

### **Item C-3(a)**

*Discussion paper on data collection for Central Gulf of Alaska trawl catch share program  
North Pacific Fishery Management Council  
February 2013*

The Council has expressed an interest in developing a data collection program that can be fast tracked for implementation prior to the catch share program. This early implementation would provide the Council and analysts with better historical information that can be used to assess the impacts of the catch share program. The most efficient means of fast tracking the program would be to draw from other programs that currently collect data, prioritizing the collection of the most reliable data for which questions can be quickly and clearly developed.

The Council will need to define the scope of this data collection proposal. Because the Council has not developed qualification criteria for the Central gulf trawl catch share program, it is assumed that the data collection program would, at minimum, apply to harvesters and processors of Central gulf, trawl caught groundfish. The program could be expanded to include participants in the West Yakutat and particularly the Western gulf areas as well, if the objective is to determine or contrast impacts on those entities. Extending the program to the Western gulf may not be a substantial burden, if the collection program is limited. It may also be prudent to extend the program to the Western gulf if the Council anticipates that harvests from that area could be included in a catch share program in the future.

In the catcher vessel sector, crew data collection could be patterned after the collection in the crab program<sup>1</sup>, which includes payments to captains, payments to crew, and crew identifiers (i.e., crew license numbers or CFEC permit numbers). Annual fuel use (both gallons and costs) could be collected from harvesters. Whether these costs can be accurately apportioned among fisheries and areas could be explored. If so, that breakdown could also be collected. Annual food and provision data could also be collected from this fleet. Although this collection is minimal, it would be similar to the collection in the crab program and might be quickly and efficiently adopted and implemented. Annual gear costs may also be appropriate to collect. Whether gear costs could be separated by area (GOA and BSAI) or fishery would require additional discussion with industry to determine the reliability of those data.

For the shore-based and floating processing sectors, data collection could also be patterned after the crab program. In that program, man-hours, payments to processing crews (excluding managers and foreman) are collected by fishery. If breaking down these payments by fishery is not feasible, an alternative could be to collect monthly data, which would be useful for examining the ability of plant operators to distribute processing throughout the year to improve stability of processing jobs. In addition, the demographic information concerning crew could be collected (i.e., crew count by residence). The Council could also collect annual payments to foreman and managers at the plant. The Council could consider the collection of custom processing information, but that practice is unlikely to be prevalent in these fisheries, so its collection may not be justifiable. This collection would be very similar to the crab data collection. Other elements could be considered (such as utilities and fuel costs) and included in the program, if plant operators believed those data could be accurately and consistently reported. Another data element that is not collected in the COAR report is production amounts and values broken down by gear type used to harvest the fish. This data element is not included in the table below due to uncertainty regarding its feasibility. Depending on how fish are separated and sorted during

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<sup>1</sup> See Attachment 2 for crab survey questions considered for the catcher vessel, shoreside processors, and floating processors.

processing, it may not be possible to collect production data by gear type for any or all processors. Individual processors will need to be contacted to determine the viability of collecting production data by gear type. If all processors cannot provide production data with this breakout, the usefulness of collecting that data from specific processors could be considered.

<b>Data type</b>	<b>Data element</b>	<b>Catcher vessels</b>
Crew and Crew Payments	Payments to crew	annual
	Payments to captain	annual
	Crew license number/CFEC permit number	aggregated across all fisheries
Costs	Gear purchases - by fishery/area	annual
	Fuel used - gallons by fishery	annual
	Fuel used - cost by fishery	annual
	Food and provisions - costs	Annual
	Observer costs - by fishery	Annual
	Labor cost other than crew captain - all activities	aggregated across all activities
<b>Data type</b>	<b>Data element</b>	<b>Shoreplants and Floating processors</b>
Processing labor	Man-hours	by fishery or month
	Total processing labor payments	by fishery or month
	Groundfish processing employees by residence	by fishery or month
Other labor	Payments to foreman, managers, and other non-processing employees at plant	annual
Custom Processing (may not be necessary)	Pounds	annual
	Fees	annual

For catcher processors, the collection could be patterned after the Amendment 80 data collection (see Attachment 2). Most of the Gulf trawl catcher processor fleet also participates in Amendment 80 and currently file the Amendment 80 EDR. Since that program collects annual data, limited additional data would need to be collected from the Amendment 80 portion of the Gulf fleet focusing on Gulf activity. For example, Table 2.4 of the EDR (in which maximum throughputs are recorded) could be modified and or simplified to include Western and Central gulf processing activity. Table 2.5 (vessel activity is recorded for Amendment 80 fisheries and other fisheries) could request an additional break out of Gulf activity in the Western gulf and Central gulf, as opposed to the current Amendment 80 and all other activity groupings. It may also be prudent to consider including vessels and processors that do not participate in the Central gulf if there is potential to expand the catch share program to those areas in the future.

The program could be extended to catcher processor vessels that only participate in the Gulf program<sup>2</sup>, if that collection could be efficiently implemented. If the program is extended to Gulf trawl catcher processor vessels and patterned after the Amendment 80 EDR, information would be collected on vessel ownership for every person that owned any part of an Amendment 80 vessel during a calendar year. Owners would be required to provide vessel documentation and registration information in addition to company, partnership, other business entity contact information. Vessel characteristics collected include home port, U.S. gross registered tonnage, net tonnage, length overall, beam, shaft horsepower, fuel capacity, year built, vessel survey value, freezing capacity, and fuel consumption. The EDR also collects information on vessel activity, including number of days the vessel was engaged in fishing, processing, steaming empty, offloading, and inactive or in shipyard. Processing capacity is collected for each type of product processed. Annual FOB Alaska revenues are collected for fishing and all other income derived from vessel operations: tendering, charters, cargo transport, etc. Annual fishing labor expenses (for harvesting crew, processing crew, and other labor aboard the vessel), food and provisions not paid by crew, gear purchases, maintenance, and a variety of other cost categories are collected. Annual labor information is collected for the average number and total number of employees for fishing, processing, and other activities on this vessel. Processing crew compensation data outlines the revenue share system used for processing workers. Information is also collected for permit revenues and expenses. The permit expenses section of the EDR would be scaled back until individual allocations are made under the Central Gulf trawl rationalization program.

