NOTICE OF OFFICE OF MANAGEMENT AND BUDGET ACTION

Date 12/20/2013

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 11/20/2013

ACTION REQUESTED: New collection (Request for a new OMB Control Number)
TYPE OF REVIEW REQUESTED: Regular
ICR REFERENCE NUMBER: 201311-0648-005
AGENCY ICR TRACKING NUMBER:
TITLE: Gulf of Alaska Trawl Groundfish Fishery Rationalization Social Study
LIST OF INFORMATION COLLECTIONS: See next page

OMB ACTION: Approved with change
OMB CONTROL NUMBER: 0648-0685
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: 12/31/2016 DISCONTINUE DATE:

BURDEN:	RESPONSES	HOURS	COSTS
Previous	0	0	0
New	1,574	1,168	0
Difference			
Change due to New Statute	0	0	0
Change due to Agency Discretion	1,574	1,168	0
Change due to Agency Adjustment	0	0	0
Change due to PRA Violation	0	0	0

TERMS OF CLEARANCE:

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
GOA Groundfish Trawl FIshery Social Survey	NA, NA	GOA groundfish trawl fishery social survey, Participant involvement form	

PAPERWORK REDUCTION ACT SUBMISSION

Please read the instructions before completing this form. For additional forms or assistance in completing this form, contact your agency's Paperwork Clearance Officer. Send two copies of this form, the collection instrument to be reviewed, the supporting statement, 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, DC 20503.

1. Agency/Subagency originating request
DOC/NOAA/NMFS

2. OMB control number b. [✔] None
a. 0648 - 0685

3. Type of information collection (*check one*)
a. [✔] New Collection
b. [ ] Revision of a currently approved collection
c. [ ] Extension of a currently approved collection
d. [ ] Reinstatement, without change, of a previously approved collection for which approval has expired
e. [ ] Reinstatement, with change, of a previously approved collection for which approval has expired
f. [ ] Existing collection in use without an OMB control number
For b-f, note Item A2 of Supporting Statement instructions

4. Type of review requested (*check one*)
a. [✔] Regular submission
b. [ ] Emergency - Approval requested by ____/____/____
c. [ ] Delegated

5. Small entities
Will this information collection have a significant economic impact on a substantial number of small entities? [ ] Yes [✔] No

6. Requested expiration date
a. [✔] Three years from approval date b. [ ] Other Specify:____/____

7. Title Gulf of Alaska Trawl Groundfish Fishery Rationalization Social Study

8. Agency form number(s) (*if applicable*)

9. Keywords Fish, Fisheries, Fishing, Fishery

10. Abstract

The North Pacific Fishery Management Council (NPFMC) is currently debating designs of a new rationalization program for the Gulf of Alaska trawl groundfish fishery and is expected to take final action on a new program in late 2014 or early 2015. These types of management programs are known to have extensive beneficial outcomes for fish stocks. Literature shows that there are mixed outcomes for the people participating in the fishery. Fishery participants may suffer negative social impacts. Sufficient non-economic social science data will be collected to describe the fishery prior to the management change, to collect baseline data. This information will be used to inform the program design and compared to a data collection post rationalization in order detect any changes in the system as a result of the management change. With the pre- and post-rationalization data, social impacts may be measured. The collection of this data will provide fisheries managers with social science data which is typically unavailable or available in limited quality. This research aims to collect extensive data about the people in the fishery for the maximum benefit to all parties, including fisheries.

11. Affected public (*Mark primary with "P" and all others that apply with "x"*)
a. P Individuals or households d. ___ Farms
b. x Business or other for-profit e. ___ Federal Government
c. ___ Not-for-profit institutions f. ___ State, Local or Tribal Government

12. Obligation to respond (*check one*)
a. [✔] Voluntary
b. [ ] Required to obtain or retain benefits
c. [ ] Mandatory

13. Annual recordkeeping and reporting burden
a. Number of respondents 1,284
b. Total annual responses 1,284
1. Percentage of these responses collected electronically 20 %
c. Total annual hours requested 1,023
d. Current OMB inventory 0
e. Difference
f. Explanation of difference
1. Program change
2. Adjustment

14. Annual reporting and recordkeeping cost burden (*in thousands of dollars*)
a. Total annualized capital/startup costs 0
b. Total annual costs (O&M) 0
c. Total annualized cost requested 0
d. Current OMB inventory 0
e. Difference
f. Explanation of difference
1. Program change
2. Adjustment

15. Purpose of information collection (*Mark primary with "P" and all others that apply with "X"*)
a. ___ Application for benefits e. x Program planning or management
b. ___ Program evaluation f. p Research
c. ___ General purpose statistics g. x Regulatory or compliance
d. ___ Audit

16. Frequency of recordkeeping or reporting (*check all that apply*)
a. [ ] Recordkeeping b. [ ] Third party disclosure
c. [✔] Reporting
1. [ ] On occasion 2. [ ] Weekly 3. [ ] Monthly
4. [ ] Quarterly 5. [ ] Semi-annually 6. [ ] Annually
7. [ ] Biennially 8. [✔] Other (describe) One time only

17. Statistical methods
Does this information collection employ statistical methods
[✔] Yes [ ] No

18. Agency Contact (person who can best answer questions regarding the content of this submission)
Name: Amber Himes-Cornell
Phone: (206) 526-4221

19. Certification for Paperwork Reduction Act Submissions

On behalf of this Federal Agency, I certify that the collection of information encompassed by this request complies with 5 CFR 1320.9

NOTE: The text of 5 CFR 1320.9, and the related provisions of 5 CFR 1320.8(b)(3), appear at the end of the instructions. *The certification is to be made with reference to those regulatory provisions as set forth in the instructions.*

The following is a summary of the topics, regarding the proposed collection of information, that the certification covers:

(a) It is necessary for the proper performance of agency functions;

(b) It avoids unnecessary duplication;

(c) It reduces burden on small entities;

(d) It used plain, coherent, and unambiguous terminology that is understandable to respondents;

(e) Its implementation will be consistent and compatible with current reporting and recordkeeping practices;

(f) It indicates the retention period for recordkeeping requirements;

(g) It informs respondents of the information called for under 5 CFR 1320.8(b)(3):

- (i) Why the information is being collected;
- (ii) Use of information;
- (iii) Burden estimate;
- (iv) Nature of response (voluntary, required for a benefit, mandatory);
- (v) Nature and extent of confidentiality; and
- (vi) Need to display currently valid OMB control number;

(h) It was developed by an office that has planned and allocated resources for the efficient and effective management and use of the information to be collected (see note in Item 19 of instructions);

(i) It uses effective and efficient statistical survey methodology; and

(j) It makes appropriate use of information technology.

If you are unable to certify compliance with any of the provisions, identify the item below and explain the reason in Item 18 of the Supporting Statement.

Signature of Senior Official or designee	Date

Agency Certification (signature of Assistant Administrator, Deputy Assistant Administrator, Line Office Chief Information Officer, head of MB staff for L.O.s, or of the Director of a Program or StaffOffice)	
Signature signed by Dr. Ned Cyr	Date 11/10/2013
Signature of NOAA Clearance Officer	
Signature BRABSON.SARAH.1365710488 Digitally signed by BRABSON.SARAH.1365710488 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=OTHER, cn=BRABSON.SARAH.1365710488 Date: 2013.12.20 16:39:45 -05'00'	Date

SUPPORTING STATEMENT
GULF OF ALASKA TRAWL GROUNDFISH FISHERY RATIONALIZATION SOCIAL STUDY
OMB CONTROL NO. 0648-XXXX

A. JUSTIFICATION

The Alaska Fisheries Science Center (AFSC) is requesting approval for a new collection of information on social and cultural impacts to members of the fishing industry to be involved in a new rationalization program for the Gulf of Alaska trawl groundfish fishery.

Please note: There is a time constraint to commence this data collection prior to the North Pacific Fishery Management Council (NPFMC) taking action on the creation of a new rationalization program for this fishery. The NPFMC is expected to take final action on a program in late 2014 or early 2015. The inability to collect this data and the lack of sufficient time to collect the full breadth of this data will severely limit the ability to complete the full objectives of the research. It will negatively impact the full utility of the results for management purposes. Sufficient time is required to allow for access to fishermen when they are in port between fishing seasons that co-occur with the time available to conduct this research. **As a result of these limitations, and to allow sufficient time to collect all data for full analysis, OMB approval is requested prior to or by January 1, 2014**. This will provide the opportunity to travel to collect data while the NPFMC is designing the new management program and before final action is taken. It will also provide multiple opportunities for the researchers to contact participants to collect the data sought.

1. Explain the circumstances that make the collection of information necessary.

The NPFMC, formed under the authority of the Magnuson Stevens Fisheries Conservation and Management Act (reauthorized 2007) (MSA) P.I. 109-479, sec. 302.f, is currently debating designs of a new rationalization program for the Gulf of Alaska trawl groundfish fishery and is expected to take final action on a new program in late 2014 or early 2015. Changes in how fisheries are managed not only result in changes in stock assessments, stock abundance, and species recovery, but also result in changes to the people within the fishery.

Scientific literature extensively discusses the impacts rationalization programs have on fishing communities and fishermen (Ecotrust 2004, Lowe and Carothers 2008, McCay 1995, NRC 1999, Palsson and Petursdottir 2006). Social and cultural changes to fishermen, processors, and other industry members, such as net suppliers, are probable. Rationalization results such as consolidation and increased efficiency have benefits to the catch, but may have consequences on the people involved in the fishery. The extent of the social and cultural changes is correlated to the specific characteristics of the fishery being rationalized. This research aims to generate a baseline description of the fishery and to collect sufficient data pre-rationalization to identify and assist in measuring changes that are related to the rationalization of the fishery in the future. This effort will represent a data collection similar in scope to a recent data collection conducted by the National Oceanic and Atmospheric Administration's (NOAA) Northwest Fisheries Science Center (NWFSC) with the Pacific Coast Groundfish Fishery (OMB Control No. 0648-0606).

In addition to understanding impacts within this fishery, the potential to gain more information for other fisheries managed by the NPFMC is high. It is known that many fishermen diversify their fishing activity across more than one fishery. This research effort will collect data to show the movement of individuals between different fisheries. Where appropriate, data obtained can then be applied to other fisheries, contributing further to the utility of this research. In the event future fisheries are considered for rationalization, this research effort may inform future management.

The ability to collect data prior to the management change is critical to the ability to show how the fishery changes. Without the collection of baseline data, additional studies in the future will be useful, but will not provide the ability to show explicit data depicting social changes in the system. This research will be most complete, and will provide the greatest amount of information about social and cultural characteristics of this fishery, if conducted before and after the management change. Once the proposed data collection has been completed and the new management program put into place, a second data collection will be proposed that will allow for supplemental time series data that will allow us to show how the fishery changes with the implementation of the new management program.

To achieve these goals, the baseline data collection will be collected in 2014, while the NPFMC is deciding what the program will look like and prior to the NPFMC taking final action on the design of the program. This baseline data would need to be collected in the spring and summer of 2014. A second research effort would collect data in the second year post-implementation. This would be the first effort to collect data post-management change. This second data collection will be developed once the program design has been finalized so that the effect of actual program elements can be tested for in the survey instrument.

This research will also support several legal requirements (see below for description), not only for this specific management change, but possibly for other fisheries that have similar legal requirements. Results will support legal requirements by illustrating the importance of the fishery to fishing communities, by taking the first step to identifying the social characteristics of the fishery, as well as initiating an understanding of the relationships between individuals in the industry. All these results will support various sections of the MSA, which requires an understanding of social data along with other laws and regulations.

MSA

The following sections of the MSA pertain specifically to the requirements needing social and cultural data. Data collected in this effort will support current and future requirements (See attachment A).

1) National Standard 8 Sec 301 (a)(8) states:

   Conservation and management measures shall, consistent with the conservation requirements of this Act (including the prevention of overfishing and rebuilding of overfished stocks), take into account the importance of fishery resources to fishing communities by utilizing economic and social data that meet the requirements of paragraph (2), in order to (A) provide for the sustained participation of such

communities, and (B) to the extent practicable, minimize adverse economic impacts on such communities.

2) Requirements for Limited Access Privileges Sec.303A. (c) (1) (C) states:

… any limited access privilege program (LAPP) to harvest fish submitted by a Council or approved by the Secretary under this section shall promote:
… (iii) social and economic benefits.

3) Sec. 303A (B) PARTICIPATION CRITERIA – *In developing participation criteria for eligible communities under this paragraph, a Council shall consider -*
(i) traditional fishing or processing practices in, and dependence on, the fishery;
(ii) the cultural and social framework relevant to the fishery;
(iv) the existence and severity of projected economic and social impacts associated with implementation of limited access privilege programs on harvesters, captains, crew, processors, and other businesses substantially dependent upon the fishery in the region or subregion;

4) Sec. 404(a) refers to:

…..acquire knowledge and information including statistics, on fishery conservation and management and on the economic and social characteristics of the fishery.

The act clarifies this in Sec 404(c) (3) indicating

Research on fisheries, including the social, cultural, and economic relationships among fishing vessel owners, crew, United States fish processors, associated shoreside labor, seafood markets and fishing communities.

NEPA

The National Environmental Protection Act (NEPA) requires federal agencies to consider the interactions of natural and human environments, and the impacts on both systems of any changes due to governmental activities or policies. This consideration is to be done through the use of '…a systematic, interdisciplinary approach that will insure the integrated use of the natural and social sciences in planning and decision-making which may have an impact on man's environment;' (NEPA Section 102 (2) (A)). Under NEPA, an Environmental Impact Statement (EIS) or Environmental Assessment (EA) is required to assess the impacts on the human environment of any federal activity. NEPA specifies that the term 'human environment' shall be interpreted comprehensively to include the natural and physical environment and the relationship of people with that environment' [NEPA Section 102 (C)].

Executive Order 12898

The Executive Order 12898 of February 11, 1994 on Environmental Justice requires federal agencies to consider the impacts of any action on disadvantaged, at risk and minority populations. To evaluate these impacts, information about the vulnerability of certain stakeholders must be better understood. Indicators of vulnerability can include but are not

limited to income, race/ethnicity, household structure, education levels and age. Although some general information related to this issue is available through census and other quantitative data, these sources do not disaggregate those individuals or groups that are affected by changes in marine resource management or the quality of the resource itself. Therefore, other types of data collection tools must be utilized to gather information related to this executive order.

