

Social and Economic Survey

Instructions

Thank you very much for taking the time to fill out this survey. Included in this package you will find:

- 1) A set of Social and Economic Survey Questions designed for Northeast fishermen.

- 2) A stamped and addressed envelope for returning the completed questionnaire.

This is a sample set of questions from a variety of surveys that researchers have used in the past in order to learn more about how management affects fishermen and their communities. Many of the questions that follow ask you how to get good information from fishermen and ask you for your ideas for better questions. Other questions ask your opinion on topics that are important to you. Your collaboration in this research is appreciated. All information you provide will be kept confidential. Any public release of results, for example, to fishermen, will be in only a very summarized form, making it impossible for you to be identified. The survey is divided into six sections:

1. Households and Communities
2. Expenditure Impacts of Fishing Industry in New England
3. Fishing Business Practices
4. Management and Enforcement
5. Capacity and the Future
6. Fishing Family Assistance

NOTE: This questionnaire should be completed by the person to whom payment will be sent. Where the vessel is under corporate ownership, the principal owner or primary stockholder should complete the survey. Agents for vessels should not complete the survey. Multiple vessel owners should answer vessel-specific questions with the vessel which produces the most groundfish revenue in mind.

If you would like to speak to someone about how to complete the survey call _____ at _____ in the Northeast Regional Office.

If you have any questions for Italian language interpretation please call Angela Sanfilippo or Nina Groppo at the Gloucester Fishing Family Assistance Center - (978) 283-2504.

If you have any questions for Portuguese language interpretation please call Rodney Avila at the New Bedford Fishing Family Assistance Center - (508) 979-1791.

Please Print your Name: _____

Please sign your name here: _____

Corporate Name (if applicable): _____

Your position in corporation (if applicable) _____

Your Address: _____
(corporate address if applicable)

Telephone Number: _____

Vessel #1 Name _____

Vessel #1 Multispecies Groundfish Permit Number:

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Vessel #1 US Coast Guard Documentation Number, or State Registration Number.

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Vessel #2 Name _____

Vessel #2 Multispecies Groundfish Permit Number:

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Vessel #2 US Coast Guard Documentation Number or State Registration Number

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Vessel #3 Name _____

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Vessel #3 US Coast Guard Documentation Number or State Registration Number

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If you need more room for answering questions, please use the other side of the page.

Please enter your Multispecies Groundfish Permit number in the space provided at the bottom of each answer page.

Please return all of the answered pages which contain your permit number using the stamped and addressed envelope - thank you!

1. Households and Communities

Section 1 asks questions about household and community topics, and also some direct questions about how different fishermen and fishing families go about fishing. By looking for patterns across all fishermen, we can see how different communities or other groups may be impacted by management decisions. *Please use check marks and fill in with more information if appropriate.* We appreciate you sharing your expertise and knowledge.

1a. Many surveys ask you to identify your race/ethnicity (e.g. Italian, Norwegian, Portugese, etc). This information can be important, since crews and work patterns are often based on ethnicity. Would a question about your ethnicity be too personal to ask in person in an interview setting?

- a. ___ N (please go to question 2) b. ___ Y (please continue to 1b)

1b. If yes, could such a question be improved by:

- a. ___ Providing an explanation such as the one above
b. ___ Wording the question in a different way. Please give an example of a question you would feel comfortable with _____
c. ___ Deleting the question entirely
d. ___ Other (please explain) _____

2a. Social researchers often ask you questions about what school grade you finished. This helps us know more about your background, in order for us to better understand the different people who live from fishing. Would asking for your education be too personal in an interview setting?

- a. ___ N (please go to question 3) b. ___ Y (please continue to 2b)

2b. If yes, could such a question be improved by:

- a. ___ Providing an explanation such as the one above
b. ___ Wording the question in a different way. Please give an example of a question you would feel comfortable with _____
c. ___ Deleting the question entirely
d. ___ Other (please explain) _____

Questions 3 through 7 are aimed at understanding you and your family's involvement in the fishing industry, since this helps us get a sense of your experience in fishing.

3. How long have you been in commercial fishing (including the recreational for-hire sector)?

_____ years

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4. What has your career history in fishing been? (for example, began as deck hand for ten years, currently captain/owner for last two...) Please include your present position on the boat.