In addition to the surveys described above, the Council may also wish to consider extending a modified version of the Chinook salmon portion of the Vessel Master Survey implemented under BSAI Amendment 91 to the Central Gulf trawl fisheries (see Attachment 3). The Chinook Salmon Economic Data Report Program survey collects data to assess the effectiveness of the Chinook salmon bycatch management measures in the BSAI pollock fisheries. It is completed by the vessel master and asks about different aspects of decision-making during the pollock season, including incentives, fishing location choices, and salmon bycatch reduction measures. The information is collected to generate comparisons of the annual and seasonal changes in the pollock fleet behavior that result from salmon PSC. If the goal is to implement a survey prior to the Central Gulf trawl fishery catch share program being implemented, a more focused version of the BSAI survey may be appropriate. This may require selecting specific questions already specified in the BSAI Chinook survey. Implementing a focused version of the BSAI survey in the GOA may provide information on fleet behavior regarding salmon PSC before the Central Gulf trawl fishery is modified under this proposed amendment. The survey could then be modified to more closely resemble the BSAI survey after the Central Gulf trawl fishery is operating under a catch share system.

The Council may also wish to consider adding a check box to the logbook if skippers move their fishing location because of Chinook PSC. The check box is not located on any other survey forms and is appropriate for logbooks because it is a trip level decision. The logbook "check the box if you moved to avoid salmon" regulation is located at §679.5.

In developing the data collection program, the Council could also explore the extent to which any vessels might be omitted from the data collection by operating only as a mothership in the Gulf fisheries. Currently only one Gulf mothership meets this criterion.

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<sup>2</sup> This requirement would currently only apply to one trawl catcher processor that does not file an Amendment 80 EDR.

## Attachment 1

### Crab catcher vessel survey questions considered

Data type	Data element	Alt 1. (status quo)	Alt 2.	Alt 3.	Modified Alt 3. (preferred alt.)
Fishing data	Fish ticket number	all crab fisheries	-	-	-
	Days fishing	by crab fishery	-	-	-
	Days traveling (from port to grounds) and offloading	by crab fishery			
Deliveries and revenues	Landings by share type - pounds	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Deadloss by share type - pounds	by crab fishery		-	-
	Landings by share type - revenues	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Vessel owner's IFQ used on the vessel by share type	by crab fishery	-	-	-
	Vessel owner's IFQ used on other vessels by share type				
	Leased quota by share type - pounds	by crab fishery	by crab fishery	by crab fishery- arms length monetary payments only	by crab fishery- arms length monetary payments only
	Leased quota by share type - cost				
Leased quota by share type - crew contributing shares	by crab fishery	aggregated all crab fisheries- count of crew leasing			
Crew	Number of crew by fishery	by crab fishery	-	-	-
	Payments to crew	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Payments to captain	by crab fishery	by crab fishery, check box for skipper/owners	by crab fishery	by crab fishery
	Labor payment details - charges and deductions	in all crab fisheries			
	All unique captain and crew contracts and settlement sheets		by crab fisheries	by crab fisheries	-
	Revenue shares - owner/crew/captain	by crab fishery	-	-	-
	Crew license number/CFEC permit number	aggregated across all crab fisheries	aggregated across all crab fisheries	-	aggregated across all crab fisheries

	Insurance premium - crab only	aggregated across all crab fisheries and aggregated across all fisheries	-	-	-
	Paid deductibles - crab only	aggregated across all crab fisheries	-	-	-
	Pot purchases - number	aggregated for all crab fisheries	aggregated all fisheries new pots only		
	Pot purchases - cost				
	Pot purchases - location	aggregated for all crab fisheries	-	-	-
	Line and other gear purchases - costs	aggregated for all crab fisheries			
	Line and other gear purchases - location	aggregated for all crab fisheries	-	-	-
	Bait used - species/pounds by fishery	by crab fishery	-	-	purchases by crab fishery
	Bait used - species/cost by fishery				
Crab costs	Bait used - purchase location by fishery	by crab fishery	-	-	-
	Fuel used - gallons by fishery	by crab fishery		by crab fishery (gallons only)	by crab fishery (gallons only)
	Fuel used - cost by fishery		-	-	
	Fuel used - purchase location by fishery	by crab fishery	-	-	-
	Food and provisions - costs	aggregated across all crab fisheries	-		purchases by crab fishery
	Other crew expenses	aggregated for all crab fisheries	-		
	Freight costs for landed crab	aggregated for all crab fisheries	-		
	Storage, wharfage, delivery costs for gear	aggregated for all crab fisheries	-		
	Observer costs - by fishery	by crab fishery	-	-	-
	Landing taxes and fees	aggregated across all crab fisheries	-	-	-
	Cooperative fees	aggregated across all crab fisheries	-	-	-
	Other expenses	aggregated across all crab fisheries	-	-	-
	Vessel costs	Vessel and equipment investment - cost	aggregated across all fisheries (excluding exclusively non-crab costs)	aggregated all fisheries, including R&M	
Vessel and equipment investment - location		aggregated across all fisheries	-	-	-
Repair and maintenance - costs		aggregated across all fisheries	-	-	-
Repair and maintenance - location		aggregated across all fisheries	-	-	-
Insurance premium		aggregated across all fisheries	Aggregated All Fisheries	-	-
Fuel - gallons and cost				aggregated all fisheries	aggregated all fisheries
Fuel, lubrication, fluids - annual - cost		aggregated across all fisheries	Aggregated All Fisheries	-	-
Fuel, lubrication, fluids - annual - location		aggregated across all fisheries	-	-	-
Other vessel specific costs		aggregated across all fisheries	-	-	-
All activities	Days at sea - all activities	aggregated across all activities	-	-	-
	Gross revenues - all activities	aggregated across all activities	aggregated across all activities	-	-
	Pounds - all fisheries	aggregated across all fisheries	-	-	-
	Tendering			check box	check box
	Labor cost - all activities	aggregated across all activities	aggregated across all activities	aggregated across all activities	aggregated across all activities