Regulatory Flexibility Act

The Regulatory Flexibility Act requires federal agencies to prepare an initial and final regulatory flexibility analysis which '…shall describe the impact of the proposed rule on small entities…'…The initial regulatory flexibility analysis'…shall also contain a description of any significant alternatives to the proposed rule which accomplish the stated objectives of applicable statutes and which minimize any significant economic impact of the proposed rule on small entities. [RegFlex Section 603 (b) (5) (c)]. In addition, each final regulatory flexibility analysis shall contain '…a description of the steps the agency has taken to minimize the significant economic impact on small entities….' [RegFlex Section 604 (a) (5)].

2. Explain how, by whom, how frequently, and for what purpose the information will be used. If the information collected will be disseminated to the public or used to support information that will be disseminated to the public, then explain how the collection complies with all applicable Information Quality Guidelines.

For current regulatory action and in the event of future regulatory action, the information may be utilized by the National Marine Fisheries Service (NMFS) to meet the requirements of the regulations described above in Question 1. The results of the research will also be available for use by the NPFMC in their role in fisheries management. In addition to direct fisheries management utility, this research and the resultant data may be utilized in increased and future ecosystem management efforts. These efforts include the development of various ecosystem models which incorporate various social indicators and other social information. The results of this research will increase the availability of social data to the extent that it may significantly benefit new research efforts in ecosystem modeling. Reports will also be available for public use to support other research concepts and future research design. The frequency of the use of the data is unknown at this time and is dependent in the regulatory actions required in the future as well as public use. With that said, as this type of data has been historically unavailable, it is expected that the availability of this type of information will have high utility.

The information collection tool is a modified version of the survey instrument used to collect data in 2010 from Pacific Coast groundfish fishery participants (OMB Control No. 0648-0606). The primary data collection tool is a survey instrument supplemented by interviews and short meetings with industry organizations as needed. The survey instrument is organized into various sections, which are pertinent to some or all of the intended respondents. The survey includes the following sections: Demographic Information, Individual Participation, Connections, Bycatch Management Perspectives, Fishermen, Processing plant owners and managers (At-sea and Shoreside) and Processing Plant Employees (At-sea and Shoreside). These sections are further described as follows.

Demographic Information: This data aims to obtain a better description of the unique population of this fishery. It will provide a more accurate description of the people within that population.

Information collected in this section is comparable to U.S. Census information, but on a finer scale. The United States (U.S.) Census does not collect or provide the information at a level to be able to identify a specific population of fishermen, or fishermen as a separate industry. Information about fishermen in the census is aggregated with other types of information representing the agriculture and forestry fields. As a result, it is impossible to describe the demographics of any specific fishing community through the use of U.S. Census data. The collection of this data in this section serves the role to describe this specific population of the people connected to this specific fishery.

Individual Participation: Data from this section increases our knowledge of the unique characteristics of the people in the industry beyond demographic information. Data gathered includes individual historical participation in the fishery, an understanding of family participation in the fishery, the roles individuals play in the fishery, characteristics of their jobs such as work schedules, and a better understanding of where they live versus where they work. Many of these areas may be affected by the management change. Work schedules, standard of living, etc., all may result in social impacts to individuals. The collection of this data will contribute to the identification of these impacts on a person by person basis.

Connections: Data in this section will provide information on the connections, and insight into the relationships, between individuals in the fishery. Questions aim to identify clear components of the fishery such as important business suppliers and organizations that may be critical to the functioning of the fishery and explore the interconnectedness of participants across multiple communities. Changes in the characteristics of the fishery as a result of the management change may alter the connections and relationships in the fishery. Scientific literature speaks to these changes (McCay 1995, Dunham et al 2013). Data in this section will be used to conduct a social network analysis of the participants in the GOA trawl groundfish fisheries in order to provide insight into relationships as well as the ability to measure social change in the system. This analysis will enable us to estimate the strength and stability of connections between communities to understand how changes in fisheries management indirectly filter through the network. We believe that the severity of impact on a community from fisheries management changes may be partly determined in part by the resilience of community networks. Therefore, the social network analysis work that will be conducted as a result of the questions in Section C will be useful to estimate the impacts of policy decisions on participants as well as how these impacts affect their extended social networks.

Bycatch Management Perspectives: Questions in this section aim to gauge the opinions and perspectives of the individuals in the fishery about the upcoming management change. This section is intended to clearly capture respondents' participation in fisheries management, their level of knowledge of and support for a rationalization program, and assess respondents' support for program elements that are being considered by the NPFMC for inclusion in the program design. This information will serve multiple purposes. It will clearly identify industry members' perspectives on what the new management program should look like, allow for the clear measurement of the change of these perspectives over time, as well and provide a gauge of how well-informed individuals are about the management change – contributing to NMFS' and NPFMC's efforts to improve communication with the public.

Fishermen: This section is designed specifically for those members of the fishery who are either directly or indirectly involved in, and have knowledge of, any aspect of the harvest of

commercial catch. For example, vessel owners whom are not onboard, and permit owners, who are not on board as well as captains and crew members on board the vessels. Questions in this section aim to gather more information about fishermen and how they work in the industry. Information collected will help us understand the different fisheries individuals participate in; for example, the groundfish and the rockfish, sablefish and halibut fisheries. Other information sought includes the common gears and gear combinations utilized, what factors contribute to their participation in a single fishery or multiple fisheries, where they fish in relation to where they live, how are they related to, and what are the relationships between, individuals with whom they fish , and how they are connected to processors and why. Data in this section will greatly contribute to our ability to understand where fishing communities are located and why, the characteristics of the fishery, the relationships between fishermen and processors, and a better understanding of the working system of the fishery.

Processors (At-sea and Shoreside): This section is specifically designed for those members of the fishery who own or manage processing facilities that receive and process the commercial harvest in the Gulf of Alaska groundfish trawl fishery. Individuals targeted for this section of the survey include shoreside processors, at-sea processors, and floating processors. Questions in this section aim to gather information about a sector that is very data poor. Data gathered will help fisheries managers understand the distribution of processors that participate in this fishery, how they obtain catch, their relationships with harvesters, the flow of commercial catch from the fisherman to the consumer, and how and where they market and distribute their product. Information obtained will allow for the understanding of various species that are processed, and the importance of each to the processing businesses. The measure of these characteristics both pre and post rationalization will create the opportunity to better understand the impact the catch shares program has on the processing sector.

Processing plant employees (at-sea and shoreside): This section is specifically designed for people that work at processing facilities (not in an owner or manager role) that receive and process the commercial harvest in the Gulf of Alaska groundfish trawl fishery. Processing facilities in Alaska are well known for their use of foreign labor, some of which is brought in for seasonal work and some is brought in to join a year round labor force. Questions in this section aim to gather information about another sector that is data poor. Data gathered will help fisheries managers understand the immigration status of processing plant employees, the extent to which they rely on social assistance programs, methods of hiring plant employees, the extent to which families rely on processing facilities to support them, the distribution of temporary and permanent workforces in processing facilities that process Gulf of Alaska caught groundfish, and what options for work processing plant employees have outside of the Gulf of Alaska groundfish fishery.

Together these survey sections, supplemental interview data, and information from meetings with industry organizations will generate a very extensive description of the fishery. The description will include the perspectives of various aspects of the industry from fishermen to processors and other related entities. This research will not only inform the current management process, but will also provide information that supports legal requirements about fishing communities, social impact assessments, and areas of research. This research will also increase the utility and quality of other secondary research, completed and ongoing, by providing more accurate primary data to support secondary data collection efforts.

It is anticipated that the information collected will be disseminated to the public or used to support publicly disseminated information. NOAA AFSC Economics and Social Science Research Program 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. See response to Question 10 of this Supporting Statement for more information on confidentiality and privacy. The information collection is designed to yield data that meet all applicable information quality guidelines. Prior to dissemination, the information will be subject to quality control measures and pre-dissemination review pursuant to Section 515 of Public Law 106-554.

3. Describe whether, and to what extent, the collection of information involves the use of automated, electronic, mechanical, or other technological techniques or other forms of information technology.

Data collection tools will be available in all forms possible. Accessibility of the research tools to study participants is critical to the success of the research. As a result, a wide breath of options will be available to distribute the survey and capture the data. The primary data collection tool is a survey. The secondary mode of data collection is unstructured interviews. Hard copy surveys will primarily be provided to research participants in-person. The survey can then be completed in the presence of the researcher to facilitate the answering of any questions, the clarification of data being collected, and support any concerns of the research participant. In addition to administering the survey in-person, the researcher can then conduct a brief unstructured or semi-structured interview to collect any other pertinent data from the survey participant.

The survey tool will also be available in hard copy to be mailed or otherwise distributed to research participants. The survey will be available in a universal electronic format to either be electronically transmitted via email or downloaded from the internet by research participants. In the event of the dissemination of the survey other than in person, directions to access the survey and all support required to return the survey to the researchers will be provided. For example, postage paid pre-addressed envelopes will be provided to those research participants who request a hard copy of the survey.

4. Describe efforts to identify duplication.

NOAA Fisheries social scientists and contractors work closely with regional academia, community based organizations, industry groups and other parties interested in this type of information. Reviews of existing information are common practice when initiating social science studies. A thorough literature review has identified where similar studies have been initiated and will ensure that efforts are not duplicated. The principal investigator has briefed and discussed this research to relevant NMFS personnel in headquarters, the Alaska Regional Office, and the AFSC, as well as at the NPFMC, community leadership groups in the Gulf of Alaska, organizations representing the Gulf of Alaska trawl industry, and social science colleagues in academia. The efforts of communication have served multiple functions to include making sure there will be no duplication of effort, to communicate plans for the research effort, and to establish collaborations to complete the research in the most effective manner possible.

5. <u>If the collection of information involves small businesses or other small entities, describe the methods used to minimize burden</u>.

This request includes the collection of data about/from individuals and those whom may be linked to or represent small businesses. Prior to contacting these respondents, researchers have gathered any publicly available answers to the questions. Only those questions that cannot be reliably answered through this manner and may change with perspective of the respondent will be asked.

In addition, participation in data collection will be voluntary. This data collection will not require any reporting or equipment cost burdens. The burden will be limited to the time required to complete the survey. Arrangements to collect data from all research participants will be at the convenience of the participant, and as flexible as possible to minimize burden on all parties.

6. <u>Describe the consequences to the Federal program or policy activities if the collection is not conducted or is conducted less frequently</u>.

In the absence of current information on the human dimensions of marine resource use and marine ecosystems, NOAA Fisheries and Regional Fisheries Councils will be unable to adequately understand and predict the potential impacts of policy decisions on fishing communities and people, particularly those people who do not regularly attend public meetings, but are nonetheless affected by the decisions.

The federal mandates and executive orders, described in Question 1 and related appendices of this document, require the analysis of the impacts that government actions have on the individuals and communities involved in fishing and marine resource related activities. Social impact assessments, analysis of the affected human environment, cumulative impacts as well as the distribution of impacts with a special emphasis on vulnerable or at risk communities are all examples of these requirements. The ability of NOAA social scientists to adequately respond to this charge rests on access to timely and relevant information about the pertinent stakeholders, such as that proposed to be collected in this data collection.

A significant concern related to the quality of these analyses is the risk of being vulnerable to litigation due to the lack of fulfilling these mandates and executive orders. Therefore not collecting this information may lead to incomplete representation of the science and information. Delays and costs due to litigation compound the issues both in the management context, and the funding context. This could impact the decision making process and negatively impact the communities subject to the decisions.

7. <u>Explain any special circumstances that require the collection to be conducted in a manner inconsistent with OMB guidelines</u>.

Information collections are consistent with OMB guidelines.

8. Provide information on the PRA Federal Register Notice that solicited public comments on the information collection prior to this submission. Summarize the public comments received in response to that notice and describe the actions taken by the agency in response to those comments. Describe the efforts to consult with persons outside the agency to obtain their views on the availability of data, frequency of collection, the clarity of instructions and recordkeeping, disclosure, or reporting format (if any), and on the data elements to be recorded, disclosed, or reported.

A Federal Register Notice published on July 5, 2013 (Vol. 78, No. 129, Page 40435) solicited one public comment. The commenter indicated that the cost burden to respondents for filling out the survey was underestimated due to the time expected to participate in the survey. A response was provided to the commenter indicating that the costs cited in the Federal Register Notice related to recordkeeping and reporting costs only and that labor costs would be reported in the PRA submission.

In regards to consultation with persons outside the agency, various phone conferences, and in-person meetings included a discussion of the research and the option to review the draft survey document. Consultations were sought with members of the fishing industry whom serve roles specific to the Gulf of Alaska groundfish trawl fishery, the Kodiak Rural Regional Leadership Forum, the Alaska Groundfish Databank, NPFMC staff, members of the NPFMC Scientific and Statistical Committee, and social scientists at the Northwest Fisheries Science Center. Continued and ongoing status of this study as well as any future data collections will be communicated through the study's website. Communication and collaboration with all interested parties is ongoing and maintained throughout and beyond the data collection and release of the final reporting documents for this research.

9. Explain any decisions to provide payments or gifts to respondents, other than remuneration of contractors or grantees.

There are no plans to provide any payment or gift to respondents.

10. Describe any assurance of confidentiality provided to respondents and the basis for assurance in statute, regulation, or agency policy.

Each questionnaire will have a number of references to the confidential nature of the survey. The statement "All responses are confidential" will appear on the front page of the questionnaire. Page i provides answers to some anticipated questions about the project, including:

> "**ARE MY ANSWERS CONFIDENTIAL?** This is a confidential survey. Analysis of the survey results will be anonymous. Some of the information will be aggregated as well. Information in this survey will be subject to the confidentiality requirements of the National Marine Fisheries Service per MSA Sec. 402(b) and the NOAA Administrative Order NAO 216-100, and will not be provided or presented in any way as to identify individual respondents."