5a. Was your father a commercial fishermen? Please check and fill in appropriate information.

a. ___ N b. ___ Y (If so, where did your parents live? _____)

5b. Was your grandfather a commercial fishermen? Please check and fill in appropriate information.

a. ___ N b. ___ Y (If so, where did he live? _____)

5c.. (If you're married) Does your spouse come from a fishing family? Please check and fill in appropriate information.

a. ___ N b. ___ Y (If so, where did they live? _____)

c. ___ Not married, question doesn't apply

6. Please list all persons who live in your household, noting whether they are involved in the fishing industry or fishing-related work. Please start with yourself in the first row. Please write "minor" in the occupation column for children in your household if they are unemployed.

| Relation to you | Gender | Age | Involved in fishing work? | What type of fishing-related work? | Occupation (or as applicable: student, retiree, unemployed) |
|-----------------|--------|-----|---------------------------|------------------------------------|---|
| SELF | | | Y or N | | |
| | | | Y or N | | |
| | | | Y or N | | |
| | | | Y or N | | |
| | | | Y or N | | |
| | | | Y or N | | |
| | | | Y or N | | |
| | | | Y or N | | |

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7a. Regarding questions 3 - 6 above, do you have any other connections to the fishing industry ?

7b. Do these questions adequately capture your family's involvement and historical ties to fishing?

8. This question focuses on work relations within your family because, for example, in many places wives traditionally handle most of the finances. Please fill out the following table, answering how many hours during a typical week are spent doing the following activities:

| | Fisherman | Spouse | Other (specify) |
|------------------------|-----------|--------|-----------------|
| household finances | | | |
| operating the boat | | | |
| record keeping | | | |
| supervising crew | | | |
| sales | | | |
| repair and maintenance | | | |
| non-fishing employment | | | |

9a. Do you think this question captures the way fishing duties are organized in your family?

a. ___ Y b. ___ N If No please explain _____

9b. Do you think it generally captures the way other fishermen organize their businesses?

a. ___ Y b. ___ N If No please explain _____

10a. This question looks at how communities are informally organized; this can help predict social impacts, if for example some groups are under-represented. Do any members of your household belong to any fishing-related organizations? Please check one and fill in more information if appropriate.

a. ___ N. b. ___ Y. If yes, which fishery-related organizations, and what is their function/purpose? _____

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10b. Have you participated in any of the organizations activities or meetings on a regular basis?
a. ___ N (If not, what are the reasons? _____

b. ___ Y (If so, what activities have you participated in? _____

10c. Do you feel these groups represent you or other stakeholders (e.g. crew members or wives)? a.
___ N (If not, why not? _____

b. ___ Y (If so, do they do it well? _____

11. Do you think questions 10a through 10c capture how you feel about fishery-related organizations?

12a. Surveys often ask for income level in order to determine whether or not a management measure has the same impact on fishermen of different means or socioeconomic status. Would asking you for your income be too personal in an interview setting?
a. ___ N (please go to question 13) b. ___ Y (please continue to 12b)

12b. If yes, could such a question be improved by:
a. ___ Providing an explanation such as the one above
b. ___ Wording the question in a different way. Please give an example of a question you would feel comfortable with _____
c. ___ Deleting the question entirely
d. ___ Other (please explain) _____

The following questions look at how dependent you and your family are on a particular fishery or the fishing industry in general (i.e. harvest and no-harvest sectors). This helps show how regulations may impact household and small businesses.

13. Have the fishermen in your household ever worked outside the fishing industry?
a. ___ N b. ___ Y

14. What percent of your household's annual income comes from all aspects of the fishing industry?
___ %

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15a. Would a question about the level of your household indebtedness (for example, as a percentage of your household income) be too personal to ask in an interview setting?

- a. ___ N (please go to question 16) b. ___ Y (please continue to 15b)

15b. If yes, could such a question be improved by:

- a. ___ Providing an explanation such as the one above
b. ___ Wording the question in a different way. Please give an example of a question you would feel comfortable with _____
c. ___ Deleting the question entirely
d. ___ Other (please explain) _____

16a. Would a question about whether your home mortgage is tied to your vessel be too personal to ask in an interview setting?

- a. ___ N (please go to question 17) b. ___ Y (please continue to 16b)

16b. If yes, could such a question be improved by:

- a. ___ Providing an explanation such as the one above
b. ___ Wording the question in a different way. Please give an example of a question you would feel comfortable with _____
c. ___ Deleting the question entirely
d. ___ Other (please explain) _____

The next questions look at the links between community membership, and the fishing industry, and the kinds of practices that strengthen these links. The questions attempt to understand the different kinds of communities that may be important to fishermen and their families.

17. What town do you live in? _____

18. How long have you lived here? ___ years

19a. Do you consider this town a fishing community?

- a. ___ N b. ___ Y

19b. Why or why not? _____

19c. Has your view about this changed in the past few years?

