

NOTICE OF OFFICE OF MANAGEMENT AND BUDGET ACTION

Date 01/18/2013

Department of Commerce
National Oceanic and Atmospheric Administration

FOR CERTIFYING OFFICIAL: Simon Szykman
FOR CLEARANCE OFFICER: Jennifer Jessup

In accordance with the Paperwork Reduction Act, OMB has taken action on your request received 01/09/2013

ACTION REQUESTED: Generic IC

TYPE OF REVIEW REQUESTED:

ICR REFERENCE NUMBER: 200906-0648-012

AGENCY ICR TRACKING NUMBER:

TITLE: Economic Surveys for U.S. Commercial Fisheries

LIST OF INFORMATION COLLECTIONS: See next page

OMB ACTION: Approved without change

OMB CONTROL NUMBER: 0648-0369

The agency is required to display the OMB Control Number and inform respondents of its legal significance in accordance with 5 CFR 1320.5(b).

EXPIRATION DATE:

DISCONTINUE DATE:

BURDEN:	RESPONSES	HOURS	COSTS
Previous	7,000	7,000	0
New	7,000	7,000	0
Difference			
Change due to New Statute	0	0	0
Change due to Agency Discretion	0	0	0
Change due to Agency Adjustment	0	0	0
Change due to PRA Violation	0	0	0

TERMS OF CLEARANCE: Terms of the Generic ICR remain in effect.

OMB Authorizing Official: Dominic J. Mancini
Acting Deputy Administrator,
Office Of Information And Regulatory Affairs

List of ICs				
IC Title	Form No.	Form Name	CFR Citation	Hrs/\$/Resp
Northeast Fishing Vessel Annual Cost Survey (approved 3-5-09)	NA	Northeast Fishing Vessel Annual Cost Survey		2,274 / 0 / 2,274
West Coast Limited Entry Cost Earnings Survey (appr. 5-7-09)	NA	West Coast Limited Entry Cost Earnings Survey		185 / 0 / 185
Main Hawaiian Islands Bottomfish Fishery Survey	NA	Main Hawai'ian Islands Bottomfish Fishery Cost Earning Survey, Outreach Materials		369 / 0 / 492
West Coast Commercial Fishing Vessel Cost Earnings Survey	NA	West Coast Commercial Fishing Vessel Cost Earnings Survey		928 / 0 / 928
West Coast Drift Gillnet and Harpoon Fishery Annual Cost Earnings Survey	NA			74 / 0 / 49
Cost Earnings Study of Mariana Archipelago Small Boat Fleet	NA	Marianas Small Boat Intercept Survey		150 / 0 / 300
Hawaii For-Hire (Charter) Fishery Cost-Earnings Survey	NA	Hawaii Charter Fleet Cost-Earnings Survey 2011		89 / 0 / 119
West Coast Limited Entry Groundfish Fixed Gear Economic Data Collection	NA			198 / 0 / 99
Cost-Earnings Survey of Hawaii Longline Fleet Based on 2011 Operation	0648-0369	Hawaii Longline Cost-Earnings Questionnaire		103 / 0 / 103
California Commercial Passenger Fishing Vessel (CPFV) 2012 Calendar Year Cost and Earnings Survey	NA	California CPFV 2012 Calendar Year Cost and Earnings Survey		188 / 0 / 450
West Coast Open Access Groundfish, Non-tribal Salmon, Crab, and Shrimp 2013 Economic Data Collection	NA			2,250 / 0 / 750
Total Hours Actually Used for Information Collections Under Currently Approved ICR:				6,808

**PAPERWORK REDUCTION ACT
 DOC/NOAA ECONOMIC PERFORMANCE DATA SURVEYS FOR
 WEST COAST COMMERCIAL FISHERIES CLEARANCE
 OMB CONTROL NUMBER 0648-0369**

This form should only be used if you are submitting a collection of information for approval under the DOC/NOAA Information Collection Request for Economic Performance Data surveys for the West Coast Commercial Fisheries assigned OMB control number 0648-0369. Mail this form, responses to the supplemental questions, the collection instrument, and any additional documentation to: **Office of Information and Regulatory Affairs, Office of Management and Budget, Docket Library, Room 10102, 725 17th Street NW, Washington D.C. 20503.** If the collection does not satisfy the requirements of the program clearance, you should follow the regular PRA clearance procedures described in 5 CFR 1320.

Title (Please be specific)

Burden Hour Estimates

Number of respondents	Total Burden Hours
Hours per response	Cumulative Burden Hours under Program Clearance

Agency Contact (*person who can best answer questions about the content of the submission*)

Name

Phone

Certification: The collection of information requested by this submission meets the requirement of the OMB approval for OMB control number 0648-0369.

 Signature of Program Official

 Date

 Signature of NOAA Paperwork Clearance Officer

 Date

 OIRA

 Date

SUPPORTING STATEMENT
WEST COAST OPEN ACCESS GROUND FISH, NONTRIBAL SALMON,
CRAB AND SHRIMP ECONOMIC DATA COLLECTION
OMB CONTROL NO.0648-0369T

Project Title: West Coast Open Access Groundfish, Non-tribal Salmon, Crab, and Shrimp 2013 Economic Data Collection

Justification under OMB Generic Clearance:
(Economic Survey of US Commercial Fisheries, OMB Control No. 0648-0369)

This request is for a one-time survey of vessel owners participating in the West Coast open access groundfish, non-tribal salmon, crab, and shrimp fisheries. The survey content is based on previously approved categories as outlined in the generic clearance (0648-0369) supporting statement.

