II	320,043	0	6,750	0	0
GOLD RUSH	980,920	0	20,647	0	0
HALF MOON BAY	1,033,038	1,450,671	21,766	44,335	88,390
MISS BERDIE	452,362	0	9,537	0	0
NORDIC FURY	MOTHERSHIP COOPERATIVE				
PACIFIC FURY	MOTHERSHIP COOPERATIVE				
POSEIDON	951,756	356,837	20,040	9,105	29,326
ROYAL ATLANTIC	1,481,035	616,318	31,188	26,874	79,852
STORM PETREL	1,171,568	526,988	24,647	11,089	10,506
SUNSET BAY	1,046,900	1,149,721	22,031	17,505	130,637
TOTALS	9,005,791	4,360,985	189,595	117,660	351,146

*Transfers within the Cooperative resulted in some vessels catching more or less than their original allocations, with the Cooperative as a whole remaining under its aggregate allocations.

2001 TABLE 4

PSC BYCATCH IN BSAI DIRECTED COD FISHERY(MT OR NUMBER)

Vessel	Landed Cod RWE	Total Groundfish Catch (inc discards)	Halibut Bycatch	Halibut Mortality	Chinook N	Other Salmon N	Red King crab N	Bairdi N	Other Tanner N	Herring Wt
ANITA J										
COMMODORE	118.14	157.10	6.01	3.97	20.29	2.88	0.00	237.26	50.55	0.00
EXCALIBUR II										
GOLD RUSH										
HALF MOON BAY	658.02	792.53	30.47	20.11	53.06	284.51	0.00	338.34	79.55	0.00
MISS BERDIE										
NORDIC FURY	MOTHERSHIP COOPERATIVE									
PACIFIC FURY	MOTHERSHIP COOPERATIVE									
POSEIDON	161.86	218.86	6.25	4.13	31.37	0.58	0.00	215.95	71.87	0.00
ROYAL ATLANTIC	279.56	388.45	18.46	12.19	48.46	27.46	0.00	394.38	134.19	0.00
STORM PETREL	239.04	291.31	7.62	5.03	28.51	2.45	0.00	242.04	79.96	0.00

2001 TABLE 5

VESSEL CATCHES OF GOA POLLOCK

(POUNDS)

BOAT NAME	610	630	620/Shelikof	Totals
EXCALIBUR II-exempt		295,074	626,730	921,804
GOLD RUSH-exempt		489,221	1,473,925	1,963,146

2001 TABLE 7

SUMMARY OF TOTAL COOP BSAI CATCHES BY SPECIES

TARGET	SPECIES	LANDED	DISCARD	TOTAL	SPECIES
CODE	CODE	WEIGHT	WEIGHT	WEIGHT	
P	110	148.76	0.00	148.76	Pacific Cod
P	120	0.01	0.00	0.01	Other Flatfish
P	121	6.56	0.00	6.56	Arrowtooth Flounder
P	122	81.44	0.00	81.44	Flathead Sole
P	123	1.58	0.00	1.58	Rock Sole
P	127	0.01	0.00	0.01	Yellowfin Sole
P	134	0.01	0.00	0.01	Greenland Turbot
P	139	0.07	0.00	0.07	Other Rockfish
P	141	7.93	0.00	7.93	Pacific Ocean Perch
P	160	13.85	0.00	13.85	Other Species
P	171	0.00	0.00	0.00	Other Red Rockfish - BS
P	193	16.47	0.00	16.47	Atka Mackerel
P	270	50,415.50	0.00	50,415.50	Pollock
P	710	1.92	0.00	1.92	Sablefish
P	875	43.47	0.00	43.47	Squid
C	110	1,894.56	6.20	1,900.75	Pacific Cod
C	120	0.51	9.75	10.26	Other Flatfish
C	121	0.15	26.31	26.46	Arrowtooth Flounder
C	122	0.01	21.16	21.17	Flathead Sole
C	123	0.06	87.80	87.86	Rock Sole
C	127		20.73		Yellowfin Sole
C	134		0.32		Greenland Turbot
C	136		0.53		SC/NO
C	139		0.04		Other Rockfish
C	141		0.00		Pacific Ocean Perch
C	160	0.11	73.34	73.45	Other Species
C	171		0.09		Other Red Rockfish - BS
C	193		0.10		Atka Mackerel
C	710		0.01		Sablefish

2001 TABLE 8

DELIVERIES TO OTHER PROCESSORS UNDER 10% RULE

	PROCESSOR						
VESSEL	& TICKET	DATE	POUNDS				
POSEIDON	WESTWARD 23538	2/12/2001	235,369				
POSEIDON	WESTWARD 23639	3/13/2001	141,018				
		TOTAL	376,387				

NORTHERN VICTOR FLEET COOPERATIVE

MEMBERSHIP AGREEMENT

2002 ADDENDUM

Each of the undersigned hereby acknowledges and agrees that the terms and conditions of the Northern Victor Fleet Cooperative Membership Agreement dated as of December 20, 1999 shall be in full force and effect among the undersigned for the year 2002, and that the Amended Exhibit A attached hereto supersedes Exhibit A to the Membership Agreement and Exhibit A to the 2001 Addendum.

In addition, each of the undersigned hereby certifies that the vessel on behalf of which it is executing this Addendum: (i) shall fish under terms authorized under an AFA catcher vessel permit with an inshore endorsement; and (ii) that such vessel has no permit sanctions or other type of sanctions against it that would prevent it from fishing for groundfish in the BSAI.

Dated effective as of the 1st day of December, 2001.

F/V ANITA J

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V COMMODORE

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V EXCALIBUR 2

By: _____
Kent Leslie, President
- Leslie Fisheries, Inc., member
Excalibur 2 LLC

F/V GOLD RUSH

By: Bert & Ashley
BERT ASHLEY, PRESIDENT
GOLDEN TIDE, INC.

Signatures continued on page 2

F/V HALF MOON BAY

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V MISS BERDIE

By: _____
Stanley J. Schones, President
Miss Berdie, Inc.

F/V NORDIC FURY

By: _____
Mike Stone, President
Fury Group, Inc.

F/V PACIFIC FURY

By: _____
Mike Stone, President
Fury Group, Inc.

F/V POSEIDON

By: _____
Lloyd Johannessen, Vice President
Johannessen Enterprises, Inc.

F/V ROYAL ATLANTIC

By: Artur da Cruz
~~Lloyd Johannessen, Vice President~~
~~Johannessen Enterprises, Inc., Member~~
Royal Atlantic LLC
ARTUR DA CRUZ, MEMBER

F/V STORM PETREL

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V SUNSET BAY

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V COLLIER BROTHERS

By: _____
James A. Schones

By: _____
Sandra L. Schones

F/V HALF MOON BAY

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V MISS BERDIE

By: _____
Stanley J. Schones, President
Miss Berdie, Inc.

F/V NORDIC FURY

By: Mike Stone
Mike Stone, President
Fury Group, Inc.

F/V PACIFIC FURY

By: Mike Stone
Mike Stone, President
Fury Group, Inc.

F/V POSEIDON

By: Lloyd Johannessen
Lloyd Johannessen, Vice President
Johannessen Enterprises, Inc.

F/V ROYAL ATLANTIC

By: Artur da Cruz
~~Lloyd Johannessen, Vice President
Johannessen Enterprises, Inc., Member~~
Royal Atlantic LLC
ARTUR DA CRUZ, MEMBER

F/V STORM PETREL

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V SUNSET BAY

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V COLLIER BROTHERS

By: _____
James A. Schones

By: _____
Sandra L. Schones

11/14/2001 10:30 AM

NORTHERN VICTOR FLEET COOPERATIVE

MEMBERSHIP AGREEMENT

2002 ADDENDUM

Each of the undersigned hereby acknowledges and agrees that the terms and conditions of the Northern Victor Fleet Cooperative Membership Agreement dated as of December 20, 1999 shall be in full force and effect among the undersigned for the year 2002, and that the Amended Exhibit A attached hereto supersedes Exhibit A to the Membership Agreement and Exhibit A to the 2001 Addendum.

In addition, each of the undersigned hereby certifies that the vessel on behalf of which it is executing this Addendum: (i) shall fish under terms authorized under an AFA catcher vessel permit with an inshore endorsement; and (ii) that such vessel has no permit sanctions or other type of sanctions against it that would prevent it from fishing for groundfish in the BSAI.

Dated effective as of the 1st day of December, 2001.

F/V ANITA J

F/V COMMODORE

By: Don Giles
Don Giles, President
Evening Star, Inc.

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V EXCALIBUR 2

F/V GOLD RUSH

By: Kent Leslie
Kent Leslie, President
Leslie Fisheries, Inc., member
Excalibur 2 LLC
Manager, Excalibur II

By: Bert Ashley
BERT ASHLEY, PRESIDENT
GOLDEN TIDE, INC.

Signatures continued on page 2

F/V HALF MOON BAY

By: Don Giles
Don Giles, President
Evering Star, Inc.

F/V MISS BERDIE

By: Stanley J. Schones
Stanley J. Schones, President
Miss Berdie, Inc.

F/V NORDIC FURY

By: Mike Stone
Mike Stone, President
Fury Group, Inc.

F/V PACIFIC FURY

By: Mike Stone
Mike Stone, President
Fury Group, Inc.

F/V POSEIDON

By: Lloyd Johannessen
Lloyd Johannessen, Vice President
Johannessen Enterprises, Inc.

F/V ROYAL ATLANTIC

By: Artur da Cruz
~~Lloyd Johannessen, Vice President~~
~~Johannessen Enterprises, Inc., Member~~
Royal Atlantic LLC
ARTUR DA CRUZ, MEMBER

F/V STORM PETREL

By: Don Giles
Don Giles, President
Evering Star, Inc.

F/V SUNSET BAY

By: Don Giles
Don Giles, President
Evering Star, Inc.

F/V COLLIER BROTHERS

By: James A. Schones

By: Sandra L. Schones

F/V HALF MOON BAY

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V MISS BERDIE

By: _____
Stanley J. Schones, President
Miss Berdie, Inc.

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By: _____
Mike Stone, President
Fury Group, Inc.

F/V PACIFIC FURY

By: _____
Mike Stone, President
Fury Group, Inc.

F/V POSEIDON

By: _____
Lloyd Johannessen, Vice President
Johannessen Enterprises, Inc.

F/V ROYAL ATLANTIC

By: Artur da Cruz
~~Lloyd Johannessen, Vice President~~
~~Johannessen Enterprises, Inc., Member~~
Royal Atlantic LLC
ARTUR DA CRUZ, MEMBER

F/V STORM PETREL

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V SUNSET BAY

By: Don Giles
Don Giles, President
Evening Star, Inc.

F/V COLLIER BROTHERS

By: James A. Schones
James A. Schones

By: Sandra L. Schones
Sandra L. Schones

EXHIBIT A

NORTHERN VICTOR FLEET COOPERATIVE

BERING SEA/ ALEUTIAN ISLANDS POLLOCK FISHERY
HARVEST SCHEDULE

Members and Vessels	Percentage of Cooperative' s Inshore Allocation
F/V ANITA J: Evening Star, Inc. C/o Icicle Seafoods, Inc. 4019 21 st Ave. W. Seattle, WA 98199 Attn: Terry L. Leitzell Phone: 206-281-5372 Fax: 206-281-0329	6.47%
F/V COLLIER BROTHERS James A. Schones Sandra L. Schones	1.46%
F/V COMMODORE: Evening Star, Inc. C/o Icicle Seafoods, Inc. 4019 21 st Ave. W. Seattle, WA 98199 Attn: Terry L. Leitzell Phone: 206-281-5372 Fax: 206-281-0329	14.89%
F/V EXCALIBUR 2: Excalibur 2 LLC PO Box 2243 Sisters, OR 97759 Attn: Bill Jacobson Phone: 541-549-0296 Fax: 541-549-0297	6.44%

F/V GOLD RUSH: 5.06%

Gold Rush LLC
Oregon City, OR
Attn: Don Ashley
Phone: 503-723-6115
Fax: 503-723-0077

F/V HALF MOON BAY: 6.45%

Evening Star, Inc.
C/o Icicle Seafoods, Inc.
4019 21st Ave. W.
Seattle, WA 98199
Attn: Terry L. Leitzell
Phone: 206-281-5372
Fax: 206-281-0329

F/V MISS BERDIE: 7.13%

Miss Berdie, Inc.
1483 Old River Road N.E.
Siletz, OR 97380
Attn: Stan Schones
Phone: 541-444-2620
Fax: 541-444-2620

F/V NORDIC FURY: 0.86%

Fury Group, Inc.
Attn: Mike Stone
Phone: 206-783-3844
Fax: 206-783-3871

F/V PACIFIC FURY: 0.69%

Fury Group, Inc.
Attn: Mike Stone
Phone: 206-783-3844
Fax: 206-783-3871

F/V POSEIDON: 14.59%

Johannessen Enterprises, Inc.
Edmonds, WA
Attn: Lloyd Johannessen
Phone: 425-774-3096

F/V ROYAL ATLANTIC: 15.50%

Royal Atlantic LLC
Edmonds, WA
Attn: Lloyd Johannessen
Phone: 425-774-3096

F/V STORM PETREL: 14.51%

Evening Star, Inc.
C/o Icycle Seafoods, Inc.
4019 21st Ave. W.
Seattle, WA 98199
Attn: Terry L. Leitzell
Phone: 206-281-5372
Fax: 206-281-0329

F/V SUNSET BAY: 5.97%

Evening Star, Inc.
C/o Icycle Seafoods, Inc.
4019 21st Ave. W.
Seattle, WA 98199
Attn: Terry L. Leitzell
Phone: 206-281-5372
Fax: 206-281-0329

Total 100.00%

AGREEMENT TO PROCESS

This AGREEMENT TO PROCESS is entered into as of November 26, 2001, by Icicle Seafoods, Inc., an Alaska corporation ("Icicle"), with reference to the following facts:

A. The American Fisheries Act (the "Act") authorizes the Secretary of Commerce to reserve portions of the Bering Sea/Aleutian Islands ("BS/AI") pollock inshore directed fishing allowance for harvesting only by members of qualifying fishery cooperatives.

B. Under the Act, a contract implementing a qualifying fishery cooperative must specify (i) that, other than as permitted under Section 210(b)(6) of the Act, the cooperative's catcher vessels will deliver pollock in the BS/AI directed pollock fishery only to the processor to which such vessels delivered more pollock than to any other AFA inshore processor in the last year in which the vessels engaged in directed fishing for pollock in the BS/AI for delivery to the inside sector, and (ii) that such processor has agreed to process such pollock.