In the survey instructions on page 3, the respondent is instructed not to write their name anywhere on the survey. Page 3 also provides an explanation of confidentiality that describes the steps that we are taking to preserve the confidentiality of respondents and provides citations for our legal ability to keep the information confidential:

> "The information you provide will be kept confidential to the extent possible per the Magnuson-Stevens Fishery Conservation and Management Act (as amended) Sec 402(b) and NOAA Administrative Order NAO 216-100, Protection of Confidential Fisheries Statistics. In addition, in the event of a Freedom of Information Act (FOIA) request, we will protect the confidentiality to the extent possible under the Exemption 4 of the FOIA. To support the confidentiality of this research the following processes are in place:
>
> - Your name will not be included on the survey document. It will be tracked in an alternate document to reduce duplication, to account for your participation in the survey, and code your name as needed for the data analysis. Access to this document will be limited to researchers working on this study and protected via confidentiality agreements.
> - All personal names provided on the survey document as answers to questions, will be viewed only by the study researchers. The names will either be coded with a descriptor such as 'X Community Fisherman' or assigned a code such as 'A1' as an identifier. The type of code that will be applied to the data for each applicable question may vary based on the question itself or the associated analysis of question.
> - As researchers write final reports and publish the findings of this research, your responses will be combined with responses from other participants so that no single individual may be identified."

The information provided will be kept confidential to the extent possible per MSA Sec. 402(b) and the NOAA Administrative Order NAO 216-100, Protection of Confidential Fisheries Statistics. In addition, in the event of a Freedom of Information Act (FOIA) request, we will protect the confidentiality to the extent possible under the Exemption 4 of the FOIA.

To support the confidentiality of this research, no participant names will be included on the survey document. Participant names will be tracked in a separate document in order to 1) code participants for protection during data analysis, 2) confirm receipt of a survey from each individual, 3) avoid duplication of responses, 4) ensure the distribution of final reports back to research participants, and 5) track the individuals in the future for the post-rationalization impacts portion of the research.

Documents containing names will be kept in locked container such as a lock box in the field or a locked file cabinet in the office setting. All electronic versions will be kept under password or access restricted systems (servers and desktop units), accessible only by study researchers.

When writing final reports and publishing the findings of this research, individual responses will be aggregated with responses from other participants so that no single individual may be identified. This aggregation of the data will follow the rule of 3, where any less than three responses will not be reported to protect confidentiality. All personal names provided will be coded by the researchers with a descriptor such as 'X Community Fisherman' or assigned a code such as 'A1' as an identifier. The type of code that will be applied to each data set may vary based on the question or the analysis required of that question. Every method to protect the confidentiality of all responses will be applied in any and all contexts of this research.

In addition to the confidentiality protection measures, survey participants are provided the option to skip questions of concern and stop their participation in the survey at any time with no consequence to themselves.

11. <u>Provide additional justification for any questions of a sensitive nature, such as sexual behavior and attitudes, religious beliefs, and other matters that are commonly considered private</u>.

There are a few different areas where issues of a potentially sensitive nature will be explored. These are listed and discussed below:

1. <u>Relationship Information:</u> Survey questions inquire about the relationships between individuals in the fishery and the quality of those relationships. Scientific literature suggests that under a rationalized fishery the relationships between people change (McCay,1995; Dunham et al 2013). In addition, the MSA requires knowledge of these relationships. Questions have been designed to access this information in a manner to protect the responses of the participants. In addition, questions of this nature have all been provided with options *not* to answer the question, in the event a survey participant is uncomfortable. This data is important to show social changes in the fishery driven directly by the characteristics of the new management system.
2. <u>Connectivity/Network Information:</u> Survey questions inquire about the connections between industry members. Who gets information from whom, who works with whom for what purposes. Scientific literature confirms rationalization of fisheries results in consolidation and the removal of some fishermen and related industries from the fishery. The collection of data on connectivity and networks will utilize the Social Network Analysis methodology to identify those networks and visually represent them. The ability to do so will provide the opportunity to study how a system may change when people within the system are removed or change. The flow of information about management may change, the flow of product in the industry, etc. may change. The ability to map these changes pre and post-rationalization will provide the ability to show how the fishery has changed and what impacts may result from those changes. Questions of this nature will be coded as described in Question 10 of this document. In addition, questions of this nature have all been provided with options not to answer the question, in the event a survey participant is uncomfortable. This data is important to show social changes in the fishery driven directly by the characteristics of the new management system.

12. <u>Provide an estimate in hours of the burden of the collection of information</u>.

A census will be attempted of all respondent populations for which AFSC has names and contact information. This includes all catcher vessel owners, catcher-processor vessel owners, shoreside processing plant owners and managers, and floating processing plant owners and managers. For all other respondent populations, the number of people in the population can only be estimated (see table below). As such, we will attempt to complete a census of all potential respondents that we can identify, including catcher vessel crew members, catcher-processor crew members, shoreside processing plant workers, floating processing plant workers, and fisheries support businesses. In 2014, the total number of potential respondents across all respondent categories is estimated to be 2,137. For an explanation of how the number of estimated respondents per respondent category was determined, please refer to Question B.1. In order to calculate labor costs to the public associated with responding to this survey, a standard value of $25 per burden hour per respondent was used.

A minimum of a 60% response rate (1,284 completed surveys) is expected for this population based on the literature (Babbie, 2007; Salant and Dillman, 1994). This response rate is also based on our experience with implementing other surveys in Alaska and the results of a similar study conducted in 2010 by a researcher at NOAA's Northwest Fisheries Science Center with the same collection methodologies (OMB Control No. 0648-0606). Given that a census of each respondent population will be attempted, the results are expected to sufficiently represent the study population. Analysis of the results will be conducted to include the response rate for each question as well as an analysis of item non-response. This is an important aspect of the research as the option to skip questions is being provided as an additional layer of confidentiality. The strength and accuracy of each piece of data will therefore be represented through the response rate of the question, in addition to the overall response rates.

Data collection is planned to be conducted only one time in 2014. Additional OMB clearance will be sought once the rationalization program has been fully designed in order to conduct a post-rationalization survey of the study population. Thus, the total burden hours for this baseline survey are expected to be 1,023 hours.

Description	No. estimated target respondents	Estimated response (60% response rate[+])	Response time per respondent[++]	Total burden (hours)	Labor Cost -$25 to Public Per Burden Hour
Catcher Vessel Owners/Operators*	178	107	1 hour	107	$2,675
Catcher-Processor Owners/Operators*	36	22	1 hour	22	$550
Stationary Floating Processor Owners/Operators*	8	5	1 hour	5	$125
Shoreside Processor Owners/Managers[†]	36	22	1 hour	22	$550
Shoreside Processing Workers	472	283	30 minutes	141.5 (142)	$3,550
Stationary Floating Processing Workers	128	77	30 minutes	38.5 (39)	$975
Catcher Vessel Crew	366	220	1 hour	220	$5,500
Catcher-Processor Crew	630	378	1 hour	378	$9,450
Fishery Support Businesses	173	104	30 minutes	52	$1,300
Misc. Fishermen/Processors – Unstructured interviews ONLY	100	60	30 minutes	30	$750
Fishery Related Organizations – Meetings	10	6	1 hour	6	$150
Total	**2,137**	**1,284**		**1,023 hours**	**$25,575**

*Some vessels and permits are co-owned, but both owner names are not listed in the permit data, so additional respondents were added to account for vessels with more than one boat owner.

[†] Personal communications alluded to some processors being owned by more than one individual. An exact number of these instances was not able to be obtained.

[+] An average response rate was calculated as 60%. Personal communications suggest access to shoreside processor employees will be extremely difficult. As a result, a lower response rate is anticipated from this pool of respondents even though the calculations here show a 60% response rate overall.

[++] An average response time of one hour is assumed for people that are directly involved in the fishery and are likely to be more knowledgeable about the proposed catch share management plan and want to discuss it with us more. An average response time of 30 minutes is assumed for respondents that are connected to the fishery, but are expected to answer fewer sections of the survey and not be as knowledgeable about the proposed management change.

13. <u>Provide an estimate of the total annual cost burden to the respondents or record keepers resulting from the collection (excluding the value of the burden hours in Question 12 above)</u>.

No cost other than labor cost is expected.

14. Provide estimates of annualized cost to the Federal government.

Total estimated annual cost to the federal government is $149,999. The survey will be conducted by NMFS federal staff and contractors. In addition to contractor costs, travel costs will be incurred to various field sites, as well as printing and mailing of surveys. Survey design, data collection and processing, and report development will be conducted by NMFS federal staff and contractor(s). These estimated costs for the contractor(s) have been included below. Please see the table below for itemized costs.

Description	FY2014 Budget
Contractor rates	$128,675.00
Travel	$14,890.00
Printing	$5,009.00
Postage	$1,000.00
Supplies	425.00
Total	**$149,999.00**

15. Explain the reasons for any program changes or adjustments.

This is a new program.

16. For collections whose results will be published, outline the plans for tabulation and publication.

Several publications are expected for this research. The most complete publication will be NMFS technical memoranda, which will have the most complete results. The first memorandum will be the baseline description of the industry from the results of the first survey. Other memoranda will be more extensive, to include an update of the baseline, and a pre-post management measure analysis to show any changes that have occurred in the system due to the management change once the post-rationalization data collection is completed. These technical memoranda will be available in hard copy and CD formats, and will be posted on the Economics and Social Science Research Program website, under publications. In addition, several journal publications are expected. The exact number of publications and the journals where the results will be published are to be determined. The goal is to make sure the information is widely available for all those interested in the research.

17. If seeking approval to not display the expiration date for OMB approval of the information collection, explain the reasons why display would be inappropriate.

Not Applicable.

18. Explain each exception to the certification statement.

Not Applicable.

SUPPORTING STATEMENT
GULF OF ALASKA TRAWL GROUNDFISH FISHERY RATIONALIZATION SOCIAL STUDY
OMB CONTROL NO. 0648-XXXX

B. COLLECTIONS OF INFORMATION EMPLOYING STATISTICAL METHODS

1. Describe (including a numerical estimate) the potential respondent universe and any sampling or other respondent selection method to be used. Data on the number of entities (e.g., establishments, State and local governmental units, households, or persons) in the universe and the corresponding sample are to be provided in tabular form. The tabulation must also include expected response rates for the collection as a whole. If the collection has been conducted before, provide the actual response rate achieved.

The respondent universe for this study includes those individuals, partners, businesses, etc., likely to be impacted by the Gulf of Alaska groundfish trawl bycatch management plan. Types of respondents expected include fishermen, vessel owners, vessel operators, crew aboard groundfish vessels, catcher/processor captains and crew members (both fishing and processing crew), shoreside processor owners/managers and their workers, stationary floating processor owners/managers and their workers, and other individuals who are stakeholders in the fishery such as industry representatives. In addition, the survey/interview pool will include any businesses that are directly tied to the groundfish communities through the supply of commercial items to include, but are not limited to net suppliers, fuel suppliers, equipment suppliers, etc.

The survey will be a census of the groundfish trawl fishery as described; that is, all individuals who meet the descriptions above. The only respondent categories with known numbers are the catcher vessel owners/operators, catcher/processor vessel owners/operators, shoreside processing plant owners and managers, and floating processing plant owners and managers. For all other respondent populations, the number of people in the population can only be estimated using our best available data (see table below).

Calculations have been developed to estimate the number of respondents. Values for these calculations come from a combination of published data, confidential fisheries data, and previous data collection efforts. To determine the number of catcher vessels and catcher/processor vessels active in the Federal Gulf of Alaska groundfish trawl fishery, we queried NMFS confidential fisheries statistics (e.g., NMFS Alaska Region catch accounting system) to determine which vessels had a landing (for catcher vessels) or processed (for catcher/processors, shoreside processors, and stationary floating processors) any groundfish caught in the Gulf of Alaska. This provides a list of the active catcher vessels and catcher/processor vessels which we then merged with State of Alaska confidential fisheries data (e.g., Commercial Fisheries Entry Commission adjusted fish tickets) to determine the weighted average number of crew aboard these vessels.

Assuming these vessels used the same crew for all of their Gulf of Alaska groundfish trawl trips, we summed the average number of crew members aboard each vessel participating in the fishery to get a total number of crew aboard catcher vessels and catcher processor vessels. We will work

closely with the North Pacific Groundfish Observer Program as key informants to reach the crew aboard vessels. In addition, there are various community organizations related to this fishery; for example, the Alaska Groundfish Databank, Inc. We will work closely with these organizations to connect with harder to reach respondent populations whom are fishermen and processor employees. All individuals who complete the survey/interview process will be asked to identify other crew/staff that we can contact to complete the survey.

Description	No. Entities	No. of Estimated Respondents	Estimated Response (60% Response Rate[+])
Catcher Vessel Owners/Operators*	89	178	107
Catcher-Processor Owners/Operators*	18	36	22
Stationary Floating Processor Owners/Operators*	4	8	5
Shoreside Processor Owners/Managers[†]	18	36	22
Shoreside Processing Workers	18	472	283
Stationary Floating Processing Workers	4	128	77
Catcher Vessel Crew	89	366	220
Catcher-Processor Crew	18	630	378
Fishery Support Businesses	173	173	104
Misc. Fishermen/Processors – Unstructured interviews ONLY	100	100	60
Fishery Related Organizations – Meetings	5	10	6
Total		**2,137**	**1,284**

Some vessels and permits are co-owned, but both owner names are not listed in the permit data, so additional respondents were added to account for vessels with more than one boat owner.

[†] Personal communications alluded to some processors being owned by more than one individual. An exact number of these instances was not able to be obtained.

[+] An average response rate was calculated as 60%. Personal communications suggest access to shoreside processor employees will be extremely difficult. As a result, a lower response rate is anticipated from this pool of respondents even though the calculations here show a 60% response rate overall.

We lack hard data on the number of processing workers working specifically on trawl caught Gulf of Alaska groundfish. However, the Alaska Department of Labor produces estimates of the average monthly groundfish processing employment throughout the state. As Kodiak is the major port for Gulf of Alaska groundfish, and we know there are 9 processors in Kodiak processing Gulf of Alaska groundfish, we used the average monthly groundfish processing employment from Kodiak over the years 2008-2011 (236.25) and then divide by 9 to get at the average processing employment in the Gulf of Alaska groundfish fishery per processor. This results in an average of 26.25 workers per processor. We then multiply this number by the number of shoreside and stationary floating processors to determine the total number of shoreside and stationary floating processing workers to be included in the sample. During implementation, processing workers will be identified by contacting the processing plant managers at plants that are known to process groundfish caught in the Gulf of Alaska.