Commercial fisheries economic data collection projects implemented by the Northwest Fisheries Science Center (NWFS) have contributed to legally mandated analyses required under the Magnuson-Stevens Fishery Conservation and Management Act (MFCMS), the National Environmental Policy Act (NEPA), the Regulatory Flexibility Act (RFA), and Executive Order 12866 (E.O. 12866). Economic data collection has also supported analysis of the size and distribution of economic benefits used in fisheries management, such as economic analysis of the groundfish trawl catch shares program presented in the trawl rationalization Environmental Impact Statement (EIS).

Surveys implemented since 2005 have covered West Coast harvesters, processors, and coastal communities. These surveys have focused on the federally managed groundfish and salmon fisheries as well as the closely related state managed crab and shrimp fisheries. This document describes a data collection covering those harvesting vessels that participate in the open access groundfish, non-tribal salmon, crab, and shrimp fisheries. Data on revenues derived from vessel operations, costs incurred through vessel operations, vessel operating characteristics, and crew compensation will be collected for the 2011 and 2012 vessel fiscal years. This survey updates previously collected data for the 2008 and 2009 vessel fiscal years.

This survey collects data which can be used to calculate economic performance measures, perform economic analysis, and estimate the size and distribution of economic benefits derived from fishery resources.

Responses to Supplemental Questions for PRA Clearance OMB Review of Individual Instruments

1. The potential respondent universe and any sampling or other respondent selection method to be used and the expected response rate.

Potential Respondent Universe

The population of interest for this survey is all non-tribal commercial fishing vessels with (1) at least \$1,000 of West Coast landings during 2012, (2) no limited entry groundfish permit during 2012, and (3) at least 33% of West Coast landings revenue during 2012 from groundfish, salmon, crab, or shrimp (hereafter this survey is referred to as the “open access survey” for simplicity even though it includes vessels participating in three other fisheries). Because landings data for the complete 2012 calendar year is not yet available, the vessel counts presented in this document are based on landings during 2011. There were 1,680 vessels in the survey population during 2011.

Sampling and Other Respondent Selection Methods

This survey sample will include all 1,680 members of the survey population. Each of the 1,680 members of the survey population will be a member of either the telephone sample or the non-telephone sample, based on availability of a telephone number. Because telephone numbers are not available for members of the survey population through vessel registration records or permit records, telephone numbers will be obtained through a public records search. The public records search for vessel owner telephone numbers will be based on vessel owner name and address information obtained from Coast Guard and state vessel registration records. Based on previous experience, the NWFSC expects to obtain telephone numbers for 60% of the vessels in the survey population. As a result, the telephone sample is expected to include approximately 1,008 vessel owners and the non-telephone sample is expected to include approximately 672 vessel owners.

Tests for statistically significant differences in vessel physical characteristics (such as length and engine horsepower) and West Coast landings (by species, weight of landings, revenue from landings, and port of landings) will compare vessels in the telephone and non-telephone samples. Data on vessel physical characteristics is available for vessels in the survey population from vessel registration data, and data on West Coast landings is available for all vessels in the survey population from PacFIN (the Pacific Fisheries Information Network). As a result, it is possible to compare vessels in the telephone sample and non-telephone sample with regard to seasonal patterns, species landed, and location of landings. Comparison of vessels in the telephone sample and non-telephone sample of the previous open access survey using vessel Fiscal year 2008 and vessel Fiscal year 2009 data did not find any statistically significant differences between the two samples.

Expected Response Rate

The expected response rate differs for vessel owners in the telephone sample and vessel owners in the non-telephone sample, as having a telephone number for the vessel owner makes it

possible to recruit survey participation over the telephone. The previous open access survey conducted by the NWFSC and the Pacific States Marine Fisheries Commission (PSMFC) obtained a 59% response rate for vessel owners in the telephone sample and a 23% response rate for vessel owners in the non-telephone sample. Because the survey described in this document has a similar survey population and similar survey fielding protocols, the response rates obtained during the previous survey are the most reliable predictor of response rates for this survey. These response rates imply 595 responses from vessel owners in the telephone sample and 155 responses from vessel owners in the non-telephone sample, for a total of 750 survey responses

2. Data collection procedures, including the statistical methodology for stratification and sample selection, the estimation procedure, the degree of accuracy needed for the intended purpose, expected dates of survey implementation, and any unusual problems requiring specialized sampling procedures.

Stratification and Sample Selection

The population of interest for this survey is all non-tribal commercial fishing vessels with (1) at least \$1,000 of West Coast landings during 2012, (2) no limited entry groundfish permit, and (3) at least 33% of West Coast landings revenue from groundfish, salmon, crab, or shrimp landings. Active fishing vessels are defined as having at least \$1,000 of West Coast (Washington, Oregon, and California) landings during 2012. Each of the 1,680 vessels in the survey population is allocated to either the telephone sample or the non-telephone sample, depending on whether or not a telephone number is available for the vessel owner. All 1,680 vessels in the population will receive the survey.

