Dear U.S. West Coast Albacore Fishermen,

# **INtroduction**

The U.S. West Coast albacore industry generates thousands of jobs and millions of dollars in earnings and spending in coastal communities in Washington, Oregon and California.

The National Marine Fisheries Service’s Southwest Fisheries Science Center (SWFSC) is working with Lisa Wise Consulting, Inc. (LWC) to collect data on the cost and earnings of fishermen operating in the West Coast commercial albacore fishery. **This survey is completely voluntary.** Because you and other vessel owners are the only ones that can provide this information, we encourage you to participate. With a clearer understanding of the economic performance at the vessel level, fishery managers, industry stakeholders and seafood consumers will better appreciate the economic contributions of the commercial albacore fishery and be better informed and motivated to promote and protect it. A clearer understanding of earnings and employment provided by the albacore fishery will enable the industry to better respond to proposed regulation. For example, the results of a similar survey of the drift gillnet fishery conducted for the 2008-2010 period were used to analyze potential employment loss due to the adoption of AB 2019, a bill that would have made drift gillnet landings in California illegal (defeated in May, 2014).

# **Confidentiality**

Data collected by LWC will be provided to NMFS in numeric form with no personal identifiable information such as names, vessel identifiers or anything that can link information on the survey with a vessel owner or fisherman.

# **DATA USE**

Data will be used to inform science and policy-making technical reports, economic and scientific publications and support U.S. participation in international treaty negotiations. The data is also intended to inform the Northwest Fisheries Science Center’s Input-Output (IO-PAC) model for Pacific Coast Fisheries. The type of data collected through this survey can and has been used by industry groups and individual fishermen:

* To quantify the positive economic impacts of the commercial albacore fishery in terms of employment and revenue generated and regional economic impacts on fishing communities.
* To oppose PG&E seismic testing (using cannons) in the nearshore grounds off the Central Coast by illustrating the value of commercial fishing landings in Morro Bay and Port San Luis.
* To help fishermen demonstrate the profitability of the commercial albacore fishery to insurance carriers.
* To emphasize why Americans should demand U.S. caught albacore.

# **Instructions**

Please complete the survey as thoroughly as possible. If you have any questions regarding the survey please contact Henry Pontarelli at henry@lisawiseconsulting.com or (805) 801-9646. The completed survey may be returned via mail in the pre-postage paid return envelope provided in this package.

OMB Control No. 0648-XXXX

 Expiration Date: XX/XX/XXXX

**U.S. WEST COAST COMMERCIAL ALBACORE FISHERY COST-EARNINGS SURVEY**

**Funded by: NOAA Fisheries – Southwest Fisheries Science Center**

**Pacific States Marine Fisheries Commission**

**Conducted by: Lisa Wise Consulting, Inc.**

This survey is being sent to all commercial fishing vessel owners who participated in the West Coast albacore fishery (Washington, Oregon, and California) during 2013.

**CONTACT INFORMATION FOR SURVEY RESPONDENT**

1. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Today’s Date (month/day/year):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. Telephone: (\_\_\_\_)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Mailing address (street, city, state, and zip code):

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**VESSEL OWNERSHIP AND CHARACTERISTICS**

6. Please verify the following information on record about your vessel’s ownership characteristics. If the information shown is incorrect or missing please provide correct information in the Corrections column.

|  |  |  |
| --- | --- | --- |
| **Item** | **Current Information** | **Additions/Corrections** |
| a. Owner’s name(s)  | *Charles Smith*  |  |
| b. Owner’s address | *333 1st Street, Waldport, OR 97005* |  |
| c. Vessel name | *FV Smith* |  |
| d. USCG or state vessel ID | *33221843 or OR33214* |  |

6 (Continued). Please verify the following information on record about your vessel’s characteristics

|  |  |  |
| --- | --- | --- |
| **Item** | **Current Information** | **Additions/Corrections** |
| e. Home port1 | *Newport, OR* |  |
| f. Vessel Length Overall (feet)2 | *75’* |  |
| g. Fuel capacity (gallons)  | *300’* |  |
| h. Engine make and model | *Volvo 350 CI* |  |
| i. Total horsepower of main engines | *350* |  |
| j. Vessel model and year built | *46’ Little Hoquiam Blue-Fin fiberglass, 1974* |  |
| k. Year of vessel purchase | *1990* |  |
| l. Vessel purchase price |  |  |
| m. Capital improvements made since purchase ($) |  |  |
| n. Approximate insured market value of your vessel  |  |  |

1. As indicated in respective state vessel registration
2. From point of the bow to the transom, excluding bow sprits, outboard motors and other appendages

7. On what date did your tax reporting year begin? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For questions 8 and 9, if you do not participate in other fisheries besides Albacore, please respond “Not Applicable.”