- a. ___ N b. ___ Y Please explain _____

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20a. Is this community dependent on the fishing industry? a. ___ N b. ___ Y

20b. If Yes why is it dependent? _____

20c. Has your view about this changed in the past few years? a. ___ N b. ___ Y
Please explain _____

21. Would you have to move out of your town if fishing became more difficult because of more regulations? a. ___ N b. ___ Y
What else might you be able to do in your town? _____

22. Do you or your vessel participate in a Blessing of the Fleet ceremony?
a. ___ N b. ___ Y
Why or why not? _____

23. Do you or any household members participate in other community organizations?
a. ___ N b. ___ Y
If so, can you describe further? _____

24. Do you have relatives who are fishermen and live in other towns than you?
a. ___ N b. ___ Y (If so, what town(s)? _____

25. Who (e.g. friends, relatives, co-workers) do you go to when you need advice:
About fishing? _____
About equipment? _____
About regulations or any other such issues? _____

26. We would like to know if the questions 17-25 let you identify your community and adequately characterize it. Are there any issues which you think are missing? _____

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2. Expenditure Impacts of Fishing Industry in New England

The fishing industry is not isolated from the rest of the New England economy. Commercial fishermen purchase fuel, ice, bait, insurance and other products and services from businesses that help make fishing possible. How fishermen and coastal communities are impacted by fishery regulation requires information about what fishermen buy, where they buy it and where captain and crew income is spent.

Information on what fishing businesses buy helps us understand what other types of shore-side businesses may be affected when fishing conditions change. Knowing where these businesses are located and where captain and crew live helps us understand how economic impacts are spread throughout the New England coastal region.

On the next page you will find a map of New England with several different coastal subregions identified along with towns and cities for reference. Each subregion has been identified with a number and a name. For example, subregion 2 has been called the “Upper Mid-Coast region of Maine.” Altogether there are 11 coastal subregions for New England, one non-coastal region for the entire inshore part of New England (region 12), and one region for everything outside New England (region 13).

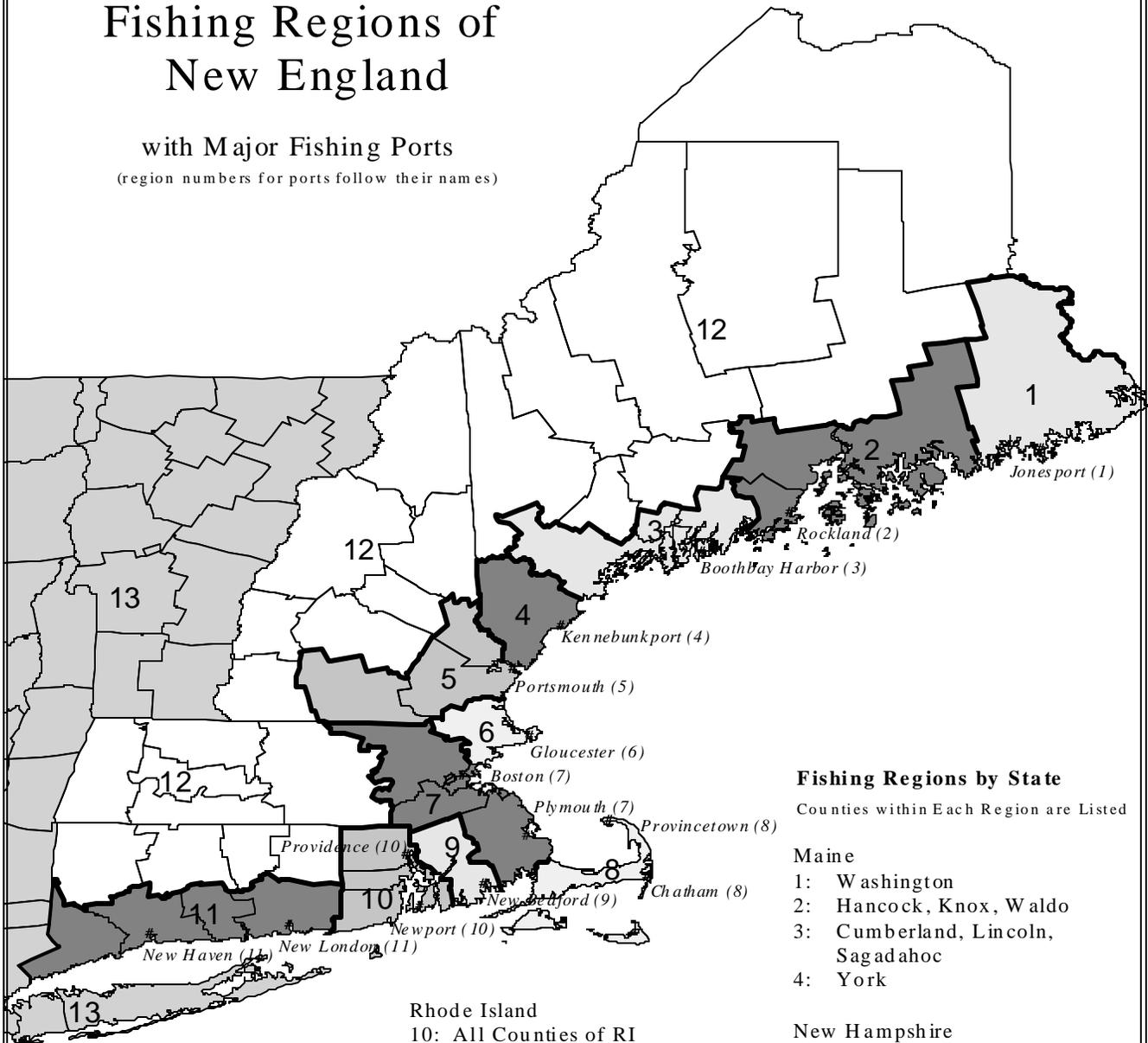
Following the map are tables for recording where you make purchases. Table 1 is for trip costs, annual repair and maintenance costs, and fixed costs. Table 2 asks for the home region of your vessel, your current crew and, if not yourself, your current captain.