Desired Accuracy Needed for the Intended Purpose

Important objectives of survey design include data accuracy and data precision. Data precision is discussed in the next sub-section. Measuring and minimizing non-response bias (an important aspect of assuring accurate data) is addressed under Question 3. The degree of accuracy needed is not established by economic theory or legislative mandates. Data collected through this survey will be used for both statistical inference of population values from sample respondents and for estimation of econometric models used for fisheries management. While more accurate data is clearly preferred, standards do not exist regarding the accuracy of data required for estimation of an econometric model. Factors such as the minimization of model specification error also affect the quality of the empirical results obtained using survey data. It is not possible to state a level of accuracy that is required for all uses and applications of data collected by this survey. As discussed in the response to Question 3, data on vessel characteristics and landings (location, timing, species, weight, and revenue) is available for both survey respondents and non-respondents, and will be used to test the representativeness of survey respondents. This data will also be used to adjust the models and/or data for any response bias that is detected.

Desired Precision and Response Rate

The desired degree of precision, and corresponding desired response rate, depends upon the application for which the data is being used. Some applications may use data from all survey respondents, while others applications will only use data from vessels that operate in specific

fisheries or geographic locations. A basic application of the survey data will be the inference of population mean values from the respondent's mean values. While the NWFSC do not have any information about the cost variables which will be collected in the survey, the NWFSC does already know revenue from West Coast landings for all members of the survey population. Using this revenue data, we can calculate the number of vessels from which revenue data would be needed in order to infer revenue for the entire population of vessels, based on the mean value and variation in revenue across vessels. The following table shows the number of responses (and corresponding response rate) needed to get a response sample mean for per vessel landings revenue within 10%, 15%, and 25% of the population mean of per vessel annual landings revenue at the 95% confidence level. In this calculation, revenues associated with West Coast landings (which are known for all vessels) are used as a proxy for revenues from other sources and for expenditures (which are not known and are the focus of this survey).

N Population	N 10%	N 15%	N 25%	Response Rate 10%	Response Rate 15%	Response Rate 25%
1680	826	505	225	49%	30%	13%

As shown in the accompanying table, having a sample mean within 15% of the population mean at the 95% confidence level requires 505 responses (a response rate of 30%). Since 750 responses are expected, this survey is expected to provide estimates within 15% of survey population means at the 95% confidence level. At least two reasons can be identified for desiring higher response rates than those needed to support inference of population means from sample means:

- 1) Data from this survey will be used to develop a variety of economic models covering applications such as fleet efficiency and fishery participation. In these applications, error will arise not only from the representativeness of data used for model development, but also from model specification and estimation. Since it is not possible to completely avoid specification and estimation error in model development, there is good reason to desire a higher response rate and higher degree of accuracy in the data collection process.
- 2) Future applications of the data may require further disaggregating the population into smaller groups according to factors such as state of operation or species targeted. Identification of all such future disaggregated data needs is not possible at the present time. A higher response rate and higher degree of accuracy in the current data collection process will facilitate such future population disaggregation.

Survey Fielding

The PSMFC and its subcontractors will field the survey. For the 1,008 members of the telephone sample, the PSMFC will send an initial mailing with a cover letter, a copy of the questionnaire, and an explanation of how data collected by the survey will be used by economists. This will provide survey recipients with an opportunity to (i) see first-hand the data being collected by the survey prior to in-person interviews and (ii) collect the requested data prior to the in-person interview. About one week after the initial mailing, attempts to contact all non-respondents via telephone will begin. These calls will be made by an expert recruiter with the objective of

getting the survey recipient to agree to participate in the survey, and determining the response method (in-person interview, telephone interview, on-line response, or mail response). For those choosing an in-person interview, an interview time and location will be scheduled. For those choosing a telephone interview, an interview time will be scheduled.

The 672 members of the non-telephone sample will receive an initial mailing that includes a letter describing the survey and its purpose. The initial mailing will also include a copy of the questionnaire and a self addressed stamped envelope for returning the questionnaire. The letter will also contain instructions for completing the survey using an on-line questionnaire. Each letter will provide the vessel owner with a unique personal identification number (PIN) which must be entered into the on-line survey. About two weeks after the mailing, PSMFC will send a reminder letter to all non-respondents. A second reminder letter will be sent about four weeks after the initial mailing to non-respondents. A copy of the questionnaire will be included in each reminder letter.

Expected Dates of Survey Implementation

Seasonal patterns of activity vary by vessel, depending upon the species targeted most frequently and geographic location. Vessels targeting groundfish are most active during the summer months while crabbers are most active between December and February. The period between March 1 and May 31 avoids peak season for most members of the survey population. The target period for survey fielding is March, April, and May 2013.

3. The methods used to maximize response rates and address non-response. The accuracy and reliability of the information collected must be shown to be adequate for the intended uses.