Crab shoreplant survey questions considered

Data type	Data element	Alt 1. (status quo)	Alt. 2	Alt. 3	Modified Alt. 3 (preferred alt.)
Production	Production - dates covered by fishery	by crab fishery			
	Production - processing days by fishery	by crab fishery	Providing first and last day and number of active days		
	Raw crab processed by fishery	by crab fishery			
	Product and processed pounds by fishery	by crab fishery			
	Production - crab size and grade	by crab fishery			
	Production - box size	by crab fishery			
	Production - finished pounds	by crab fishery			
	Production - custom processing identifier	by crab fishery			
Revenues	Sales to affiliates/non-affiliates by species - product/process	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Sales to affiliates/non-affiliates by species - crab size and grade	by crab fishery	by crab fishery		
	Sales to affiliates/non-affiliates by species - box size and finished pounds	by crab fishery	by crab fishery	by crab fishery (use box size categories)	by crab fishery (use box size categories)
	Sales to affiliates/non-affiliates by species - revenues (fob)	by crab fishery	by crab fishery	by crab fishery - FOB Alaska only	by crab fishery - FOB Alaska only
	Custom processing by species/product/process	by crab fishery	by crab fishery	by crab fishery (include pounds raw and pounds of product)	by crab fishery (include pounds raw and pounds of product)
	Custom processing revenues	by crab fishery	by crab fishery	by crab fishery	by crab fishery
Labor	Average processing positions	by crab fishery			
	Man-hours	by crab fishery	by crab fishery	aggregated across all fisheries	by crab fishery
	Total processing labor payments	by crab fishery	by crab fishery	aggregated across all fisheries	by crab fishery
	Crab processing employees by residence	by crab fishery	by crab fishery	aggregated across all fisheries	by crab fishery

Custom processing services purchased	Reporting requirement			All companies contracting custom processing must report	All companies contracting custom processing must report
	Custom processing services purchased - raw pounds	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Custom processing services purchased - product and process	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Custom processing services purchased - size and grade	by crab fishery			
	Custom processing services purchased - box size	by crab fishery			
	Custom processing services purchased - finished pounds	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Custom processing services purchased - processing fee	by crab fishery	by crab fishery	by crab fishery	by crab fishery
Crab purchases	Raw crab purchases by fishery - ifq type	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Raw crab purchases by fishery - size and grade	by crab fishery			
	Raw crab purchases by fishery - pounds	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Raw crab purchases by fishery - gross payments	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Fisheries taxes and fees - crab only	by crab fisheries			
	Processing and packing materials, equipment, and supplies - crab only	aggregated across crab fisheries			
	Food and provisions - crab only	aggregated across crab fisheries			
	Other direct crab labor costs	aggregated across crab fisheries			
Crab processing costs	Insurance deductibles - crab only	aggregated across crab fisheries			
	Repackaging costs	aggregated across crab fisheries			
	Broker fees and promotions by fishery	by crab fishery			
	Lease (IPQ) costs	by crab fishery	by crab fishery	by crab fishery - arm's length (monetary payments )	by crab fishery - arm's length (monetary payments )
	Observer costs	by crab fishery			
	Freight cost for plant supplies	aggregated across crab fisheries			
	Freight costs for products	aggregated across crab fisheries			
	Product storage	aggregated across crab fisheries			
	Water, sewer, and waste disposal	aggregated across crab fisheries			
	Other crab-specific costs	aggregated across crab fisheries			
General plant costs	Annual fuel, electricity, lubrication, hydraulic fluids	aggregated across all fisheries			
	Plant and equipment investments	aggregated across all fisheries			
	Repair and maintenance	aggregated across all fisheries			
	Foremen, managers, other employees and salaries	aggregated across all fisheries	aggregated across all fisheries	aggregated across all fisheries	aggregated across all fisheries
	Other plant specific costs	aggregated across all fisheries			
General processing information	Processing days - annual total - all fisheries	aggregated across all fisheries	aggregated across all fisheries		
	Gross FOB revenues - annual total - all fisheries	aggregated across all fisheries	aggregated across all fisheries		
	Finished processed pounds - annual total - all fisheries	aggregated across all fisheries	aggregated across all fisheries		
	Processing labor costs - annual total - all fisheries	aggregated across all fisheries	aggregated across all fisheries		

Crab floating processor survey questions considered

Data type	Data element	Alt 1. (status quo)	Alt. 2	Alt. 3	Modified Alt. 3 (preferred alt.)
Production	Production - dates covered by fishery	by crab fishery			
	Production - processing days by fishery	by crab fishery	Providing first and last day and number of active days		
	Raw crab processed by fishery	by crab fishery			
	Product and processed pounds by fishery	by crab fishery			
	Production - crab size and grade	by crab fishery			
	Production - box size	by crab fishery			
	Production - finished pounds	by crab fishery			
	Production - custom processing identifier	by crab fishery			
Revenues	Sales to affiliates/non-affiliates by species - product/process	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Sales to affiliates/non-affiliates by species - crab size and grade	by crab fishery	by crab fishery		
	Sales to affiliates/non-affiliates by species - box size and finished pounds	by crab fishery	by crab fishery	by crab fishery (use box size categories)	by crab fishery (use box size categories)
	Sales to affiliates/non-affiliates by species - revenues (fob)	by crab fishery	by crab fishery	by crab fishery FOB Alaska only	by crab fishery FOB Alaska only
	Custom processing by species/product/process	by crab fishery	by crab fishery	by crab fishery (include raw pounds and pounds of product)	by crab fishery (include raw pounds and pounds of product)
	Custom processing revenues	by crab fishery	by crab fishery	by crab fishery	by crab fishery
Labor	Average processing positions	by crab fishery			
	Man-hours	by crab fishery	aggregated across all fisheries	aggregated across all fisheries	by crab fishery
	Total processing labor payments	by crab fishery	aggregated across all fisheries	aggregated across all fisheries	by crab fishery
	Crab processing employees by residence	by crab fishery	aggregated across all fisheries	aggregated across all fisheries	by crab fishery

