## SUPPORTING STATEMENT

West Coast Community Economic Data Collection NOAA Fisheries - Northwest Fisheries Science Center

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.

Data will be collected from a random sample of the owners and operators of businesses, households, and visitors to 8 small fishing engaged communities on the West Coast. Table 1 provides population and commercial fish landings for all West Coast ports with commercial fish landings in 2006. The data in Table 1 indicates that there were 41 small (population less than 10,000 ) fishing engaged communities on the West Coast in 2006.

Table 1 --- Population and Commercial Fish Landings for all West Coast Fishing Engaged Communities

| Region | Port Name | Population (2006) | Total Value of Commercial Fish Landings in 2006 |
| :---: | :---: | :---: | :---: |
| N CA | ALBION | 5,000 | \$34,861.80 |
| N CA | ALAMEDA | 70,699 | \$28,134.92 |
| N CA | POINT ARENA | 473 | \$432,434.19 |
| N CA | BERKELEY | 101,555 | \$55,716.24 |
| N CA | BOLINAS | 1,246 | \$172,427.05 |
| N CA | FORT BRAGG | 6,785 | \$5,326,336.88 |
| N CA | CRESCENT CITY | 4,006 | \$22,755,525.73 |
| N CA | EUREKA | 25,435 | \$11,662,259.10 |
| N CA | FIELDS LANDING | 5,000 | \$53,195.10 |
| N CA | OAKLAND | 397,067 | \$19,773.84 |
| N CA | OTHER HUMBOLDT COUNTY PORTS | NA | \$84,126.80 |
| N CA | OTHER MENDOCINO COUNTY PORTS | NA | \$5,835.08 |
| N CA | OTHER S. F. BAY AND SAN MATEO COUNTY PORTS | NA | \$228,457.74 |
| N CA | OTHER SONOMA AND MARIN COUNTY OUTER COAST PORTS | NA | \$61,607.61 |
| N CA | $\begin{aligned} & \text { PRINCETON / HALF } \\ & \text { MOON BAY } \end{aligned}$ | 12,308 | \$4,779,232.54 |
| N CA | RICHMOND | 102,120 | \$11,955.25 |
| N CA | POINT REYES | 5,000 | \$93,941.04 |


| N CA | SAN FRANCISCO | 744,041 | $\$ 6,962,700.82$ |
| :--- | :--- | ---: | ---: |
| N CA | SAUSALITO | 7,207 | $\$ 31,026.08$ |
| N CA | TOMALES BAY | 5,000 | $\$ 4,780.40$ |
| N CA | TRINIDAD | 314 | $\$ 3,074,629.96$ |
| S CA | AVILA | 5,000 | $\$ 1,022,452.63$ |
| S CA | BODEGA BAY | 1,423 | $\$ 5,453,483.26$ |
| S CA | SANTA CRUZ | 54,778 | $\$ 609,372.11$ |
| S CA | DANA POINT | 35,945 | $\$ 1,547,747.92$ |
| S CA | PORT HUENEME | 21,814 | $\$ 4,266,545.86$ |
| S CA | LONG BEACH | 472,494 | $\$ 562,317.00$ |
| S CA | MONTEREY | 28,803 | $\$ 869,063.04$ |
| S CA | MOSS LANDING | 300 | $\$ 4,876,692.76$ |
| S CA | MORRO BAY | 9,998 | $\$ 1,911,555.30$ |
| S CA | NEWPORT BEACH | 70,032 | $\$ 724,598.06$ |
|  | OTHER SANTA |  |  |
| BARBARA AND |  |  | $\$ 9,106$ |