Methods Used To Maximize Response Rates

A number of methods were used to maximize survey response during the previous open access survey, and will also be used during this survey:

- 1) Respondents are asked to provide information not available from other sources.
- 2) All members of the survey population for whom a telephone number is available will have the opportunity to respond through an in-person interview. In-person interviews typically have higher response rates than mail surveys, telephone surveys, or on-line surveys.
- 3) All members of the survey population for whom a telephone number is not available will have the option of responding on-line as well as by returning a written questionnaire in a self-addressed stamped envelope.
- 4) There will be extensive follow-up telephone calls and mailings after the initial letter/questionnaire mailing in order to schedule in-person interviews and obtain responses from vessel owners in the telephone sample. These follow-up telephone calls to non-respondents in the telephone sample will be distributed among weekend/weekday and day/evening time periods to maximize the likelihood of reaching the contact person. About one week after the questionnaire is mailed to all members of the telephone sample,

attempts to schedule in-person interview dates by telephone will begin. Up to twelve attempts to schedule an interview will be made for each member of the in-person survey.

- 5) Up to three attempts (including the initial mailing) will be made to obtain responses from each member of the non-telephone sample. .

Addressing Non-Response

Testing for non-response bias will be based on the considerable amount of data that is available for all members of the survey population. Variables that will be used for non-response bias testing fall into the categories of vessel physical characteristics and vessel landings.

Vessel physical characteristics provide an indication if whether the data collected through the survey on fixed cost items such as repair, maintenance, and improvements is likely to differ for survey respondents and survey non-respondents. Other vessel characteristics such as engine horsepower indicate whether variable costs such as fuel consumption vary between survey respondents and non-respondents.

Tests for non-response bias will be based not only on vessel physical characteristics, but also on vessel landings. PacFIN (Pacific Fisheries Information Network) provides vessel level information on West Coast (Washington, Oregon, and California) landings by date, species, and port for all vessels in the survey population. As a result, it is possible to compare respondents and non-respondents with regard to seasonal patterns, species landed, and location of landings.

Data on vessel landings makes possible a comparison between respondents and non-respondents of species targeted, location of landings, and gear type. Available landings data will allow testing for differences between respondents and non-respondents for total dollar value and weight of landings, dollar value and weight of groundfish landings, dollar value and weight of whiting landings, dollar value and weight of crab landings, dollar value and weight of shrimp landings, and dollar value and weight of salmon landings.

If non-response bias is detected, procedures will be used to reweight the data or the estimated model to correct for any known bias.

Adequacy of Accuracy and Reliability of Information for Intended Uses

National Marine Fisheries Service (NMFS) needs to measure the economic performance of West Coast commercial fisheries in order to meet legal and regulatory requirements, support fisheries management decision making, and undertake economic research. Currently available cost earnings data for 2011 and 2012 from non-survey sources is very limited and does not meet these needs. The NWFSC's Cost Earnings Program will collect the additional data that is needed to construct key economic performance measures such as profitability, productivity, and economic impacts. The data gathered and performance measures constructed will be used to address a wide range of issues. While the data will be used to comply with legal and regulatory requirements, these requirements do not specify a level of data accuracy.

4. How the survey instrument was developed, including the steps taken to validate the questionnaire design.

The survey instrument is an updated version of the survey instrument used for the previous open access survey. Since the survey development process for the prior surveys has already been documented in prior OMB submissions, it is provided in a footnote in this document.¹

The process of reviewing and updating the previous questionnaire began with distribution of the previous questionnaire to a group of economists and survey researchers employed by the National Oceanic and Atmospheric Administration's (NOAA's) NWFSC, NOAA's Northwest Regional Office (NWR), NOAA's Southwest Fisheries Science Center (SWFSC), and the Pacific States Marine Fisheries Commission (PSMFC). Because data from the open access survey will be used with data from the mandatory EDC (Economic Data Collection) survey of catcher vessels in the limited entry groundfish trawl fishery and the voluntary limited entry groundfish fixed gear survey, the questionnaires used in for these surveys were also examined to insure that data gathered by this open access survey could be combined with data from previous surveys.² Key changes to the questionnaire since the previous open access survey include (i) revising the cost categories to match those used on the mandatory groundfish trawl economic data collection (EDC) catcher vessel questionnaire, (ii) including tendering as a possible source of revenue (in response to comments received during the previous open access survey), and (iii) adding a question about days at sea in various fisheries (this information will be used to allocate joint costs to individual fisheries).

5. The reporting and use of the results of the survey.

Use of Survey Results

¹ Survey development for the previous open access groundfish and salmon troller survey began with the formulation of the Cost Earnings Program Plan. This plan outlines the reasons for collecting cost earnings data, identifies the population(s) of interest among west coast vessel owners, and prioritizes data needs. Based on this long-term plan, objectives for this survey and survey content were developed through a series of meetings by representatives of the NWFSC, Northwest Regional Office (NWR), Southwest Fisheries Science Center (SWFSC), and Pacific States Marine Fisheries Commission (PSMFC). These meetings identified key objectives as collecting data which could be used to measure fisheries profitability, economic impacts, efficiency, and economic benefits of regulatory measures. The academic literature, both within and outside of fisheries, was reviewed in order to determine the data requirements of models which would likely be used to measure fisheries profitability, economic impacts, efficiency, and economic benefits of regulatory measures.