C. The owners of eighty percent (80%) of the catcher vessels that delivered more pollock to the P/V NORTHERN VICTOR, a processing vessel owned by Evening Star, Inc., a wholly-owned subsidiary of Icicle, in the last year in which the vessels engaged in directed fishing for pollock for delivery to the inside sector have agreed, subject to the provisions of Section 210(b)(6) of the Act and related provisions in the Northern Victor Fleet Cooperative (the "Cooperative") Membership Agreement, to deliver pollock from the BS/AI directed pollock fishery only to the P/V NORTHERN VICTOR.

D. Icicle is willing to agree to process the BS/AI directed pollock fishery harvest of the Cooperative's members' vessels, to enable the Cooperative to obtain an allocation of BS/AI pollock under Section 210 of the Act.

Now, therefore, Icicle hereby agrees to purchase and process pollock harvested in the BS/AI directed pollock fishery by the Cooperative's members' catcher vessels, on terms and conditions to be agreed upon by and between Icicle and such vessels' owners. Icicle hereby acknowledges and agrees that, pursuant to Section 210(b)(6) of the Act and subject to provisions of the Membership Agreement, such vessels may deliver up to ten percent (10%) of the Cooperative's BS/AI pollock allocation to qualified shoreside processors other than Icicle.

ICICLE SEAFOODS, INC.

By Ann Ann
Its PRESIDENT

UNALASKA FLEET COOPERATIVE

P.O. BOX 5030 • SEATTLE WASHINGTON 98105-0030
Phone: 206 547-2100
Fax: 206 547-5056

Ms Amy
Progress
Sea Wolf
Vanguard
Western Dawn

Alaska Rose
Ang Rose
Destination
Great Pacific
Messiah
Morning Star

January 11, 2002

Mr. Chris Oliver
North Pacific Fishery
Management Council
605 West 4th Avenue, Suite 306
Anchorage, AK 99501-2252

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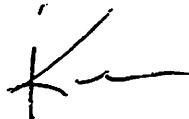
RE: Unalaska Fleet Cooperative
Final Report 2001

Dear Mr. Oliver:

We have reviewed our draft co-op report sent earlier. The only changes we found necessary to make were to change preliminary to final and date it January 1, 2002. A copy of this report is enclosed.

If anything further is needed, please contact me.

Regards,



Kenneth Tippett
KenT@wardscope.com

KAT/lw
enclosure

cc John Grinnell NCS

2001

FINAL REPORT

UNALASKA FLEET COOPERATIVE

Presented to the North Pacific Fisheries Management Council
January 1, 2002

Prepared by Sylvia Ettfagh

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I. INTRODUCTION

In response to a large expanding and overcapitalized fleet competing for Pollock in an Olympic system, congress provided capital for the retirement of nine catcher processor vessels through the American Fisheries Act (AFA.) The Bering Sea Pollock allocation is distributed to cooperatives in the various sectors based on a formula in accordance to the AFA. Vessels qualified for AFA status were required to submit their request by December of 2000 for participation in the 2001 Bering Sea Pollock fishery. Those vessels qualified for AFA status who opted not to join cooperatives were then able to participate in the Bering Sea Pollock fishery in the open access sector. 2001 marked the second year of cooperatives in the inshore fishery.

The Unalaska Fleet Cooperative is one of seven inshore cooperatives formed in December 1999 in accordance to the directives set forth by congress in the AFA. Our objective is to reduce the competition for fish thereby promoting economic stability and safety for all members, fishermen and vessels. In our second year of operation we continued to expand our management to increase utilization of the fishery while decreasing bycatch. By utilizing the flexibility accorded us through the AFA, we were able to continue increasing the quality of our catch and the efficiency of our operation.

In compliance with AFA regulations, this report is submitted as a preliminary summary of harvest and cooperative performance for the 2001 fishing season in the Bering Sea and the Gulf of Alaska. Catch figures have been provided by Sea State Inc. and from internal catch statistics as calculated by the cooperative manager.

Catch statistics are separated into two sections, the Bering Sea AFA Pollock fishery and the sideboard fisheries in both the Bering Sea and the Gulf of Alaska. Included are tables reporting distribution and catch of AFA Pollock by member vessels. All target species, aggregate groundfish bycatch and prohibited species catch (PSC) are tabulated for each target fishery on a per vessel basis.

II. UNALASKA FLEET COOPERATIVE

A. MEMBERSHIP

The Unalaska Fleet Cooperative was formed in December of 1999 to obtain a specific allocation of Pollock in the Bering Sea and Aleutian Islands based on the landed history of member vessels in 1995, 1996 and 1997. The allocated amount would then be distributed among member vessels as per agreement in the bylaws of the cooperative. Our primary goal is to reduce and utilize non-target species bycatch in a responsible fashion. Members strive to reduce incidental bycatch of prohibited species through fishing practices and use of research and development of new gear and techniques. Membership consists of persons or entities that qualify to form a fishery cooperative associated with the Alyeska Seafood Inc plant in Unalaska under section 2 10(b) of the American Fisheries Act.

MEMBER	VESSEL	LOA	AFA PERMIT NUMBER	COD EXEMPT. STATUS
Alaska Rose L.P.	Alaska Rose	124'	515	Non exempt
Bering Rose L.P.	Bering Rose	124'	516	Non exempt
F/V Destination Limited Partnership	Destination	180'	3988	Non exempt
Great Pacific Limited Partnership	Great Pacific	124'	511	Non exempt
Morning Star L.P.	Morning Star	148'	208	Non exempt
Rondy's Inc. and Seamate, Inc.	Progress	114'	512	Non exempt
Futura Fisheries Inc.	Vanguard	94'	519	Mothership
F/V Western Dawn, LLC	Western Dawn	113'	134	Mothership
Kendrick Bay L.P.	Sea Wolf	143'	1652	Non exempt
F/V Ms Amy and Messiah, L.P.	Ms Amy	90'	2904	Non exempt
F/V Ms Amy and Messiah, L.P.	Messiah	90'	6081	Exempt

B. IN SEASON MANAGEMENT

Fishing strategies and plans were developed to improve resource utilization. A manager was contracted to verify catch histories for Pollock and all sideboard species in both the Bering Sea/Aleutian Islands and the Gulf of Alaska and perform in season management of the fleet based on catch trends and fleet operations. Upon verification of histories, associated sideboard caps and cooperative Pollock allocations were then distributed among the coop fleet based on individual vessel landed catch histories using the same criteria as NMFS for each fishery.

The manager was present in Dutch Harbor during the fishing season to monitor the catch of Pollock and sideboard species. Additional responsibilities include guiding the fleet in understanding the coop structure and objectives, gathering and analyzing data to help vessel captains reduce bycatch, and identifying and initiating change in accordance with those objectives. Bycatch reduction Weekly updates informed the membership of the overall standing of the fleet and coop related interactions. Communications were maintained with the captains, crews and the plant manager resulting in an orderly harvest of fish to meet increased utilization goals.

All deliveries were monitored and recorded both on a fleet and by vessel basis. Captains were presented with a one page spreadsheet outlining directed catch, bycatch, prohibited species catch numbers and rates, and amount of allocation remaining. Bycatch was monitored on a per delivery basis, and information relayed to the fleet in a timely manner via satellite communications. Overall fleet catch, adjusted prohibited species catches, sideboard amounts were also monitored, as per processor daily electronic reporting, by Sea Sate Inc and data was posted on a web site. All parties compared in house data with this data on a weekly basis to reconcile accounting.

Transfer agreements were negotiated within the cooperative to facilitate the efficient use of allocations. Members were allowed to transfer shares of pollock to other members within the coop by first contacting the manager to verify the amount to be transferred. The manager then prepared a transfer agreement to be signed by representatives of both vessels and the manager. Upon completion of the documents, the fleet and individual vessel spreadsheets were adjusted to reflect the change. The manager also advised members to initiate transfers based on remaining allocations, hold capacity, fishing grounds, fish size and quality.

III. AFA POLLOCK

A. INITIAL ALLOCATION OF BERING SEA POLLOCK

In 2001 the initial allocation of pollock was restricted to the Bering Sea only. Aleutian Islands stocks were available as incidental catch in other fisheries only. The established TAC of 1,400,000 metric tons was allocated based on established schedules as follows:

TAC	1,400,000
CDQ - 10%	140,000
INCIDENTAL CATCH ALLOWANCE - 5%	50,400
* OFFSHORE - 40%	483,840
* MOTHERSHIP - 10%	120,960
* INSHORE - 50%	604,800

* Amounts calculated after deductions

for CDQ and ICA

The inshore cooperative TAC was further split between those vessels in cooperatives and vessels not in cooperatives (open access.) In September 12,000 MT of Pollock was released from the Incidental Catch Allowance (ICA.) This additional amount was distributed based on the percentages listed above. The total catch available to the inshore sector was therefore increased to 610,800 MT.

B. ALLOCATION TO THE UNALASKA FLEET COOPERATIVE.

Cooperative allocations were based on the aggregate catch of member vessels during the best two of three years during 1995-1997. The total of all coops was then subtracted from the total inshore allocation to determine the open access quota. The overall cooperative shares were adjusted as compared to 2000 to reflect changes in the number of vessels meeting the AFA deadline, some cooperatives memberships and a review by NMFS of AFA vessel histories.

COOPERATIVE	SUM OF MEMBER VESSEL HISTORIES	PERCENTAGE OF INSHORE ALLOCATION	2001 ALLOCATION - INCLUDING TAC RELEASE
Akutan Catcher Vessel Association	249,800	28.682%	175,187
Arctic Enterprise Association	51,022	5.858%	35,782
Northern Victor Fleet Cooperative	72,517	8.326%	50,857
Peter Pan Fleet Cooperative	15,347	1.762%	10,763
Unalaska Fleet Cooperative	106,737	12.255%	74,856
Unisea Fleet Cooperative	212,608	24.411%	149,104
Westward Fleet Cooperative	160,257	18.400%	112,390
Open Access	2,652	0.304%	1,861
TOTAL	870,940	100.000%	610,800

C. INITIAL ALLOCATION TO VESSELS WITHIN THE UNALASKA COOPERATIVE

Vessels within the cooperative received initial allocations based on their catch histories in the best two of three years in 1995-1997. For the A and B seasons each vessel's share was determined as a percentage of the total of the best two years landed catch of each vessel. C and D season percentages were revised to reflect changes in approved catch histories. Adjustments were made to each vessels share to correct for allocation changes as a result of the NMFS review of vessel histories. The following table includes distributions as a percentage of the ICA rollover.

VESSEL	2001 MT	COOP % A/B	COOP % C/D
ALASKA ROSE	10,276	13.598%	13.809%
BERING ROSE	10,535	13.967%	14.140%
DESTINATION	13,140	17.387%	17.660%
GREAT PACIFIC	7,545	9.984%	10.141%
MESSIAH	1,398	1.850%	1.879%
MORNING STAR	10,364	13.714%	13.929%
Ms. AMY	3,008	4.038%	4.005%
PROGRESS	6,581	9.564%	8.300%
SEA WOLF	9,254	12.252%	12.432%
VANGUARD	344	0.456%	0.463%
WESTERN DAWN	2,412	3.191%	3.242%
TOTAL	74,856	100.000%	100.000%

D. UNALASKA FLEET COOPERATIVE 2001 ALLOCATIONS – TRANSFERS AND HARVEST

VESSEL	2001 ALLOCATIONS				HARVEST ³	REMAINING ⁴ ALLOCATION
	INITIAL ¹	ADJUSTMENTS ²	TRANSFERS	TOTAL		
ALASKA ROSE	10337.15	64.89	937.89	11339.94	11,261.18	78.76
BERING ROSE	10584.71	63.10	721.95	11369.76	11,322.47	47.29
DESTINATION	13219.49	85.15	1256.62	14561.26	14,485.43	75.83
GREAT PACIFIC	7590.87	48.86	551.08	8190.81	8,143.77	47.04
MESSIAH	1406.81	-44.45	-1369.52	-7.16	0	-7.16
MORNING STAR	10426.92	64.53	145.25	10636.70	10,574.39	62.31
Ms. AMY	2998.06	-58.32	-2933.28	6.46	0	6.46
PROGRESS	6212.81	-291.50	-17.61	5903.70	6,268.24	-364.54
SEA WOLF	9306.24	49.54	893.42	10249.20	10,191.92	57.28
VANGUARD	346.44	2.22	-96.99	251.67	244.80	6.87
WESTERN DAWN	2426.50	15.87	-88.34	2354.03	2,324.04	29.99
TOTAL	74856.00	-0.11	0.48	74856.37	74,816.23	40.13

Members were allowed to transfer allocation within the coop to increase the efficiency of the fleet. Both the individual member and the coop manager initiated transfers.

1. Initial allocations are based on revised distributions percentages as of the June 2001 review of vessel catch histories.
2. Adjustments reflect changes in 2000 distributions based on final vessel catch histories determined in June 2001.
3. Harvest includes landed Pollock only.
4. Remaining allocation includes differences due to changes in distribution within the coop as a result of the June 2001 NMFS review of vessel catch histories.

E. UNALASKA FLEET COOPERATIVE 2001 BERING SEA – AFA DIRECTED POLLOCK FISHERY – CATCH AND BYCATCH

Vessel	Landed Pollock	Total Groundfish Catch	Halibut Bycatch	Halibut Mortality	Chinook No.	Other Salmon No.	Red King crab No.	Bairdi No.	Other Tanner No.	Herring Wt
ALASKA ROSE	11,261.18	11,324.94	2.19	1.90	305.31	662.52	4.23	1.54	17.41	1.08
BERING ROSE	11,322.47	11,443.61	2.27	1.98	294.23	580.78	2.45	1.76	7.55	1.27
DESTINATION	14,485.43	14,590.51	2.69	2.34	429.47	759.10	3.69	2.74	13.50	0.78
GREAT PACIFIC	8,143.77	8,192.56	1.82	1.58	303.18	385.09	2.24	1.04	0.74	0.42
MORNING STAR	10,574.39	10,642.81	2.03	1.77	268.48	598.73	3.43	1.80	7.98	0.67
PROGRESS	6,268.24	6,307.91	1.30	1.13	197.16	283.49	2.52	0.96	5.73	0.41
SEA WOLF	10,191.92	10,280.12	1.88	1.64	276.03	555.48	3.96	1.47	6.52	0.70
VANGUARD	244.80	245.33	0.03	0.03	1.70	6.57	0.00	0.05	0.05	0.07
WESTERN DAWN	2,324.04	2,329.29	0.30	0.26	40.09	113.50	0.15	0.49	3.43	0.19
FLEET TOTAL	74,816.23	75,357.09	14.50	12.62	2,115.66	3,945.26	22.67	11.85	62.91	5.59

Historical Salmon migration patterns, PSC catch rates and seasonal historic processor product recovery rates were all considered in creating the fishing plan. PSC bycatch numbers were monitored in conjunction with the intercoop manager and Sea State Inc. Daily reporting of Chum salmon catch rates in ADF&G statistical areas by delivery were compiled to create "hot spot" avoidance areas. In season adjustments were made to reduce Chinook and Chum Salmon bycatch. The other Salmon rate was lower than in 2000.