The number of support businesses was calculated based on the number of participating entities in each location. For example, in an active fishing port, there is likely a net supplier, some transportation infrastructure, repair and maintenance facilities, fuel and material provider, and

possibly some accounting, lawyer, or other professional services for a total of 5 types of businesses. Based on the activity in each port, we assumed that all ports except Akutan would have at least 5 support businesses. Since Akutan is farther to the west, we assumed there would only be 3 support businesses that are involved in the Gulf of Alaska trawl fishery. We assumed that Dutch Harbor, AK, Newport, OR, and Sand Point, AK would each have 15 support businesses based on the size of their total fishing infrastructure and the community's participation in the Gulf of Alaska groundfish trawl fishery. Since Kodiak is the main landing port for the majority of shoreside landings, and Seattle is home to the most vessels (particularly catcher/processors), we assumed that there would be at least 50 support businesses in each location due to the demand for these services in these locations.

2. Describe the procedures for the collection, including: the statistical methodology for stratification and sample selection; the estimation procedure; the degree of accuracy needed for the purpose described in the justification; any unusual problems requiring specialized sampling procedures; and any use of periodic (less frequent than annual) data collection cycles to reduce burden.

As previously mentioned in Question B.1, the approach to this study is to conduct a census of the study population. All individuals who meet the study criteria will be provided an opportunity to participate in the research. The sample selection will therefore not contain a random sample or other statistical representation of the study population. Respondent selection will be based solely on the criteria of the individuals' participation and having an active role in the Gulf of Alaska Groundfish Trawl Fishery, where those expected roles have been previously addressed in Question B.1.

Data collection will occur primarily through in-person survey administration and unstructured interviews. Researchers will discuss the research with study participants, administer the surveys, be available to answer any questions, code the surveys for anonymity and confidentiality, and collect all the surveys upon completion. In the event individuals are unavailable to meet in person, various options will be available. Hard copy surveys can be provided either in person or via the mail, electronic versions will be available either for distribution via email or accessible over the internet. In the event of any mailing costs to return the survey, postage paid envelopes will be provided as appropriate.

It is expected that a 60% response rate will be sufficient to properly represent the study population. This response rate is based on a similar study conducted by a researcher at NOAA's Northwest Fisheries Science Center with the same collection methodologies (OMB Control No. 0648-0606). Analysis of the results will be conducted to include the response rate for each question. This is an important aspect of the research as the option to skip questions is being provided as an additional layer of confidentiality. The strength and accuracy of each piece of data will therefore be represented through the response rate of the question, in addition to the overall response rates.

Data collection is planned to be conducted only one time in 2014. Additional OMB clearance will be sought once the rationalization program has been fully designed in order to conduct a post-rationalization survey of the study population.

3. Describe the methods used to maximize response rates and to deal with nonresponse. The accuracy and reliability of the information collected must be shown to be adequate for the intended uses. For collections based on sampling, a special justification must be provided if they will not yield "reliable" data that can be generalized to the universe studied.

Numerous steps have been, and will be, taken to maximize response rates and deal with non-response behavior. These efforts are described below.

Maximizing Response Rates

As a reminder, no statistical sampling methodology is intended for this study population; there is no specific sampling frame applied in this case.

The implementation techniques that will be employed are consistent with methods that maximize response rates.

The first step to increase response rates has been taken in the form of providing the opportunity for industry members to review and contribute to the development of the survey tool. Industry members selected are all key participants in various aspects of the industry, to include geographically diverse locations within the fishery, diverse roles within the industry, as well as diverse knowledge of the fishery. Each industry member has been invited to continue to work with the study's principal investigator to discuss the best approach to reach study participants. Several of the industry members have already committed to serving as key informants, gate keepers, and primary contacts to many others in the industry. These individuals will assist in the communication of the research, will have access to literature about the study to be distributed to their constituents, and will assist researchers in the field to coordinate with study participants. The action of working with industry members and including them in the survey design and study and points of contact is expected to increase the response rate dramatically.

Second, communications with key people in the industry have indicated that many crew members and processing plant employees do not speak very good English. To accommodate this and to increase the response rates with these populations, the survey will be translated into Tagalog and Spanish.

Additional efforts to increase response rates include in-person survey administration whenever possible. It has been the experience of other research efforts that conducting the research in person and collecting completed surveys immediately, dramatically increases response rates (Russell and Schneidler 2013, Rea and Parker 1997, Robson 2002). In these in person surveys, researchers will be able to discuss the research with study participants, administer the surveys, be available to answer any questions, code the surveys for anonymity and confidentiality, and collect all the surveys upon completion.

In the event individuals are unavailable to meet in person, multiple options will be provided to study participants to participate in the research. In the event that in person surveys are not feasible for some respondents, hard copy surveys will be provided either in person or via the

mail and electronic versions will be available either for distribution via email or accessible over the internet. In the event of any mailing costs to return the survey, postage paid envelopes will be provided as appropriate. For individuals who are willing to work with us but don't want to fill out the survey, researchers will conduct an interview and complete the survey per the participants responses. For those who don't want to complete the entire survey, a section completion guide directs the participants as to which sections are most important to complete for the role the individual plays in the industry, limiting the sections the participant needs to complete. It is also clearly communicated that the individuals can stop their participation at any time, stop the completion of the survey at any time, or skip any questions of concern at any time, without any personal consequence.

In addition, the individuals participating in the research have the opportunity to communicate with the researcher and provide additional information that is of concern to them to be included in the data set.

Contact has also been made with other key members of NMFS, academia, and industry to better understand the study universe and to work together to collect a more complete data set. Communication with NMFS Alaska Regional Office, NMFS survey program personnel, NMFS Northwest Fisheries Science Center personnel, other NMFS field personnel, and NPFMC Personnel have been included in the collaborative efforts of this research. These efforts have increased the background knowledge available to the researchers, provided additional key informants and gate keepers to the industry, and have provided a communications network throughout the industry to conduct this research. This network of information available to the researchers will contribute to an increased response rate.

Non-respondents

To better understand why non-respondents did not return the survey and to determine if there are systematic differences between respondents and non-respondents, for those individuals who are not interested in the survey at all but are willing to participate in an interview, researchers will limit their data collection to interviews. If a participant is willing to give us only a few minutes of their time, we will ask the questions outlined in Sections A and B of the survey instrument. These sections are estimated to take approximately 5 minutes to complete. These responses will be used to analyze non-response bias.

Information collected from non-respondents will aid in improving the survey implementation and to correct for non-response bias where necessary (e.g., using the Heckman method).

4. Describe any tests of procedures or methods to be undertaken. Tests are encouraged as effective means to refine collections, but if ten or more test respondents are involved OMB must give prior approval.

A full review of the study description, the study methodology, and the survey instrument has been undertaken. NMFS personnel, NPFMC personnel, and other federal personnel have reviewed the survey tool and provided comments on both the survey tool and the study. As previously discussed in Question 3, key industry members were provided a description of the

research, discussed the research with the principal investigator, and reviewed the survey tool. Communication with reviewers is being maintained to 1) communicate changes to the survey tool as a result of the reviews, and 2) to lay the framework for the deployment of researchers into the field to conduct the research.

Information received from industry members and other NMFS personnel was found to be invaluable to the development and maintenance of the survey tool. As a result, updates of the survey tool were made to improve the tool. Their continued participation in this research is expected to contribute greatly to its success.

5. Provide the name and telephone number of individuals consulted on the statistical aspects of the design, and the name of the agency unit, contractor(s), grantee(s), or other person(s) who will actually collect and/or analyze the information for the agency.

The internal NMFS design, development, and review team including statistical analysis included: Amber Himes-Cornell, Social Scientist AFSC (206) 526-4221; Stephen Kasperski, Economist AFSC (206) 526-4727; Kristin Hoelting, Pacific States Marine Fisheries Commission researcher at the AFSC (206) 617-7548, Conor Maguire, Pacific States Marine Fisheries Commission researcher at the AFSC (206) 526-4286; and Dr. Suzanne Russell, social scientist NWFSC (206) 860-3274.

The primary individuals expected to collect the data include Amber Himes-Cornell, social scientist, principal investigator, AFSC, Mike Downs and Stephen Weidlich at AECOM (contracted to assist with implementation), and others to be identified. Individuals who are expected to analyze the data include Amber Himes-Cornell (206) 526-4221 and possible others yet to be identified.

Cited References

Babbie, E.R. 2007. "The practice of social research, 11th ed." Belmont, CA: Wadsworth.

Dunham, G., E. Uchida and H. Uchida. 2013. "The Effect of Fishery Management on Information Sharing Networks and Social Capital." Selected Paper prepared for presentation at the Agricultural & Applied Economics Association's 2013 AAEA & CAES Joint Annual Meeting, Washington, DC August 4-6, 2013.

Ecotrust Canada, 2001. *Catch-22, Conservation, Communities, and the Privatization of B.C. Fisheries*. Available on-line. Accessed February 2, 2010. http://www.ecotrust.ca/ocean/catch22.

Lowe, M.E., and C. Carothers, editors, 2008. *Enclosing the Fisheries: People, Places, and Power*. American Fisheries Society, Symposium 68, Bethesda, Maryland.

McCay, B. 1995. "Social and Ecological Implications of ITQs: An Overview." *Ocean & Coastal Management* 28(1-3):3-22.

National Research Council. 1999. *Share the Fish: Toward a National Policy on Individual Fishing Quotas*. National Academy Press. Washington D.C.

Palsson, G, and G. Petursdottir, editors. 1996. *Social Implications of Quota Systems in Fisheries.* Nordic Council of Ministers, Copenhagen.

Rea, L.M. and R.A. Parker, 1997. *Designing and Conduction Survey Research.* John Wiley & Sons, Inc. San Francisco, CA.

Robson, C., 2002. *Real World Research Second Edition.* Blackwell Publishing. Malden, MA

Russell, S.M. and M. Schneidler-Ruff. In prep. The U.S. Whale Watching Industry of Greater Puget Sound: A Description and Baseline Analysis. U.S. Dept. Commer., NOAA Tech. Memo. NMFS-NWFSC-12X.

Salant, P. and D. Dillman. 1994. *How to conduct your own survey*. New York: John Wiley & Sons.

Additional References

Adesoji, A, J. Menzo, and B. McCay. 1998. "Market Power, Industrial Organization and Tradeable Quotas" *Review of Industrial Organization* 13: 589-601.

Dewees, C.M. 1998. "Effects of Individual Quota Systems on New Zealand and British Columbia Fisheries." *Ecological Applications* 8 (1) Supplement: Ecosystem Management for Sustainable Marine Fisheries (Feb., 1998), S133-S138.

Government Accountability Office. 2004. *Individual Fishing Quotas: Methods for Community Protection and New Entry Require Periodic Evaluation.* GAO-04-277.

Huppert, D. 2005. "An Overview of Fishing Rights" *Reviews in Fish Biology and Fisheries* 15:201-215.

Pew Oceans Commission. 2003. *Socioeconomic Perspectives on Marine Fisheries in the United States.* Pew Oceans Commission, Arlington, VA.

Gulf of Alaska Groundfish Trawl Fishery Social Survey

Sponsored by:

NOAA Fisheries (National Marine Fisheries Service)

Alaska Fisheries Science Center

Economics and Social Science Research Program

Questions?

Please Contact Amber Himes-Cornell, AFSC Social Scientist

Phone: (206) 526-4221

Email: amber.himes@noaa.gov

OMB Control No.: 0648-_____ EXPIRATION DATE: _____

This survey is voluntary. ALL RESPONSES ARE CONFIDENTIAL

SURVEY INFORMATION

WHAT IS THE PURPOSE OF THE STUDY? This study aims to collect social and cultural information from those participating in all aspects of the Gulf of Alaska (GOA) Groundfish Trawl Fishery. The study will collect baseline data in 2014 to generate a description of the people in the industry before the approval and implementation of a substantial change in the management of the GOA Groundfish Trawl Fishery. After implementation we will repeat the study at various intervals. We can then compare the results from each study to update the baseline data on the industry, and better understand any changes or social impacts that have occurred in the industry. In addition to this survey, the North Pacific Fishery Management Council is expected to collect economic data about the fishery through an economic data collection program.

WHO IS CONDUCTING THIS STUDY? This study is being conducted by the Economics and Social Science Research Program (ESSRP) at the Alaska Fisheries Science Center (AFSC), National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA). The primary mission of the ESSRP is to provide economic and socio-cultural information that will assist NMFS in meeting its stewardship responsibilities. This means we study human society as it relates to marine resources, inclusive of commercial fishing.

HOW IS THIS STUDY FUNDED? This project is funded by the NMFS.

HOW WILL THIS STUDY BE USED? The information collected in this study will be used to understand the impacts of fishery management measures, and to inform fishery management in the future. The aggregated results of the survey will be publically available, but individual survey responses are confidential. It will also improve the NMFS' ability to analyze the impacts of fishery management actions on fishing communities, consistent with Magnuson-Stevens Fishery Conservation Act National Standard 8 and Executive Order 12898 – the Environmental Justice Initiative.

HOW IS THIS SURVEY ORGANIZED? The survey is organized into seven parts; demographics, individual participation, connections, catch share perspectives, a section for fishermen/harvesters, a section for tenders and processors, and a section for processing plant employees. The questions allow us to better understand all of the components of the fishery, how they function, and are connected.

WHO DOES THIS STUDY INCLUDE? This study includes fishermen, vessel owners, vessel operators, groundfish license limitation program license holders, crew aboard groundfish vessels, catcher-processor operations, shoreside processors, inshore floating processors, processing crews from all types of processors, tender operations, and other individuals who are stakeholders in the GOA Groundfish Trawl fishery such as industry suppliers, and support businesses.

HOW LONG WILL IT TAKE? This survey takes most people an hour to complete.

ARE MY ANSWERS CONFIDENTIAL? This is a confidential survey. Analysis of the survey results will be anonymous. Some of the information will be aggregated as well. Information in this survey will be subject to the confidentiality requirements of the National Marine Fisheries Service per MSA Sec. 402(b) and the NOAA Administrative Order NAO 216-100, and will not be provided or presented in any way as to identify individual respondents. Please see next page for more information.