This process allowed prioritization of data needs and choice of survey content. After survey content was determined, a draft questionnaire was prepared. This draft questionnaire was discussed with members of the limited entry trawl fleet by PSMFC personnel. In addition, NOAA personnel provided a presentation on survey content and timing to the Pacific Fisheries Management Council Groundfish Advisory Panel (a group of fishing industry members including harvesters and processors) and the Council's Scientific and Statistical Committee (a group responsible for reviewing the methodology used in scientific and statistical studies). Comments received through these discussions and presentations improved questionnaire content and format.

² Vessels operating in fisheries such as crab and shrimp are in the survey population for not only the open access survey but also the mandatory limited entry groundfish trawl EDC and the voluntary limited entry groundfish fixed gear cost earnings survey. Economic analysis of vessels participating in these fisheries requires combining data from multiple surveys.

NMFS needs to measure the economic performance of West Coast commercial fisheries in order to meet legal and regulatory requirements, support fisheries management decision making, and undertake economic research. The NWFSC's Cost Earnings Program is an on-going program that collects data, which when combined with other existing sources of data, provides data that is needed to construct key economic performance measures such as profitability, capacity utilization, efficiency, productivity, and regional economic impacts. Analysis of data collected by previous surveys conducted by the NWFSC and PSFMC has played a key role in evaluating the likely impact (in terms of vessel consolidation and cost reduction) of implementing a catch share management regime in the limited entry trawl fishery, the economic impact of the 2006 reductions in salmon harvest on the economic welfare of fishery participants, and the development of an IMPLAN based regional economic model for evaluation the effect of fishery management measures on economic conditions in coastal communities.

Reporting of Survey Results

A descriptive summary of results from the survey will be prepared and posted on the NWFSC web site. This summary will include descriptive statistics (such as mean and standard deviation) of the various cost and earnings categories being collected. This descriptive summary will also be distributed to survey respondents via paper mail.

Survey results will be reported over time through a series of studies prepared for fisheries management. It is anticipated that results will also be reported through academic publications, presentations at conferences, and technical guides. All reporting of survey results will conform to data confidentiality requirements.

Information Quality Guidelines and Confidentiality

It is anticipated that the information collected will be disseminated to the public or used to support publicly disseminated information. NMFS will retain control over the information and safeguard it from improper access, modification, and destruction, consistent with NOAA standards for confidentiality, privacy, and electronic information. In particular, the data collected will be kept confidential as required by section 402(b) of the Magnuson-Stevens and NOAA Administrative Order 216-100, Confidentiality of Fisheries Statistics, and will not be released for public use except in aggregate statistical form without identification as to its source.

The information collection is designed to yield data that meet all applicable information quality guidelines. Prior to dissemination, the information will be subjected to quality control measures and a pre-dissemination review pursuant to Section 515 of Public Law 106-554.

6. Contact information for agency coordinator and principle investigator.

Agency Coordinator:

Carl Lian
Northwest Fisheries Science Center
2725 Montlake Boulevard East
Seattle, WA 98112
206-302-2414 (voice)

206-860-6792 (fax)
carl.lian@noaa.gov (email)

Principal Investigator:

Dave Colpo
Pacific States Marine Fisheries Commission
205 SE Spokane Street
Portland, OR 97202
503-595-3100 (voice)
503-595-3232 (fax)
dave_colpo@psmfc.org (email)

7. Estimated burden and number of respondents.

Reviewing the survey, collecting requested data, and completing the survey is expected to take three hours per respondent. A total of 750 responses are expected from the telephone sample and the non-telephone sample. As a result, the survey is expected to impose a total of 2,250 burden hours on the west coast limited entry trawl fleet.

Note: this response time has increased in estimate from one hour. Recently, NMFS contacted seven respondents to the limited entry survey to determine their average interview preparation time. Their reported preparation times ranged from 30 to 150 minutes and averaged 105 minutes per interview. Given that the types of questions and the average interview times were similar for the (limited entry and open access), NMFS believes that the average preparation time was about the same for both surveys. Therefore, the estimated average total burdens per respondent are 187 minutes and 182 minutes, respectively, for the limited entry survey and the open access survey (105 minutes added to the previous 60 minutes estimated which took only the interview into account).



National Marine Fisheries Service
2725 Montlake Blvd E.
Seattle, WA 98112

Pacific States Marine Fisheries Commission
205 SE Spokane St, Suite 100
Portland, OR 97202



March 1, 2013

Dear Mr. Charles Smith

We would like to invite you to participate in a cost earnings survey of commercial fishing vessel owners being conducted by the Pacific States Marine Fisheries Commission in cooperation with the Northwest Fisheries Science Center. This survey targets vessel owners who (1) participate in the West Coast groundfish, salmon, crab, and shrimp fisheries during 2012 and (2) did not hold a limited entry groundfish permit. This survey was designed through industry collaboration and updates an earlier survey conducted during 2011. Our goal is to support fisheries management decision-making and to generate information that is required to help meet legal and regulatory requirements.