If you buy goods and services from more than one region, try to give approximately what percent you purchase in each region. For example, if you operate out of Portland, Maine, then in 1999 you may have purchased 50% of your fuel within the Lower Mid-Coast region, 25% from Southern Maine and the remaining 25% from the Gloucester/North Shore region (the percentages should sum to 100).

Please use a best guess - do not go through your records. For any listed item that you did not purchase over the course of 1999, please write a zero in the Total column for that item.

Fishing Regions of New England

with Major Fishing Ports
(region numbers for ports follow their names)



Fishing Regions by State

Counties within Each Region are Listed

Maine

- 1: Washington
- 2: Hancock, Knox, Waldo
- 3: Cumberland, Lincoln, Sagadahoc
- 4: York

New Hampshire

- 5: Hillsborough, Rockingham, Strafford

Massachusetts

- 6: Essex
- 7: Norfolk, Plymouth, Suffolk
- 8: Barnstable, Dukes, Nantucket
- 9: Bristol

Rhode Island

- 10: All Counties of RI

Connecticut

- 11: Fairfield, Middlesex, New Haven, New London

Other regions

- 12: Near Coastal New England
- 13: Other US Regions

| Table 1 | | | | | | | | | | | | | | |
|------------------------------------|----------------|-----------------------|-----------------------|----------------|---------------------|------------------------|--------------------|------------------|------------------|--------------|-------------------|-------------------------|---------------------|-------|
| Annual Expenses | Downeast Maine | Upper Mid-Coast Maine | Lower Mid-Coast Maine | Southern Maine | New Hampshire Coast | Gloucester/North Shore | Boston/South Shore | Cape and Islands | New Bedford Area | Rhode Island | Connecticut Coast | Non-Coastal New England | Outside New England | |
| Region Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | Total |
| <i>Example</i> | | | 50 | 25 | | 25 | | | | | | | | 100 |
| Trip Needs (where bought) | | | | | | | | | | | | | | |
| Fuel | | | | | | | | | | | | | | |
| Ice | | | | | | | | | | | | | | |
| Food | | | | | | | | | | | | | | |
| Bait | | | | | | | | | | | | | | |
| New Gear | | | | | | | | | | | | | | |
| Repair Needs (where bought) | | | | | | | | | | | | | | |
| Hull | | | | | | | | | | | | | | |
| Engine | | | | | | | | | | | | | | |
| Gear | | | | | | | | | | | | | | |
| Electronics | | | | | | | | | | | | | | |
| Fixed Needs (where bought) | | | | | | | | | | | | | | |
| Insurance | | | | | | | | | | | | | | |
| Accounting | | | | | | | | | | | | | | |
| Legal | | | | | | | | | | | | | | |
| Moorage | | | | | | | | | | | | | | |

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| Table 2 | | | | | | | | | | | | | |
|---|----------------|-----------------------|-----------------------|----------------|---------------------|------------------------|--------------------|------------------|------------------|--------------|-------------------|-------------------------|---------------------|
| Home Region of Current Captain and Crew | Downeast Maine | Upper Mid-Coast Maine | Lower Mid-Coast Maine | Southern Maine | New Hampshire Coast | Gloucester/North Shore | Boston/South Shore | Cape and Islands | New Bedford Area | Rhode Island | Connecticut Coast | Non-Coastal New England | Outside New England |
| Region Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Check One Region For Each Person | T | T | T | T | T | T | T | T | T | T | T | T | T |
| <i>Example</i> | | | | T | | | | | | | | | |
| Vessel Home | | | | | | | | | | | | | |
| Current Captain | | | | | | | | | | | | | |
| Current Crew #1 | | | | | | | | | | | | | |
| Member #2 | | | | | | | | | | | | | |
| Member #3 | | | | | | | | | | | | | |
| Member #4 | | | | | | | | | | | | | |
| Member #5 | | | | | | | | | | | | | |