Custom processing services purchased	Reporting requirement			All companies contracting custom processing must report	All companies contracting custom processing must report
	Custom processing services purchased - raw pounds	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Custom processing services purchased - product and process	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Custom processing services purchased - size and grade	by crab fishery			
	Custom processing services purchased - box size	by crab fishery			
	Custom processing services purchased - finished pounds	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Custom processing services purchased - processing fee	by crab fishery	by crab fishery	by crab fishery	by crab fishery
Crab purchases	Raw crab purchases by fishery - ifq type	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Raw crab purchases by fishery - size and grade	by crab fishery			
	Raw crab purchases by fishery - pounds	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Raw crab purchases by fishery - gross payments	by crab fishery	by crab fishery	by crab fishery	by crab fishery
	Fisheries taxes and fees - crab only	by crab fisheries			
	Processing and packing materials, equipment, and supplies - crab only	aggregated across crab fisheries			
Crab processing costs	Food and provisions - crab only	aggregated across crab fisheries			
	Other direct crab labor costs	aggregated across crab fisheries			
	Insurance deductibles - crab only	aggregated across crab fisheries			
	Repackaging costs	aggregated across crab fisheries			
	Broker fees and promotions by fishery	by crab fishery			
	Lease (IPQ) costs	by crab fishery	by crab fishery	by crab fishery - arm's length (monetary payments)	by crab fishery - arm's length (monetary payments)
	Observer costs	by crab fishery			
	Freight cost for plant supplies	aggregated across crab fisheries			
	Freight costs for products	aggregated across crab fisheries			
	Product storage	aggregated across crab fisheries			
	Water, sewer, and waste disposal	aggregated across crab fisheries			
	Other crab-specific costs	aggregated across crab fisheries			
General plant costs	Annual fuel, electricity, lubrication, hydraulic fluids	aggregated across all fisheries			
	Vessel and equipment investments	aggregated across all fisheries			
	Repair and maintenance	aggregated across all fisheries			
	Foremen, managers, other employees and salaries	aggregated across all fisheries	aggregated across all fisheries	aggregated across all fisheries	aggregated across all fisheries
	Other vessel specific costs	aggregated across all fisheries			
General processing information	Processing days - annual total - all fisheries	aggregated across all fisheries	aggregated across all fisheries		
	Gross FOB revenues - annual total - all fisheries	aggregated across all fisheries	aggregated across all fisheries		
	Finished processed pounds - annual total - all fisheries	aggregated across all fisheries	aggregated across all fisheries		
	Processing labor costs - annual total - all fisheries	aggregated across all fisheries	aggregated across all fisheries		

## **Attachment 2**

Amendment 80 PDF

## **Attachment 3**

Chinook salmon hired skipper survey

<http://alaskafisheries.noaa.gov/sustainablefisheries/bycatch/salmon/chinook/edr/vms.pdf>

ANNUAL  
**AMENDMENT 80**  
**NON-AFA TRAWL GEAR**  
**CATCHER/PROCESSOR**  
ECONOMIC DATA REPORT (EDR)  
CALENDAR YEAR 2011

This form can be downloaded from  
<http://www.fakr.noaa.gov>



**PUBLIC REPORTING BURDEN STATEMENT**

Public reporting burden for this collection of information is estimated to average 20 hours per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden to Assistant Regional Administrator, Sustainable Fisheries Division, NOAA National Marine Fisheries Service, P.O. Box 21668, Juneau, AK 99802-1668.

**ADDITIONAL INFORMATION**

Before completing this form, please note the following: 1) Notwithstanding any other provision of law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number; 2) This information is mandatory and is required to manage commercial fishing efforts for groundfish under section 402(a) of the Magnuson-Stevens Act (16 U.S.C. 1801, *et seq.*) as amended by the Magnuson-Stevens Fishery Management and Conservation Reauthorization Act of 2006; 3) Responses to this information request are confidential under section 402(b) of the Magnuson-Stevens Act. They are also confidential under NOAA Administrative Order 216-100, which sets forth procedures to protect confidentiality of fishery statistics.

## ANNUAL CATCHER/PROCESSOR EDR

### Introduction

You have received this form because our records show that you are the owner of a catcher/processor that participated in the Amendment 80 fishery in the past.

This report collects economic data on the Bering Sea and Aleutian Islands Management Area (BSAI) Non-American Fisheries Act (non-AFA) Trawl Catcher/Processor Sector, including Western Alaska Community Development Quota Program (CDQ) non-Pollock groundfish fisheries. The fisheries are referred to as Amendment 80 fisheries. Pursuant to the legislation, the data and identifiers will also be used for program enforcement and determination of qualification for cooperative membership. Consequently, identifiers and data will be disclosed to NOAA Enforcement, NOAA General Counsel, the Antitrust Division of the Department of Justice, the Federal Trade Commission, and NOAA Restricted Access Management Program.

Each year, on or before 1700 hours A.l.t. on **June 1**, each person who held an Amendment 80 Quota Share (QS) permit during a calendar year must submit to the NMFS Data Collection Agent, Pacific States Marine Fisheries Commission, at the address provided on the form, an EDR for each Amendment 80 QS permit held by that person for annual data **for the previous calendar year**, or if sent by U.S. mail, postmarked by that time.