Based on the availability of a telephone number, you have been selected for an in-person interview. You will be receiving a phone call about one to two weeks after the date on this letter to schedule your interview. The enclosed questionnaire is provided at this time so that you know what information to have available during the interview. You do not need to return the questionnaire prior to the interview. We will contact you by telephone to schedule a time and place to meet for the interview at your convenience. The telephone call will also provide information about responding to the survey on-line if you would prefer responding on-line rather than an in-person interview.

We appreciate the confidential nature of the data being collected by this survey. When publishing survey results, we will combine your responses with information provided by other participants, and report it in summary form so that responses for any individual vessel cannot be identified. If a Freedom of Information Act (FOIA) request is received for the data collected by this survey, we will seek to protect the confidentiality of the survey responses under Exemption 4 of the FOIA.

Because you and other vessel owners are the only ones that can provide this information, we encourage you to participate in this survey. By collecting information on individual vessels, we can better understand average fleet characteristics as well as diversity within the fleet. Fisheries managers will be better able to consider the effect of regulations.

Thank you for your consideration.

Sincerely,

Carl Lian
National Marine Fisheries Service
carl.lian@noaa.gov
(206)-302-2414

Dave Colpo
Pacific States Marine Fisheries Commission
dave.colpo@psmfc.org
503-595-3100



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March 1, 2013

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Because we do not have a telephone number at which you can be contacted, you have been selected for a mail/on-line questionnaire. You can respond either by completing the enclosed questionnaire and returning it in the enclosed stamped self-addressed envelope, or completing the questionnaire on-line. In order to take the survey on-line, you can go to www.nmfsoa2013.com and enter the PIN number which appears on the top of the questionnaire (each survey recipient receives a questionnaire with a unique PIN number).

We appreciate the confidential nature of the data being collected by this survey. When publishing survey results, we will combine your responses with information provided by other participants, and report it in summary form so that responses for any individual vessel cannot be identified. If a Freedom of Information Act (FOIA) request is received for the data collected by this survey, we will seek to protect the confidentiality of the survey responses under Exemption 4 of the FOIA.

Because you and other vessel owners are the only ones that can provide this information, we encourage you to participate in this survey. By collecting information on individual vessels, we can better understand average fleet characteristics as well as diversity within the fleet. Fisheries managers will be better able to consider the effect of regulations.

Thank you for your consideration.

Sincerely,

Carl Lian
National Marine Fisheries Service
carl.lian@noaa.gov
(206)-302-2414

Dave Colpo
Pacific States Marine Fisheries Commission
dave.colpo@psmfc.org
503-595-3100

Pin ID #:

OMB Control No. 0648-0369
Expires 02/28/13



WEST COAST COMMERCIAL CATCHER VESSEL COST EARNINGS SURVEY



Conducted by:
NOAA Fisheries – Northwest Fisheries Science Center
Pacific States Marine Fisheries Commission

This survey is being sent to all non-tribal commercial fishing vessel owners who (1) landed at least \$1,000 of fish on the West Coast (Washington, Oregon, and California) during 2012, (2) earned at least 33% of their landings revenue in the groundfish, salmon, crab, or shrimp fisheries, and (3) did not operate with a limited entry groundfish permit during 2012. Please see the accompanying letter for instructions about completing this survey..

CONTACT INFORMATION FOR SURVEY RESPONDENT

- 1. Name: _____
- 2. Email: _____
- 3. Telephone: (____) _____
- 4. Mailing Address (Street, City, State, and Zip Code):

- 5. Date of Survey Response (Month/Day/Year): _____

VESSEL OWNERSHIP AND CHARACTERISTICS

6. Please verify the following information on record about your vessel. If the information on record is correct, please place a check mark in the Corrections column. If the information on record is incorrect or there is no information on record, please provide the correct information in the Corrections column.

Item	Information on Record	Corrections
a. Vessel Name	<i>Sea Breeze</i>	_____
b. Vessel ID (USCG or State)	<i>CA123456</i>	_____
c. Home Port (city and state)	<i>San Luis Obispo, CA</i>	_____
d. Length Overall (feet)	<i>41</i>	_____
e. Fuel Capacity (gallons)	<i>300</i>	_____
f. Total Horsepower of Main Engines	<i>225</i>	_____

7. Has a marine survey been performed for this vessel?

- a. Yes (proceed to question 8)
- b. No (proceed to question 9)

8. Answer the following questions referring to the most recent marine survey value of the vessel.

a. What was the year of this vessel's last value survey?	_____ yyyy
b. What was the <i>market value</i> of the vessel from the survey, rounded to the nearest 100 dollars?	\$_____
c. What was the <i>replacement value</i> of the vessel from this survey, rounded to the nearest 100 dollars?	\$_____
d. Do the survey values given above include the value of permits associated with the vessel at the time of the survey?	Yes <input type="radio"/> No <input type="radio"/>
e. Do the survey values given above include the value of all fishing gear on the vessel at the time of the survey?	Yes <input type="radio"/> No <input type="radio"/>

9. Provide this vessel's average fuel use (for propulsion or other uses) per day, speed, and crew size (not including captain) when engaged in each of the following activities on the West Coast (Washington, Oregon, and California). s

- Fuel use per day should be an average that includes steaming to the fishing grounds, harvesting fish, and steaming back to port and should include all fuels used for propulsion or other uses.
- Put an "NA" for all activities in which you did not operate this vessel.