IV. SIDEBOARDS AND THE INTERCOOP AGREEMENT

As in 2000, representatives of the nine catcher vessel cooperatives developed an agreement that governs the relationships between the individual cooperatives. This agreement was approved by all the catcher vessel (CV) cooperatives. The primary reasons for this agreement include:

- 1) Allocation, monitoring and compliance of the GOA and BSAI groundfish limits among the coops;
- 2) Allocation, monitoring and compliance of certain PSC caps by the individual cooperatives;
- 3) Allocation and monitoring and compliance of the harvest of BSAI pollock inside the Stellar Sea Lion Conservation Area (over and =/under 99' vessels;)
- 4) Establishment of penalties for a coop exceeding its pollock and sideboard allocations;
- 5) Provide for the harvest of BSAI P. cod for the "< 1700 mt" exempt vessels while complying with AFA PSC limits;
- 6) Establishment and monitoring of sideboard species transfers between cooperatives;
- 7) To promote compliance of the Council's recommended Sideboard measures and PSC limits while allowing for maximum harvest of the AFA pollock and sideboard allocations; and
- 8) To establishment, monitoring and enforcing the Chum Salmon Management Plan to reduce Salmon bycatch especially during the C and D seasons.

A. Management

In accordance with Section 211(c) of the AFA, the North Pacific Fisheries Management Council (Council) adopted sideboard species caps to give assurances to non-AFA vessel owners that AFA vessels would not harvest more than their traditional levels of groundfish fisheries in the GOA and BSAI. However, the Council and NMFS did not provide allocations of sideboard species to the individual cooperatives. Rather, they established an aggregate groundfish sideboard cap for all AFA catcher vessels. In order to work together to meet the Council's intent of not exceeding these caps, all nine CV cooperatives agreed to individual coop harvest limits and penalties for all sideboard fisheries, combined with an industry funded and established catch monitoring program (Sea State, Inc.).

The cooperatives agreed to limit their collective members' harvest of each sideboard species to the amount determined by a history-based formula set out in the Intercoop Agreement. The formula includes reserving an amount of each sideboard species necessary to fund bycatch needs of other directed fisheries (example: P. cod bycatch in the Pollock or YFS fisheries).

Making this agreement somewhat difficult was the Council established exempt vessel classification for CVs. The Council established an exemption to the BSAI P cod limit for AFA vessels < 125' LOA whose annual BSAI Pollock landings during 1995-1997 were less than 1700mt and also had made more than 30 deliveries of P. cod during those years. The Council also exempted the Mothership AFA vessels from the BSAI P. cod cap after March 1st. In addition, the Council made an exemption to the GOA groundfish limits for AFA vessels < 125' LOA whose annual BSAI Pollock landings during 1995-1997 were less than 1700mt and also had made more than 40 GOA deliveries of groundfish during those years.

The agreement allows the exempt vessels unlimited access to the directed fishery, while constraining them to an acceptable PSC rate.

The Council's exempt recommendation was for an exemption to the directed species, (in this case P. cod), and not an exemption to associated PSC bycatch. To address this problem, the Intercoop Agreement contains language that provides for the AFA exempt vessels to fish the BSAI CV cod directed fishery allowance unconstrained. The agreement also provides for an allocation of PSC to these exempt vessels' coop as long as these vessels PSC rate below the acceptable AFA fleet rate.

B. PSC Management

Each coop receives PSC cap allocations for its non-exempt vessels proportionate to its related sideboard species allocations. In addition, each coop receives an initial PSC allocation for its exempt vessels. If a coop's exempt vessels' PSC rate remains at or below the predetermined acceptable rate, the coop can receive additional PSC when needed, as determined by the Monitoring Agent (Sea State), in order to continue fishing for BSAI P. cod. This "refreshing of PSC" only applies to the exempt AFA Vessels within a coop. The non-exempt AFA vessels have to live with their initial allocation of PSC.

1. Monitoring

The agreement acknowledges that timely reported catch data is necessary. Coops are required to provide timely data on sideboard catch and PSC to a monitoring agent. The nine CV coops have agreed to contract with Sea State, Inc. to provide centralized monitoring and reporting. Data sources include the new NMFS Shoreside Logbook Reporting Program, along with the Observer Program information.

An intercoop manager was hired and retained by United Catcher Boats to facilitate intercoop communications and negotiations. Communications between coop managers, Sea State and the intercoop manager were paramount to the success of fleet-wide measures aimed at reducing prohibited species bycatch in both the pollock and cod fisheries.

For example, using information available on the Sea State web site, the coop members were able to determine general trends in fleet bycatch by time and area. Halibut mortality rates were established by Sea State based on in season observer data. Weekly rates were available to coops by area and in aggregate. Overall fleet directed and bycatch amounts were monitored to facilitate transfers, cap utilization and bycatch reduction.

Another example involves coop members' efforts to manage salmon bycatch this fall. During the C/D season Salmon catch rates were reported daily by vessel and area to the intercoop manager. Daily tables were prepared and sent to captains. Sea State and the intercoop manager created weekly "dirty boat lists," based on NMFS information. This reporting effort resulted in lower salmon bycatch rates.

2. Sea Lion RPAs

Through the Intercoop Agreement, the coops agreed to limit their aggregate annual pollock harvest of its members per season and per area to the percentage of the annual inshore pollock directed fishing allowance. This included incorporating the Council recommended measure that exempts vessels under 99' LOA from the CVOA closures during the fall and winter months.

3. Penalties

The nine CV coops agreed to establish a penalty clause in the Intercoop Agreement in order to create over harvest disincentives. The penalty for an Inshore Coop member exceeding its pollock allocation amount for area or season is \$500/mt for the pollock "A" season and \$300/mt for the remaining three seasons. For exceeding a BS, AI and GOA P. cod sideboard allocation, the penalty amount is \$1,000/mt. For exceeding all other groundfish sideboard species, the penalty amount is \$300/mt. For this past year Sea State Inc. determined that none of the CV coop members exceeded their harvest allocations for either directed AFA pollock or sideboard species. Thus there were no penalties assessed.

4. Transfers

The Intercoop Agreement allows for the facilitation of transfers of pollock allocation and Sideboard limits among members. Upon verification of available cap by Sea State and the approval of transfer by the intercoop manager, sideboard caps of directed and prohibited species were transferred between coops. By allowing transfers, coops managed fleets to improve utilization of target species, reduce bycatch and provide a mechanism by which coops could manage their fleets to comply with the intercoop agreement.

5. Chum Salmon Management Plan

In cooperation with the Catcher Processor sector, the intercooperative agreement included a plan to reduce Chum Salmon bycatch in the Bering Sea. Each vessel reported bycatch numbers on a per haul basis to Sea State Inc daily via satellite communication. Bycatch rates were developed for each ADF&G statistical area weekly and coops ranked based on their aggregate vessel performance fro the season. The Bering Sea was divided into two zones. The area with the highest bycatch rate in each zone was closed to coops based on their rank. Coops with cumulative rates above 0.090 Salmon/ MT were unable to fish in a closed area for one week. Vessels ranked as tier II (0.054 – 0.090 / MT) were unable to fish in the closed area from Friday through Tuesday. Vessels with rates lower than 0.054 were able to fish in a closed area, but encouraged not to. Vessels were required to send out incident reports notifying the entire fleet of any areas with high Salmon concentrations.

C. UNALASKA FLEET COOPERATIVE 2000 BERING SEA – DIRECTED COD FISHERY – CATCH AND BYCATCH

Vessel	Status	Landed Cod RWE	Total Groundfish Catch	Halibut Bycatch	Halibut Mortality	Chinook N	Other Salmon N	Red King crab N	Bairdi N	Other Tanner N	Herring Wt
ALASKA ROSE	non - exempt	198.52	314.90	0.71	0.47	0.38	0.02	0.00	5.26	0.00	0.00
BERING ROSE	non - exempt	150.51	164.66	0.42	0.27	0.43	0.02	0.00	6.03	0.00	0.00
GREAT PACIFIC	non - exempt	0.05	0.06	0.00	0.00	0.01	0.00	0.00	0.03	0.04	0.00
MS AMY	non - exempt	428.72	516.08	11.42	7.53	42.56	3.92	0.00	241.07	178.17	0.00
MESSIAH	exempt	647.87	791.94	13.80	9.11	86.32	44.87	0.00	301.96	200.31	0.10
TOTAL	non - exempt	777.80	995.71	12.54	8.28	43.37	3.96	0.00	252.39	178.20	0.00
TOTAL	exempt	647.87	791.94	13.80	9.11	86.32	44.87	0.00	301.96	200.31	0.10
FLEET TOTAL		1,425.67	1,787.65	26.34	17.39	129.69	48.83	0.00	554.35	378.52	0.10

In accordance with regulations set forth to protect non Pollock fisheries as a result of AFA management strategies, catch limits based on historical participation by AFA qualified boats were included in the 2001 TAC distributions. These sideboard caps were based on historical fleet catches during the 1995 – 1997 fisheries in the Bering Sea and the Gulf of Alaska. In recognition of traditional fishing plans of some Bering Sea Cod vessels, further regulations were implemented to exempt “catcher vessels less than 125ft LOA whose annual BSAI pollock landings averaged less than 1,700 MT and that made 30 or more landings of BSAI Pacific Cod during that time period,” from sideboard caps. Additionally, in recognition of traditional fishing plans and histories, mothership qualified vessels were also exempt after March 1st. The Messiah (less than 1,700 MT) the Western Dawn and the Vanguard (mothership vessels,) qualify under these regulations. Mothership vessel Pacific Cod catches will be included in reports filed by the mothership cooperative.

Participation in the Cod fishery was limited to those vessels with traditional Cod history. Cap distribution within the coop was based on a blend of historical catches and production needs. Individual coop caps for target species and Halibut mortality amounts were agreed upon through an intercoop agreement. Halibut mortality rates were posted by area on a website managed by Sea State Inc. Vessel captains were encouraged to reduce bycatch with gear modifications and time area considerations.

**D. UNALASKA FLEET COOPERATIVE 2001 GULF OF ALASKA – DIRECTED
POLLOCK FISHERY – CATCH AND BYCATCH**

Vessel	610 Pollock Landed RWE	620 Pollock Landed RWE	630 Pollock Landed RWE	Total Groundfish Weight	Halibut Bycatch	Halibut Mortality	Chinook N	Other Salmon N	Red King crab N	Bairdi N	Other Tanner N	Herring Wt
MESSIAH	1,561.02	0.00	0.00	1,563.45	0.16	0.12	122.90	109.06	0.00	0.00	0.00	0.00
PROGRESS	0.00	333.38	28.25	369.08	0.09	0.07	131.31	0.42	0.00	2.09	0.00	0.00
VANGUARD	0.00	0.00	707.95	858.37	5.13	3.85	431.74	11.91	0.00	1,718.41	10.60	0.00
TOTAL	1,561.02	333.38	736.21	2,790.90	5.38	4.04	685.95	121.39	0.00	1,720.49	10.60	0.00

Members of the Unalaska Cooperative have traditionally participated in Pollock fisheries in both the Central and Western Gulf of Alaska. In compliance with AFA regulations and Interco- operative agreements, catches for 2000 were limited to historic percentages of AFA sideboards as calculated by Sea State Inc. Additionally, participation was limited to vessels meeting criteria set by council and NMFS. Only vessels without any Bering Sea Pollock landings were allowed to participate in the Western GOA area 610 Pollock fishery. Vessels under 125 ft were qualified to fish in the Central GOA areas 620 and 630 after a stand down as required by regulation. Central Gulf participation was further restricted, by in season cooperative management, to those vessels with specific Central Gulf history

**E. UNALASKA FLEET COOPERATIVE 2001 GULF OF ALASKA – DIRECTED COD
FISHERY – CATCH AND BYCATCH**

Vessel	P. Cod Landed RWE	Total Groundfish Weight	Halibut Bycatch MT	Halibut Mortality MT	Chinook N	Other Salmon N	Red King crab N	Bairdi N	Other Tanner N	Herring Wt
VANGUARD	27.36	78.47	0.76	0.48	3	0	0	21	0	0.00
TOTAL	27.36	78.47	0.76	0.48	3	0	0	21	0	0.00

This table represents hauls with target Pacific Cod in the Central Gulf of Alaska. Only one vessel participated in the directed Cod fishery.

**F. UNALASKA FLEET COOPERATIVE 2001 GULF OF ALASKA – DIRECTED
SHALLOW WATER FLATFISH FISHERY – CATCH AND BYCATCH**

Vessel	Eastern GOA Shallow Water Flatfish Landed RWE	Central GOA Shallow Water Flatfish Landed RWE	Western GOA Shallow Water Flatfish Landed RWE	Total Groundfish Weight	Halibut Bycatch MT	Halibut Mortality MT	Chinook N	Other Salmon N	Red King crab N	Bairdi N	Other Tanner N	Herring Wt
VANGUARD	0	16.46	0	24.88	1.77	1.77	3	0	1	47	0	0
TOTAL	0	16.46	0	24.88	1.77	1.77	4	0	1	47	0	0

Participation in these fisheries was limited to two vessels with historic catch. Only one vessel participated. In agreement with NMFS in season managers and the intercoop manager, the fishery was opened under strict voluntary registration measures.

G. UNALASKA FLEET COOPERATIVE 2001 GULF OF ALASKA – DIRECTED DEEP WATER FLATFISH FISHERY – CATCH AND BYCATCH

Vessel	Eastern GOA Deep Water Flatfish Landed RWE	Central GOA Deep Water Flatfish Landed RWE	Western GOA Deep Water Flatfish Landed RWE	Total Groundfish Weight	Halibut Bycatch MT	Halibut Mortality MT	Chinook N	Other Salmon N	Red King crab N	Bairdi N	Other Tanner N	Herring Wt
PROGRESS	0	15.29	0	17.85	1.15	1.15	0	0	0	1	0	0
TOTAL	0	15.29	0	17.85	1.15	1.15	0	0	0	1	0	0

Participation in these fisheries was limited to two vessels with historic catch. Only one vessel participated. In agreement with NMFS in season managers and the intercoop manager, the fishery was opened under strict voluntary registration measures.