| OR | PORT ORFORD | 1,164 | \$3,155,756.49 |
| :---: | :---: | :---: | :---: |
| OR | PACIFIC CITY | 1,027 | \$73,090.71 |
| OR | TILLAMOOK/GARIB ALDI | 4,424 | \$4,120,818.90 |
| OR | WINCHESTER BAY | 488 | \$1,298,485.38 |
| OR | WALDPORT | 2,051 | \$65,409.85 |
| WA | ANACORTES | 16,633 | \$7,022,950.28 |
| WA | BELLINGHAM BAY | 75,150 | \$25,249,191.93 |
| WA | BLAINE | 4,508 | \$6,009,712.51 |
| WA | COPALIS BEACH | 489 | \$2,129,393.03 |
| WA | EVERETT | 98,514 | \$1,968,435.94 |
| WA | FRIDAY HARBOR | 2,103 | \$624,210.65 |
| WA | GRAYS HARBOR | 70,900 | \$515,669.96 |
| WA | LA CONNER | 791 | \$2,687,221.71 |
| WA | LA PUSH | 500 | \$2,975,957.21 |
| WA | ILWACO/CHINOOK | 997 | \$19,787,492.06 |
| WA | NEAH BAY | 794 | \$6,610,814.68 |
| WA | OTHER COLUMBIA RIVER PORTS | NA | \$2,761,172.79 |
| WA | OLYMPIA | 44,645 | \$10,679,761.57 |
| WA | OTHER NORTH PUGET SOUND PORTS | NA | \$2,061,058.97 |
| WA | OTHER SOUTH PUGET SOUND PORTS | NA | \$10,675,507.53 |
| WA | OTHER OR <br> UNKNOWN <br> WASHINGTON PORTS | NA | \$339,380.01 |
| WA | OTHER WASHINGTION COASTAL PORTS | NA | \$6,942,789.90 |
| WA | PORT ANGELES | 18,984 | \$419,800.34 |
| WA | SEATTLE | 582,454 | \$9,391,682.60 |
| WA | SEQUIM | 5,688 | \$1,355,369.58 |
| WA | SHELTON | 9,236 | \$24,139,614.45 |
| WA | TACOMA | 196,532 | \$3,731,873.14 |
| WA | PORT TOWNSEND | 9,134 | \$3,078,973.90 |
| WA | WILLAPA BAY | 50,000 | \$19,245,946.68 |
| WA | WESTPORT | 2,499 | \$27,710,594.39 |

The 8 communities surveyed in this project were selected from the population of 41 small fishing engaged communities through the use of a stratified weighted random sampling method. Two communities were selected from each of four strata (Washington, Oregon, Northern California, and Southern California).

Each community's probability of selection into the study was weighted by the percentage of the total value of landings that are accounted for by the ports with populations fewer than 10,000 inhabitants. The probability of each port being selected with in each region was:

$$
\begin{equation*}
P_{n r}=l_{n} / L_{r} \tag{1}
\end{equation*}
$$

where P is the probability of selection, $l$ is the total landings in each port $n$ within the given region $r$, and $L$ is the total regional landings within region $r$. The total coast wide probability that any given port was selected for inclusion was:

$$
\begin{equation*}
P_{n}=\left(l_{n} / L_{r}\right) / k \tag{2}
\end{equation*}
$$

where $k$ is the number of regions (in this case 4).
Table 2 presents the total coast wide probability that any community will be selected for inclusion in the study. The communities will be randomly selected for inclusion in the study based on these probabilities.

Table 2 --- Probability of Selection for Small West Coast Fishing Engaged Communities

| Region | Port Name | Overall (Coastwide) Probability of Selection |
| :---: | :---: | :---: |
| N CA | ALBION | 0.000273 |
| N CA | POINT ARENA | 0.003381 |
| N CA | BOLINAS | 0.001348 |
| NCA | FORT BRAGG | 0.041639 |
| NCA | CRESCENT CITY | 0.177893 |
| N CA | FIELDS LANDING | 0.000416 |
| NCA | POINT REYES | 0.000734 |
| N CA | SAUSALITO | 0.000243 |
| N CA | TOMALES BAY | 0.000037 |
| N CA | TRINIDAD | 0.024036 |
| S CA | AVILA | 0.019271 |
| S CA | BODEGA BAY | 0.102786 |
| S CA | MOSS LANDING | 0.091915 |
| S CA | MORRO BAY | 0.036029 |
| OR | ASTORIA | 0.098695 |
| OR | BANDON | 0.000033 |
| OR | BROOKINGS | 0.024149 |
| OR | CANNON BEACH | 0.000057 |
| OR | DEPOE BAY | 0.000439 |
| OR | FLORENCE | 0.000447 |
| OR | GOLD BEACH | 0.000948 |
| OR | GEARHART - SEASIDE | 0.000299 |
| OR | NEWPORT | 0.098824 |
| OR | NEHALEM BAY | 0.000016 |
| OR | NETARTS BAY | 0.000010 |
| OR | PORT ORFORD | 0.009446 |
| OR | PACIFIC CITY | 0.000219 |
| OR | TILLAMOOK/GARIBALDI | 0.012335 |
| OR | WINCHESTER BAY | 0.003887 |
| OR | WALDPORT | 0.000196 |
| WA | BLAINE | 0.015472 |
| WA | COPALIS BEACH | 0.005482 |
| WA | FRIDAY HARBOR | 0.001607 |
| WA | LA CONNER | 0.006918 |
| WA | LA PUSH | 0.007661 |
| WA | ILWACO/CHINOOK | 0.050941 |
| WA | NEAH BAY | 0.017019 |
| WA | SEQUIM | 0.003489 |
| WA | SHELTON | 0.062145 |
| WA | PORT TOWNSEND | 0.007927 |
| WA | WESTPORT | 0.071339 |