If YOUR label address is incorrect or missing, please correct the error on the label or print your permanent name and address here.

Catcher/processor Name
Company Name
Street address or P.O. Box Number
City, State, and Zip Code

**Mail or FAX EDR by June 1, 2012 to:**

Pacific States Marine Fisheries Commission  
NMFS Economic Data Reports  
205 SE Spokane, Suite 100  
Portland, OR 97202  
FAX No. 503-595-3450

For more information, or if you have questions,  
please call toll free 1-877-741-8913

**CERTIFICATION PAGE – 1 of 2**

This is a **required form**. Provide all information requested below.

<b>Amendment 80 QS Holder Information</b>	
Name of company, partnership, or other business entity	
Amendment 80 QS permits held	Name of Amendment 80 vessels owned (if none, enter N.A)
Business telephone number (999-999-9999)	Business FAX number (999-999-9999)
Business E-mail address, if available (email@domain.com)	

<b>Amendment 80 Vessel Operator Information</b>	
If a person, other than the Amendment 80 QS holder, operated an Amendment 80 vessel owned by that Amendment 80 QS holder during a calendar year provide the following information.	
Name of company, partnership, or other business entity	
Business telephone number (999-999-9999)	Business FAX number (999-999-9999)
Business E-mail address, if available (email@domain.com)	

<b>Person Completing this EDR (check one)</b>	
<input type="checkbox"/> Amendment 80 QS holder (If your name and address are the same name and address provided in the QS Holder Information block above, the information does not need to be repeated here)	
<input type="checkbox"/> Designated Representative for the Amendment 80 QS holder (complete information below)	
Name	Title
Business telephone number (999-999-9999)	Business FAX number (999-999-9999)
Business E-mail address, if available (email@domain.com)	

**CERTIFICATION PAGE – 2 of 2**

**AMENDMENT 80 QS HOLDER CERTIFICATION**

The Amendment 80 QS holder must complete this certification block to certify that all information is true, correct, and complete to the best of his/her knowledge and belief. If the application is completed by a designated representative, attach authorization.

<b>Read the following statement, and sign and date the box below:</b>	
<i>Under penalties of perjury, I declare that I have examined this EDR, and to the best of my knowledge and belief, the information presented here is true, correct, and complete.</i>	
Signature of Amendment 80 QS Holder (or Designated Representative)	Date signed
Printed Name of Amendment 80 QS Holder (or Designated Representative)	

If you owned any part of an Amendment 80 vessel during a calendar year, provide the following information for each Amendment 80 vessel you owned. This questionnaire is designed to collect information on individual vessels even if the vessel is part of a larger company. The intent is to evaluate each vessel as a stand-alone entity. All of the following questions pertain to calendar year 2011.

**Table 1 - Vessel Identification**

Amendment 80 QS Permit No.	
Amendment 80 Vessel Name	
1. USCG Documentation No.	
2. ADF&G Vessel No. (K12345 or 12345)	
3. ADF&G processor code	
4. Amendment 80 LLP No(s).	
5. Amendment 80 limited access fishery permit No.	
6. Name of Amendment 80 cooperative (if applicable)	
7. Home port	
8. U.S. gross registered tonnage	
9. Net tonnage	
10. Length overall	
11. Beam	
12. Shaft horsepower	
13. Fuel capacity (U.S. gal.)	
14. Year Built	

**Table 2.1 - Vessel Characteristics: Survey Value**

1. What was the most recent survey value, rounded to the nearest 100 dollars, of the vessel and equipment? Indicate if this is approximate replacement value.	\$US Replacement value? <input type="checkbox"/> Yes <input type="checkbox"/> No
2. What was the date of this vessel's last value survey?	____ / ____ / ____ mm    dd    yyyy
3. Did the survey value given above include the value of permits associated with the vessel at the time of the value survey?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Did the survey value given above include the value of processing equipment on the vessel at the time of the value survey?	<input type="checkbox"/> Yes <input type="checkbox"/> No

**Table 2.2 - Vessel Characteristics: Fuel Consumption**

For each of the following activities please give the vessel's annual and average fuel consumption per hour during calendar year 2011. If not applicable please write "NA".

Activity	Average Gallons of Fuel per Hour	Annual Fuel Consumption
Fishing and/or processing	gal/hr	gal
Steaming (not fishing or processing) – fully loaded with product	gal/hr	gal
Steaming (not fishing or processing) – empty (transiting)	gal/hr	gal

**Table 2.3 - Vessel Characteristics: Freezer Space**

1. How much freezer space (measured in pounds of product) did the vessel have at the beginning of calendar year 2011 (round to the nearest 100 pounds)? Include only product storage capacity. Do not include plate freezer, galley freezer, or other non-product storage capacity.	lbs.
2. What is the maximum freezing capacity of this vessel in pounds per hour? Report the maximum capacity of all plate freezers in pounds, divided by the average number of hours required to freeze product (note: this is not throughput under realistic operating conditions).	lbs/hr

**Table 2.4 - Vessel Characteristics: Processing Capacity**

Report the total number of processing lines on the vessel in the first line. For each type of product processed on the line in the BSAI Amendment 80 fisheries, record the number of processing lines of similar type (equipment and/or product mix), and the vessel's maximum average throughput in pounds (round weight) per hour, totaled over all processing lines for this product type. Assume optimal operating conditions and that quantity of raw fish and other inputs are not limiting. Use species and product codes to describe product types produced. Record all species processed in the BSAI, including non-Amendment 80 species harvested with Amendment 80 PSC allocations. Amendment 80 species are starred (\*) in the table.