DO I HAVE TO PARTICIPATE? Your participation and input is **VERY** important and will help us to better understand the unique opportunities and challenges of this fishery and its impact on your community. However, this is a **voluntary** survey and you may choose to skip any question or end at any point in the survey.

HOW WAS MY NAME OBTAINED? Depending on your role in the industry, your name was obtained through ownership of a vessel, websites, through your employer, or through third party referrals.

Thank you for your participation!

Please contact Amber Himes-Cornell, AFSC Social Scientist for more information.

Contact information: amber.himes@noaa.gov, or by phone: (206) 526-4221

Filled out by survey administrator

Code number: _____ Name of survey administrator: _____

Survey Location: _____ Date: _____

Research Community:_____Trawl/Fixed/Other_____

Notes: _____

SURVEY INSTRUCTIONS

All answers given in this survey should reflect *YOUR OWN* perception of the commercial fishing industry based on your personal experience and knowledge.

- Please ask questions at any time. Feel free to ask the researcher who is working with you or contact Amber Himes-Cornell at amber.himes@noaa.gov or (206) 526-4221.
- Please follow directions carefully.
- Please **DO NOT** write your name anywhere on this survey, only on the blue form provided.
- Please mark one answer per question unless otherwise specified. Please write clearly.
- If you are unable to answer the question or it does not apply to you, please make sure to select the '*do not know*' or '*NOT APPLICABLE*' box from the options provided.
- If you chose to ***not*** answer a question for any reason, please write a notation next to the question in the margin if an appropriate option (ex. NOT APPLICABLE) is not provided in the question.
- Please mark boxes clearly.

☒ In electronic survey versions, check boxes can be selected and unselected with a click of the mouse.

☒ If you mark an answer incorrectly, please draw a horizontal line through the incorrect answer and check the correct answer.

THANK YOU FOR YOUR TIME AND PARTICIPATION

EXPLANATION OF CONFIDENTIALITY

The information you provide will be kept confidential to the extent possible per the Magnuson-Stevens Fishery Conservation and Management Act (as amended) Sec 402(b) and NOAA Administrative Order NAO 216-100, Protection of Confidential Fisheries Statistics. In addition, in the event of a Freedom of Information Act (FOIA) request, we will protect the confidentiality to the extent possible under the Exemption 4 of the FOIA. To support the confidentiality of this research the following processes are in place:

- Your name will not be included on the survey document. It will be tracked in an alternate document to reduce duplication, to account for your participation in the survey, and code your name as needed for the data analysis. Access to this document will be limited to researchers working on this study and protected via confidentiality agreements.
- All personal names provided on the survey document as answers to questions, will be viewed only by the study researchers. The names will either be coded with a descriptor such as 'X Community Fisherman' or assigned a code such as 'A1' as an identifier. The type of code that will be applied to the data for each applicable question may vary based on the question itself or the associated analysis of question.
- As researchers write final reports and publish the findings of this research, your responses will be combined with responses from other participants so that no single individual may be identified.

Section Completion Guide

Please see the following table for guidance on which survey sections to complete. Anyone can complete any of the survey sections; this information is simply provided for your assistance.

■ = Please complete all sections that are marked with this symbol
□ = Sections marked with this symbol are optional based on your knowledge of the subject.

	Sections						
Industry Role	A	B	C	D	E	F	G
Fisherman	■	■	■	■	■		
At-sea catcher processor plant manager and/or operator	■	■	■	■	■	■	
At-sea catcher processor employee – fisherman	■	■	■	■	■		
At-sea catcher processor employee – processing role	■	■	■	□		□	■
At-sea catcher processor employee – other role	■	■	■	□			■
Shoreside or floating processor plant manager and/or operator	■	■	■	■		■	
Shoreside or floating processor employee	■	■	■	□		□	■
Tender owner and/or operator	■	■	■	■		■	
Industry supplier of goods or services	■	■	■	□			
Other business operations	■	■	■	□			

For further clarification, the following table is provided to define the terms used in the table above.

Industry Role	Description
Fisherman	Groundfish License Limitation Program License Holders Vessel Owners Captains/Operators Crew
Shoreside Processor	Those working for processors permanently fixed on land or stationary floating processors.
Industry Supplier of Goods or Services	Net suppliers, gear suppliers, equipment suppliers, fuel, shipyards, various repair services, etc.
Tender	Tender owners, operators, and crew members.
Other Business Operations	Any individual who participates in other activities that provide services or other support utilized by fishery participants, such as harbormasters, accounting, business management, etc., but does not clearly fall into the other roles identified. For example: a business partner who may not be an owner.

SURVEY DEFINITIONS

The following definitions are for the application of this survey only. Where possible, these definitions have been

derived from definitions found in associated fishery management documents[1].

AT-SEA PROCESSOR (At-sea operation): A catcher/processor or mothership that is receiving and/or processing fish in State waters and/or waters of the EEZ off the coast of Alaska.

BYCATCH: The term "bycatch" is defined in the Magnuson-Stevens Fishery Conservation and Management Act (MSA) as fish which are harvested in a fishery, but which are not sold or kept for personal use. Bycatch includes economic discards and regulatory discards, but does not include fish released under a recreational catch and release program.

CATCH SHARE PROGRAM: Not defined in the MSA. A generic term used to describe fishery management programs that allocate a specific percentage of the total allowable fishery catch or a specific fishing area to individuals, cooperatives, communities, or other entities. Each recipient of a catch share is directly accountable to stop fishing when its exclusive allocation is reached. Examples of catch share programs defined in statute include the Limited Access Privilege Program (LAPP), Individual Fishing Quotas (IFQ) such as the halibut and sablefish IFQ program and the Central Gulf of Alaska Rockfish Program, and Territorial Use Rights Fisheries (TURFs) that grant an exclusive privilege to fish in a geographically designated fishing ground.[2] The North Pacific Fishery Management Council's (NPFMC) proposed Gulf of Alaska Trawl Bycatch Management Plan may be considered a catch share program if target species quota, bycatch species quota, or prohibited species catch quota is allocated to individuals, cooperatives, communities, or other entities.

COMMERCIAL FISHING: The resulting catch of fish which either is, or is intended to be, sold or bartered, but does not include subsistence fishing.

GULF OF ALASKA (GOA) TRAWL GROUNDFISH: GOA groundfish Fisheries Management Plan (FMP) species caught using pelagic or non-pelagic trawl gear in the GOA region off Alaska.[3]

GULF OF ALASKA (GOA) NON-TRAWL GROUNDFISH: GOA groundfish FMP species caught using any other gear except pelagic or non-pelagic trawl gear in the Gulf of Alaska region off Alaska.

LICENSE HOLDER: A person who is named on a currently valid groundfish Federal License Limitation Program (LLP) license, crab species LLP license, or scallop LLP license.

OWNER OF A VESSEL OR VESSEL OWNER: A person identified as the current owner in the Certificate of Documentation (CG–1270) issued by the United States Coast Guard (USCG) for a documented vessel, or in a registration certificate issued by a state or the USCG for an undocumented vessel.

PARTICIPANT'S SPOUSE/PARTNER: The partner or spouse of an individual engaged in any aspect of fishing or processing of GOA trawl-caught groundfish.

STATIONARY FLOATING PROCESSOR (SFP): (1) A vessel of the United States operating as a processor in Alaska State waters that remains anchored or otherwise remains stationary in a single geographic location while receiving or processing groundfish harvested in the GOA or Bering Sea and Aleutian Islands (BSAI); and (2) In the Western and Central GOA Federal reporting areas 610, 620, or 630, a vessel that has not operated as a catcher/processor, Community Quota Entity floating processor, or mothership in the GOA during the same fishing year; however, an SFP can operate as catcher/processor or mothership in the BSAI and an SFP in the Western and Central GOA during the same fishing year.

SHORESIDE PROCESSOR: Any person or vessel that receives, purchases, or arranges to purchase, unprocessed groundfish, except catcher/processors, motherships, buying stations, restaurants, or persons receiving groundfish for personal consumption or bait.

TENDER: Any vessel that receives unprocessed fish from a vessel for trans-shipping or delivery to a shoreside processor or mothership and that does not process those fish.

---

[1] Source: Federal Fishing Regulations. Fisheries of the Exclusive Economic Zone Off Alaska. 50 CFR 679.2 Definitions, accessed 08/26/2013: http://alaskafisheries.noaa.gov/regs/part679_all.pdf.

[2] Source: NOAA Catch Shares Policy. NOAA Fisheries Catch Share Policy, accessed 6/12/2012: http://www.nmfs.noaa.gov/sfa/domes_fish/catchshare/docs/noaa_cs_policy.pdf

[3] For a full list of species included in the Gulf of Alaska Fisheries Management Plan (FMP), see the FMP located online here: http://alaskafisheries.noaa.gov/npfmc/PDFdocuments/fmp/GOA/GOAfmp613.pdf.

Section A: DEMOGRAPHIC INFORMATION

Demographic questions help us to better understand the unique characteristics of people. They are standard questions in social science and can be compared to the U.S. Census data to better describe a specific population such as fishermen.

A1 What is your gender?

- ❑ Male
- ❑ Female

A2 How old are you?

YEARS: [ ]

A3 What is the highest level of education you have attained?

- ❑ Elementary or some secondary education
- ❑ High school diploma or equivalent
- ❑ Some college or vocational, no degree
- ❑ Associates degree
- ❑ Bachelor's degree
- ❑ Graduate or professional degree

A4 Are you Hispanic or Latino?

- ❑ **Yes,** Hispanic or Latino
- ❑ **No,** Not Hispanic or Latino

A5 What is your race? *Please mark all that apply.*

- ❑ American Indian or Alaska Native
- ❑ Asian (including the Philippines)
- ❑ Black or African American
- ❑ Native Hawaiian or Other Pacific Islander
- ❑ White/Caucasian
- ❑ Other (Specify) _____

A6 What is your ancestry (ethnic origin)? *Please mark all that apply.*

- ❑ Aleut
- ❑ American Indian
- ❑ Athabaskan
- ❑ Chinese
- ❑ English
- ❑ Eyak
- ❑ Other (Specify) _____
- ❑ Filipino
- ❑ German
- ❑ Haida
- ❑ Inupiaq
- ❑ Italian
- ❑ Japanese
- ❑ Korean
- ❑ Mexican
- ❑ Norwegian
- ❑ Portuguese
- ❑ Russian
- ❑ Scottish
- ❑ Tlingit
- ❑ Tsimshian
- ❑ Vietnamese
- ❑ Yup'ik

A7 What is your current marital status?

- ❑ Single
- ❑ Married ➡ **Go to A7a**
- ❑ Partner
- ❑ Divorced
- ❑ Widowed
- ❑ Other (Specify): _____

A7a If married, does your spouse participate in any aspect of the commercial fishing industry?

- ❑ Yes
- ❑ No

Section A: DEMOGRAPHIC INFORMATION Cont'd

A8 What best describes your living arrangements?

- ❑ I live in a housing unit by myself or with others. ➡ **Go to A9a and A9b**
  (*U.S. Census Bureau defines a 'housing unit' as a house, an apartment, a mobile home, a group of rooms or a single room that is occupied - or, if vacant, intended for occupancy - as separate living quarters.*[4])
- ❑ I live in group housing provided by a processing plant. ➡ **Go to A10**
- ❑ Other. ➡ **Go to A10**

A9a How many people live in your household (including yourself)?
(U.S. Census Bureau defines a 'household' as all the people related and unrelated that occupy a housing unit.[5])

NUMBER: [ ] ❑

A9b What best describes your relationship to the housing unit and any others living in it?
Please mark all that apply.

- ❑ I own the residence.
- ❑ I rent the residence.
- ❑ I live with relatives at the unit.
- ❑ Other (please specify) _____

A10 What percentage of your combined family income comes from your participation in commercial fishing or processing activities? *(Include both GOA trawl groundfish and other fisheries.)*

- ❑ 0-10% of combined family income.
- ❑ 10-25% of combined family income.
- ❑ 25-50% of combined family income.
- ❑ 50-75% of combined family income.
- ❑ 75-100% of combined family income.
- ❑ I prefer not to answer this question.

A11 How are you paid for your work in the commercial fishing industry? *Please mark all that apply.*

- ❑ By trip
- ❑ By percentage of value of catch
- ❑ By days at sea
- ❑ Other (Specify)_____
- ❑ Hourly
- ❑ Salary
- ❑ Owner Share

A12 Please indicate your permanent residence (where you are registered to vote and/or receive important mail) and your most current residence (where you currently live), if different.

	City/Town	State	Zip Code	Country
Permanent Residence:				
Current Residence (if different):				

A12a How long have you lived at your current and permanent residences?

	Years	Months
Current residence:		
Permanent residence (if different from current residence):		

[4] U.S. Census Current Population Survey Definitions U.S. Census Definitions, accessed 10/28/2013.
[5] Ibid.

Section B: INDIVIDUAL PARTICIPATION

Questions in this section help us better understand additional characteristics of the people in the industry, beyond the demographic information provided in the previous section. In this section, we want to better understand how you participate in commercial fishing or processing.

B1 Please indicate your role and any role your spouse/partner may have in any aspect of the commercial fishing industry. *Please mark all that apply.*
** Please complete this question from your perspective not your spouse's/partner's.*

Self	Spouse/ Partner	Role/Description
❑	❑	Groundfish LLP license holder
❑	❑	Catcher vessel owner
❑	❑	Catcher vessel co-owner
❑	❑	Catcher vessel captain/operator
❑	❑	Fishing crew
❑	❑	Non-fishing vessel crew
❑	❑	At-sea catcher processor plant manager or operator
❑	❑	At-sea catcher processor employee – fisherman
❑	❑	At-sea catcher processor employee – processing role
❑	❑	At-sea catcher processor employee – other role
❑	❑	Tender owner, operator, or crew
❑	❑	Shoreside processor plant manager or operator
❑	❑	Shoreside processor employee
❑	❑	Participant's spouse/partner
❑	❑	Cooperative manager
❑	❑	Stakeholder representative/policy advocate
❑	❑	Industry Supplier/Service Provider (Nets, Fuel, Shipyard, etc.)
❑	❑	Business Operations (accounting, law, etc.)
❑	❑	Other (Specify): _____
❑	❑	NOT APPLICABLE

B2 Has your family (*not your spouse's family*) historically participated in any commercial fishing or processing activities? (Including yourself)

❑ Yes ➡ **Go to B2a**

❑ No ➡ **Go to B3**

B2a For how many generations has your family (*not your spouse's family*) participated in any commercial fishing or processing activities? (Including yourself)

[ ]

❑ NOT APPLICABLE

B3 How old were you when you started to work in any commercial fishing or processing activities?