Data collection will involve in-person interviews and/or mail questionnaires sent to selected members of each of the different survey groups. In many cases, individuals may receive the questionnaire in advance to allow them to prepare their responses but may be interviewed via telephone or in person to ensure the clarity of their responses. To the extent practicable, the data collected will be that which the respondents maintain for their own business purposes. Therefore, the collection burden will consist principally of transcribing data from their internal records to the survey instrument and participating in personal interviews. In addition, current data reporting requirements will be evaluated to determine if they can be modified to provide improved economic data at a lower cost to the Agency and with reduced burden on potential respondents.

The eight communities selected with this methodology were Westport, Blaine, Newport, Brookings, Crescent City, Fort Bragg, Bodega Bay, and Moss Landing. Table 3 provides population, number of households, number of businesses, total employment, payroll, and recreational visitors for each of these eight communities.

Table 3 --- Eight Communities Selected for West Coast Community Economic Survey

| Zip Code - City | Population | Households | Businesses | Employ <br> ment | Payroll | Recreational <br> Visitation |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 98595 - <br> Westport, WA | 2,856 | 1,347 | 106 | 1,357 | $\$ 39,162,000$ | 35,000 |
| 98230 - Blaine, <br> WA | 4,508 | 1,818 | 377 | 3,313 | $\$ 143,117,000$ | 32,000 |
| 97365 - <br> Newport, OR | 9,896 | 4,398 | 634 | 5,609 | $\$ 134,103,000$ | 64,220 |
| 97415 - <br> Brookings, OR | 6,344 | 2,758 | 480 | 4,293 | $\$ 103,766,000$ | 16,000 |
| 95531 - Crescent <br> City, CA | 4,006 | 1,669 | 416 | 3,689 | $\$ 89,233,000$ | 20,000 |
| 95437 - Fort <br> Bragg, CA | 6,785 | 2,887 | 535 | 4,203 | $\$ 102,290,000$ | 24,500 |
| 94923 - Bodega <br> Bay, CA | 1,423 | 674 | 49 | 537 | $\$ 12,687,000$ | 70,000 |
| 95039 -Moss <br> Landing, CA | 300 | 125 | 47 | 672 | $\$ 47,925,000$ | 8,400 |

Data Source: Population figures are 2006 estimates prepared by each state, based upon 2000 Census values. Household figures were obtained by taking the persons per household from the 2000 Census and applying the figure to the 2006 population estimate to obtain an estimate of the number of households. Data on number of businesses, employment, and payroll was obtained from the Census Bureau's 2005 Zip Code Business Patterns. Visitation data is estimated from data taken from Wen-Huei Chang and R. Scott Jackson, Economic Impacts of Recreation Activities at Oregon Coastal and River Ports, ERD/EL TR-03-12, U.S. Army Corps of Engineers, August 2003.