**OTHER FISHERY 1**

8. For tax reporting years 2012 and 2013, please identify the fishery other than Albacore in which you were most active in terms of days spent targeting that fishery:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please indicate, in order of importance, up to three reason(s) for targeting this fishery:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**OTHER FISHERY 2**

9. For tax-reporting years 2012 and 2013, please identify the fishery other than Albacore and the Other Fishery 1 stated above in which you were most active in terms of days spent targeting that fishery:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please indicate, in order of importance, up to three reason(s) for targeting this fishery:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FISHING METHODS**

10. Please provide your vessel’s fuel consumption, speed, and crew size (not including captain) when engaged in fishing activity for tax reporting year 2013. If this vessel does not engage in a particular activity, please write “NA” in the appropriate columns.

**2013**

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity** | **Fuel Consumption****(Gallons per Day)** | **Speed****(Knots)** | **Average Crew Size (not including Capt.)** |
| Albacore Pole and Line | Gallons Per Day | KTS |  |
| Albacore Troll | Gallons Per Day | KTS |  |
| Other fishery 1 (From question 8 above) | Gallons Per Day | KTS |  |
| Other fishery 2 (From question 9 above) | Gallons Per Day | KTS |  |

11. Approximate percent of total fishing time spent using the following fishing methods for tax-reporting year 2013:

|  |  |
| --- | --- |
| **Method** | **2013 (approximate %)** |
| Albacore Pole and Line | % |
| Albacore Troll | % |
| Other fishery 1 (From question 8 above)Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | % |
| Other fishery 2 (From question 9 above)Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | % |

12. What type of refrigeration/freezing method is used on your vessel (please circle)?

Blast Brine Ice Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. In what year did you adopt this method? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. What was the initial investment associated with this method? $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

15. How much was spent maintaining this refrigeration/freezing equipment in tax reporting year 2013?

 $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. Please indicate, in order of importance, up to three primary reasons for adopting this type of freezing method:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ANNUAL COSTS AND REVENUES**

Questions 17 through 21 target information on costs and revenues associated with the albacore and two other fisheries you identified in questions 8 and 9.

**FIXED COSTS - ALL FISHERIES**

17. Please indicate fixed costs when targeting ALL fisheries for tax reporting years 2012 and 2013

|  |  |  |
| --- | --- | --- |
| **Fixed Costs (All Fisheries)** | **2012 ($)** | **2013 ($)** |
| a. Mooring and slip fees | $ | $ |
| b. Albacore Organization/Affiliation/ dues | $ | $ |
| c. Electronic equipment repair and maintenance  | $ | $ |
| d. Electronic equipment replacement | $ | $ |
| e. Vessel repair and maintenance | $ | $ |
| f. Engine repair and maintenance | $ | $ |
| g. Engine replacement | $ | $ |
| h. Insurance  | $ | $ |
| i. Interest and financial services  | $ | $ |
| j. Enforcement (fines, legal fees, etc.) | $ | $ |
| k. Purchase of permits for this vessel  | $ | $ |
| l. Organization/Affiliation dues not related to any specific fishery | $ | $ |
| m. Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ | $ |

**VARIABLE COSTS - ALBACORE FISHERY ONLY**

18. For fishing activity targeting Albacore, please provide total annual costs for each category below during your tax reporting years 2012 and 2013. For location of expenditures, please state expenditures made at each location of as a percentage of total. WA = Washington, OR = Oregon, CA = California, Other = All Other Areas.

|  |  |  |  |
| --- | --- | --- | --- |
| **Albacore Variable Costs** | **2012 ($)** | **2013 ($)** | **Location of expenditures** **(percent of total)** **WA OR CA Other** |
| a. Pay to Captain for work in this fishery (including wages, benefits, share payments, bonuses, unemployment insurance, payroll taxes, and other forms of compensation) | $ | $ | % | % | % | % |
| b. Pay to crew for work in this fishery (including wages, benefits, share payments, bonuses, unemployment insurance, payroll taxes, and other forms of compensation) | $ | $ | % | % | % | % |
| c. Fuel and lube | $ | $ | % | % | % | % |
| d. Food and crew provisions  | $ | $ | % | % | % | % |
| e. Ice  | $ | $ | % | % | % | % |
| f. Bait  | $ | $ | % | % | % | % |
| g. Gear repair, maintenance & replacement | $ | $ | % | % | % | % |
| h. Landings taxes  | $ | $ | % | % | % | % |
| i. Offloading | $ | $ | % | % | % | % |
| j. Trucking | $ | $ | % | % | % | % |
| k. Travel | $ | $ | % | % | % | % |
| l. Freight supplies | $ | $ | % | % | % | % |
| m. Communications \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ | $ | % | % | % | % |
| n. Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ | $ | % | % | % | % |

**EX VESSEL REVENUE – ALBACORE FISHERY ONLY**

19. For fishing activity targeting Albacore, please indicate the ex vessel revenues (total sales receipts) during your tax-reporting years 2012 and 2013. If no revenues were generated, please write “NA” in the appropriate box. Include post-landings adjustments in your figures.

|  |  |  |
| --- | --- | --- |
| **Albacore Ex Vessel Revenue**  | **2012 ($)** | **2013 ($)** |
| a. Revenue from landings in Washington | $ | $ |
| b. Revenue from landings in Oregon | $ | $ |
| c. Revenue from landings in California | $ | $ |
| d. Revenue from West Coast at sea deliveries  | $ | $ |
| e. Revenue from All Other Locations | $ | $ |

20. Please estimate the amount of catch that occurred south of the equator, if any: \_\_\_\_\_\_\_\_\_\_\_\_\_LBS

**BREAKDOWN OF ALBACORE SALES BY CUSTOMER TYPE**

21. For each of the product sales sources listed below, please indicate the revenue from fishing activity targeting Albacore during your tax reporting year 2012 and fiscal year 2013.

|  |  |  |
| --- | --- | --- |
| **Product Flow Sale** | **2012** | **2013** |
| a. Revenue from sales to direct consumer ($) | $ | $ |
| b. Revenue from sales to first receiver ($) | $ | $ |
| c. Price per pound attained from direct consumer sale ($/LB) | $/LB | $/LB |
| d. Price per pound attained from sale to wholesale distributor ($/LB) | $/LB | $/LB |
| e. Price per pound attained from “other” ($/LB)Please specify\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $/LB | $/LB |

**CREW COMPENSATION WHILE TARGETING ALBACORE**

The following questions collect information about crew compensation methods used when this vessel is participating in the West Coast (WA, OR, and CA) albacore fishery.

22. Does this vessel use a crew share system?

a. Yes (proceed to question 23).

b. Proceed to question 29.

23. Which of the following expenses were deducted from total revenue before calculating crew share?

a. Fuel and oil Yes No

b. Food and other crew provisions. Yes No

c. Landing taxes Yes No

d. Offloading expenses Yes No

e. Trucking expenses Yes No

f. Other. Please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Yes

g. Other. Please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Yes

h. Other. Please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Yes

24. On what percent of fishing trips does the vessel owner serve as captain? \_\_\_\_\_%

25. On trips when the vessel owner serves as captain, please indicate the share of net revenue (revenue minus the deductions listed in question 23) going to the vessel, captain, and crew. If the vessel owner does not serve as captain on any trips, please circle NA.

Vessel share \_\_\_\_\_\_\_% Captain’s share \_\_\_\_\_\_\_% Crew share \_\_\_\_\_\_\_% NA

26. On trips when the vessel owner does not serve as captain, please indicate the share of net revenue (revenue minus the deductions listed in question 23) going to the vessel, captain, and crew. If the vessel owner always serves as captain, please circle NA.

Vessel share \_\_\_\_\_\_\_% Captain’s share \_\_\_\_\_\_\_% Crew share \_\_\_\_\_\_\_% NA

27. Please indicate the total payout amounts and associated employment period for tax reporting year 2012 for the following:

**2012**

|  |  |  |
| --- | --- | --- |
| Crew Member | Total Payout Amount ($) | Employment Period  |
| Captain | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 1 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 2 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 3 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 4 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 5 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 6 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 7 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |

28. Please indicate the total payout amounts and associated period of employment period for tax reporting year 2013 for the following:

**2013**

|  |  |  |
| --- | --- | --- |
| Crew Member | Total Payout Amount ($) | Employment PeriodStart: MM / DD End: MM / DD |
| Captain | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 1 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 2 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 3 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 4 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 5 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 6 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |
| Crew 7 | $ | Start: \_\_\_\_ / \_\_\_\_ End: \_\_\_\_ / \_\_\_\_ |

**VARIABLE COSTS - OTHER FISHERY 1 ONLY**

29. For each cost category below, please provide total annual costs when targeting the species during your tax reporting years 2012 and 2013. For location of expenditures, please indicate the location of expenditures as a percentage. WA = Washington, OR = Oregon, CA = California, Other = All Other Areas.