H. UNALASKA FLEET COOPERATIVE 2001 GULF OF ALASKA – DIRECTED PACIFIC OCEAN PERCH (POP) FISHERY – CATCH AND BYCATCH

Vessel	Eastern GOA POP Landed GWE	Central GOA POP Landed RWE	Western GOA POP Landed RWE	Total Groundfish Weight	Halibut Bycatch MT	Halibut Mortality MT	Chinook N	Other Salmon N	Red King Crab N	Bairdi N	Other Tanner N	Herring Wt
PROGRESS	0	211.04	0	288.58	6.40	6.40	0	0	0	64	0	0
TOTAL	0	211.04	0	288.58	6.40	6.40	0	0	0	64	0	0

Participation in these fisheries was limited to two vessels with historic catch. Only one vessel participated in the directed fishery. In agreement with NMFS in season managers and the intercoop manager, the fishery was opened under strict voluntary registration measures.

**I. UNALASKA FLEET COOPERATIVE 2001 GULF OF ALASKA – DIRECTED
NORTHERN ROCKFISH FISHERY – CATCH AND BYCATCH**

Vessel	Eastern GOA Northern Rockfish Landed GWE	Central GOA Northern Rockfish Landed RWE	Western GOA Northern Rockfish Landed RWE	Total Groundfish Weight	Halibut Bycatch MT	Halibut Mortality MT	Chinook N	Other Salmon N	Red King Crab N	Bairdi N	Other Tanner N	Herring Wt
PROGRESS	0	100.42	0	237.64	6.39	6.39	10	11	0	17	0	0
TOTAL	0	100.42	0	237.64	6.39	6.39	10	11	0	17	0	0

Participation in these fisheries was limited to two vessels with historic catch. Only one vessel participated. In agreement with NMFS in season managers and the intercoop manager, the fishery was opened under strict voluntary registration measures.

**FINAL REPORT OF THE
UNISEA FLEET COOPERATIVE
YEAR 2001**

**Presented to the
North Pacific Fishery Management Council
January 30, 2002**

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**FINAL REPORT OF THE
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INTRODUCTION

UniSea Fleet Cooperative (UFC) is pleased to submit this document and results of their 2001 Bering Sea fishery to the North Pacific Fishery Management Council (NPFMC) in compliance with annual reporting requirements of the 1998 American Fisheries Act (AFA).

Year 2001 was the second year of UFC operations under the AFA. The UniSea fleet was managed and operated during 2001 following the successful model established during the 2000 fishery—basically without change. This document format and 13 exhibits herein reporting UFC co-op members, management, allocations, catches, sideboard limits, prohibited species catches and enforcement is also consistent with UFC's year 2000 reporting to the NPFMC. We believe this reporting format and detail is both in keeping with AFA reporting requirements and provides easy comparison to the prior year results.

UNISEA FLEET MEMBER VESSELS AND CO-OP MANAGEMENT

Seven individual members representing 13 catcher vessels signed their second year's co-op membership agreement on December 1, 2000, which continued the original December 14, 1999, agreement and enabled them to operate under the laws of the AFA in a fishery cooperative delivering pollock to UniSea Inc. during the 2001 fishing season. One provision of this agreement "section 12 Distribution of Open Market Percentage" was changed by amendment to the membership agreement on May 10, 2001 (Attachment 1).

UFC 2001 member owners and their vessels are listed below:

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

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

Reidar Tynes, President, Tynes Enterprises, Inc.

- F/V *American Eagle* 120 ft LOA

Jeff Hendricks, Manager, Auriga/Aurora General Partnership

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

Barry Ohai, Manager, F/V *Defender* Limited Partnership

- F/V *Defender* 195 ft LOA

Barry Ohai, Authorized Agent, Pacmon LLC

- F/V *Pacific Monarch* 165 ft LOA

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

- F/V *Gun-Mar* 164 ft LOA

Cary Swasand, President, Aleutian Spray Fisheries, Inc.

- F/V *Starfish* 123 ft LOA
- F/V *Starlite* 123 ft LOA
- F/V *Starward* 123 ft LOA

Cary Swasand, Blue Boat Corporation

- F/V *Nordic Star* 123 ft LOA

Fred Yeck, President, FY Fisheries, Inc.

- F/V *Sea Dawn* 124 ft LOA

Co-op management and administration continued during 2001 basically unchanged from 2000 (Exhibit 1). Mr. Jeff Hendricks continued to serve as the president of UniSea Fleet Cooperative and Mr. Pete Maloney continued to serve as the coordinator. Coordination of information on allocations, transfers, pollock catches, sideboard catches and prohibited species catches between the UniSea plant in Dutch Harbor, the member vessels, Sea State, the Inter co-op Manager and the National Marine Fisheries Service all continued during 2001 as established the prior year.

UFC BERING SEA POLLOCK ALLOCATION TRANSFERS AND CATCH

UFC's received an initial 2001 AFA Bering Sea pollock allocation of 147,640 mt, which in turn was allocated among their 13 member vessels (Exhibits 2 and 3). The initial allocation to UFC was adjusted upward by 1,464 mt in September 2001 due to unused pollock bycatch in other Bering Sea fisheries to a final allocation of 149,104 mt. Exhibit 4 summarizes final individual vessel directed Bering Sea pollock allocations after adjustment for the September release, after adjustment for within co-op transfers and after adjustment for outside co-op transfers. Exhibit 5 compares UFC member vessel final directed Bering Sea pollock allocations with their respective directed pollock catches. Directed Bering Sea pollock catches totaled 149,013 mt or 91 mt less than the final allocation, which provided for 99.94% utilization. Bycatch of other groundfish, herring, halibut, crab and salmon from the directed Bering Sea pollock fishery are detailed by member vessel in Exhibit 6.

OUTSIDE UNISEA PROCESSOR DELIVERIES

One UFC member vessel (*Starward*) delivered 7,097.221 mt of directed Bering Sea pollock to a non-affiliated inshore processor (*Westward*). These deliveries comprised 4.76% of the UFC directed Bering Sea pollock allocation, well below the AFA 10% limit on transfers to non-affiliated processors (Exhibit 7).

SIDEBOARD LIMITATIONS AND CATCHES

Sideboard limits for the UFC co-op vessels totaled 12,484 mt as detailed by species/area in Exhibit 8. By comparison, sideboard catches totaled only 1,327 mt and no individual species/area sideboard limits were exceeded.

The UFC halibut mortality bycatch sideboard limit for the Bering Sea directed cod fishery totaled 46.212 mt compared to a halibut bycatch mortality of 19.523 mt, which resulted from this cod fishery.

DIRECTED BERING SEA COD AND GULF POLLOCK FISHERY

UFC's directed Bering Sea Pacific cod allocations and catches are presented in Exhibit 9 by member vessel. Directed Bering Sea UFC cod catches totaled 1,149 mt, which was 528 mt below the co-op's final cod allocation. Bycatch of other groundfish, halibut, herring, crab and salmon in the UFC directed Bering cod fishery is detailed in Exhibit 10.

UFC's directed Gulf of Alaska pollock sideboard limits by Gulf regulatory area and season totaled 4202 mt as earlier noted in Exhibit 8. A total of 228 mt of this limit was transferred to other co-ops (Exhibit 11), but UFC member vessels conducted no directed pollock fishery in the Gulf of Alaska.

DIRECTED CRAB FISHING

Nine UFC member vessels, all of which were License Limitation Program qualified to harvest crab, participated in the 2001 Bristol Bay red king crab fishery and three of these same nine vessels (*Alsea*, *Argosy* and the *American Eagle*) also fished *opilio* Tanner crab. Their catches totaled 201,511 pounds of red king crab and 163,189 pounds of *opilio* (Exhibit 12).

UFC PROHIBITED SPECIES CATCH TOTALS, 2001

Member vessel prohibited species catch totals for herring, Bristol Bay red king crab, *bairdi* Tanner crab, other Tanner crab, chinook salmon and other salmon are provided in Exhibit 13.

UFC MONITORING AND ENFORCEMENT

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

Exhibit 1. Schematic of UniSea Fleet Cooperative Operations, year 2001.

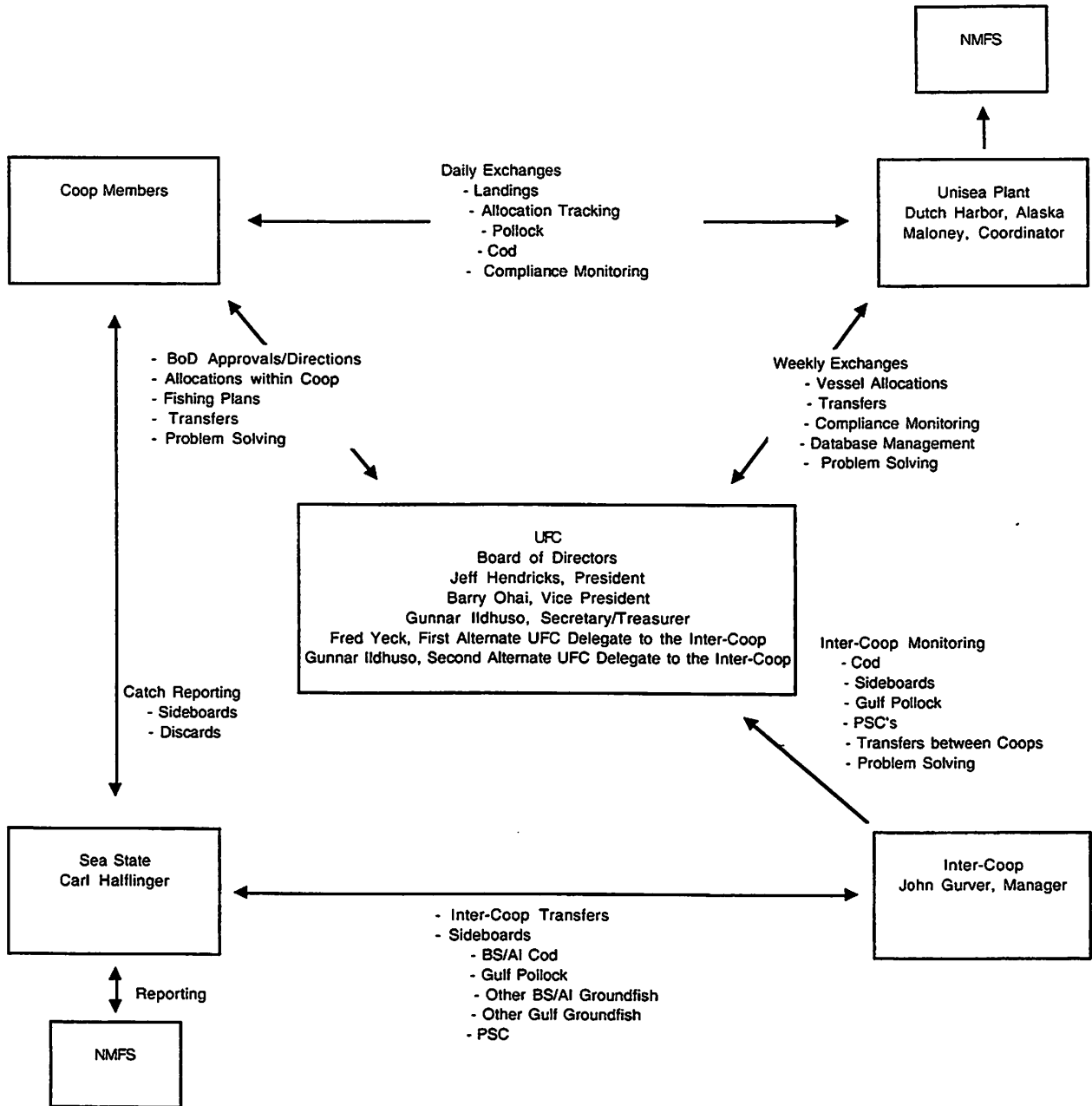


Exhibit 2. UniSea Fleet Cooperative member vessel initial pollock allocations expressed as a percentage of the co-op total, as a percentage of the Bering Sea directed pollock fishery, and in metric tons for the year 2001.

Initial Allocation		Initial Pollock Allocations		
147,640,000		% Co-op Allocation	% Directed Pollock Fishery	Year 2001 Allocation (mt)
Company Name	Member Vessels			
Rondy's, Inc.	Alsa	6.89%	0.84%	10,169.149
Rondy's, Inc.	Argosy	6.76%	0.83%	9,982.560
Tynes Enterprises, Inc.	American Eagle	4.42%	0.54%	6,530.080
Aurora/Auriga General Partnership	Auriga	12.07%	1.47%	17,816.773
Aurora/Auriga General Partnership	Aurora	13.59%	1.66%	20,068.469
F/V Defender Limited Partnership	Defender	14.34%	1.75%	21,170.357
Ildhuso Fisheries, Inc.	GunMar	9.19%	1.12%	13,571.435
Blue Boat Corporation	Nordic Star	4.18%	0.51%	6,176.270
Aleutian Spray Fisheries, Inc.	Starfish	6.16%	0.75%	9,093.583
Aleutian Spray Fisheries, Inc.	Starlite	5.07%	0.62%	7,489.773
Aleutian Spray Fisheries, Inc.	Starward	4.98%	0.61%	7,355.626
FY Fisheries, Inc.	SeaDawn	5.73%	0.70%	8,453.770
PacMon LLC	Pacific Monarch	6.61%	0.81%	9,762.154
Co-op Total		100.00%	12.21%	147,640,000

Exhibit 3. UniSea Fleet Cooperative year 2001 Bering Sea pollock allocations after purchase of F/V *Pacific Monarch*.

Total Season Initial Allocation:					
147,640		Initial	PacMon	Pacific Monarch	
Company Name	Member Vessels	% Co-op Allocation	Pollock Allocation Transfer	Adjusted Pollock Allocation Percent	Metric Tons
Rondys, Inc.	Alsea	6.8878%	0.5198%	7.4076%	10,936.566
Rondys, Inc.	Argosy	6.7614%	0.5103%	7.2717%	10,736.004
Tynes Enterprises, Inc.	American Eagle	4.4230%	0.3336%	4.7566%	7,022.671
Aurora/Auriga General Partnership	Auriga	12.0677%	0.9102%	12.9779%	19,160.627
Aurora/Auriga General Partnership	Aurora	13.5928%	1.0254%	14.6182%	21,582.343
F/V Defender Limited Partnership	Defender	14.3392%	1.0814%	15.4206%	22,766.911
Ildhuso Fisheries, Inc.	GunMar	9.1922%	0.6933%	9.8856%	14,595.047
Blue Boat Corporation	Nordic Star	4.1833%	0.3155%	4.4988%	6,642.077
Aleutian Spray Fisheries, Inc.	Starfish	6.1593%	0.4646%	6.6239%	9,779.484
Aleutian Spray Fisheries, Inc.	Starlite	5.0730%	0.3825%	5.4555%	8,054.564
Aleutian Spray Fisheries, Inc.	Starward	4.9821%	0.3754%	5.3576%	7,909.937
FY Fisheries, Inc.	Seadawn	5.7259%	0.0000%	5.7259%	8,453.770
PacMon LLC	Pacific Monarch	6.6121%	-6.2367%	0.0000%	0.000
PacMon Quota Transfer to Aleutian Spray - see transfers		-	-0.3754%	-0.3754%	0.000 *
Co-op Total		100.0000%	0.0000%	99.6246%	147,640.000

* 215.881 metric tons of pollock transferred from F/V Starward to Aleutian Spray Fisheries - see Transfers

Exhibit 4. UniSea Fleet Cooperative member vessel final Bering Sea directed pollock allocations for the year 2001.