The total sample universes for businesses and households are the total numbers of each in each of eight small fishing engaged communities. Total number of households have been determined from U.S. Census records and addresses were obtained from public records searches. The total number of businesses by ZIP code and by 2-digit North American Industry Classification System (NAICS) was obtained from the U.S. Economic Census and from County Business Patterns. The sample universe of recreational visitors is estimated from a study of visitors to Oregon ports done by the U.S. Army Corps of Engineers (Wen-Huei Chang and R. Scott Jackson, Economic Impacts of

Recreation Activities at Oregon Coastal and River Ports, ERD/EL TR-03-12, U.S. Army Corps of Engineers, August 2003).
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.

## Households and business

Households and businesses within each of the selected communities will be randomly selected for inclusion in the study. Names, address, and telephone numbers for businesses and households will be obtained from local government records and from public record searches. The formula for calculating the sample size for a simple random sample without replacement is as follows:

$$
n=\left(\frac{z \sigma}{E}\right)^{2}=\left(\frac{z}{m}\right)^{2}
$$

where,
$z$ is the $z$ value (e.g., 1.645 for $90 \%$ confidence level, 1.96 for $95 \%$ confidence level, and 2.575 for $99 \%$ confidence level);
$\sigma$ is the standard deviation of the population;
E is the acceptable bound on the error or the "margin of error"
$m$ is the margin of error expressed as a proportion of the standard deviation (e.g., $.05=+$ or $-5 \%, .07=+$ or $-7 \%$, and $.1=+$ or $-10 \%$;

For the purposes of this study, we are using a $95 \%$ confidence level and a allowable error of $+/-$ $10 \%$.

The Finite Population Correction (FPC) factor is routinely used in calculating sample sizes for simple random samples. In fact, many sample size formulas for simple random samples include the FPC as part of the formula. It has very little effect on the sample size when the sample is small relative to the population but it is important to apply the FPC when the sample is large ( $10 \%$ or more) relative to the population. The sample size equation solving for $n$ ' (new sample size) when taking the FPC into account is:

$$
n^{\prime}=\frac{n}{1+\frac{n}{N}}
$$

where,
$n$ is the sample size based on the calculations above, and $N$ is population size.

The $n$ ' estimate of sample size will then be multiplied by the estimated response rate to obtain the actual number of surveys that will need to be mailed out.

Table 4 provides the number of households, the household sample size n' calculated using the FPC factor, the expected response rate, and the corresponding number of expected respondents to the household survey in each community. Table 5 provides the number of business establishments, the business establishment sample size $n$ ' calculated using the FPC factor, the expected business response rate, and the corresponding number of expected respondents to the business survey in each community.

Table 4 --- Household Survey Sample Size, Response Rate, and Respondents

| Zip Code - City | Number of <br> Households | Household <br> Sample <br> Size | Household <br> Response <br> Rate | Number of <br> Responses |
| :--- | :---: | :---: | :---: | :---: |
| 98595 - Westport, WA | 1,347 | 299 | .6 | 179 |
| 98230 - Blaine, WA | 1,818 | 317 | .6 | 190 |
| 97365 - Newport, OR | 4,398 | 353 | .6 | 212 |
| 97415 - Brookings, OR | 2,758 | 337 | .6 | 202 |
| 95531 - Crescent City, CA | 1,669 | 312 | .6 | 187 |
| 95437 - Fort Bragg, CA | 2,887 | 339 | .6 | 203 |
| 94923 - Bodega Bay, CA | 674 | 245 | .6 | 147 |
| 95039 - Moss Landing, CA | 125 | 84 | .6 | 57 |
| TOTAL | 15,676 | 2,297 | .6 | 1,378 |

Table 5 --- Business Survey Sample Size, Response Rate, and Respondents

| Zip Code - City | Number of <br> Business <br> Establishments | Business <br> Sample <br> Size | Business <br> Response <br> Rate | Number of <br> Responses |
| :--- | :---: | :---: | :---: | :---: |
| 98595 - Westport, WA | 106 | 83 | .7 | 58 |
| 98230 - Blaine, WA | 377 | 190 | .7 | 133 |
| 97365 - Newport, OR | 634 | 239 | .7 | 167 |
| 97415 - Brookings, OR | 480 | 213 | .7 | 149 |
| 95531 - Crescent City, CA | 416 | 200 | .7 | 140 |
| 95437 - Fort Bragg, CA | 535 | 224 | .7 | 157 |
| 94923 - Bodega Bay, CA | 49 | 43 | .7 | 30 |
| 95039 - Moss Landing, CA | 47 | 42 | .7 | 29 |
| TOTAL | 2.644 | .1235 | 1,201 | 864 |