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3. Compared to the way you would prefer to operate, have area closures shifted where you make purchases? (Check one)

a. N b. Y

If yes, what changes in your purchasing pattern have you made? _____

4. Besides area closures, are there any other regulations that have shifted where you make purchases? (Check one)

a. N b. Y

If yes, what are these regulations and what changes have you made? _____

5. Are there better ways of asking fishermen about where they make their purchases? (Check one)

a. N b. Y

If yes, what improvements do you suggest? _____

6. Are there any other questions you think fishermen want to be asked about their industry's impact on the broader New England Economy or on the economy of the Town or Port?

(Check one)

a. N b. Y

If yes, what questions do you recommend? _____

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3. Fishing Business Practices

Over the past five years fishery regulations have significantly impacted fishing practices. This section seeks to find out what adjustments fishermen have made to their fishing activities and business practices because of these regulations and because of changes in the industry as a whole. Some questions look at how these changes impact the family as well. *Please use check marks and fill in with more information if appropriate.*

1. Please list the most significant changes that you have made in your fishing practices in the last five years because of regulations. **Put a check beside ones that apply to you:**

- | | |
|---|--|
| a. <input type="checkbox"/> Switched to different gears | i. <input type="checkbox"/> Spent less time in exploratory fishing |
| b. <input type="checkbox"/> Cut back on gear/vessel maintenance | j. <input type="checkbox"/> Increased time on water |
| c. <input type="checkbox"/> Decreased time on water | k. <input type="checkbox"/> Changed fishing location |
| d. <input type="checkbox"/> Changed fish dealer | l. <input type="checkbox"/> Fished more species |
| e. <input type="checkbox"/> Took on less crew | m. <input type="checkbox"/> Postponed purchases of new gear |
| f. <input type="checkbox"/> Postponed new motor | n. <input type="checkbox"/> Took longer trips. |
| g. <input type="checkbox"/> Other (specify) _____ | o. _____ |
| h. _____ | p. _____ |

2. Please **list** the most significant changes in your household finances that you have seen over the last five years because of regulations. Some examples are: Cut back on insurance, Cut back on family vacations, Cut back on new clothes, Cut back on savings, Postpone new car, truck, house, etc.

- | | |
|----------|----------|
| a. _____ | d. _____ |
| b. _____ | e. _____ |
| c. _____ | f. _____ |

3. How do you decide which fish dealer to sell to? (**Check more than 1 if appropriate**)

- | | |
|---|---|
| a. <input type="checkbox"/> Belong to organization | f. <input type="checkbox"/> Shop around for best price |
| b. <input type="checkbox"/> Decide where while at sea | g. <input type="checkbox"/> Tied into buyer through contract/loan |
| c. <input type="checkbox"/> Call Market News | h. <input type="checkbox"/> Pre-arranged before trip |
| d. <input type="checkbox"/> Call contacts in ports | i. <input type="checkbox"/> Depends on species |
| e. <input type="checkbox"/> Other _____ | j. _____ |

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4. Do you think you have good price information going into a sale?

a. ___ N b. ___ Y

5. Do you pay for price information now?

a. ___ N b. ___ Y

6. What kind of price information service would be best for you? What kind of Technology -phone, fax, computer, etc? What would you wan to know? When would you want to know it, and how frequently would you use it? _____

7. How do auctions compare to non-auction sales of your fish. **Check which is better** for

| | Traditional | Auction |
|--|-------------|---------|
| a. Speed of sale | _____ | _____ |
| b. Firm prices | _____ | _____ |
| c. Price reflects broad market | _____ | _____ |
| d. Personal contact | _____ | _____ |
| e. Get good information | _____ | _____ |
| f. Treated well | _____ | _____ |
| g. No hassles | _____ | _____ |
| h. Good idea of prices beforehand | _____ | _____ |
| i. Quality is rewarded | _____ | _____ |
| j. Works better with my accounting arrangement | _____ | _____ |
| k. Speed of payment | _____ | _____ |
| l. Other _____ | _____ | _____ |

8. Have you needed help while at sea or in getting back to port over the last five years?

a. ___ N b. ___ Y

9. How many times in _____1995, _____ 1996, _____ 1997, _____ 1998, _____1999?

10. How many times have you delayed leaving on a trip because of mechanical/electrical problems in the last 12 months? ___ times. **(Please keep primary groundfish vessel in mind)**

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11. What percentage of the fishermen that you know well have all of the required safety equipment in good operating order on board their vessels? ___ %.