[ ]

❑ NOT APPLICABLE

B4 For how many total years have you worked in any commercial fishing or processing activities?

[ ]

❑ NOT APPLICABLE

B5 How many total years have you worked in the Gulf of Alaska groundfish trawl fishery? *Processing workers, specify the number of years you have worked in a facility that processes groundfish from the GOA trawl fishery.*

[ ]

❑ NOT APPLICABLE

Section B: INDIVIDUAL PARTICIPATION Cont'd

B6 Please list the top 5 cities/towns/harbors where you fish out of (if you work on a vessel) and/or where the processing facility(ies) you work at are located. For each city/town/harbor, please indicate whether you participate in the Gulf of Alaska (GOA) groundfish trawl fishery when working there.

City/Town/Harbor	State	GOA Groundfish Trawl (Yes/No)
		❑ Yes ❑ No
		❑ Yes ❑ No
		❑ Yes ❑ No
		❑ Yes ❑ No
		❑ Yes ❑ No

❑ NOT APPLICABLE

B7 Please indicate your level of employment for each category indicated below. For businesses, please indicate how your employees spend their time. *Please mark all that apply*. For seasonal or part time involvement, please also indicate how many months of the year you work in each category, or for businesses, what share of income is derived from each category. *(NOTE: We understand fishermen don't work on an hourly basis. Please select the option that best represents your situation.)*

	GOA Groundfish Trawl Fishery	GOA Groundfish Non-Trawl Fishery	All Other Fisheries	Processing Plant	Non-Fishing
Year round full-time (40 hours/week or more)					
Year round part-time (less than 40 hours/week)					
Seasonal full-time (part of the year 40 hours/week or more)					
Seasonal part-time (part of the year less than 40 hours/week)					
Self-employed (in business for yourself, etc.).					
Other (Specify)					

❑ NOT APPLICABLE

B8 What level of employment would you prefer?	GOA Groundfish Trawl Fishery	GOA Groundfish Non-Trawl Fishery	All Other Fisheries	Processing Plant	Non-Fishing
Year round full-time (40 hours/week or more)					
Year round part-time (less than 40 hours/week)					
Seasonal full-time (part of the year 40 hours/week or more)					
Seasonal part-time (part of the year less than 40 hours/week)					
Self-employed (in business for yourself, etc.).					
Other (Specify)					

❑ NOT APPLICABLE

Section B: INDIVIDUAL PARTICIPATION Cont'd

B9 Do you work multiple jobs? (In any combination of fishing, processing, or non-fishing related)

- ❑ Yes, multiple part-time jobs
- ❑ Yes, multiple full-time jobs
- ❑ Yes, both full and part-time jobs
- ❑ No, I work only one job.

B10 Do you maintain a job outside the commercial fishing or processing industry?

- ❑ Yes ➡ **Go to B10a and B10b**
- ❑ No ➡ **Go to B11**

B10a Please list any jobs you have outside the commercial fishing or processing industries.

Job description	City/Town/Harbor	State

B10b Please explain why you work outside the commercial fishing or processing industries.
For example: supplement income, personal interest, fishery only open seasonally, etc.

B11 How would you rate the following items in your role in the commercial fishing or processing industries? *Circle a number rating for each element.*

Description	Poor	Fair	Good	Excellent
Job satisfaction	❑	❑	❑	❑
Compensation/Pay (Amount)	❑	❑	❑	❑
Method of Compensation/Pay (How you are paid)	❑	❑	❑	❑
Job Stability	❑	❑	❑	❑
Standard of Living	❑	❑	❑	❑
Relationship with co-workers	❑	❑	❑	❑

B11a What would contribute to improving the above (B10) conditions? Please indicate how each item may be improved. *For example: Standard of Living would improve with increased income.*

Job satisfaction	
Compensation/Pay (Amount)	
Method of Compensation/Pay (How you are paid)	
Job Stability	
Standard of Living	
Relationship with co-workers	

END Section B: INDIVIDUAL PARTICIPATION

Section C: CONNECTIONS

Questions in this section help us understand how people in the industry are connected, how information and resources flow, and identify important resources to fishermen.

C1 Who do you depend on for information about fisheries management? Please list the role or occupation of people and associated companies and/or organizations. *Please list the first 5 that come to mind*. Personal names will be coded to protect identity, see page ii.
For example: changes in regulations, fishery, area, or gear closures, observer requirements, etc.

Role/Organization	Type of Information	City/Town/Harbor

❑ NOT APPLICABLE

C2 Who do you depend on for other everyday information to assist you in your work in the commercial fishing and/or processing industries? Please list the role or occupation of people and associated companies and/or organizations that provide the information. *Please list the first 5 that come to mind*.
Personal names will be coded to protect identity, see page ii.
For example: status of fishing grounds, weather, etc.

Role/Organization	Type of Information	City/Town/Harbor

❑ NOT APPLICABLE

C3 Who do you depend on for equipment and supplies you utilize while working in the commercial fishing or processing industry? Please list first and last names of people, companies, and/or organizations that provide that equipment and supplies. *Please list the first 5 that come to mind.*
Personal names will be coded to protect identity, see page ii.
For example: net suppliers, fuel, bait, vessel parts, etc.

Name/Organization	Type of Equipment or Supply	City/Town/Harbor

❑ NOT APPLICABLE

Section C: CONNECTIONS Cont'd

C4 Who do you depend on for services you utilize while working in the commercial fishing or processing industry? Include where the service is located. Please list first and last names of people, companies, and/or organizations that provide those services. ***Please list the first 5 that come to mind.*** Personal names will be coded to protect identity, see page ii.
For example shipyards, equipment repairs, financial advice, accounting, legal, etc.

Name/Organization	Type of Service	City/Town/Harbor

❑ NOT APPLICABLE

C5 How do you get information related to your work in the fishery? *Select all that apply.*

- ❑ Telephone/Cell Phone
- ❑ Radio
- ❑ Verbal/Word of Mouth
- ❑ Internet
- ❑ ADF&G website
- ❑ Fishing organizations
- ❑ NMFS website
- ❑ Social Networking Sites (Facebook, Twitter, etc.)
- ❑ Print Media (Newspaper, Magazines, Newsletters)
- ❑ Processing Plant Shift Manager
- ❑ Bulletin Board at Processing Plant
- ❑ Other (Specify): _____
- ❑ NOT APPLICABLE

C6 Please list any organizations or associations you are a member of that relate(s) to your participation in any aspect of the commercial fishing or processing industries.

❑ NOT APPLICABLE

END Section C: CONNECTIONS

Section D: GULF OF ALASKA GROUNDFISH TRAWL MANAGEMENT PERSPECTIVES

Questions in this section will help us understand your ideas and opinions about how best to structure any new bycatch management or catch share program for the Gulf of Alaska groundfish trawl fishery.

D1 How do you participate in the North Pacific Fishery Management Council process? *Please mark all that apply.*

- ❑ Attend Council meetings in person
- ❑ Listen to Council meetings via the web
- ❑ Provide written public testimony
- ❑ Provide oral public testimony
- ❑ Provide written comments
- ❑ Read the Council's newsletter
- ❑ I do not participate in the Council process at all.
- ❑ Other (Specify): _____

D2 Please rate how well informed you are in the discussions about developing a bycatch management program for the Gulf of Alaska groundfish trawl fishery.

❑ Highly informed ❑ Reasonably informed ❑ Somewhat informed ❑ Not informed

D3 Please indicate your plans *over the next 5 years* for participation in the fishing industry sectors described below. *Please mark all that apply*.

- ❑ Keep current activity levels in the GOA groundfish trawl fishery
- ❑ Increase current activity levels in the GOA groundfish trawl fishery
- ❑ Decrease current activity levels in the GOA groundfish trawl fishery
- ❑ Exit the GOA groundfish trawl fishery
- ❑ I do not know
- ❑ NOT APPLICABLE
- ❑ Keep current activity levels in all other fisheries
- ❑ Increase current activity levels in all other fisheries
- ❑ Decrease current activity levels in all other fisheries
- ❑ Exit some but not all other fisheries
- ❑ Exit all other fisheries
- ❑ Other (Specify):

D4 Do you support the development of a bycatch management program for the GOA Groundfish Trawl fishery that includes a catch share element where harvest (or bycatch) privileges are allocated to individuals, cooperatives, or communities? *Please mark all that apply*.

- ❑ Yes: To Individuals
- ❑ Yes: To Cooperatives
- ❑ Yes: To Communities
- ❑ No: I do not support catch shares
- ❑ I do not know
- ❑ Other (Specify):

Section D: GULF OF ALASKA GROUNDFISH TRAWL MANAGEMENT PERSPECTIVES Cont'd

D5 Please select the reasons for your response in the previous question (D4). What do you think a bycatch management or catch share program would change in the Gulf of Alaska groundfish trawl fishery?
Please mark all that apply.

❑	More stable jobs	❑	Fewer jobs
❑	Increase in income	❑	Decrease in income
❑	More stable income	❑	Less stable income
❑	Increase in safety	❑	Decrease in safety
❑	Increase in business flexibility	❑	Management program difficult to understand
❑	Increase in competition among processors	❑	Increased cost to enter fishery and purchase quota
❑	Increase in market value	❑	Increased cost to remain in the fishery
❑	Increase in product quality	❑	Changes the structure of processing employment
❑	Increase cooperation between vessels	❑	Reduce cooperation between vessels
❑	Increase in secondary processing	❑	Processors leave the community and negatively impact the community
❑	Longer fishing seasons and eliminating the race for fish	❑	Vessels leave the fishery and negatively impact the community
❑	Increased flexibility in PSC (prohibited species catch, for example halibut and salmon) use	❑	Implicitly condones retaining PSC (prohibited species catch)
❑	Reduced bycatch	❑	Large vessels enter other fisheries with traditionally smaller vessels
❑	More businesses and better community infrastructure	❑	Loss of businesses and community infrastructure
❑	More stable delivery schedule	❑	Have to travel further to deliver catch to distant processors
❑	Decrease in processing costs	❑	Increased cost for raw product
❑	Increase access to markets for fishermen	❑	Impacts small vessels/small businesses (negatively)
❑	Benefits business planning	❑	Forces a shift to other fisheries
❑	Crew members can become owners	❑	Crew members are negatively affected
❑	Increase in observer coverage	❑	Increase the expense associated with the observer program
❑	Increase individual vessel accountability	❑	Decrease individual vessel accountability
❑	Greater incentive for gear innovation	❑	Smaller incentive for gear innovation
❑	Rewards vessels that have a history of low prohibited species catch (PSC)	❑	Rewards vessels that have a history of high prohibited species catch (PSC)
❑	Increase in bargaining power for fishermen	❑	Decrease in bargaining power for fishermen
❑	Increase in bargaining power for processors	❑	Decrease in bargaining power for processors
❑	Other (Specify):		

Section D: GULF OF ALASKA GROUNDFISH TRAWL MANAGEMENT PERSPECTIVES Cont'd

D6 Please rate how much you agree or disagree with each of the following possible elements of a bycatch management or catch share program for the Gulf of Alaska groundfish trawl fishery. *Check only* ***one*** *rating for each element.*

Possible program elements	Strongly oppose	Somewhat oppose	Neutral	Somewhat favor	Strongly favor
The program should be an individual fishing quota (IFQ) program.	❑	❑	❑	❑	❑
The program should be a cooperatives only program.	❑	❑	❑	❑	❑
The program should include a combination of IFQ and cooperatives	❑	❑	❑	❑	❑
The program should allocate quota to communities only.	❑	❑	❑	❑	❑
The program should allocate a portion of the total quota pool to communities.	❑	❑	❑	❑	❑
There should be a limit on the duration of privileges (e.g., certain number of years).	❑	❑	❑	❑	❑
The western and central GOA trawl fisheries should be combined in one program.	❑	❑	❑	❑	❑
The western and central GOA trawl fisheries should be managed separately.	❑	❑	❑	❑	❑
The Council should keep a set-aside (percentage of the TAC) for conservation, communities, and/or economic hardship.	❑	❑	❑	❑	❑

The program should …	Strongly oppose	Somewhat oppose	Neutral	Somewhat favor	Strongly favor
Include active participation requirements (e.g., owner on board)	❑	❑	❑	❑	❑
Include Skipper/crew shares	❑	❑	❑	❑	❑
Include processing quota that has to be matched with harvesting quota	❑	❑	❑	❑	❑
Include processing worker quota share	❑	❑	❑	❑	❑
Include caps on annual quota pound lease rates	❑	❑	❑	❑	❑
Include longline and pot gears	❑	❑	❑	❑	❑
Include sideboards in other non-catch share fisheries	❑	❑	❑	❑	❑
Only allocate PSC (prohibited species catch) quota shares	❑	❑	❑	❑	❑
Allocate quota shares based on catch history	❑	❑	❑	❑	❑
Allocate quota shares based on years of experience in the fishery	❑	❑	❑	❑	❑
Allocate quota shares based on investment	❑	❑	❑	❑	❑
Allocate quota share based on bycatch or (PSC) history	❑	❑	❑	❑	❑
Quota shares should be auctioned	❑	❑	❑	❑	❑
Annual quota pounds should be auctioned	❑	❑	❑	❑	❑
Allow quota shares to be freely transferable	❑	❑	❑	❑	❑
Allow the selling of quota shares the first two years of the program	❑	❑	❑	❑	❑
Allow the leasing of annual quota pounds the first two years of the program	❑	❑	❑	❑	❑
Allow catcher/processors to purchase quota from catcher vessels	❑	❑	❑	❑	❑
Include cost recovery up to 3% of landings value	❑	❑	❑	❑	❑

END Section D: GULF OF ALASKA GROUNDFISH TRAWL MANAGEMENT PERSPECTIVES

Section E: FISHERMEN

Questions in this section are specifically for fishermen. Information gathered will help us understand how fishermen are connected to each other and to processors, how fishermen move between the groundfish fishery and other fisheries, the relationships among people they work with, and what happens to fish after it's caught.