Pollock Transfers & Final Allocation		Year 2001	Within Co-op	Outside Co-op	Year 2001	Final
Company Name	Member Vessels	Initial Pollock Allocation (mt)	Net Transfer In & Out (mt)	Net Transfer In & Out (mt)	Additional Pollock Allocation (mt)	Pollock Allocation (mt)
Rondy's, Inc.	Alsea	10,936.566	-98.047	.	108.447	10,946.966
Rondy's, Inc.	Argosy	10,736.004	-31.589	.	106.458	10,810.873
Tynes Enterprises, Inc.	American Eagle	7,022.671	-30.626	.	69.637	7,061.682
Aurora/Auriga General Partnership	Auriga	19,160.627	112.403	.	189.997	19,463.027
Aurora/Auriga General Partnership	Aurora	21,582.343	-120.816	.	214.011	21,675.537
F/V Defender Limited Partnership	Defender	22,766.911	-51.378	.	225.757	22,941.290
Ilduhuso Fisheries, Inc.	GunMar	14,595.047	-15.048	.	144.725	14,724.723
Blue Boat Corporation	Nordic Star	6,642.077	-35.340	.	65.863	6,672.600
Aleutian Spray Fisheries, Inc.	Starfish	9,779.484	222.926	.	96.973	10,099.383
Aleutian Spray Fisheries, Inc.	Starlite	8,054.564	-3.493	.	79.869	8,130.940
Aleutian Spray Fisheries, Inc.	Starward	7,909.937	221.058	-215.881 *	78.435	7,993.549
FY Fisheries, Inc.	SeaDawn	8,453.770	45.831	.	83.828	8,583.429
Co-op Totals		147,640.000	215.881	-215.881	1,464.000	149,104.000

* 215.881 metric tons of pollock transferred from F/V Starward to Aleutian Spray Fisheries

Exhibit 5. Comparison of UniSea Fleet Cooperative member vessels directed Bering Sea pollock catches with final allocations, year 2001.

Final Pollock Allocation v. Catch
Unisea Co-op Vessels, BS 2001

Company Name	Member Vessels	Final Pollock Allocation (mt)	Directed Bering Sea Pollock Catch by Vessel (mt)	Difference Over (+) Under (-)
Rondy's, Inc.	Aalsea	10,946.966	10,946.739	-0.227
Rondy's, Inc.	Argosy	10,810.873	10,810.649	-0.224
Tynes Enterprises, Inc.	American Eagle	7,061.682	7,027.749	-33.933
Aurora/Auriga General Partnership	Auriga	19,463.027	19,460.358	-2.669
Aurora/Auriga General Partnership	Aurora	21,675.537	21,623.281	-52.256
F/V Defender Limited Partnership	Defender	22,941.290	22,940.815	-0.475
Ilduhuso Fisheries, Inc.	GunMar	14,724.723	14,724.417	-0.306
Blue Boat Corporation	Nordic Star	6,672.600	6,672.459	-0.141
Aleutian Spray Fisheries, Inc.	Starfish	10,099.383	10,099.176	-0.207
Aleutian Spray Fisheries, Inc.	Starlite	8,130.940	8,130.769	-0.171
Aleutian Spray Fisheries, Inc.	Starward	7,993.549	7,993.380	-0.169
FY Fisheries, Inc.	SeaDawn	8,583.429	8,583.252	-0.177
Co-op Total		149,104.000	149,013.045	-90.954

Exhibit 6. Directed pollock fishing catch and bycatch and PSC's for the UniSea Fleet Cooperative member vessels, year 2001.

Company Name	Member Vessels	Directed Bering Sea Pollock Landed Catch (mt)	Other Groundfish Catch (mt)	Halibut Mortality Catch (mt)	Herring Catch (mt)	Red King Crab (#)	<i>bairdi</i> Tanner Crab (#)	Other Tanner Crab (#)	Chinook Salmon (#)	Other Salmon (#)
Rondy's, Inc.	Alsea	10,947	106	2	5	0	0	0	168	131
Rondy's, Inc.	Argosy	10,811	112	0	4	0	0	1	106	510
Tynes Enterprises, Inc.	American Eagle	7,028	43	0	1	0	0	2	78	397
Aurora/Auriga General Partnership	Auriga	19,460	208	5	1	0	0	0	155	223
Aurora/Auriga General Partnership	Aurora	21,623	218	7	1	0	1	0	289	125
F/V Defender Limited Partnership	Defender	22,941	314	2	1	0	17	4	215	387
Ilduhuso Fisheries, Inc.	GunMar	14,724	159	1	1	0	0	0	129	405
Blue Boat Corporation	Nordic Star	6,672	92	1	1	0	0	2	106	567
Aleutian Spray Fisheries, Inc.	Starfish	10,099	111	0	1	0	0	0	109	563
Aleutian Spray Fisheries, Inc.	Starlite	8,131	52	0	3	0	0	0	105	603
Aleutian Spray Fisheries, Inc.	Starward	7,993	85	0	1	0	0	0	112	376
FY Fisheries, Inc.	SeaDawn	8,583	73	0	1	0	0	0	85	569
Co-op Total*		149,013	1,573	21	15	0	18	9	1,657	4,856

* Some totals are rounded to nearest metric ton or # of animals
Note: Catch totals are from Unisea & Seastate data

Exhibit 7. UniSea Fleet Cooperative member vessel delivery of Bering Sea pollock to non-affiliated inshore processor, year 2001.

Pollock Transfers Outside the Co-op

Company Name	Transfer From	Transfer To	Transfer Amount (mt)	% Co-op Total
Aleutian Spray Fisheries, Inc.	Starward	Westward Seafoods	7,097.221	4.76%
Transfer Totals			7,097.221	4.76%

Exhibit 8. Sideboard limits and aggregate catch for the UniSea Fleet Cooperative member vessels, year 2001.

Species/Area	Initial UFC Sideboard Limit (mt)	Inter-Co-op Sideboard Transfer (mt)	Final Sideboard Limit (mt)	Co-op Catch (mt)	Difference Over "+" (mt) Under "-" (mt)
BSAI Pacific cod	4,092	-45	4,047	1,149	-2,898
BSAI yellowfin sole	3,752	0	3,752	67	-3,685
BSAI rock sole	216	0	216	111	-105
Western GOA Pacific cod	222	0	222	0	-222
Central GOA Pacific cod	0	0	0	0	0
Area 610 "A" season pollock	900	0	900	0	-900
Area 620 "A" season pollock	0	0	0	0	0
Area 630 "A" season pollock	39	-39	0	0	0
Shelikof "A" season pollock	219	0	219	0	-219
Area 610 "B" season pollock	450	0	450	0	-450
Area 620 "B" season pollock	0	0	0	0	0
Area 630 "B" season pollock	19	-19	0	0	0
Shelikof "B" season pollock	109	-109	0	0	0
Area 610 "C" season pollock	1,284	0	1,284	0	-1,284
Area 620 "C" season pollock	0	0	0	0	0
Area 630 "C" season pollock	61	-61	0	0	0
Area 610 "D" season pollock	1,070	0	1,070	0	-1,070
Area 620 "D" season pollock	0	0	0	0	0
Area 630 "D" season pollock	51	0	51	0	-51
WGOA shallow-water flatfish	0	0	0	0	0
CGOA shallow-water flatfish	0	0	0	0	0
EGOA shallow-water flatfish	0	0	0	0	0
CGOA deep-water flatfish	0	0	0	0	0
CGOA northern rockfish	0	0	0	0	0
CGOA Pacific ocean perch	0	0	0	0	0
EGOA Pacific ocean perch	0	0	0	0	0
Co-op All Species Sideboard Total	12,484	-273	12,211	1,327	-10,884
PSC limited halibut for Bering Sea Directed cod fishery	46			19	

Note: Catch totals are from Unisea & Seastate data

Exhibit 9. Comparison of UniSea Fleet Cooperative member vessels directed Bering Sea Pacific cod catches with final allocations, year 2001.

Company Name	Member Vessels	Initial Co-op Cod Allocation (mt)	Pacific Monarch Cod Allocation (mt)	UFC PacMon Adjusted Cod Allocation (mt)	UFC Transfers (mt) In (+), Out (-)	UFC Final Adjusted Cod Allocation (mt)	Directed Bering Sea Cod Catch by Vessel (mt)	Difference Over (+) Under (-)
Rondys, Inc.	Alsea	144	7	151	-135	16	0	-16
Rondys, Inc.	Argosy	159	7	166	-148	18	0	-18
Tynes Enterprises, Inc.	American Eagle	393	5	398	0	398	116	-281
Aurora/Auriga General Partnership	Auriga	3	13	16	0	16	0	-16
Aurora/Auriga General Partnership	Aurora	3	14	18	0	18	0	-18
F/V Defender Limited Partnership	Defender	11	15	25	0	25	0	-25
Ildhuso Fisheries, Inc.	GunMar	135	10	145	0	145	0	-145
Blue Boat Corporation	Nordic Star	371	4	375	0	375	269	-106
PacMon LLC	Pacific Monarch	0	0	0	0	0	0	0
FY Fisheries, Inc.	Seadawn	353	0	353	0	353	315	-38
Aleutian Spray Fisheries, Inc.	Starfish	199	6	205	0	205	89	-116
Aleutian Spray Fisheries, Inc.	Starward	0	5	5	0	5	0	-5
Aleutian Spray Fisheries, Inc.	Starlite	95	5	100	0	100	357	257
Co-op Total		1,865	91	1,956	-194	1,674	1,149	-528

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

Exhibit 10. Directed Pacific cod fishing catch and bycatch for the UniSea Fleet Cooperative member vessels, year 2001.

Company Name	Member Vessels	Directed Bering Sea Pacific cod Landed Catch (mt)	Other Groundfish Catch (mt)	Halibut Mortality Catch (mt)	Herring Catch (mt)	Red King Crab (#)	<i>bairdi</i> Tanner Crab (#)	Other Tanner Crab (#)	Chinook Salmon (#)	Other Salmon (#)
Rondy's, Inc.	Aalsea	0	0	0	0	0	0	0	0	0
Rondy's, Inc.	Argosy	0	0	0	0	0	0	0	0	0
Tynes Enterprises, Inc.	American Eagle	116	12	6	0	0	269	48	25	0
Aurora/Auriga General Partnership	Auriga	0	0	0	0	0	0	0	0	0
Aurora/Auriga General Partnership	Aurora	0	0	0	0	0	0	0	0	0
F/V Defender Limited Partnership	Defender	0	0	0	0	0	0	0	0	0
Ilduhuso Fisheries, Inc.	GunMar	0	0	0	0	0	0	0	0	0
Blue Boat Corporation	Nordic Star	269	6	8	0	0	288	130	49	0
Aleutian Spray Fisheries, Inc.	Starfish	89	2	1	0	0	34	34	14	0
Aleutian Spray Fisheries, Inc.	Starlille	357	11	7	0	0	223	286	87	0
Aleutian Spray Fisheries, Inc.	Starward	0	43	6	0	0	219	293	85	0
FY Fisheries, Inc.	SeaDawn	315	48	9	0	0	361	198	65	0
Co-op Total*		1,149	123	37	15	0	1,394	989	325	0

* Some totals are rounded to nearest metric ton or # of animals
Note: Catch and PSC totals are from Unisea & Seastate data

Exhibit 11. Transfers of UniSea Fleet Cooperative Gulf of Alaska pollock sideboard limits to other catcher vessel co-ops, year 2001.

Gulf Area/Season	Transfers To	Transfer Amount (mt)
630 A	Unalaska	39
Shelikof B	Unalaska	109
630 C	Unalaska	80
Total GOA Transfers		228

Exhibit 12. Directed crab fishing landed catch by UniSea Fleet Cooperative member vessels which were qualified to harvest Bering Sea crab, 2001.

Company Name	Member Vessel	Bristol Bay	Bering Sea
		Red King Crab Pounds	<i>opilio</i> Tanner Crab Pounds
Rondy's, Inc.	Alesa	15,960	41,864
Rondy's, Inc.	Argosy	32,560	78,647
Tynes Enterprises, Inc.	American Eagle	10,907	42,678
Aurora/Auriga General Partnership	Auriga	0	0
Aurora/Auriga General Partnership	Aurora	0	0
F/V Defender Limited Partnership	Defender	0	0
Ilduhuso Fisheries, Inc.	GunMar	28,789	0
Blue Boat Corporation	Nordic Star	28,755	0
Aleutian Spray Fisheries, Inc.	Starfish	26,459	0
Aleutian Spray Fisheries, Inc.	Starlite	15,756	0
Aleutian Spray Fisheries, Inc.	Starward	19,835	0
FY Fisheries, Inc.	SeaDawn	22,490	0
Co-op Total		201,511	163,189

Note: Catch totals from Unisea data

Exhibit 13. UniSea Fleet Cooperative vessel-by-vessel prohibited species catch, year 2001.

Company Name	Member Vessel	Hallbut Mortality (mt)	Herring Catch (mt)	Red King Crab (#)	<i>bairdi</i> Tanner (#)	Other Tanner (#)	Chinook Salmon (mt)	Other Salmon (mt)
Rondy's, Inc.	Aisea	2	5	0	0	0	168	131
Rondy's, Inc.	Argosy	0	4	0	0	1	106	510
Tynes Enterprises, Inc.	American Eagle	6	1	0	269	50	103	397
Aurora/Auriga General Partne	Auriga	5	1	0	0	0	155	223
Aurora/Auriga General Partne	Aurora	7	1	0	1	0	289	125
F/V Defender Limited Partners	Defender	2	1	0	17	4	215	387
Ilduhuso Fisheries, Inc.	GunMar	1	1	0	0	0	129	405
Blue Boat Corporation	Nordic Star	9	1	0	288	132	155	567
Aleutian Spray Fisheries, Inc.	Starfish	1	1	0	34	34	123	563
Aleutian Spray Fisheries, Inc.	Starlite	7	3	0	223	286	192	603
Aleutian Spray Fisheries, Inc.	Starward	6	1	0	219	293	197	376
FY Fisheries, Inc.	SeaDawn	9	1	0	361	198	150	569
Co-op Total*		58	21	0	1,412	998	1,982	4,856

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

Note: Catch totals from Unisea & Seastate data

ATTACHMENT 1

FIRST AMENDMENT TO MEMBERSHIP AGREEMENT

This FIRST AMENDMENT TO MEMBERSHIP AGREEMENT is entered into as of May 10, 2001 by and among the entities and vessels listed on Exhibit A hereto, and any other members admitted pursuant to this Agreement (together, the "Members") and UNISEA FLEET COOPERATIVE, a Washington nonprofit corporation (the "Cooperative").