## Visitors

Estimates of the total number of recreational visitors will be determined by collecting data on total visitor occupancy in local hotels and then surveying respondents at numerous locations and times throughout the city to determine the ratio of visitors staying in hotels and those not staying in hotels. The total number of visitors $(N)$ can then be determined by the following calculation:

$$
N=H T * \frac{T S}{H S}
$$

Where $H T$ is the total number of visitors staying in hotels, TS is the total number of visitors surveyed, and $H S$ is the number of visitors surveyed that stayed in hotels. This method uses two pieces of information --- the number of visitors staying in hotels and the percentage of visitors staying in hotels --- to estimate the total number of visitors. The total number of visitors staying in hotels will be determined from locally available hotel occupancy rates and by surveying hotel guests (to determine the number of visitors per occupied hotel room). The percentage of visitors staying in hotels will be determined from the visitor survey. It is important that the sample for the visitor survey be representative of the visitor population in terms of the percentage of visitors staying in hotels. As a result, the visitor survey will be fielded in each community at multiple locations and at multiple times of the day and days of the week.

The initial questionnaire for visitors contains only four short questions which are estimated to lake less than a minute to answer in total. If the respondent is willing the surveyor would ask the individual the four questions. The respondent would then be asked if they would be willing to answer an additional longer 15 minute questionnaire in exchange for a token gift (NOAA Fisheries tee shirt). If the respondent is not willing they will be asked if they would take the questionnaire home and complete it at their leisure, then return it in a prepaid envelope that is provided. If they are not willing to do this, we thank them for their time and wish them a pleasant day. Impartiality in selection for interviewing is stressed in interviewer training.

Table 6 provides the estimated number of visitors, the visitor sample size, the expected visitor response rate to the initial short questionnaire, the number of short survey respondents, and the number of longer questionnaire respondents for each community. Using the same sample size calculation from above, the total number of visitor interviews needed is as follows (potential
universe size is estimated from Wen-Huei Chang and R. Scott Jackson, Economic Impacts of Recreation Activities at Oregon Coastal and River Ports, ERD/EL TR-03-12, U.S. Army Corps of Engineers, August 2003). The response rate for the longer survey (not shown in the table) is assumed to be the same $60 \%$ as the response rate for the initial short questionnaire. That is, the estimates in Table 6 assume that $60 \%$ of the visitors contacted will complete the short questionnaire, and that of those visitors completing the short questionnaire, $60 \%$ will complete the longer follow-up questionnaire.

Table 6 --- Visitor Survey Sample Size, Response Rates, and Respondents

| Zip Code - City | Annual <br> Recreational <br> Visitors | Visitor <br> Sample <br> Size | Visitor <br> Response <br> Rate | Initial Visitor <br> Questionnaire <br> Responses | Longer <br> Visitor <br> Questionnaire <br> Responses |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 98595 - Westport, WA | 35,000 | 380 | .6 | 228 | 137 |
| $98230-$ Blaine, WA | 32,000 | 380 | .6 | 228 | 137 |
| 97365 - Newport, OR | 64,220 | 382 | .6 | 229 | 137 |
| 97415 - Brookings, OR | 16,000 | 375 | .6 | 225 | 135 |
| 95531 - Crescent City, CA | 20,000 | 377 | .6 | 226 | 136 |
| 95437 - Fort Bragg, CA | 24,500 | 378 | .6 | 227 | 136 |
| 94923 - Bodega Bay, CA | 70,000 | 382 | .6 | 229 | 138 |
| 95039 - Moss Landing, CA | 8,400 | 367 | .6 | 220 | 132 |
| TOTAL | 270,120 | 3,021 | .6 | 1,813 | 1,088 |

## Expected Response Rates:

Based on previous studies of households and businesses, a response rate of about $60 \%$ for households and $70 \%$ for businesses is expected. These response rates are consistent with those reported in Dillman (1974), Dillman (2007), and Fox et al. (1988). For visitors, it is expected that $60 \%$ of the people contacted will be willing to answer the short four question survey. It is then expected that $60 \%$ of the people who answer the initial questionnaire will respond to the longer survey. These are similar to response rates that the USDA Forest Service (2002) received with their National Visitor Use Monitoring (NVUM) study. Additionally, the aforementioned WenHuei Chang and R. Scott Jackson study also received a $60 \%$ response rate for visitors to Oregon ports.