12. What additional information do you need to better conduct your business? **Please check any of the following types of information that you could use**

- | | |
|------------------------------------|---------------------------------------|
| a. ___ More about regulations | h. ___ Gear technology |
| b. ___ Local markets | i. ___ Buybacks |
| c. ___ Export markets | j. ___ Research survey results |
| d. ___ Harvest techniques | k. ___ Onboard processing |
| e. ___ Aquaculture | l. ___ Advanced license opportunities |
| f. ___ Value Added Handling | m. ___ Retraining |
| g. ___ Other management approaches | n. ___ Other (specify _____) |
| | o. _____ |

13. Do you get the services of professionals (whether in the family or coop or organization) to handle the following for you? **Please check any of the following for which you use a professional**

- | | |
|--|---------------------------|
| a. ___ Accounting/Bookkeeping services | f. ___ Vessel electronics |
| b. ___ Settlement | g. ___ Office automation |
| c. ___ Insurance | h. ___ Other _____ |
| d. ___ Fish stock information | i. _____ |
| e. ___ Selling | j. _____ |

14. How much have the following things changed over the last five years?

| | Major Decrease | Some Decrease | No Change | Some Increase | Major Increase |
|---|-------------------|------------------|--------------|------------------|-------------------|
| a. Dependence on non-fishing income | ___ | ___ | ___ | ___ | ___ |
| b. Record keeping needs | ___ | ___ | ___ | ___ | ___ |
| c. Amount of time in sales/marketing | ___ | ___ | ___ | ___ | ___ |
| d. Use of non-family, hired labor or crew | ___ | ___ | ___ | ___ | ___ |
| e. Time spent in trade association meetings | ___ | ___ | ___ | ___ | ___ |
| f. Use of loans and other credit | ___ | ___ | ___ | ___ | ___ |
| g. Use of family labor | ___ | ___ | ___ | ___ | ___ |
| h. Need for family members in more roles | ___ | ___ | ___ | ___ | ___ |
| i. What else? _____ | ___ | ___ | ___ | ___ | ___ |
| j. _____ | ___ | ___ | ___ | ___ | ___ |
| k. _____ | ___ | ___ | ___ | ___ | ___ |

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15. How much have the following affected your ability to make a living fishing?

| | No Effect | Moderately Negative Effect | Very Negative |
|---|-----------|----------------------------|---------------|
| a. Loss of habitat | ___ | ___ | ___ |
| b. Increased number of recreational fishers | ___ | ___ | ___ |
| c. Increased seafood imports | ___ | ___ | ___ |
| d. Increased marine fishery regulation | ___ | ___ | ___ |
| e. Coastal development | ___ | ___ | ___ |
| f. Loss of markets for harvested fish | ___ | ___ | ___ |
| g. Increased costs of harvesting fish | ___ | ___ | ___ |
| h. Imports | ___ | ___ | ___ |
| i. ___ Other _____ | ___ | ___ | ___ |
| j. _____ | ___ | ___ | ___ |

16. What do you do when your regular grounds are closed for a period? (**Choose all that apply**)

- a. ___ Fish in the closest area to closed area, if there is a reasonable chance of success for the same species
- b. ___ Depending on length/size of closure, might move to a different port altogether
- c. ___ Try several areas around the closed area
- d. ___ Depending on length/size of closure, might switch target species
- e. ___ Go to the next area that has a reasonable chance of success for any species I'm allowed to fish
- f. ___ Fish in closed area with exempted gear
- g. ___ Other _____

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4. Management and Enforcement

The following questions ask for your perspective, as a fisherman, on the fisheries management process, the use of economic information in that process, the role of fishermen in the process, and on enforcement issues. Besides getting these perspectives, we also want to know what information you feel is important for managers to understand about fishermen's roles in enforcement and fisheries management, and which management measures you view as effective. ***Please use check marks and fill in with more information if appropriate.***

1. What local, informal, traditional fishing rules or codes or agreements (not federal or state regulations) affect how you fish? (**Check all that apply**)

- a. Rules that designate areas for different gears
- b. Rules for cooperation among same gear vessels
- c. Rules for first establishing a fishing area
- d. Rules for accommodating same gear vessel from somewhere else
- e. Rules or traditions for avoiding gear damage to other gears
- f. Rules or traditions to minimize waste and discards and encourage conservation
- g. Rules that limit my total effort
- h. Rules that limit when I fish
- i. Rules that limit where I fish
- j. Other rules (please list) _____
- k. _____
- l. _____
- m. _____

2. What other questions do fishermen want to be asked in order to tell their story of how they self-regulate? (**Please list**) _____

3. Do you feel your views get expressed (if not adopted) in the Formal Council/Committee management process?

- a. N b. Y

4. If no, then why not? _____

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5. Do you feel you understand the Council/Committee management system?

a. ___ N (go to 6.) b. ___ Y (go to 7.)