Part 1: The first 10 questions in Section E relate to your participation in ALL fisheries, including the GOA Groundfish Trawl Fishery.

E1 Please *rank*, in order of importance, which fisheries you participate in on a regular basis (1 being the most important). BSAI: Bering Sea/Aleutian Island, GOA: Gulf of Alaska.

Rank	North Pacific Fisheries
	GOA groundfish - trawl
	GOA groundfish - fixed gear
	CGOA rockfish program
	Other GOA rockfish
	Sablefish/halibut IFQ
	Salmon
	GOA Tanner crab
	Dungeness crab
	BSAI King and Tanner crab
	BSAI pollock
	BSAI non-pollock Groundfish
	Scallop
	Other (Specify):

Rank	Pacific Coast Fisheries
	Pacific whiting
	Non-whiting groundfish - trawl
	Non-sablefish groundfish - fixed gear
	Sablefish
	Salmon
	Pacific halibut
	Dungeness crab
	Shrimp
	Highly Migratory Species *(For example: Tunas, Billfish/Swordfish, Sharks, Dorado, etc.)*
	Coastal Pelagic Species *(For example: Pacific sardine, Pacific mackerel, jack mackerel, northern anchovy, market squid, etc.)*
	Other (Specify):

E2 What are the most common species you have commercially fished in the last 5 years? *Please mark all that apply*.

Flatfish
- ❑ Shallow flatfish/Rock sole
- ❑ Yellowfin sole
- ❑ Arrowtooth flounder
- ❑ Kamchatka flounder
- ❑ Rex sole
- ❑ Flathead sole
- ❑ Alaska plaice
- ❑ Greenland turbot
- ❑ Deep flatfish
- ❑ Halibut
- ❑ Other flatfish

Sharks and Skates
- ❑ Big skates
- ❑ Longnose skates
- ❑ Other skates
- ❑ Spiny dogfish

Rockfish
- ❑ Pacific ocean perch
- ❑ Dusky rockfish
- ❑ Northern rockfish
- ❑ Shortraker/rougheye rockfish
- ❑ Thornyhead rockfish
- ❑ Other rockfish

Shellfish/Molluscs
- ❑ King crab
- ❑ Snow (opilio) crab
- ❑ Tanner (bairdi) crab
- ❑ Dungeness crab
- ❑ Scallops
- ❑ Shrimp
- ❑ Squid
- ❑ Octopus

Roundfish
- ❑ Pollock
- ❑ Pacific cod
- ❑ Sablefish
- ❑ Atka mackerel
- ❑ Pacific whiting
- ❑ Lingcod

Other
- ❑ Tuna
- ❑ Pacific coast trawl non-whiting groundfish
- ❑ Salmon
- ❑ Herring
- ❑ Other (Specify):

Section E: FISHERMEN Continued

E3 Have you changed the species you have targeted within the last 5 years?

❑ Yes ➡ **Go to E3a** ❑ No ➡ **Go to E4** ❑ NOT APPLICABLE ➡ **Go to E4**

E3a Why have you changed the species you target?

❑ NOT APPLICABLE

E4 What gear(s) have you fished with in the last 5 years? *Please mark all that apply*.

❑ Pelagic trawl	❑ Dredge	❑ Beach seine
❑ Non-pelagic trawl	❑ Mechanical jig	❑ Purse seine
❑ Longline	❑ Drift gillnet	❑ Dredge
❑ Pot gear	❑ Set gillnet	❑ Herring gillnet
❑ Diving gear	❑ Hand line/jig/troll	

❑ Other(s) (Specify):

E5 Referring to your answers in E1, which of the fisheries you listed do you plan to CONTINUE participating in over the next 5 years? *(Please be sure to include the GOA Groundfish Trawl Fishery if applicable.)*

1)

2)

3)

4)

5)

❑ NONE ❑ NOT APPLICABLE

E6 Also referring to your answers in E1, which of the fisheries you listed do you plan to STOP participating in within the next 5 years? ➡ Go to E6a and E6b *(Please be sure to include the GOA Groundfish Trawl Fishery if applicable.)*

1)

2)

3)

4)

5)

❑ NONE ➡ **Go to E7** ❑ NOT APPLICABLE ➡ **Go to E7**

Section E: FISHERMEN Continued

E6a If you stated that you plan to STOP participating in the GOA groundfish trawl fishery in E6, please describe why you do not plan on continuing fishing in the GOA groundfish trawl fishery.

❑ NOT APPLICABLE

E6b For all other fisheries that you do not plan to continue fishing in over the next 5 years, please list the fisheries and describe why you do not plan on continuing fishing in those fisheries.

❑ NOT APPLICABLE

E7 Again referring to the list of fisheries in E1, are there any fisheries you intend to begin participating in within the next 5 years that you did not participate in the last 5 years?

❑ Yes ➡ **Go to E7a**

❑ No ➡ **Go to E8**

❑ NOT APPLICABLE ➡ **Go to E8**

E7a Please list any fisheries you plan to begin participating in within the next 5 years that you have not participated in during the last 5 years:

1)

2)

3)

4)

E8 Of the vessel(s) you commercially fish on, what is your relationship to others on the vessel(s)?
Note: Please include LLP license holders or owners not on board. Please mark all that apply.

❑ Related to at least one individual – Family

❑ All on vessel are family members

❑ Business Partners

❑ Friends

❑ Other (Specify):

Section E: FISHERMEN Continued

E9 Approximately how many people work with you on the most recent GOA groundfish trawl vessel you fished on? Please include yourself in the number.

NUMBER ☐

E10 Please complete the following table to help us understand more about the vessels you have owned and/or fished on *in the last 5 years*.

Own: Please check the box if you own or co-own the vessel listed.
Fished On: Please check the box if you have personally fished on the vessel listed.
Mooring Port(s): Please tell us the port(s) where the vessel most frequently moors (this may be different than where the vessel lands catch).
Trawl Participant: Please check whether or not the vessel actively participates in the GOA Groundfish Trawl Fishery, even if you are not onboard during that fishery.
Other Fisheries: Please list all the other fisheries the vessel(s) actively participates in. Please include both Alaska and West Coast Fisheries.
Do Not Know: If you do not know a piece of information please indicate Do Not Know in the corresponding space in the table.

☐ NOT APPLICABLE

No.	Own	Fished On	Vessel Name	Mooring Port(s)	Trawl Participant		Other Fisheries
Example	☒	☒	*Wandering Seas*	*Sand Point, AK*	☒ Y	☐ N	*BSAI Crab*
1	☐	☐			☐ Y	☐ N	
2	☐	☐			☐ Y	☐ N	
3	☐	☐			☐ Y	☐ N	
4	☐	☐			☐ Y	☐ N	
5	☐	☐			☐ Y	☐ N	
6	☐	☐			☐ Y	☐ N	
7	☐	☐			☐ Y	☐ N	
8	☐	☐			☐ Y	☐ N	

Section E: FISHERMEN Continued

Part 2: Questions E11 through E18 in Section E relate to your participation in the GOA groundfish trawl fishery only.

E11 Do you typically work with the same people in the GOA groundfish trawl fishery year after year? *Please mark all that apply.*

- ❑ Yes, same crew
- ❑ Yes, same group of vessels
- ❑ No, I do not typically work with the same people each year
- ❑ Yes, the same processor
- ❑ Yes, the same service businesses
- ❑ NOT APPLICABLE

E12 Please rate the quality of your relationships with the following people on the most recent groundfish trawl fishery vessel you have fished on or owned. Your answer to this question will help us to understand whether well-being and job satisfaction changes with the implementation of new management programs. *All of your responses will be kept confidential.*

Individual	Negative	Neutral	Positive	Self/NOT APPLICABLE
Vessel Owner	❑	❑	❑	❑
Captain/Operator	❑	❑	❑	❑
Crew	❑	❑	❑	❑
Observer	❑	❑	❑	❑
Other (Specify):	❑	❑	❑	❑

E13 To whom do you sell your GOA trawl-caught groundfish? Please consider the vessel you most recently fished on or owned when answering this question. Please list business(es) you sold to.

❑ I do not know ❑ NOT APPLICABLE

E14 What items are taken into consideration when deciding where to sell the catch? *Please mark all that apply.*

- ❑ Mutual agreement with processor/buyer
- ❑ Contract with processor/buyer
- ❑ Only processor/buyer available
- ❑ Vessel owned by processor/buyer
- ❑ Longstanding relationship with plant personnel
- ❑ Best price/market
- ❑ I do not know
- ❑ Other (Specify):

E15 How many processors/buyers are located in the port to which you typically deliver?

Number: ❑ I do not know ❑ NOT APPLICABLE

Section E: FISHERMEN Continued

E16 Do you have a choice of where you sell your fish?

- ❑ Yes ➡ Go to E17
- ❑ No ➡ Go to E16a
- ❑ I do not know ➡ Go to E17
- ❑ NOT APPLICABLE ➡ Go to E17

E16a If you answered NO in question E16, please describe why you do not have a choice.

E17 What limits your choice of where you sell your GOA trawl-caught groundfish?

- ❑ Market
- ❑ Limited number of processors
- ❑ Location of processor
- ❑ Amount purchased by processor
- ❑ Amount paid for catch by processor
- ❑ Species purchased by processor
- ❑ NOT APPLICABLE
- ❑ Sell/deliver to a floating processor
- ❑ No limitations
- ❑ Vessel is owned by processor
- ❑ Processor will only purchase some species
- ❑ Contractual arrangement with processor
- ❑ Other (Specify):

E18 Please rate the quality of your relationships generally with people in the following categories related to the selling of trawl-caught GOA groundfish species. Your answer to this question will help us to understand whether well-being and job satisfaction changes with the implementation of new management programs.*All of your responses will be kept confidential*.

Individual	Negative	Neutral	Positive	Self/NOT APPLICABLE
Tender	❑	❑	❑	❑
Shoreside processor	❑	❑	❑	❑
Stationary floating processor	❑	❑	❑	❑
Catcher/processor	❑	❑	❑	❑
Other (Specify):	❑	❑	❑	❑

End Section E: FISHERMEN

Section F: PROCESSING PLANT MANAGERS AND/OR OPERATORS

Questions in Section F are specific to processors, including catcher/processors, shoreside processers, and stationary floating processors. Information gathered in this section will help us understand the connections between processors and fishermen, the flow of the product from the fishermen to the distributor and the stops along the way, and the decisions that processors must make.

F1 Please select below which option best describes the type of processor that you operate or work for (where the survey is being filled out). Please provide the name of the company next to the corresponding selection.

	Company Name
❑ Shoreside processor	
❑ Catcher/processor	
❑ Stationary floating processor	
❑ Other (Specify):	

F2 In which port / city is the processor you operate or work for physically located? For catcher/processors and stationary floating processors, please indicate the most common port(s) in the space below.

Port(s)/City(ies)	State(s)

F3 Is the processor you operate or work for part of a larger company? If yes, what are the company's other locations? (If the company has too many facilities to list, please list the top three locations in your region).

	Port/City	State
❑ Yes ➡		
➡		
➡		

❑ No ❑ I do not know

F4 From how many vessels does your processing facility *purchase* GOA trawl-caught groundfish from during a typical season? *Please include all vessels from which you make purchases at least once* per season.

NUMBER [ ]

❑ We do not purchase catch from other vessels

❑ I do not know

❑ NOT APPLICABLE

Section F: PROCESSING PLANT MANAGERS AND OPERATORS Cont'd

F5 Please list, in order of importance, the *top 10 species* of fish that are processed and/or purchased by the processing facility you operate or work for. Please also explain why these species are important relative to others. *For example: market value is higher, available when other fish are not, provides income stability for crew, etc.* Please refer to question **E2** for a list of species examples.

Species	Explanation
1)	
2)	
3)	
4)	
5)	
6)	
7)	
8)	
9)	
10)	

❑ I do not know

F6 Please rate the quality of your relationships with the following people associated with the purchasing of GOA trawl-caught groundfish. Your answer to this question will help us to understand whether well-being and job satisfaction changes with the implementation of new management programs. *All of your responses will be kept confidential.*

Individual	Negative	Neutral	Positive	Self/NOT APPLICABLE
Vessel owners	❑	❑	❑	❑
Vessel captains/operators	❑	❑	❑	❑
Vessel crew members	❑	❑	❑	❑
People that buy groundfish from you	❑	❑	❑	❑
People that distribute the groundfish that you process	❑	❑	❑	❑
People that market the groundfish that you process	❑	❑	❑	❑
Your plant workers	❑	❑	❑	❑
Other (Specify):	❑	❑	❑	❑

Section F: PROCESSING PLANT MANAGERS AND OPERATORS Cont'd.

F7 Is the GOA trawl-caught groundfish that you purchase typically processed in the same port where it is purchased?

- ❑ Yes ➡ **Go to F8**
- ❑ No ➡ **Go to F7a**
- ❑ Depends on the species ➡ **Go to F7a**
- ❑ I do not know
- ❑ NOT APPLICABLE
- ❑ Other (Specify)

F7a Please clarify why GOA trawl-caught groundfish purchased in one port is processed in another location.

Species	Location	Reason for different location

- ❑ I do not know

F8 What items does your company take into consideration when deciding where to *sell* GOA trawl-caught groundfish product(s)? *Please mark all that apply.*

- ❑ Contract with wholesaler(s)
- ❑ Contract with distributor(s)
- ❑ Contract with restaurant(s)
- ❑ Contract with retailer(s)
- ❑ Best markets
- ❑ I do not know
- ❑ Agreement with wholesaler(s)
- ❑ Agreement with distributor(s)
- ❑ Agreement with restaurant(s)
- ❑ Agreement with retailer(s)
- ❑ Longstanding relationships
- ❑ Exchange rates
- ❑ Other (Specify): _____

F9 Where do you market your GOA trawl-caught groundfish product(s)?
Please mark all that apply and list locations. (For example: Seattle, WA).

- ❑ Local _____
- ❑ Regional _____
- ❑ National _____
- ❑ International _____
- ❑ I do not know

Section F: PROCESSING PLANT MANAGERS AND OPERATORS Cont'd.