Activity	Fuel Use	Speed While Fishing	Crew Size (not including captain)
a. West Coast groundfish fixed gear	_____gal/day		_____
b. West Coast crab	_____gal/day		_____
c. West Coast salmon	_____gal/day	_____knots	_____
d. West Coast shrimp	_____gal/day	_____knots	_____
e. West Coast tuna	_____gal/day	_____knots	_____
f. West Coast halibut (Pacific or California)	_____gal/day		_____
g. Alaska fisheries (not including tendering)	_____gal/day	_____knots	_____
h. Tendering	_____gal/day	_____knots	_____
i. Steaming between the West Coast and Alaska	_____gal/day	_____knots	_____

10. Provide the number of days this vessel was at sea during 2012 in each of the following activities. Please note that there is a special category for days at sea traveling between the West Coast and Alaska. *(This information will be used to allocate some expenditures among the fisheries in which this vessel participates.)*

- Count partial days as full days.
- Count days tendering as well as days fishing

Fishery	Days at Sea During 2012
a. West Coast groundfish fixed gear (longline or pots)	_____ days
b. West Coast crab	_____ days
c. West Coast salmon	_____ days
d. West Coast shrimp	_____ days
e. West Coast tuna	_____ days
f. West Coast halibut (Pacific or California)	_____ days
g. Other West Coast fisheries	_____ days
h. Alaska fisheries (not including tendering)	_____ days
i. Tendering	_____ days
j. Chartering	_____ days
k. Steaming between West Coast and Alaska	_____ days

ANNUAL COSTS AND EARNINGS IN ALL FISHERIES

Questions 11 through 13 collect information about this vessel’s costs and earnings **while operating in all fisheries** (groundfish, crab, shrimp, salmon, etc.) in all locations (West Coast, Alaska, etc.).

11. On what date did your 2012 fiscal year begin?

a. Month: _____	b. Day: ____	c. Year: _____
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12. Provide total costs (both expenses and capitalized expenditures) during fiscal year 2011 and fiscal year 2012 in each of the following categories for this vessel.

- If you do not track expenses for captain and crew separately, report combined expenses under captain and put “NA” under crew.
- Round all answers to the nearest 100 dollars.
- Include all chartering expenses, even if directly reimbursed
- Include both expenses and capitalized expenditures

Expense Category	2011 (\$)	2012 (\$)
a. Captain (including wages, bonuses, benefits, payroll taxes, and unemployment insurance)	\$ _____	\$ _____
b. Crew (including wages, bonuses, benefits, payroll taxes, and unemployment insurance)	\$ _____	\$ _____
c. Crew or captain travel not deducted from wages	\$ _____	\$ _____
d. Observer fees and electronic monitoring	\$ _____	\$ _____
e. Fishing association and commission costs	\$ _____	\$ _____
f. State licensing and federal permit fees	\$ _____	\$ _____
g. Fuel and lubrication	\$ _____	\$ _____
h. Food	\$ _____	\$ _____
i. Ice	\$ _____	\$ _____
j. Bait	\$ _____	\$ _____
k. Off-load expenses (cross dock fees, port tariffs, hoist fees, etc.)	\$ _____	\$ _____
l. Freight to the vessel on supplies	\$ _____	\$ _____
m. Other supplies (cleaning, clothing, safety, etc.)	\$ _____	\$ _____
n. Communications	\$ _____	\$ _____
o. Trucking of fish to the buyer	\$ _____	\$ _____
p. Vessel and on-board equipment purchases, repair, and maintenance <ul style="list-style-type: none"> • Include all electronics, safety equipment, and machinery not used to harvest fish • Exclude fishing gear and processing equipment 	\$ _____	\$ _____
q. Fishing gear purchases, repair, and maintenance <ul style="list-style-type: none"> • Include nets, doors, traps, pots, cables, and fishing machinery 	\$ _____	\$ _____

r. On-board processing equipment purchases, repair, and maintenance • Include any equipment used to process or head and gut fish on-board the vessel	\$ _____	\$ _____
s. Insurance premium payments (hull and machinery, protection and indemnity, and pollution insurance)	\$ _____	\$ _____
t. Moorage	\$ _____	\$ _____
u. Lease or bareboat charter of this vessel	\$ _____	\$ _____
v. Purchase and leasing of permits and quota associated with this vessel	\$ _____	\$ _____
w. Total depreciation (vessel, on-board equipment, processing equipment, and quota) taken during the year	\$ _____	\$ _____

13. For each of the earnings sources listed below, indicate the income earned during your fiscal year 2011 and fiscal year 2012.
- If no income was earned from a source during a particular fiscal year, enter \$0 in the appropriate cell.
 - Round all answers to the nearest 100 dollars.