RECITALS

A. The Members and the Cooperative are parties to that certain Membership Agreement dated as of December 14, 1999 (the "Membership Agreement"), the 2001 Addendum dated as of December 1, 2000, and the 2001 Amended Addendum dated as of December 28, 2000.

B. The Members and the Cooperative wish to delete the text of Section 12 of the Membership Agreement in its entirety and replace it with a new Section 12.

AGREEMENT

Now, therefore, the members agree as follows:

1. Deletion of Provision. The members agree to delete Section 12 in its entirety and replace it with the following:

"12. Distribution of Open Market Percentage. The Members acknowledge that under the Act up to ten percent (10%) of the Allocation may be delivered to any duly qualified BS/AI shoreside pollock processor. The Members have agreed that the Cooperative is not authorized to act as a marketing association on their behalf. Therefore, the Members and the Cooperative hereby agree that each Member shall have the right to deliver up to ten percent (10%) of such Member's Harvest Schedule percentage to any duly qualified BS/AI shoreside pollock processor(s), on such terms and conditions as the Member or its duly qualified marketing agent and such processor(s) may agree."

2. Other Provisions. Each of the undersigned hereby acknowledges and agrees that the terms and conditions of the UniSea Fleet Cooperative Membership Agreement dated as of December 14, 1999 shall remain in full force and effect among the undersigned.

3. Counterparts and Fax. This Amendment may be signed in counterparts which, when taken together, shall have the same effect as a fully executed original. Delivery of a signed copy of the Amendment by telefacsimile transmission shall have the effectiveness of delivering a signed original.

Dated as of the date first set forth above.

F/V ALSEA
by Rondys, Inc.

By M. Hall

Margaret Hall, General Mgr.

F/V ARGOSY
by Rondys, Inc.

By M. Hall

Margaret Hall, General Mgr.

F/V AMERICAN EAGLE
by Tynes Enterprises, Inc.

By Reidar Tynes

Reidar Tynes, President

F/V AURIGA
F/V AURORA
by Auriga/Aurora General Partnership

By Jeff Hendricks

Jeff Hendricks, Manager

F/V DEFENDER
by F/V Defender Limited Partnership

By Barry Ohai

Barry Ohai, Mgr.

F/V GUN-MAR
by Ildhuso Fisheries, Inc.

By Gunnar Ildhuso, Jr.

Gunnar Ildhuso, Jr., President

F/V NORDIC STAR
by Blue Boat Corporation

By Cay K. Swanson

PACIFIC MONARCH
by PacMon LLC

By Barry Ohai

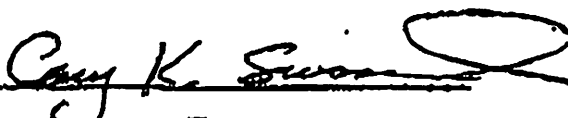
Barry Ohai, Authorized Agent

Signatures continued on next page

F/V SEADAWN
by FY Fisheries, Inc.

By 
Fred Yeck, President

F/V STARFISH
F/V STARLITE
by Aleutian Spray Fisheries, Inc.

By 
Cary Swasand, President

F/V STARWARD
by Aleutian Spray Fisheries, Inc.

By 
Cary Swasand, President

UNISEA FLEET COOPERATIVE

By 
Jeff Hendricks, President

AMENDED EXHIBIT A
UNISEA FLEET COOPERATIVE
BERING SEA POLLOCK FISHERY
HARVEST SCHEDULE

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

MEMBER	VESSEL(S)	PERCENTAGE OF "ALLOCATION"
Rondys, Inc.	ALSEA - ON 626517 ARGOSY - ON 611365	6.888% 6.761%
Tynes Enterprises, Inc.	AMERICAN EAGLE - ON 558605	4.423%
Aurora/Auriga General Partnership	AURIGA - ON 639547 AURORA - ON 636919	12.068% 13.593%
F/V Defender Limited Partnership	DEFENDER - ON 554030	14.339%
Ildhuso Fisheries, Inc.	GUN-MAR - ON 640130	9.192%
Blue Boat Corporation	NORDIC STAR - ON 584684	4.183%

Aleutian Spray Fisheries, Inc.	STARFISH - ON 561651 STARLITE - ON 597065 STARWARD - ON 617807	6.159% 5.073% 4.982%
FY Fisheries, Inc.	SEADAWN - ON 548685	5.726%
PacMon LLC	PACIFIC MONARCH - ON 557467	6.612%

**PRELIMINARY REPORT OF THE
WESTWARD FLEET COOPERATIVE
YEAR 2001**

**Presented to the
North Pacific Fishery Management Council
January 30, 2002**

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INTRODUCTION

Westward Fleet Cooperative (WFC) is pleased to submit this document and results of their 2001 Bering Sea fishery to the North Pacific Fishery Management Council (NPFMC) in compliance with annual reporting requirements of the 1998 American Fisheries Act (AFA).

Year 2001 was the second year of WFC operations under the AFA. The Westward fleet was managed and operated during 2001 following the successful model established during the 2000 fishery—basically without change. This document format and 13 exhibits herein reporting WFC co-op members, management, allocations, catches, sideboard limits, prohibited species catches and enforcement is also consistent with WFC's year 2000 reporting to the NPFMC. We believe this reporting format and detail is both in keeping with AFA reporting requirements and provides easy comparison to the prior year results.

WESTWARD FLEET MEMBER VESSELS AND CO-OP MANAGEMENT

Nine individual members representing 14 catcher vessels signed their second year's co-op membership agreement on December 1, 2000, which enabled them to operate under the laws of the AFA in a fishery cooperative delivering pollock to Westward Seafood Inc. during the 2001 fishing season.

WFC member owners and their vessels are listed below:

F. Gregory Baker, Managing Member

- F/V *Viking* 130 ft LOA
- F/V *Chelsea K* 149 ft LOA
- F/V *Westward 1* 127 ft LOA
- F/V *Alaskan Command* 185 ft LOA
- F/V *Pacific Knight* 165 ft LOA

John Dooley and Robert Dooley, Pacific Prince General Partnership

- F/V *Pacific Prince* 148 ft LOA

John Dooley and Robert Dooley

- F/V *Caitlin Ann* 104 ft LOA

Donald Johnson, Hickory Wind LLC

- F/V *Hickory Wind* 104 ft LOA

Neal Anderson, AJ LLC

- F/V *AJ* 138 ft LOA

Rick Mezich, Mezich Allegiance, Inc.

- F/V *Fierce Allegiance* 167 ft LOA

Matt Daugherty, U.S. Marine Corp.

- F/V *Ocean Hope 3* 112 ft LOA

Dan Green, Wa'atch, Inc.

- F/V *Alyeska* 125 ft LOA

Cary Swasand, Arctic Wind LLC

- F/V *Arctic Wind* 123 ft LOA

Chester Peterson, Chetna Inc.

- F/V *Pacific Challenger* 104 ft LOA

Co-op management and administration continued during 2001 basically unchanged from 2000 (Exhibit 1). Mr. Robert Dooley continued to serve as the president of Westward Fleet Cooperative and Mr. Steven Whitman continued to serve as the coordinator. Coordination of information on allocations, transfers, pollock catches, sideboard catches and prohibited species catches between the Westward plant in Dutch Harbor, the member vessels, Sea State, the Inter co-op Manager and the National Marine Fisheries Service all continued during 2001 as established the prior year.

WFC BERING SEA POLLOCK ALLOCATION TRASFERS AND CATCH

WFC's 14 member vessels received an initial AFA Bering Sea pollock allocation of 111,286 mt (Exhibit 2) that was later adjusted upward to a final allocation of 112,385.553 mt. Directed Bering Sea pollock allocations for WFC relative to directed pollock catches by individual member vessel are detailed in Exhibits 3 and 4. Directed Bering Sea pollock catches totaled 111,818.401 mt or 567.152 mt less than the final allocation, which provided for 99.5% utilization. Bycatch of other groundfish, herring, halibut, crab and salmon from the directed Bering Sea pollock fishery are detailed by member vessel in Exhibit 5.

SIDEBOARD LIMITATIONS, ALLOCATIONS AND CATCHES

Sideboard limits for the WFC co-op vessels totaled 7,656.000 mt and were managed to a catch of 1,757.937 mt or 4,883.886 mt below allocation (Exhibit 6). No species/area sideboard allocation was exceeded.

DIRECTED BERING SEA COD AND GULF POLLOCK FISHERY

WFC's directed Bering Sea Pacific cod allocations and catches are presented in Exhibit 7 by member vessel. Directed cod catches totaled 498.924 mt, which was 949.899 mt below the co-op's final cod allocation. Bycatch of other groundfish, halibut, herring, crab and salmon in the WFC directed Bering Sea cod fishery is detailed in Exhibit 8.

WFC's directed Gulf of Alaska pollock catch totaled 1,101.345 mt, which was well below their allocation. Bycatches associated with this directed fishery are in Exhibit 9 and record of WFC's single transfer of Gulf pollock to another co-op is in Exhibit 10.

DIRECTED CRAB FISHING

Two WFC member vessels, both of which were License Limitation Program qualified to harvest crab, fished the 2001 *opilio* Tanner crab fishery and the 2001 Bristol Bay red king crab fishery. Their catches totaled 351,354 pounds of *opilio* and 80,150 pounds of red king crab (Exhibit 11).

CATCHES BY GULF SIDEBOARD EXEMPT MEMBER VESSELS

Two WFC member vessels are Gulf of Alaska sideboard exempt. Both vessels operated within co-op guidelines and they did not lease any of their Bering Sea pollock or cod. Their Gulf pollock and bycatches are provided in Exhibit 12.

WFC PROHIBITED SPECIES CATCH TOTALS, 2001

Member vessel prohibited species catch totals for herring, Bristol Bay red king crab, *bairdi* Tanner crab, other Tanner crab, chinook salmon and other salmon are provided in Exhibit 13.

WFC MONITORING AND ENFORCEMENT

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

Exhibit 1. Schematic of Westward Fleet Cooperative Operations, year 2001.

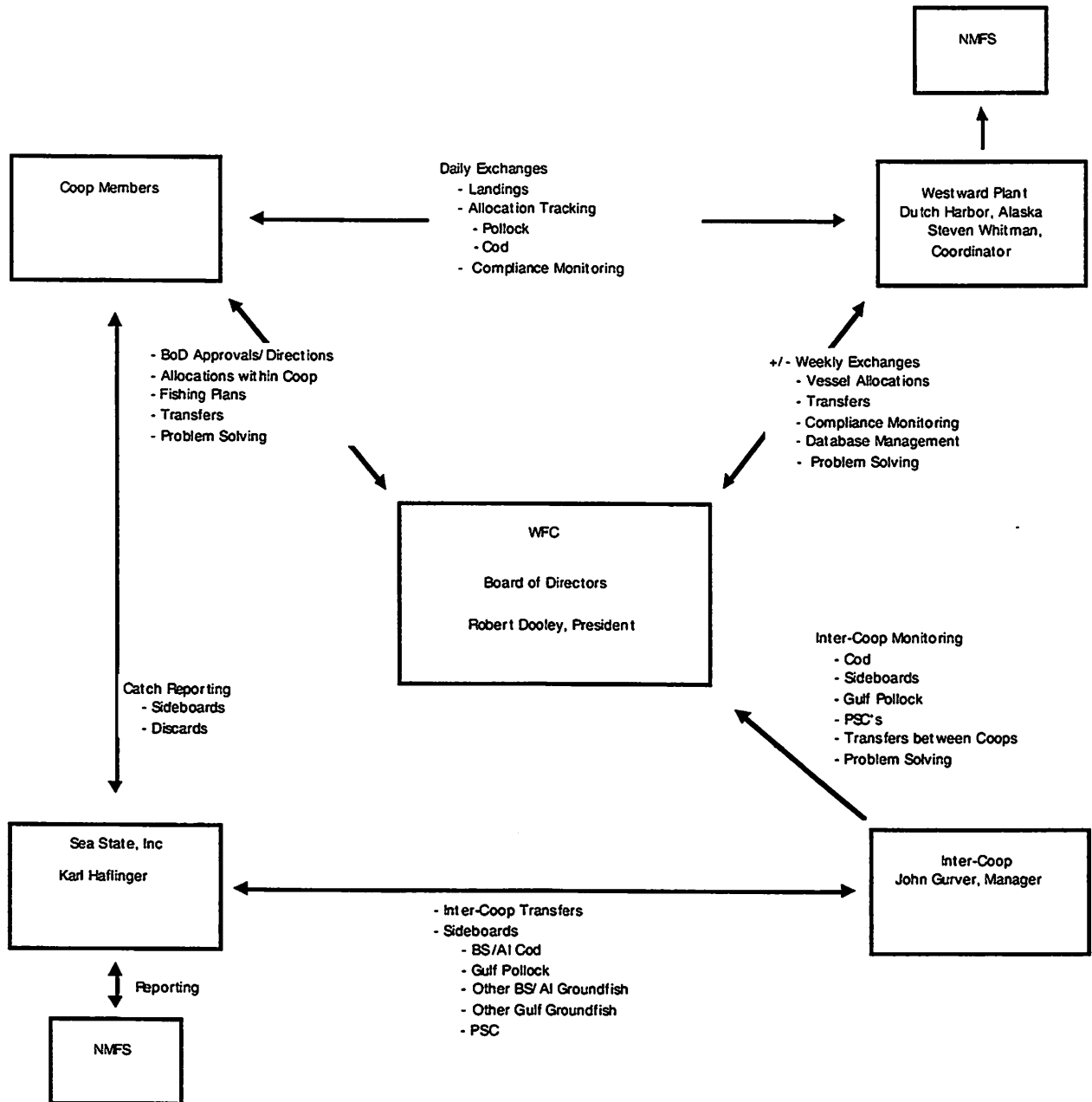


Exhibit 2. Westward Fleet Cooperative member vessel initial pollock allocations expressed as a percentage of the co-op total, as a percentage of the Bering Sea directed pollock fishery, and in metric tons for the year 2001.