F10 How is/are the GOA trawl-caught groundfish product(s) transported to the final distributor or company distribution location? *Please mark all that apply.*

- ❑ Ship
- ❑ Truck
- ❑ Air
- ❑ I do not know
- ❑ Other (Specify):

F11 What other businesses do you depend on for the complete purchase, processing, and sale of your company's GOA trawl-caught groundfish product(s)?
For example: trucking company, broker, etc.

- ❑ I do not know

F12 To help us better understand what happens to GOA trawl-caught groundfish after it is purchased from a vessel, please describe the path of your primary GOA trawl-caught groundfish product(s) takes from purchase to final consumption. *For example:*

Vessel → Shoreside Processor → Chinese re-processor → Japanese distributor → Final consumer market in Korea

- ❑ I do not know

End Section F: PROCESSING PLANT MANAGERS AND OPERATORS

Section G: PROCESSING PLANT EMPLOYEES

G1 Are you a U.S. citizen?

- ❑ Yes ➡ **Go to G2**
- ❑ No ➡ **Go to G1a and G1b**
- ❑ Currently undergoing the naturalization process

G1a What type of foreign worker status do you have?

- ❑ Temporary nonimmigrant worker (H-2 visa)
- ❑ Student or exchange visitor (J-1 visa)
- ❑ Permanent immigrant worker
- ❑ Other (Specify):

G2 Does your immediate family (spouse, kids) live in the U.S.?

- ❑ Yes ➡ **Go to G3**
- ❑ No ➡ **Go to G2a**

G1b Do you plan to seek long term residence in the U.S.?

❑ Yes ❑ No ❑ Undecided

G2a If not, where do they live?

G3 Does your family receive social assistance from any government in the United States?

❑ Yes ➡ **Go to G3a** ❑ No ➡ **Go to G4**

G3a If you answered yes on G4, what types of social assistance does your family receive? *Please mark all that apply.*

- ❑ Food stamps
- ❑ Social security
- ❑ Housing financial assistance
- ❑ General utilities financial assistance
- ❑ Child care financial assistance
- ❑ Health care
- ❑ Job placement assistance
- ❑ Other (Specify):

G4 What type of processor do you currently work for? *Please mark all that apply*.

- ❑ Shoreside processing plant
- ❑ Stationary floating processor
- ❑ Catcher processor vessel

G5 How did you get your current job as a processing employee?

- ❑ I saw the job advertised and applied for it.
- ❑ I was recruited by a family member or friend that worked in the processing plant.
- ❑ I was recruited by the processing plant.
- ❑ I was living in another country and was recruited by my family members that worked in the processing plant.
- ❑ Other (Specify):

_____

G6: When I was hired, I was living outside the United States.

- ❑ Yes ➡ **Go to G6a**
- ❑ No ➡ **Go to G7**

G6a: Which country were you living in at the time you were hired?

Section G: PROCESSING PLANT EMPLOYEES Cont'd

G7 How many members of your household work as processing employees?
(If you live in group housing, please check NOT APPLICABLE.)

NUMBER: [ ] ❑ NOT APPLICABLE

G8 How many months a year do you work as a processing employee?

❑ 0 to 3 months ❑ 4 to 6 months ❑ 7 to 9 months ❑ 10 to 12 months

G9 If your processing plant was no longer able to employ you for all of the months you currently work, which of the following options would you consider? *Please mark all that apply*.

- ❑ Seek employment in another processing plant for the months your current job is not available.
- ❑ Seek employment at another processing plant permanently.
- ❑ Seek employment in another role in the fishing industry (for example, crew or skipper of a vessel or another role within the processing industry).
- ❑ Seek employment outside of the fishing industry.
- ❑ Leave Alaska and return to your home State (if you are from the continental U.S.).
- ❑ Leave Alaska and return to your home country (if you are not from the U.S.).
- ❑ Leave Alaska and move to another State in the U.S. where you did not live before.
- ❑ Move to another city or town in Alaska.
- ❑ Retire.
- ❑ I would not be affected.
- ❑ I do not know.
- ❑ Other (Specify) _____

G10 What type of work do you do during the months that you are not working at your current processor?
Please mark all that apply.

❑ Unemployed ❑ Crew of a fishing vessel ❑ NOT APPLICABLE

❑ Employee at a different processor ❑ Skipper of a fishing vessel ❑ Other (Specify) _____

G11 How many people do you support financially with the money you earn as a processing employee?

NUMBER: [ ]

G12 What percentage of your salary do you send to family members living in the United States?

❑ 0% ❑ 51-75%

❑ 1-25% ❑ 76-100%

G13 What percentage of your salary do you send to family members that currently live in another country?

❑ 0% ❑ 51-75%

❑ 1-25% ❑ 76-100%

END SURVEY
THANK YOU FOR YOUR PARTICIPATION

The following space is left blank for notes or comments

THANK YOU FOR YOUR PARTICIPATION

Please address any questions or comments to:

Amber Himes-Cornell
7600 Sand Point Way NE
Seattle, WA 98115
amber.himes@noaa.gov
(206) 526-4221

Public reporting or burden for this survey is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Notwithstanding any other provision of the 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. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to ***Amber Himes-Cornell, AFSC-Economics and Social Science Research Program, 7600 Sand Point Way NE, 98115.***

Type of Review: Regular submission (request for a new information collection).

Affected Public: Business or other for-profit organizations.

Estimated Number of Respondents: 20.

Estimated Time Per Response: 1 hour, 30 minutes.

Estimated Total Annual Burden Hours: 30.

Estimated Total Annual Cost to Public: $0 in capital costs and $0 in recordkeeping/reporting costs.

IV. Request for Comments

Comments are invited on: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; (b) the accuracy of the agency's estimate of the burden (including hours and cost) of the proposed collection of information; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the collection of information on respondents, including through the use of automated collection techniques or other forms of information technology.

Comments submitted in response to this notice will be summarized and/or included in the request for OMB approval of this information collection; they also will become a matter of public record.

Dated: June 28, 2013.

Gwellnar Banks,

Management Analyst, Office of the Chief Information Officer.

[FR Doc. 2013–16096 Filed 7–3–13; 8:45 am]

BILLING CODE 3510–22–P

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

Proposed Information Collection; Comment Request; Gulf of Alaska Trawl Fishery, Rationalization Sociocultural Study

AGENCY: National Oceanic and Atmospheric Administration (NOAA), Commerce.

ACTION: Notice.

SUMMARY: The Department of Commerce, as part of its continuing effort to reduce paperwork and respondent burden, invites the general public and other Federal agencies to take this opportunity to comment on proposed and/or continuing information collections, as required by the Paperwork Reduction Act of 1995.

DATES: Written comments must be submitted on or before September 3, 2013.

ADDRESSES: Direct all written comments to Jennifer Jessup, Departmental Paperwork Clearance Officer, Department of Commerce, Room 66165, 14th and Constitution Avenue NW., Washington, DC 20230 (or via the Internet at *JJessup@doc.gov*).

FOR FURTHER INFORMATION CONTACT: Requests for additional information or copies of the information collection instrument and instructions should be directed to Amber Himes-Cornell (Phone: (206) 526–4221), *amber.himes@noaa.gov*.

SUPPLEMENTARY INFORMATION:

I. Abstract

This request is for a new information collection.

Historically, changes in fisheries management regulations have been shown to result in impacts to individuals within the fishery. An understanding of social impacts in fisheries—achieved through the collection of data on fishing communities, as well as on individuals who fish—is a requirement under several federal laws. Laws such as the National Environmental Policy Act and the Magnuson-Stevens Fishery Conservation and Management Act (as amended 2007) describe such requirements. The collection of this data not only helps to inform legal requirements for the existing management actions, but will inform future management actions requiring equivalent information.

Fisheries rationalization programs have an impact on those individuals participating in the affected fishery, as well as their communities and may also have indirect effects on other fishery participants. The North Pacific Fishery Management Council is considering the implementation of a new, yet to be defined, rationalization program for the Gulf of Alaska trawl fishery. This research aims to study the affected individuals both prior to and after the implementation of the rationalization program. The data collected will provide a baseline description of the industry as well as allow for analysis of changes the rationalization program may create for individuals and communities. The measurement of these changes will lead to a greater understanding of the social impacts the management measure may have on the individuals and communities affected by fisheries regulations. To achieve these goals, it is critical to collect the necessary data prior to the implementation of the rationalization program for comparison to data collected after the management program has been implemented. This study will be inclusive of both a Phase 1 pre-implementation data collection effort, as well as a Phase 2, post-implementation data collection effort to achieve the stated objectives.

II. Method of Collection

Literature reviews, secondary sources including Internet sources, United States Census data, key informants, focus groups, paper surveys, electronic surveys, and in-person interviews will be utilized in combination to obtain the greatest breadth of information as possible.

III. Data

OMB Control Number: None.

Form Number: None.

Type of Review: Regular submission (request for a new information collection).

Affected Public: Individuals or households; business or other for-profit organizations; not-for-profit institutions.

Estimated Number of Respondents: 500.

Estimated Time per Response: 1 hour and 30 minutes.

Estimated Total Annual Burden Hours: 750.

Estimated Total Annual Cost to Public: $0.

IV. Request for Comments

Comments are invited on: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; (b) the accuracy of the agency's estimate of the burden (including hours and cost) of the proposed collection of information; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the collection of information on respondents, including through the use of automated collection techniques or other forms of information technology.

Comments submitted in response to this notice will be summarized and/or included in the request for OMB approval of this information collection; they also will become a matter of public record.

Dated: June 28, 2013.

Gwellnar Banks,

Management Analyst, Office of the Chief Information Officer.

[FR Doc. 2013–16094 Filed 7–3–13; 8:45 am]

BILLING CODE 3510–22–P

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

Proposed Information Collection; Comment Request; Mandatory Shrimp Vessel and Gear Characterization Survey

AGENCY: National Oceanic and Atmospheric Administration (NOAA), Commerce.

ACTION: Notice.

SUMMARY: The Department of Commerce, as part of its continuing effort to reduce paperwork and respondent burden, invites the general public and other Federal agencies to take this opportunity to comment on proposed and/or continuing information collections, as required by the Paperwork Reduction Act of 1995.

DATES: Written comments must be submitted on or before September 3, 2013.

ADDRESSES: Direct all written comments to Jennifer Jessup, Departmental Paperwork Clearance Officer, Department of Commerce, Room 6616, 14th and Constitution Avenue NW, Washington, DC 20230 (or via the Internet at *JJessup@doc.gov).*

FOR FURTHER INFORMATION CONTACT: Requests for additional information or copies of the information collection instrument and instructions should be directed to Anik Clemens, (727) 551–5611 or *Anik.Clemens@noaa.gov.*

SUPPLEMENTARY INFORMATION:

I. Abstract

This request is for extension of a current information collection.

The Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act) authorizes the Gulf of Mexico Fishery Management Council (Council) to prepare and amend fishery management plans for any fishery in waters under its jurisdiction. National Marine Fisheries Service (NMFS) manages the shrimp fishery in the waters of the Gulf of Mexico under the Shrimp Fishery Management Plan (FMP). The regulations for the Gulf Shrimp Vessel and Gear Characterization Form may be found at 50 CFR 622.51(a)(3).

Owners or operators of vessels applying for or renewing a commercial vessel moratorium permit for Gulf shrimp must complete an annual Gulf Shrimp Vessel and Gear Characterization Form. The form will be provided by NMFS at the time of permit application and renewal. Compliance with this reporting requirement is required for permit issuance and renewal.

Through this form, NMFS is collecting census-level information on fishing vessel and gear characteristics in the Gulf of Mexico Exclusive Economic Zone (EEZ) shrimp fishery to conduct analyses that will improve fishery management decision-making in this fishery; ensure that national goals, objectives, and requirements of the Magnuson-Stevens Act, National Environmental Policy Act (NEPA), Regulatory Flexibility Act (RFA), Endangered Species Act (ESA), and Executive Order (E.O.) 12866 are met; and quantify achievement of the performance measures in the NMFS' Operating Plans. This information is vital in assessing the economic, social, and environmental effects of fishery management decisions and regulations on individual shrimp fishing enterprises, fishing communities, and the nation as a whole.

There has been a minor adjustment to responses and burden. Currently, there are approximately 1,529 permitted vessels in the Gulf shrimp fishery.

II. Method of Collection

Respondents are mailed hard copies of the form. The forms must be completed and mailed back to NMFS before their permits expire.

III. Data

OMB Control Number: 0648–0542.

Form Number: None.

Type of Review: Regular submission (extension of a current information collection).

Affected Public: Business or other for-profit organizations.

Estimated Number of Respondents: 1,529.

Estimated Time per Response: Reports, 20 minutes.

Estimated Total Annual Burden Hours: 510.

Estimated Total Annual Cost to Public: $0 in recordkeeping/reporting costs.

IV. Request for Comments

Comments are invited on: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; (b) the accuracy of the agency's estimate of the burden (including hours and cost) of the proposed collection of information; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the collection of information on respondents, including through the use of automated collection techniques or other forms of information technology.

Comments submitted in response to this notice will be summarized and/or included in the request for OMB approval of this information collection; they also will become a matter of public record.

Dated: June 28, 2013.

Gwellnar Banks,

Management Analyst, Office of the Chief Information Officer.

[FR Doc. 2013–16095 Filed 7–3–13; 8:45 am]

BILLING CODE 3510–22–P

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

RIN 0648–XC533

Takes of Marine Mammals Incidental to Specified Activities; Navy Training Conducted at the Silver Strand Training Complex, San Diego Bay

AGENCY: National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

ACTION: Notice of issuance of an incidental harassment authorization.

SUMMARY: In accordance with provisions of the Marine Mammal Protection Act (MMPA) as amended, notification is hereby given that an Incidental Harassment Authorization (IHA) has been issued to the U.S. Navy (Navy) to take marine mammals, by harassment, incidental to conducting training exercises at the Silver Strand Training Complex (SSTC) in the vicinity of San Diego Bay, California.

DATES: This authorization is effective from July 18, 2013, until July 17, 2014.

ADDRESSES: A copy of the application, IHA, and/or a list of references used in this document may be obtained by visiting the internet at: *http://www.nmfs.noaa.gov/pr/permits/incidental.htm.* Documents cited in this notice may also be viewed, by appointment, during regular business hours, at the Office of Protected Resources, National Marine Fisheries