Table A: Species and Product Codes  
(See also 50 CFR part 679 Table 1a—Delivery Conditions and Product Codes and Table 2a—Species Codes FMP Groundfish)

Species Codes	
Code	Species, Common Name
110	(*) cod, Pacific (gray)
121	flounder, arrowtooth
122	(*) sole, flathead
123	(*) sole, rock
124	sole, dover
125	sole, rex
126	sole, butter
127	(*) sole, yellowfin
128	sole, English
129	flounder, starry
131	sole, petrale
132	sole, sand
133	flounder, Alaska plaice
134	turbot, Greenland
135	rockfish, greenstripe
136	rockfish, northern
137	rockfish, Bocaccio
138	rockfish, copper
141	(*) perch, Pacific ocean
142	rockfish, black (BSAI)
143	rockfish, thornyhead

145	rockfish, yelloweye
146	rockfish, canary
147	rockfish, quillback
148	rockfish, tiger
149	rockfish, china
150	rockfish, rosethorn
151	rockfish, rougheye
152	rockfish, shortraker
153	rockfish, redbanded
155	rockfish, yellowtail
156	rockfish, widow
157	rockfish, silvergray
158	rockfish, redstripe
159	rockfish, darkblotched
160	sculpin, general
172	rockfish, dusky
175	rockfish, yellowmouth
176	rockfish, harlequin
177	rockfish, blackgill
178	rockfish, chilipepper
179	rockfish, pygmy
181	rockfish, shortbelly
182	rockfish, splitnose
183	rockfish, stripetail
184	rockfish, vermilion
185	rockfish, aurora
193	(*) Atka mackerel (greenling)

270	pollock, walleye
689	shark, other
690	shark, salmon
691	shark, spiny dogfish
692	Pacific sleeper shark
700	skate, other
701	skate, longnose
702	skate, big
710	sablefish (blackcod)
870	octopus, North Pacific
875	squid, majestic

Product Codes	
Code	Delivery Condition Description
1	Whole fish or shellfish
3	Bled fish
4	Gutted, head on (gutted only)
5	Gutted, head off (headed/gutted)
6	Headed and gutted with roe
7	Headed and gutted, western cut
8	Headed and gutted, eastern cut
10	Headed and gutted, tail removed

Total number of processing lines on vessel:			
Product processed		Number of processing lines	Maximum throughput per hour
Species Code	Product code		
			lbs/hr



**Table 2.5 – Vessel Activity**

Record the total number of days the vessel was engaged in each of the following activities. Count any part of a calendar day that the vessel was engaged in the activity as one day. If the vessel was engaged in more than one activity in a calendar day (e.g. traveling to fishing grounds and fishing), count a day for each activity (note: the total over all activities may exceed 365).

Days Fishing: Report the total number of days fishing in the BSAI Amendment 80 fishery and in all other fisheries.

- Amendment 80 Fishery: Count any day that the vessel reported gear deployment or a completed haul in the BSAI under Management Program Code A80 in the Daily Cumulative Production Logbook (DCPL).
- All other Fisheries: Count any day that the vessel set gear or completed a haul outside of the BSAI (e.g., GOA, or outside of the Alaskan EEZ) or under any management program *other than* Amendment 80 (e.g. CDQ, AFA, or Open Access). This includes fishing Amendment 80 sideboard allowance in the GOA.

Days Processing: Report the total number of days processing in the Amendment 80 fishery and in all other fisheries.

- Amendment 80 Fishery: Count any day that the vessel reported production under Management Program Code A80 in a Daily Production Report (DPR).
- All other Fisheries: Count any day that the vessel reported production in any management program *other than* Amendment 80 (e.g. CDQ, AFA, or Open Access).

Days Traveling or Offloading: Report the total number of days traveling or offloading. Count any day that the vessel spent a part of the day traveling to/from fishing grounds, transiting to/from remote ports, tendering, operating at sea under charter, transporting cargo, or other non-fishery activity. Offloading does not include unloading equipment or materials other than fish or processed fish product.

Days Inactive: Report the total number of days the vessel was inactive. Count any days the vessel was in port, in shipyard, or anchored at sea due to bad weather or equipment failure. Do not include routine periods of inactivity while fishing, processing, traveling, or offloading.

Activity	AM80 Fishery	All other fisheries
Days fishing	days	days
Days processing	days	days
<b>All vessel activity</b>		
Days traveling or offloading		days
Days inactive		days

**Table 3 - 2011 Revenues**

Please give the total amount of revenue received from all sources for each of the following categories during calendar year **2011** (rounded to the nearest 100 dollars).

Revenue Category	Metric Tons	Revenue
1. Total fishery product sales volume (in metric tons) and FOB Alaska revenue (including custom processing and sales of inventory produced prior to this year)		\$US
2. All other income derived from vessel operations (e.g., tendering, charters, cargo transport, etc.)		\$US
3. Income from sale of LLP licenses associated with this vessel during the calendar year.	LLP No.	Revenue
		\$US
4. Quantity and royalty revenue from QS shares leased by other vessels. Only report quantity and revenue for formal leases. Do not include quantity or value of in-kind or other informal quota transfers.	Quantity of QS (in metric tons)	Revenue
	yellowfin sole	\$US
	rock sole	\$US
	flathead sole	\$US
	Atka mackerel	\$US
	Pacific ocean perch	\$US
	Pacific cod	\$US
	Amendment 80 leased halibut PSC	\$US
	Amendment 80 leased crab PSC	\$US
	other species leased	\$US

**Table 4 - Capital Expenditures and Materials Usage**

Please give the calendar year 2011 capital expenditures associated with each of the following categories for this vessel. Only report costs for purchases of fully capitalized investments. Report costs fully expensed during the year in Table 5. Do not report cost for purchases of onshore equipment or facilities. Round all answers to the nearest 100 dollars.