Company Name	Member Vessels	% of Co-op Allocation	% of AFA Directed Pollock Fishery	Year 2001 Allocation (MT)
Alaskan Command LLC	Alaskan Command	2.008%	0.185%	2,235.031
Ocean Dynasty Limited Partnership	Chelsea K	25.150%	2.314%	27,988.111
Pacific Knight LLC	Pacific Knight	11.808%	1.086%	13,140.689
Viking Limited Partnership	Viking	8.968%	0.825%	9,980.367
Westward Limited Partnership	Westward 1	8.414%	0.774%	9,364.001
Pacific Prince General Partnership	Pacific Prince	12.866%	1.184%	14,317.935
John Dooley & Robert Dooley	Caitlin Ann	5.198%	0.478%	5,784.820
Hickory Wind LLC	Hickory Wind	1.555%	0.143%	1,730.898
AJ LLC	AJ	3.638%	0.335%	4,048.762
Mezich Allegiance, Inc.	Fierce Allegiance	5.075%	0.467%	5,647.844
U.S. Marine Corporation	Ocean Hope 3	2.637%	0.243%	2,934.829
Wa'atch, Inc.	Alyeska	6.583%	0.606%	7,326.397
Arctic Wind LLC	Arctic Wind	5.973%	0.550%	6,647.411
Chelna, Inc.	Pacific Challenger	0.125%	0.011%	138.904
Co-op Total		100.000%	9.200%	111,286.000

Exhibit 3. Westward Fleet Cooperative member vessel final Bering Sea directed pollock allocations for the year 2001.

Company Name	Member Vessels	Year 2001* Allocation (MT)	Within Co-op Net Transfer In & Out (MT)	Within Co-op Trades	Final Pollock Allocation (MT)
Alaskan Command LLC	Alaskan Command	2,271.983	18,804.790	0	21,076.773 **
Ocean Dynasty Limited Partnership	Chelsea K	28,260.747	681.590		28,942.337
Pacific Knight LLC	Pacific Knight	13,270.236	-13,270.236		0.000
Viking Limited Partnership	Viking	10,076.747	3,120.302	-6.301	13,190.748
Westward Limited Partnership	Westward 1	9,453.421	2,140.403		11,593.824
Pacific Prince General Partnership	Pacific Prince	14,454.573	-8.913	-89.013	14,356.647
John Dooley & Robert Dooley	Caitlin Ann	5,838.328	8.913	-190.064	5,657.177
Hickory Wind LLC	Hickory Wind	1,759.573		432.237	2,191.810
AJ LLC	AJ	4,079.272	-4,079.272		0.000
Mezich Allegiance, Inc.	Fierce Allegiance	5,709.320	-61.047	-128.013	5,520.260
U.S. Marine Corporation	Ocean Hope 3	2,965.984	-1.241		2,964.743
Wa'tach, Inc.	Alyeska	7,400.783	-7,400.783		0.000
Arctic Wind LLC	Arctic Wind	6,707.829	61.047	-18.846	6,750.030
Chetna, Inc.	Pacific Challenger	141.206			141.206
Co-op Total		112,390.000	-4.447	0.000	112,385.553

*Allocation includes initial allocation plus a 2nd allocation from the release of by-catch reserves from other groundfish fisheries in the C/D season.

** A total of 4.447 metric tons was subtracted from the FV Alaskan Command's C/D season allocation to cover an overage made in the 2001 A/B season.

Exhibit 4. Comparison of Westward Fleet Cooperative member vessels directed Bering Sea pollock catches with final allocations, year 2001.

Company Name	Member Vessels	Final Pollock Allocation (MT)	Directed Bering Sea Pollock Catch by Vessel (MT)	Difference Over (+) Under (-)
Alaskan Command LLC	Alaskan Command	21,076.773	21,076.773	0.000
Ocean Dynasty Limited Partnership	Chelsea K	28,942.337	28,984.696	42.359
Pacific Knight LLC	Pacific Knight	0.000	0.000	0.000
Viking Limited Partnership	Viking	13,190.748	13,197.049	6.301
Westward Limited Partnership	Westward 1	11,593.824	11,593.824	0.000
Pacific Prince General Partnership	Pacific Prince	14,356.647	14,445.660	89.013
John Dooley & Robert Dooley	Caitlin Ann	5,657.177	5,858.434	201.257
Hickory Wind LLC	Hickory Wind	2,191.810	1,451.204	-740.606
AJ LLC	AJ	0.000	0.000	0.000
Mezich Allegiance, Inc.	Fierce Allegiance	5,520.260	5,648.273	128.013
U.S. Marine Corporation	Ocean Hope 3	2,964.743	2,791.686	-173.057
Wa'atch, Inc.	Alyeska	0.000	0.000	0.000
Arctic Wind LLC	Arctic Wind	6,750.030	6,770.802	20.772
Chetna, Inc.	Pacific Challenger	141.206	0.000	-141.206
Co-op Total		112,385.553	111,818.401	-567.152

Exhibit 5. Directed pollock fishing catch and bycatch and PSC's for the Westward Fleet Cooperative member vessels, year 2001.

Company Name	Member Vessels	Directed Bering Sea Pollock Catch by Vessel (MT)	Other Groundfish (MT)	Herring (MT)	Halibut (#)	Red King Crab (#)	<i>Bairdi</i> Tanner Crab (#)	Other Tanner Crab (#)	Chinook Salmon (#)	Other Salmon (#)
Alaskan Command LLC	Alaskan Command	21,076.773	84.672	3.339	763	0	0	1	376	598
Ocean Dynasty Limited Partnership	Chelsea K	28,984.696	127.405	23.716	708	0	0	0	520	909
Pacific Knight LLC	Pacific Knight	0.000	0.000	0.000	0	0	0	0	0	0
Viking Limited Partnership	Viking	13,197.049	116.564	2.328	637	0	0	0	189	228
Westward Limited Partnership	Westward 1	11,593.824	117.236	7.26	789	0	1	2	228	154
Pacific Prince General Partnership	Pacific Prince	14,445.660	101.325	0.136	596	1	4	3	95	360
John Dooley & Robert Dooley	Caillin Ann	5,858.434	97.404	0.035	515	2	0	0	49	347
Hickory Wind LLC	Hickory Wind	1,451.204	9.69	9.765	8	0	0	0	1	98
AJ LLC	AJ	0.000	0.000	0.000	0	0	0	0	0	0
Mezich Allegiance, Inc.	Fierce Allegiance	5,648.273	42.242	0.42	116	0	0	26	191	133
U.S. Marine Corporation	Ocean Hope 3	2,791.686	17.754	8.601	92	0	0	0	43	193
Wa'atch, Inc.	Alyeska	0.000	0.000	0.000	0	0	0	0	0	0
Arctic Wind LLC	Arctic Wind	6,770.802	39.993	2.455	124	0	0	0	62	529
Chetna, Inc.	Pacific Challenger	0.000	0.000	0.000	0	0	0	0	0	0
Co-op Total		111,818.401	754.285	58.055	4,348	3	5	32	1,754	3,549

Exhibit 6. Sideboard limits and aggregate catch for the Westward Fleet Cooperative member vessels, year 2001.

Species/Area	Initial Westward Sideboard Limit (MT)	InterCoop Sideboard Transfer (MT)	Final Sideboard Limit (MT)	Co-op Catch (MT)	Difference Over "+" (MT) Under "-" (MT)
BSAI Pacific Cod	2,714.000	-88.177	2,625.823	498.923	-2,126.900
BSAI Yellowfin Sole	793.000	0.000	793.000	5.108	-787.892
BSAI Rock Sole	197.000	0.000	197.000	152.561	-44.439
Western GOA Pacific Cod	22.000	0.000	22.000	0.000	-22.000
Central GOA Pacific Cod	2.000	0.000	2.000	0.000	-2.000
Area 610 "A" season Pollock	926.000	-926.000	0.000	0.000	0.000
Area 620 "A" season Pollock	5.000	0.000	5.000	0.000	-5.000
Area 630 "A" season Pollock	0.000	0.000	0.000	0.000	0.000
Shelikof "A" season Pollock	0.000	0.000	0.000	0.000	0.000
Area 610 "B" season Pollock	463.000	0.000	463.000	0.000	-463.000
Area 620 "B" season Pollock	2.000	0.000	2.000	0.000	-2.000
Area 630 "B" season Pollock	0.000	0.000	0.000	0.000	0.000
Shelikof "B" season Pollock	0.000	0.000	0.000	0.000	0.000
Area 610 "C" season Pollock	1,322.000	0.000	1,322.000	0.000	-1,322.000
Area 620 "C" season Pollock	58.000	0.000	58.000	0.000	-58.000
Area 630 "C" season Pollock	0.000	0.000	0.000	0.000	0.000
Area 610 "D" season Pollock	1,102.000	0.000	1,102.000	1,101.345	-0.655
Area 620 "D" season Pollock	48.000	0.000	48.000	0.000	-48.000
Area 630 "D" season Pollock	0.000	0.000	0.000	0.000	0.000
WGOA shallow-water flatfish	1.000	0.000	1.000	0.000	-1.000
CGOA shallow-water flatfish	1.000	0.000	1.000	0.000	-1.000
EGOA shallow-water flatfish	0.000	0.000	0.000	0.000	0.000
CGOA deep-water flatfish	0.000	0.000	0.000	0.000	0.000
CGOA Northern Rockfish	0.000	0.000	0.000	0.000	0.000
CGOA Pacific Ocean Perch	0.000	0.000	0.000	0.000	0.000
EGOA Pacific Ocean Perch	0.000	0.000	0.000	0.000	0.000
Co-op All Species Sideboard Total	7,656.000	-1,014.177	6,641.823	1,757.937	-4,883.886
PSC limited halibut for Bering Sea Directed Pacific Cod fishery	56.000			6.240	

Exhibit 7. Comparison of Westward Fleet Cooperative member vessels directed Bering Sea Pacific cod catches with final allocations, year 2001.

Company Name	Member Vessels	Initial Co-op Cod Allocation (MT)	Westward Co-op Transfers (MT) In (+), Out (-)	InterCo-op Transfers (MT) In (+), Out (-)	Westward Final Adjusted Cod Allocation (MT)	Directed Bering Sea Cod Catch by Vessel (MT)	Difference Over (+) Under (-)
Alaskan Command LLC	Alaskan Command	0.000	0.000	0.000	0.000	0.000	0.000
Ocean Dynasty Limited Partnership	Chelsea K	40.323	0.000	0.000	40.323	0.000	-40.323
Pacific Knight LLC	Pacific Knight	86.575	0.000	0.000	86.575	0.000	-86.575
Viking Limited Partnership	Viking	189.753	0.000	0.000	189.753	42.213	-147.540
Westward Limited Partnership	Westward 1	177.893	0.000	0.000	177.893	44.046	-133.847
Pacific Prince General Partnership	Pacific Prince	208.729	0.000	0.000	208.729	0.000	-208.729
John Dooley & Robert Dooley	Caitlin Ann	225.332	0.000	0.000	225.332	190.846	-34.486
Hickory Wind LLC	Hickory Wind	64.042	0.000	0.000	64.042	0.000	-64.042
AJ LLC	AJ	188.567	0.000	0.000	188.567	0.000	-188.567
Mezich Allegiance, Inc.	Fierce Allegiance	136.385	0.000	0.000	136.385	98.979	-37.406
U.S. Marine Corporation	Ocean Hope 3	0.000	0.000	0.000	0.000	0.000	0.000
Wa'atch, Inc.	Alyeska	0.000	0.000	0.000	0.000	0.000	0.000
Arctic Wind LLC	Arctic Wind	219.402	0.000	-88.177	131.225	122.840	-8.385
Chelna, Inc.	Pacific Challenger	0.000	0.000	0.000	0.000	0.000	0.000
Co-op Total		1,537.000	0.000	-88.177	1,448.823	498.924	-949.899

Exhibit 8. Directed Pacific cod fishing catch and bycatch for the Westward Fleet Cooperative member vessels, year 2001.

Company Name	Member Vessels	Directed Bering Sea Cod Catch by Vessel (MT)	Other Groundfish* Catch (MT)	Hallbut Mortality (MT)	Herring Catch (MT)	Red King Crab (#)	Bairdi Tanner Crab (#)	Other Tanner Crab (#)	Chinook Salmon (#)	Other Salmon (#)
Alaskan Command LLC	Alaskan Command	0.000	0.000	0	0.000	0	0	0	0	0
Ocean Dynasty Limited Partnership	Chelsea K	0.000	0.000	0	0.000	0	0	0	0	0
Pacific Knight LLC	Pacific Knight	0.000	0.000	0	0.000	0	0	0	0	0
Viking Limited Partnership	Viking	42.213	24.374	1.2	0.000	0	0	0	1	0
Westward Limited Partnership	Westward 1	44.046	13.482	1.31	0.000	0	0	27	18	0
Pacific Prince General Partnership	Pacific Prince	0.000	0.000	0	0.000	0	0	0	0	0
John Dooley & Robert Dooley	Caitlin Ann	190.846	4.496	1.35	0.000	1	0	0	0	0
Hickory Wind LLC	Hickory Wind	0.000	0.000	0	0.000	0	0	0	0	0
AJ LLC	AJ	0.000	0.000	0	0.000	0	0	0	0	0
Mezich Allegiance, Inc.	Fierce Allegiance	98.979	0.111	0.04	0.000	0	0	0	0	0
U.S. Marine Corporation	Ocean Hope 3	0.000	0.000	0	0.000	0	0	0	0	0
Wa'atch, Inc.	Alyeska	0.000	0.000	0	0.000	0	0	0	0	0
Arctic Wind LLC	Arctic Wind	122.840	11.499	2.34	0.000	0	0	0	7	0
Chelna, Inc.	Pacific Challenger	0.000	0.000	0	0.000	0	0	0	0	0
Co-op Total		498.924	53.962	6.240	0.000	1	0	27	26	0

Exhibit 9. Directed Gulf of Alaska Pollock fishing catch, bycatch and PSC's for the Westward Fleet Cooperative member vessels for Area 610, year 2001.

Company Name	Member Vessels	Directed Gulf of Alaska Total Pollock Catch	Other Goundfish Catch	Herring (MT)	Hallbut (#)	Red King Crab (#)	Bairdi Tanner Crab (#)	Opilio Tanner Crab (#)	Chinook Salmon (#)	Other Salmon (#)
Chetna, Inc.	Pacific Challenger	1,101.345	0.901	0	3	0	0	0	29	26

Exhibit 10. Transfers of Westward Fleet Cooperative Gulf of Alaska pollock sideboard limits to other catcher vessel co-ops, year 2001.

Gulf Area/Season	Transfers To	Transfer Amount (MT)
610 A	High Seas Coop	923
Total GOA Transfers		923

Exhibit 11. Directed crab fishing landed catch by Westward Fleet Cooperative member vessels which were qualified to harvest Bering Sea crab.