6. If no, what isn't clear? _____

7. How often do you express your views to the Council or a Committee of the Council in person or in writing over a year?

a. ___ Never b. ___ Seldom c. ___ Frequently

8. Do you think you understand the basics of fish population dynamics?

a. ___ N b. ___ Y

9. What do you think fishermen want to know about fish population dynamics/biology that they don't already know? _____

10. Do you feel you know the important laws (like the Magnuson Act) that guide fisheries management? a. ___ N b. ___ Y

11. What do you think fishermen want to know about the laws that apply to fisheries management?

12. Do you feel you know how economic information is used in the management process?

a. ___ N b. ___ Y

13. What do you think fishermen want to know about how economic information is used?

14. Do you feel you know why social/cultural information is needed in the management process?

a. ___ N b. ___ Y

15. Do you know how social/cultural information is used in the management process?

a. ___ N b. ___ Y

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16. What questions do fishermen have about how social/cultural information is used?

17. Is it your feeling that fishermen generally want to comply with regulations?

a. ___ N b. ___ Y

18. Do you think most fishermen know how to improve enforcement?

a. ___ N b. ___ Y

19. What questions should be asked to fishermen to give them a chance to tell how to improve enforcement? _____

20. Do you feel there is adequate fisheries enforcement at sea in the areas where you fish?

a. ___ N b. ___ Y

21. Do you feel there is adequate fisheries enforcement at the dock where you land your catch?

a. ___ N b. ___ Y

22. What percentage of the enforcement in the groundfish fishery is carried out by fishermen themselves without the help or knowledge of enforcement officers? (**Check the one that most applies**)

a. ___ None b. ___ 1 - 25% c. ___ 26 - 50%
d. ___ 51 - 75% e. ___ 76 - 100%

23. Please estimate to the best of your ability, what percent of commercial fishermen usually or always COMPLY with the groundfish laws and regulations? (**Check the ONE category that is closest to your answer**)

a. ___ Zero % f. ___ 50 - 74%
b. ___ 1 - 4% g. ___ 75 - 89%
c. ___ 5 - 9% h. ___ 90 - 94%
d. ___ 10 - 24% i. ___ 95 - 98%
e. ___ 25 - 49% j. ___ 99 - 100%

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24. Please estimate as best you can, what percent of commercial fishermen frequently VIOLATE the groundfish laws and regulations? (**Check the ONE category that is closest to your answer**)

- a. ___ Zero %
- b. ___ 1 - 4%
- c. ___ 5 - 9%
- d. ___ 10 - 24%
- e. ___ 25 - 49%
- f. ___ 50 - 74%
- g. ___ 75 - 89%
- h. ___ 90 - 94%
- i. ___ 95 - 98%
- j. ___ 99 - 100%

25. What percent of the management meetings (Council or Committee or Advisors' meetings) **that you would like to attend** are you able to get to? ___ %

26. Which of the following general tools of fisheries management do you feel are most effective in reducing fishing mortality? **Please Rank: Most effective = 1, Least effective = 6.**

- a. ___ Days At Sea (DAS) limits
- b. ___ Large and long closed areas
- c. ___ Short term closed areas
- d. ___ Mesh size regulations
- e. ___ Trip Limits
- f. ___ Overall TAC

27. Which of the following general tools of fisheries management do you feel are most difficult for a family to adjust to? **Please Rank: Most difficult to adjust to = 1, Easiest = 6.**

- a. ___ Days At Sea (DAS) limits
- b. ___ Large, long-time closed areas
- c. ___ Short term closed areas
- d. ___ Mesh size regulations
- e. ___ Trip Limits
- f. ___ Overall Quota (TAC)

28. Which of the same tools are hardest on net income or profits? **Please Rank: Most impact on net income = 1, Least impact on net income-profits = 6.**

- a. ___ Days At Sea (DAS) limits
- b. ___ Large and long closed areas
- c. ___ Short term closed areas
- d. ___ Mesh size regulations
- e. ___ Trip Limits
- f. ___ Overall TAC

29. What questions should fishermen be asked so that others understand the impacts of different kinds of regulations on their **businesses**? _____

30. What questions should fishermen be asked so that others understand the impacts of different kinds of regulations on their **families and family life**? _____

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9. If you answered (b) a new group, what would it look like? _____