Earnings (Income) Source	2011	2012
a. West Coast shoreside landings; <i>this information will be obtained from fish ticket data</i>		
b. Landings and at sea deliveries outside the West Coast (Alaska and other). Include taxes, fees, and post-season adjustments.	\$ _____	\$ _____ —
c. Sale of permits and quota associated with this vessel	\$ _____	\$ _____
d. Leasing of permits and quota associated with this vessel	\$ _____	\$ _____
e. Tendering	\$ _____	\$ _____
f. Salmon disaster relief payments	\$ _____	\$ _____
g. Chartering / research / leasing vessel: include direct reimbursements	\$ _____	\$ _____
h. Other. Please describe	\$ _____	\$ _____

LABOR COMPENSATION IN THE WEST COAST GROUND FISH FISHERY

14. In which of the following fisheries did this vessel derive the most revenue from West Coast landings during fiscal year 2012?

a. Groundfish	<input type="radio"/>
b. Salmon	<input type="radio"/>
c. Crab	<input type="radio"/>
d. Shrimp	<input type="radio"/>
e. Other West Coast Fishery	<input type="radio"/>

15. When operating in the fishery identified in question 14, did this vessel make any trips during fiscal years 2011 and 2012 where a crew share system was used to pay the crew?
 a. Yes (proceed to question 16)
 b. No (proceed to question 20)

16. Which of the following expenses were deducted from total revenue before calculating the crew share when this vessel operated in the fishery identified in question 14? Mark “Yes” for expenses which were deducted from total revenue and “No” for expenses which were not deducted from total revenue. If the calculation of crew share changed during the 2011-12 period, please report the method used most frequently.

Deduction from Total Revenue	
a. Crew or captain travel not deducted from wages	Yes <input type="radio"/> No <input type="radio"/>
b. Observer fees and electronic monitoring	Yes <input type="radio"/> No <input type="radio"/>
c. Fishing association and commission costs	Yes <input type="radio"/> No <input type="radio"/>
d. State licensing and Federal permit fees	Yes <input type="radio"/> No <input type="radio"/>
e. Buyback fees	Yes <input type="radio"/> No <input type="radio"/>
f. Fuel and lubrication	Yes <input type="radio"/> No <input type="radio"/>
g. Food	Yes <input type="radio"/> No <input type="radio"/>
h. Ice	Yes <input type="radio"/> No <input type="radio"/>
i. Bait	Yes <input type="radio"/> No <input type="radio"/>
j. Off-load expenses	Yes <input type="radio"/> No <input type="radio"/>
k. Freight to the vessel on supplies	Yes <input type="radio"/> No <input type="radio"/>
l. Other supplies (cleaning, clothing, safety, etc.)	Yes <input type="radio"/> No <input type="radio"/>
m. Communications	Yes <input type="radio"/> No <input type="radio"/>
n. Trucking of fish to the buyer	Yes <input type="radio"/> No <input type="radio"/>
o. Vessel and on-board equipment purchases, repair, and maintenance	Yes <input type="radio"/> No <input type="radio"/>

p. Fishing gear purchases, repair, and maintenance	Yes <input type="radio"/>	No <input type="radio"/>
q. On-board processing equipment purchases, repair, and maintenance	Yes <input type="radio"/>	No <input type="radio"/>
r. Insurance premium payments	Yes <input type="radio"/>	No <input type="radio"/>
s. Moorage	Yes <input type="radio"/>	No <input type="radio"/>
t. Lease or bareboat charter of this vessel	Yes <input type="radio"/>	No <input type="radio"/>
u. Expenses for purchase and leasing of permits and quota associated with this vessel	Yes <input type="radio"/>	No <input type="radio"/>
v. Other _____	Yes <input type="radio"/>	No <input type="radio"/>

17. On what percentage of fishing trips in the fishery identified in question 14 did the vessel owner serve as captain during the 2011-12 period?

_____ %

18. On trips in the fishery identified in question 14 when the vessel owner serves as captain, please indicate the share of net revenue (revenue minus the deductions listed in question 16) going to the vessel, captain, and crew. If the vessel owner did not serve as captain on any trips write "NA".

a. Vessel share	_____ %
b. Captain share	_____ %
c. Crew share	_____ %

19. On trips in the fishery identified in question 15 when the vessel owner did not serve as captain, please indicate the share of net revenue (revenue minus the deductions listed in question 17) going to the vessel, captain, and crew. If the vessel owner always serves as captain, please write "NA".

a. Vessel share	_____ %
b. Captain share	_____ %
c. Crew share	_____ %

SURVEY CONCLUSION AND PAPERWORK REDUCTION ACT STATEMENT

20. Is there any other information you would like to share with us?

Thank you for participating in this survey. The information you have provided will improve studies of the economic performance and economic impact of the West Coast limited entry fishery. Public reporting burden for this information collection, including time for gathering data needed, and completing the survey is estimated to average two hours per respondent. Any questions about this survey may be directed to either Carl Lian of NOAA Fisheries (206-302-2414) or Dave Colpo of the Pacific States Marine Fisheries Commission (503-595-3100). This survey is conducted under OMB No. 0648-0369, which expires on February 28, 2013. Responses to this information request are confidential under 402(b) of the Magnuson-Stevens Act (16 U.S.C. 1801, *et seq.*). They are also confidential under NOAA Administrative Order 216-100, which sets forth procedures to protect the confidentiality of fishery statistics.