Capital Expenditure Category	Total Capitalized Expenditure	
a. Fishing gear (e.g., net electronics)	\$US	
b. Expenditures on processing equipment, including freezing and cold storage	\$US	
c. Expenditures on vessel and onboard equipment (other than fishing, processing, or storage equipment)	\$US	
d. Other capital expenditures related to vessel operations	\$US	
e. Purchase of LLP license(s) for use on the vessel	LLP No.	Cost
		\$US
		\$US

**Table 5 – Expenses**

In the table below, please provide the total calendar year 2011 expenses (before income tax) associated with the following categories. Do not include expenditures that were capitalized and reported in Table 4. Round all answers to the nearest 100 dollars.

Expense Category	Total Cost
1. Fishing (deck crew) labor expenses (including bonuses and payroll taxes, but excluding benefits and insurance)	\$US
2. Processing labor expenses (including bonuses and payroll taxes but excluding benefits and insurance)	\$US
3. Labor expenses for all other employees (officers, engineers, cooks, etc) aboard the vessel (including bonuses and payroll taxes but excluding benefits and insurance)	\$US
4. Food and provisions (not paid by crew)	\$US
5. Recruitment, travel, benefits and other employee related costs (excluding food and provisions and other employee costs already provided in items 1, 2, and 3)	\$US
6. Lease expenses for this vessel and all onboard equipment	\$US
7. Fishing gear leases, repairs, and purchases fully expensed in calendar year 2011 (e.g., nets, doors, cables)	\$US
8. Repair and maintenance expenses for vessel and processing equipment (including shipyard accrual and all purchases of parts and equipment that were expensed in calendar year 2011)	\$US
9. Freight, storage, and other sales costs for non-FOB sales	\$US
10. Freight and storage costs other than for products (e.g., gear, supplies, wharfage and offload costs)	\$US
11. Product and packaging materials	\$US
12. Fuel and lubrication	Fuel   \$US
13. Observer fees and other fishery monitoring and reporting costs	\$US
14. Cooperative costs including lawyer and accountant costs, association fees, and other fees charged to you by the harvest cooperative	\$US

**Table 5 – Expenses (continued)**

Expense Category		Total Cost
15. General Administrative Cost, including professional services and management fees (do not include costs reported in items 13 or 14) associated with vessel operation		\$US
16. Insurance (vessel insurance, P&I, and other insurance associated with the operation of this vessel; do not include employee health insurance reported in line 5)		\$US
17. Fisheries landings taxes, including Shared Fisheries Business Tax and Fishery Resource Landing Tax		\$US
18. Total raw fish purchases from other vessels (all fisheries and species)	lbs	\$US
19. Quantity and royalty costs paid for QS shares leased from other vessels. Only report quantity and cost for formal leases. Do not include quantity or value of in-kind or other informal quota transfers.	Quantity of QS (in metric tons)	Total Cost
yellowfin sole		\$US
rock sole		\$US
flathead sole		\$US
Atka mackerel		\$US
Pacific ocean perch		\$US
Pacific cod		\$US
Amendment 80 leased halibut PSC		\$US
Amendment 80 leased crab PSC		\$US
other species leased		\$US

**Table 6 – Calendar Year 2011 Labor**

1. Please provide the average number and the total number of employees for fishing, processing, and other activities on this vessel during the 2011 calendar year. The sum of the number of positions should equal the total number of employees aboard the vessel (on average).		
Labor category	Average number of positions aboard	Number of employees in 2011
a. Fishing (deck crew)		
b. Processing		
c. All other employees onboard the vessel (including officers, engineers, cooks, etc)		
2. On average, how many hours per day did a typical processing line employee work during calendar year 2011?		hours
3. Did the vessel use a crew or revenue share system to pay processing or non-processing crew in calendar year 2011? (Circle one number for each)		YES
		NO
a. To pay some processing crew	1	2
b. To pay all processing crew	1	2
c. To pay some non-processing crew	1	2
d. To pay all non-processing crew	1	2

**NOTES**

ANNUAL  
**AMENDMENT 91/CHINOOK EDR  
AFA POLLOCK FISHERY  
VESSEL MASTER SURVEY  
CALENDAR YEAR 20XX**

**THIS FORM MUST BE SUBMITTED ONLINE AT**  
<http://www.alaskafisheries.noaa.gov/>



**PUBLIC REPORTING BURDEN STATEMENT**

Public reporting burden for this collection of information is estimated to average 3 hours per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden to Assistant Regional Administrator, Sustainable Fisheries Division, NOAA National Marine Fisheries Service, P.O. Box 21668, Juneau, AK 99802-1668.

**ADDITIONAL INFORMATION**

Before completing this form, please note the following: 1) Notwithstanding any other provision of law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number; 2) This information is mandatory and is required to manage commercial fishing efforts for groundfish under section 402(a) of the Magnuson-Stevens Fishery Management and Conservation Act (Magnuson-Stevens Act) (16 U.S.C. 1801, *et seq.*) as amended in 2006; 3) Responses to this information request are confidential under section 402(b) of the Magnuson-Stevens Act. They are also confidential under NOAA Administrative Order 216-100, which sets forth procedures to protect confidentiality of fishery statistics.

## **ANNUAL CHINOOK EDR: VESSEL MASTER SURVEY**

The Chinook Salmon Economic Data Report (EDR) Program provides additional data to assess the effectiveness of the Chinook salmon bycatch management measures implemented under Amendment 91 to the Fishery Management Plan for Groundfish of the Bering Sea and Aleutian Islands Management Area. The information collected is a combination of quantitative and qualitative data to conduct descriptive and quantitative analysis and comparisons of the annual and seasonal changes in the pollock fleet under Amendment 91.

An owner or leaseholder of an American Fisheries Act (AFA) permitted vessel must submit a Vessel Master Survey completed by each master of each vessel used to harvest pollock in the Bering Sea in the previous year. It is the responsibility of the vessel owner/leaseholder to obtain a completed Vessel Master Surveys and submit all completed surveys to NMFS.