10. Have you invested in equipment to increase your catch per day as your days at sea have been reduced?

a. ___ N b. ___ Y

11. If yes, what have you invested in? _____

12. When stocks recover will you reduce your fishing effort?

a. ___ N b. ___ Y

13. Can you think of a way to “bank” capacity until stocks recover?

a. ___ N b. ___ Y

14. If yes, how? _____

15. Do you think there is too much active capacity now for stocks to recover without more regulations?

a. ___ N b. ___ Y

18. Do you think there will be too much active capacity for stocks to stay recovered when they do come back?

a. ___ N b. ___ Y

19. What questions do fishermen want to be asked about capacity? _____

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20. If you were not fishing, what do you think you could be earning?
 a. Much less ___ b. Less ___ c. Same ___ d. More ___ e. Much more ___

21. What would that job be? _____

22. Would you advise young people to go into the fishing industry?
 a. ___ N b. ___ Y

23. If yes, what job in the industry? _____

24. What other questions do you think fishermen want to be asked about their vision of the future for themselves, their family's role in fishing, or the industry? _____

25. Please indicate if you agree or disagree with the following list of possible goals for fisheries in this region in the future:

| | Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree |
|--|----------------|-------|---------|----------|-------------------|
| a. Max. economic benefits to the nation | ___ | ___ | ___ | ___ | ___ |
| b. Harvest capacity matched to resources | ___ | ___ | ___ | ___ | ___ |
| c. Unlimited entry in any fishery | ___ | ___ | ___ | ___ | ___ |
| d. New entrants limited to numbers exiting | ___ | ___ | ___ | ___ | ___ |
| e. Secure places for existing fishermen with opportunities not reduced by new entrants | ___ | ___ | ___ | ___ | ___ |
| f. Maximum benefits to the community | ___ | ___ | ___ | ___ | ___ |
| g. Maximum possible number of fishermen | ___ | ___ | ___ | ___ | ___ |
| h. Maximum possible number of fishing jobs the resource can support | ___ | ___ | ___ | ___ | ___ |

26. What other goals do you strongly support? _____

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6. Fishing Family Assistance

These questions ask about your involvement and views on Fishing Family Assistance Programs in general and about other programs aimed at helping fishermen and their families. Your suggestions for making these programs as useful as possible is invited. *Please use check marks and fill in with more information if appropriate.*

1. Are you aware of Fishing Family Assistance type Programs?

a. ___ N b. ___ Y

2. If yes, how did you become aware? _____

3. Have you ever used any of these programs?

a. ___ N b. ___ Y

4. If yes, what is your opinion of them? _____

5. If no, why haven't you used them? _____

6. What do you think are the best ways to inform fishermen about the kinds of job training programs available to them? _____

7. What type of training/services would you like to see offered through these centers to fishermen experiencing a decline in fishing activity/income? _____

8. What kind of employment/career would interest you if fishing couldn't support you and your family? _____

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9. What services could Centers like this offer to fishermen who want to continue to fish?

10. Would you use a Center that provided free Internet access, computer use for resumes, want ads, and so on?

a. N b. Y

11. Are you planning to stay in fishing?

a. N b. Y

12. How many generations of your family have been involved in the fishing industry? ____

13. Do you fish alone?

a. N b. Y

14. If no, how many crew members do you have now? _____

15. Were you fishing in 1994?

a. N b. Y

16. If yes, how many others were on the boat with you back then? _____

17. Are you interested in a boat buy back?

a. N b. Y

18. If yes, what should the buy back program do? _____

19. Are you interested in using your boat for research, charter, day hire, training or other uses?

a. N b. Y

20. If yes, check one or more:

a. Charter b. Research c. Day-hire d. Training e. Other

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21. Would you be interested in participating in a fishermen's round-table (discussion group, meeting) on gear conflict, new gear and technology, or some other topic?

- a. ___ N b. ___ Y

22. If yes, what topics? _____

23. What additional information do you need to better conduct your business? **Check any that apply**

- | | |
|-------------------------------|---|
| a. ___ More about regulations | g. ___ Local markets |
| b. ___ Export markets | h. ___ Gear technology |
| c. ___ Harvest techniques | i. ___ Buy backs |
| d. ___ Grants | j. ___ On-board processing |
| e. ___ Aquaculture | k. ___ Retraining for yourself or a family member |
| f. ___ Other _____ | l. _____ |

24. Would you be interested in attending a career orientation workshop?

- a. ___ N b. ___ Y

25. Do you have health insurance?

- a. ___ N b. ___ Y

26. Do you need assistance in preparing any of the following? **Check any that apply**

- | | |
|-------------------------------------|----------------------------------|
| a. ___ Loans or credit availability | c. ___ Setting up a new business |
| b. ___ Bankruptcy/ foreclosure | d. ___ Other _____ |

27. What other kinds of assistance or training programs do you think fishermen should be asked about? _____

Thank you very much for your time and effort!

Please return the answer sheets by using the stamped and addressed envelope.

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