|  |  |  |  |
| --- | --- | --- | --- |
| **Other Fishery 1 Variable Costs** | **2012 ($)** | **2013 ($)** | **Location of expenditures** **(percent of total)** **WA OR CA Other** |
| a. Pay to Captain for work in this fishery (including wages, benefits, share payments, bonuses, unemployment insurance, payroll taxes, and other forms of compensation) | $ | $ | % | % | % | % |
| b. Pay to crew for work in this fishery (including wages, benefits, share payments, bonuses, unemployment insurance, payroll taxes, and other forms of compensation) | $ | $ | % | % | % | % |
| c. Fuel and lube | $ | $ | % | % | % | % |
| d. Food and crew provisions  | $ | $ | % | % | % | % |
| e. Ice  | $ | $ | % | % | % | % |
| f. Bait  | $ | $ | % | % | % | % |
| g. Gear repair, maintenance & replacement | $ | $ | % | % | % | % |
| h. Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ | $ | % | % | % | % |
| i. Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ | $ | % | % | % | % |
| j. Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ | $ | % | % | % | % |

**EX VESSEL REVENUE - OTHER FISHERY 1 ONLY**

30. Please indicate the ex vessel revenues (total sales receipts) from this fishery during your tax reporting year 2012 and tax reporting year 2013. If no revenue was generated from a particular source during a particular year, please write “NA” in the appropriate box.

|  |  |  |
| --- | --- | --- |
| **Other Fishery 1 Ex Vessel Revenue**  | **2012 ($)** | **2013 ($)** |
| a. Revenue from landings in Washington | $ | $ |
| b. Revenue from landings in Oregon | $ | $ |
| c. Revenue from landings in California | $ | $ |
| d. Revenue from West Coast at sea deliveries  | $ | $ |
| e. Revenue from All Other Locations | $ | $ |

**VARIABLE COSTS - OTHER FISHERY 2 ONLY**

31. For each cost category below, please provide total annual costs when targeting the species during your tax reporting years 2012 and 2013. For location of expenditures, please indicate the location of expenditures as a percentage. WA = Washington, OR = Oregon, CA = California, Other = All Other Areas.

|  |  |  |  |
| --- | --- | --- | --- |
| **Other Fishery 2 Variable Costs** | **2012 ($)** | **2013 ($)** | **Location of expenditures** **(percent of total)** **WA OR CA Other** |
| a. Pay to Captain for work in this fishery (including wages, benefits, share payments, bonuses, unemployment insurance, payroll taxes, and other forms of compensation) | $ | $ | % | % | % | % |
| b. Pay to crew for work in this fishery (including wages, benefits, share payments, bonuses, unemployment insurance, payroll taxes, and other forms of compensation) | $ | $ | % | % | % | % |
| c. Fuel and lube | $ | $ | % | % | % | % |
| d. Food and crew provisions  | $ | $ | % | % | % | % |
| e. Ice  | $ | $ | % | % | % | % |
| f. Bait  | $ | $ | % | % | % | % |
| g. Gear repair, maintenance & replacement | $ | $ | % | % | % | % |
| h. Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ | $ | % | % | % | % |
| i. Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ | $ | % | % | % | % |
| j. Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ | $ | % | % | % | % |

**OTHER FISHERY 2 ONLY**

32. Please indicate the ex vessel revenues (total sales receipts) from this fishery during your tax reporting year 2012 and tax reporting year 2013. If no revenue was generated from a particular source during a particular year, please write “NA” in the appropriate box.

|  |  |  |
| --- | --- | --- |
| **Other Fishery 2 Earnings Ex Vessel Revenue** | **2012 ($)** | **2013 ($)** |
| a. Revenue from landings in Washington | $ | $ |
| b. Revenue from landings in Oregon | $ | $ |
| c. Revenue from landings in California | $ | $ |
| d. Revenue from West Coast at sea deliveries  | $ | $ |
| e. Revenue from All Other Locations | $ | $ |

33. Additional Variable Costs. Please provide any additional costs resulting from fishing activities in fisheries other than Albacore, Other Fishery One and Other Fishery Two.

2012 $\_\_\_\_\_\_\_\_\_\_, 2013 $\_\_\_\_\_\_\_\_\_\_

34. Additional Revenue. Please provide any additional revenue resulting from fishing activities in fisheries other than Albacore, Other Fishery One and Other Fishery Two, as stated above.

2012 $\_\_\_\_\_\_\_\_\_\_, 2013 $\_\_\_\_\_\_\_\_\_\_

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

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**END OF SURVEY**

Thank you. Public reporting burden for this information collection, including time for gathering data needed, and completing the survey is estimated to average two hours and thirty minutes per respondent. Send comments regarding this burden estimate or any other suggestions for reducing this burden to Dale Squires at 8901 La Jolla Shores Dr, La Jolla, CA 92037 or via email at Dale.Squires@noaa.gov.  Notwithstanding any other provisions of the law, no person is required to respond to, nor shall any person be subjected 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. This survey is conducted under OMB Control No. 0648-XXXX.