The Vessel Master Survey has two parts. Part 1 is the Vessel Owner Certification Page. Part 2: Pollock Fishing and Salmon Bycatch Avoidance, is to be completed by the vessel master and asks about different aspects of decision-making during the pollock season, including incentives, fishing location choices, and salmon bycatch reduction measures.

**If you have questions regarding this survey or need additional information, contact:**

**Pacific States Marine Fisheries Commission**

NMFS Economic Data Reports  
205 SE Spokane, Suite 100  
Portland, OR 97202

FAX: 503-595-3450

EMAIL: [CTR@psmfc.org](mailto:CTR@psmfc.org)

TELEPHONE toll free 1-877-741-8913

OR

Brian Garber-Yonts  
**NMFS Alaska Fisheries Science Center**

TELEPHONE: 206-526-6301

EMAIL: [brian.garber-yonts@noaa.gov](mailto:brian.garber-yonts@noaa.gov)

**SUBMIT CERTIFICATION PAGE OR ENTIRE VESSEL MASTER SURVEY ELECTRONICALLY  
ON OR BEFORE 1700 HOURS A.L.T. ON JUNE 1 TO:**

<http://www.alaskafisheries.noaa.gov>

**ANNUAL CHINOOK EDR: VESSEL MASTER SURVEY  
PART 1: Vessel Owner Certification Page**

**AFA-permitted vessel and owner identification and name and CFEC gear operator permit number for all vessel masters operating the vessel in the AFA pollock fishery during calendar year 20xx**

Vessel Owner /Leaseholder Name	NMFS_ID
Vessel Name	AFA Permit Number
Vessel Master Name	CFEC <sup>1</sup> Gear Operator Permit Number
Vessel Master Name	CFEC Gear Operator Permit Number
Vessel Master Name	CFEC Gear Operator Permit Number
Vessel Master Name	CFEC Gear Operator Permit Number

<sup>1</sup>CFEC = State of Alaska Commercial Fisheries Entry Commission

**Submittal of Vessel Master Survey**

**Select one of the following statements (check one box below)**

<input type="checkbox"/>	You were the AFA owner or leaseholder for an AFA permitted vessel that harvested or processed AFA pollock during the calendar year 20XX. Complete and submit <b>ENTIRE VESSEL MASTER SURVEY FORM</b> (both Part 1 and Part 2)
<input type="checkbox"/>	You were the AFA owner or leaseholder for an AFA permitted vessel that <b>DID NOT HARVEST OR PROCESS</b> AFA pollock during the calendar year 20XX. Complete and submit the <b>VESSEL OWNER CERTIFICATION PAGE (Part 1) ONLY</b>

**Person Submitting this Report**

<b>Provide the name, title or NMFS ID, and contact information for the individual submitting the form.</b>	
Name	Title or NMFS ID
Business Number Telephone	Business FAX Number
Business E-mail address (if available)	

**Certification: Read the following statement, and sign and date the box below:**

<b><i>I certify under penalty of perjury that I have reviewed all the information in this report and that it is true and complete to the best of my knowledge.</i></b>	
Signature	Date signed

**ANNUAL CHINOOK EDR: VESSEL MASTER SURVEY**  
**PART 2: Pollock Fishing and Salmon Bycatch Avoidance**

Each Vessel Master on the AFA-permitted vessel must complete the Hired Master information and sign and date the certification. *Duplicate Part 2 if additional entries are needed.*

**Hired Master Certification**

Vessel Master Name	CFEC Gear Operator Permit Number
<b>I certify under penalty of perjury that I have reviewed all the information in this report and that it is true and complete to the best of my knowledge.</b>	
Signature (Vessel Master)	Date signed

Please consider the following questions carefully and provide the most complete answers you can. Where applicable, please note any differences between the A and B pollock seasons. Please attach extra sheets if more space is needed to complete your answers.

1. If the vessel participated in an Incentive Plan Agreement (IPA), did the IPA affect your fishing strategy?  

YES                       NO

**If YES**, please describe and discuss what incentives had the largest impact on your strategy.

2. Did the amount and/or cost of Chinook PSC allocation available to the vessel lead you to make changes in pollock fishing operations?  

YES                       NO

**If YES**, please describe.

3. How would you compare the Chinook salmon bycatch and pollock conditions during the A and B seasons this year relative to the last two years? Please describe any unique aspects of the season.
  
4. Did Chinook salmon bycatch conditions cause you to delay the start of your pollock fishing or otherwise alter the timing of your pollock fishing for some period during the past A and/or B season?  

YES                       NO

**If YES**, please describe the Chinook salmon bycatch condition, when it occurred, and any change in your pollock fishing as a result.

5. In the past year, did you end a trip and return to port early because of Chinook salmon bycatch conditions?

YES  NO

If YES, please indicate the number of trips that this occurred in each season (use a checkmark ✓ to indicate appropriate answer for each season).

Number of trips suspended due to bycatch	Season	
	A	B
0		
1-3		
4-10		
More than 10		

6. Please describe how any area closures or restrictions for the purpose of reducing Chinook salmon bycatch affected where and how you fished.

7. Please describe how any regulatory or other area closures or restrictions for a purpose other than reducing Chinook salmon bycatch affected where and how you fished.

8. Compared to a typical year, did weather or sea ice conditions have more, less, or about the same impact on fishing as in a typical year? Please describe especially if there were particularly uncommon conditions at any point this year. If these conditions had an impact on your ability to avoid Chinook salmon bycatch, please describe.

9. Were there exceptional factors that affected your pollock fishing this year? For example, were there unusual market or stock conditions, unusual pollock fishing conditions, or maintenance problems? Please describe.

10. Separate from an Incentive Plan Agreement, were there other incentives for you to reduce Chinook salmon bycatch?

YES  NO

If YES, please describe.

11. Did actual or potential bycatch of species other than Chinook salmon cause you to change your harvesting decisions during the pollock season?

YES  NO

If YES, please describe.