Company Name	Member Vessel	Bristol Bay Red King Crab		Bering Sea Opilio Tanner Crab	
		*Pounds	*Numbers	Pounds	Numbers
Arctic Wind, LLC	Arctic Wind	28,775	4,290	177,861	136,816
Mezich Allegiance, Inc.	Fierce Allegiance	51,930	8,113	173,493	133,456
Co-op Total		80,705	12,403	351,354	270,272

* Total Pounds and Numbers of crab include crab that was not sold but for personal use, a total of 150 lbs (22 ea) and 405 lbs (63 ea) respectively.

Exhibit 12. Directed Gulf of Alaska Pollock catches by Westward Fleet Coperative member vessels qualified as Gulf of Alaska exempt vessels.

Company Name	Member Vessels	Directed Gulf of Alaska Pollock Catch by Vessel (MT)	Other Groundfish (MT)	Herring (MT)	Halibut (#)	Red King Crab (#)	<i>Bairdi</i> Tanner Crab (#)	Other Tanner Crab (#)	Chinook Salmon (#)	Other Salmon (#)
Hickory Wind LLC	Hickory Wind	527.253	45.429	0	12	0	0	0	73	20
U.S. Marine Corporation	Ocean Hope 3	192.230	11.119	0	2	0	0	0	9	0
Co-op Total		719.483	56.548	0	14	0	0	0	82	20

Exhibit 13. Westward Fleet Cooperative vessel-by-vessel prohibited species catch, year 2001.

Company Name	Member Vessels	Hallbut Mortality Rate In P. Cod Fishery (MT)	Hallbut PSC In Pollock Fishery (MT)	Total Herring Catch (MT)	Total Red King Crab (#)	Total Bairdi Tanner Crab (#)	Total Other Tanner (#)	Total Chinook Salmon (#)	Total Other Salmon (#)
Alaskan Command LLC	Alaskan Command	0	763	3.339	0	0	1	376	598
Ocean Dynasty Limited Partnership	Chelsea K	0	708	23.716	0	0	0	520	909
Pacific Knight LLC	Pacific Knight	0	0	0	0	0	0	0	0
Viking Limited Partnership	Viking	1.2	637	2.328	0	0	0	190	228
Westward Limited Partnership	Westward 1	1.31	789	7.26	0	1	29	246	154
Pacific Prince General Partnership	Pacific Prince	0	596	0.136	1	4	3	95	360
John Dooley & Robert Dooley	Caillin Ann	1.35	515	0.035	3	0	0	49	347
Hickory Wind LLC	Hickory Wind	0	8	9.765	0	0	0	1	98
AJ LLC	AJ	0	0	0	0	0	0	0	0
Mezich Allegiance, Inc.	Fierce Allegiance	0.04	116	0.42	0	0	26	191	133
U.S. Marine Corporation	Ocean Hope 3	0	92	8.601	0	0	0	43	193
Wa'atch, Inc.	Alyeska	0	0	0	0	0	0	0	0
Arctic Wind LLC	Arctic Wind	2.34	124	2.455	0	0	0	69	529
Chetna, Inc.	Pacific Challenger	0	0	0	0	0	0	0	0
Co-op Total		6.24	4,348	58.055	4	5	59	1,780	3,549



Fishermen's Finest, Inc.

1532 N.W. 56th St. Seattle, WA 98107
Tel: 206.283.1137 Fax: 206.281.8681

February 11, 2002

Dave Benton, Chairman
North Pacific Fishery Management Council
605 West 4th Avenue, Suite 306
Anchorage, AK 99501-2252

RE: C-6 AFA; Report to Congress

Dear Chairman Benton;

Thank you for this opportunity to comment on the Report to Congress on the Impacts of the *American Fisheries Act (AFA)*.

Fishermen's Finest operates two trawl catcher/processors, the *American No. 1* and the *U.S. Intrepid*. The vessels had landings in the pollock fishery in 1996 and 1998. Our company made major investments in the vessels specifically for the purpose of operating them in the BSAI directed pollock fishery. Nevertheless, as a consequence of the closed-door nature of the process leading to the AFA, and the resultant, unfairly restrictive, qualification criteria for C/Ps not named in the Act (2000 MT harvested, in 1997 only), our vessels were made ineligible to continue fishing pollock. This tonnage criteria is greatly in excess of normal landings in this directed pollock fishery for H&G vessels, as NMFS data shows. The qualifying time period is also much more restrictive than the qualifying time periods for other sectors' qualifying provisions of the Act. To the best of our knowledge, no Council action has ever stipulated such a limited and unrepresentative criteria for continued participation for any management program.

Unlike the owners of other C/Ps removed from the fishery, specifically those that were retired, Fishermen's Finest received no compensation for removal of its vessels. Additionally, the fishing history earned by our vessels is now fished by AFA C/Ps. This too, is unfair.

We have worked with industry and with Congress to address this inequity. Prior to enactment of the Act, while the ultimate outcome of the Act was unclear to us, we tried to convince our fellow H&G fleet to not give up access to the directed pollock fishery. With no support for that, we proposed a small set aside for a directed pollock fishery for the H&G fleet and that too, went nowhere. After the Act was passed we introduced another set aside proposal for a directed fishery, but expanded it to include all non-AFA catcher vessels and catcher/processors. It was at

this time, September of 1999, that we received congressional support for a remedy specifically for Fishermen's Finest, since industry had not been responsive to our proposals on their behalf. We have worked diligently with Congress to get legislative relief for our vessels since that time.

Recently, Congress repealed the sunset provision of the *American Fisheries Act*. The Conference Report language, which accompanied that amendment, acknowledges Fishermen's Finest by citing that there is historical participation of non-AFA catcher/processors in the directed pollock fishery. The Report, however, also points out that the removal of the sunset date makes permanent the prohibition of participation in the directed pollock fishery by non-AFA vessels. The Report language put our appeal for the reinstatement in the directed fishery on hold, by asking the Council instead to devise a program to help the H&G fleet to maximize utilization of its historic pollock catch. This is now referred to, commonly, as the "set aside".

The Conference Report also refers to an industry agreement that is the basis for the maximum utilization proposal (the set aside). Fishermen's Finest requests that the Council obtain a copy of this agreement so that the Council and others involved in the proposed set aside negotiations understand its original intent. As with the Act itself, this agreement was negotiated behind closed doors and those directly affected by it, including Fishermen's Finest, were precluded from participating. This exclusionary practice cannot be repeated with the H&G pollock set aside negotiations; we encourage the Council to mandate that these industry negotiations need to include all affected parties with proper advance notification.


Fishermen's Finest requests that the Council modify the Report to Congress to include broader discussion of the adverse impacts of the Act, and these latest and very critical developments:


- the legislative amendment repealing the sunset provision;
- the Conference Report language acknowledging that repealing the sunset provision makes permanent the prohibition of non-AFA catcher/processors to the directed pollock fishery, including those C/Ps that had previously participated in that fishery, i.e., *American No.1* and *U.S. Intrepid*.
- a description of the agreement to which the Conference Report refers
- and, amend the Report to add a section for C/Ps, not included in the Act, that had history in the pollock fishery. There is no discussion of such C/Ps having history, only a sentence in the Executive Summary pertaining to investments made in the pollock fishery by C/Ps no longer eligible.

Finally, and most importantly, through the maximum utilization concept, Congress has pointed the Council in the direction of a solution that appears not to address the problem of the removal of the sunset date making permanent the prohibition on fishing pollock by those C/Ps that had prior history. Increasing bycatch of pollock, through maximum utilization, is neither a substitute nor an acceptable solution to lost access to the directed pollock fishery. Based on the direction in the Conference Report language, we request whether the Council can framework a set aside of pollock for the H&G fleet which gives Fishermen's Finest access back to the directed fishery.

Thank you very much for your consideration and your time.

Sincerely,


Rudy A Petersen, CEO


Helena Park, President

F/V American No. 1
F/V U.S. Intrepid

(1) **American Fisheries Act** - Groundfish Forum agrees that it is benefiting from the AFA, including AFA sideboards, and will support the elimination of the AFA sunset in both Congress and before the Council, including through the attached letter to Senator Murray expressing such support.

Spurvin
C-6
2/02

(2) **Pollock** – At-sea Processors Association (APA), United Catcher Boats (UCB), Pacific Seafood Processors Association (PSPA) will work with Groundfish Forum (GF) via the Council process to enable interested H&G companies to maximize the use of their historic pollock catch (both retained and discarded), provided that the non-AFA CP sector does not exceed its average total historic pollock catch (both retained and discarded). If efforts via the Council process to accomplish this are not possible due to AFA constraints (including restraints relating to the AFA limitations in the "directed pollock fishery"), APA, UCB, and PSPA will work with GF on appropriate AFA amendments beginning next year to enable this. On either track (Council or Congress), the goal would be to accomplish this in time for the 2003 fishery.

(3) **IR/IU** – APA, UCB, and PSPA will also support efforts via the Council process to provide appropriate relief from the upcoming requirement to retain all rocksole and yellowfin sole in the groundfish fisheries of the BS/AI.

Glenn
Reed
not handed out
John Gauvin
had the 3
pls handed
out previously

October 4, 2001

The following is agreed to by the undersigned parties:

(1) American Fisheries Act - Groundfish Forum agrees that it is benefiting from the AFA, including AFA sideboards, and will support the elimination of the AFA sunset in both Congress and before the Council, including through the attached letter to Senator Murray expressing such support.

(2) Pollock – At-sea Processors Association (APA), United Catcher Boats (UCB), Pacific Seafood Processors Association (PSPA) will work with Groundfish Forum (GF) via the Council process to enable interested H&G companies to maximize the use of their historic pollock catch (both retained and discarded), provided that the non-AFA CP sector does not exceed its average total historic pollock catch (both retained and discarded). If efforts via the Council process to accomplish this are not possible due to AFA constraints (including restraints relating to the AFA limitations in the "directed pollock fishery"), APA, UCB, and PSPA will work with GF on appropriate AFA amendments beginning next year to enable this. On either track (Council or Congress), the goal would be to accomplish this in time for the 2003 fishery.

(3) IR/IU – APA, UCB, and PSPA will also support efforts via the Council process to provide appropriate relief from the upcoming requirement to retain all rocksole and yellowfin sole in the groundfish fisheries of the BS/AI.

Trevor McCabe, APA

Glenn Reed, PSPA

Brent Paine, UCB

John Gauvin, GF

T. Smith
NPLA 2/02

American Fisheries Act

The Council was scheduled to review a draft EIS and proposed rulemaking that will implement provisions of the American Fisheries Act (AFA) for 2002 through 2004. This regulatory package will put in place all provisions of the AFA, including all Council actions since 1998, which previously were implemented via emergency rulemaking. The Council was unable to review that package in October because the proposed rule is not yet published; however, they will review these documents at the December meeting in Anchorage, during the public comment period on the EIS/proposed rule, and provide comment as necessary.

The Council did review a suite of other issues under this agenda item, including previously tasked amendment packages and a draft Report to Congress on AFA implementation. With regard to the previously tasked items, the Council provided direction to staff on the timing and packaging of these amendments, summarized as follows:

IR/TU

Staff will begin analysis immediately of a potential amendment to Improved Retention and Utilization (IR/TU) regulations for BSAI flatfish and for the GOA shallowwater flatfish, for both catcher processors and catcher vessels, that would:

a. Examine a range of retention rates for those fisheries.

The suggested range:

- 100% retention
- 85% retention
- 50% retention
- No retention requirement

b. Initiate analysis of halibut bycatch reduction for the BSAI, with options for a range of 0%, 10% and 15%, and analyze the probability and range of likely halibut mortality savings from implementation of the halibut mortality avoidance program (HMAP), including deducting those savings from the appropriate halibut bycatch cap.

c. Proceed with evaluation of IR/TU for pollock and P cod.

This amendment package will be scheduled for initial review by the Council in April 2002, with final action in June 2002, so that any adjustments can be made in time for the January 2003 target implementation date for flatfish IR/TU provisions.

LLP RECENCY

Staff will develop information and a discussion paper on non-AFA catcher/processors and non-AFA catcher vessels BSAI trawl LLP recency requirements. The paper should contain a matrix showing participation based on a catch threshold of 50, 150, 250 mt/year of trawl groundfish deliveries for the years 1995-2000. As part of the discussion for LLP recency, similar information will be included for trawl catcher processors and catcher vessels in the Gulf of Alaska for the years 1995-2000. The intent is to allow the Council to examine information on participation patterns at the February 2002 Council meeting, and provide further direction to staff on specific alternatives for

analysis, as well as provide direction on the timelines for such analyses for the various sectors.

The paper will include a discussion on the potential conversion of AFA-eligible catcher/processors' and catcher vessels' non-pollock target species and non-target species sideboard caps into allocations, in order to compare and contrast opportunities to rationalize these fisheries with opportunities to rationalize other fisheries with LLP recency actions.

ADDITIONAL AFA MEASURES

A. Sideboard measures to further protect non-AFA catcher vessel Pacific cod fishermen (submitted by Russell Pritchett) with the following provisions:

1. Limiting access to the directed trawl fishery for Pacific cod in January and February to the cod-exempt AFA vessels and to open access vessels which have a history of economic dependency upon the winter Bering Sea Pacific cod fisheries, as demonstrated by average January, February deliveries of at least 500,000 lbs for 4 out of the 5 pre-AFA years of 1995-1999 and
2. Allocating 1) a range of 2.5 to 5 million lbs (with no cap) or 2) historical catch of TAC of Pacific cod to non-AFA vessels which meet the criteria set forth in #1 above.
3. Require co-ops to use such measures as limiting the number or size of AFA vessels on the cod grounds at any given time to ensure that non-AFA vessels do not get preempted and insure their historical participation.

This amendment is tentatively scheduled for initial review at the April 2002 meeting.

B. An analysis to examine the conversion of AFA eligible c/p and c/v non-pollock target species and non-target sideboard caps into allocations in order to allow the use of such target species to be maximized through possible rationalization. The analysis should consider the potential to rollover any unused cod by AFA-eligible c/ps to the other trawl sectors. The analysis should also examine cod rollovers from the trawl sector to the fixed gear sector from 1997-2000 (2001 if data available) so the Council can consider a reapportionment of BSAI cod TAC based on cod catch history during that period. There would be no change in the jig apportionment. A discussion of converting sideboard caps to allocations is also included in the LLP recency discussion paper (see discussion above) scheduled for review in February 2002. The formal amendment analysis described under item B will be scheduled for sometime in 2002.

C. A proposal to change the single geographic location (SGL) restriction for floating processors, as submitted by Icicle Seafoods. This regulatory amendment is scheduled for initial review at the February 2002 meeting and final action at the April 2002 meeting.

(AFA Continued, page 6)