Additionally, adherence to the Dillman method, the use of social exchange, and garnered support from local officials and business leaders will ensure high response rates.
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.

Cooperation from industry representatives has been garnered as well as support of government officials, commercial leaders, and the local population. A "social exchange" framework was utilized to emphasize the potential benefits of responding (greater understanding of the local economy and how to foster desired levels of economic growth) and to reduce the potential time cost to the boat owners. Social exchange is mentioned by Dillman (2007) as a crucial component of any social research survey and is intended to highlight the benefits of responding to the survey
while stating how the survey has been designed to reduce the time and effort costs to the respondents.

A modified Dillman Tailored Design Method (Dillman 2007) will be employed to for the household survey and the business survey. Personalizing correspondence, a respondent friendly questionnaire, multiple contacts with survey participants through multiple modes, and a stamped return envelope will be utilized to increase response rates. The business survey and the household survey will utilize the following protocols:

1. Mailing of an information letter three to five days prior to the mailing of the survey. This letter describes the kind of information that the survey will ask, describes how the information will be used, and highlights the benefits of the survey to the respondent. Correspondence will be personalized wherever possible. The household survey correspondence will be addressed to the head of household. The business survey correspondence will be directed (where appropriate) to the business owner. In cases where the business owner is deemed unlikely to be at the local mailing address (such as a large national chain store), the letter will be sent to the store manager rather than a specific individual.
2. Three to five days after the information letter is mailed, the actual survey instrument will be mailed with a detailed cover letter explaining the purpose of the study, the survey population, and the expected benefits.
3. Two weeks after the survey is mailed, a thank you/reminder post card is mailed
4. Two weeks after the post card is mailed, a replacement survey and cover letter will be mailed to nonrespondents
5. Two weeks after the replacement surveys are mailed, calls will be made to nonrespondents. Nonrespondents to the household survey will be asked if 1) they have received the survey, 2) whether the survey was sent to the correct person in the household, and 3) if they need help in completing the survey. Up to a maximum of five attempts (made at different times of the day on different days of the week) will be made to contact household survey nonrespondents. Messages will be left only on odd numbered attempts. Nonrespondents to the business survey will be asked if 1) they have received the survey, 2 ) whether the survey has been sent to the correct contact person, and 3) if they need any help in completing the survey. If the survey was not initially sent to the correct contact person, information on the correct contact person will be collected and survey materials will be mailed directly to that person. While only five attempts will be made to contact household survey nonrespondents when no answer is obtained, more than five calls may be made to business survey recipients in cases where improved contact information is obtained.

To reduce the possibility of unit non-response bias, a chi square test for structural differences will be employed to ensure that non-respondents from the survey of businesses are not systematically different from the population as a whole in known attributes such as business size (as measured by number of employees) and business type (as measured by NAICS code). A similar analysis will be performed on households to ensure that respondents are not systematically different from nonrespondents in known attributes such as household size and income stratification.

Sample post-stratification methods will then be used to generate weighting classes if structural differences are found.

For the visitor survey, a token gift will be offered to respondents willing to fill out the 15 minute survey. The token gift will be a tee shirt designed for this project, the total value not exceeding $\$ 5$.

Data collection will begin approximately two months after OMB approval is received. If approval is received by September 1, 2008, data collection will begin in November 2008. Data collection will be completed in all eight communities by the end of summer 2009.
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.

None
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.

Carl Lian, Ph.D.
Economist
NOAA Fisheries
206-302-2414
Philip Watson, Ph.D.
Economist
University of Idaho
208-885-6934
Don English, Ph.D.
Economist
US Forest Service
202-205-9595
Eric White, Ph.D.
Economist
US Forest Service
541-750-7422.

