SUPPORTING STATEMENT FOR THE NATIONAL RECREATIONAL BOATING SURVEY

PART B

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1 Collection of Information Employing Statistical Methods

In the service of promoting public safety and contributing to policy decisions, the United States Coast Guard (USCG) is undertaking a National Recreational Boating Survey (NRBS). The NRBS concerns two populations (A) the population of recreational boats and (B) the population of recreational boating participants.

The purposes of the NRBS in order of priority are to measure:

1. Exposure:
    a. Boat and boater hours on the water
    b. Boat hours in docked recreation
2. Boating participation and boat ownership
    a. Total annual participation overall
    b. Total annual participation by boat type
    c. Total boat ownership
3. Boating safety awareness and behaviors
    a. Lifejacket use
    b. Reasons for life jacket use
    c. Alcohol use and boat operation
4. Economic impact of recreational boating
    a. Money spent on boats
    b. Money spent in communities on boat trips
5. Negative event Incidence and risk
    a. Actual and reported accidents that cause injury and boat damage
6. Boat statistics
    a. Features of boats such as hull material and propulsion systems

The NRBS system includes three surveys designed to comprehensively measure boats and boaters in the United States. The NRBS system design is driven by a desire to achieve comprehensive population coverage and high quality measurement of a variety of boat features and boating activities. Exhibit 1 contains an introduction to the structure of the NRBS. We refer to this structure several times in this document.

There are two core surveys in the program: the Boat Survey, supplemented by a regular Trip Survey with a panel of boats; and the Participant Survey. The Boat Survey is an annual survey of recreational boats (registered and unregistered) in the United States. This survey is supplemented by a panel in response to thoughtful comments provided in the comment period for this OMB submission. A monthly Trip Survey using a panel sample source is the best way to collect accurate data about number and duration of actual trips taken on recreational boats. The Participant Survey is an annual population-based survey of US residents regarding their boating behaviors.

The Coast Guard will use this survey data for the sole purpose of producing statistical summaries at the state as well as at the national levels. At the end of the data collection phase, personal data such as names, addresses, telephone numbers, and e-mail addresses will no longer be used neither by the Coast

Guard, nor any other parties involved in the NRBS including the contractor, and the Coast Guard boating partners. Only individual-level data related to boat types, and boating participation will be shared with the CG boating partners. Moreover, all recreational boating participants who will be contacted, will be given the opportunity to decline participating in this survey.

Exhibit 1: Survey Questionnaires and Data Collection

Survey	Mode(s)	Sample source(s)	Universe		Respondent	Analytic Goals
Boat Survey	Phone	RDD	Privately owned recreational boats	Unregistered recreational boats	Member of boat-owning household	2-Ownership and participation 4-Economic impact of boating 6-Boat statistics 1-Exposure (2010 only)
				Registered recreational boats in all states	Member of boat-owning household	
	Mail	Registry Lists	Privately owned recreational boats	Registered recreational boats in states sharing lists	Registered boat owner	
Trip Survey	Web, Phone	Panel	Privately owned recreational boats		Boat owner panelist	1-Exposure 3-Safety awareness and behaviors 4-Economic impact of boating 5-Negative events
Participant Survey	Phone	RDD	Boating participants	U.S. households	Any adult household member	2- Ownership and participation 3- Safety awareness and behaviors
				U.S. child (<16) boating population	Any adult household member (proxy)	
				U.S. adult boating population	Adult boater	
			Rented boats		Adult boater: rented boat	1-Exposure 3-Safety awareness and behaviors 4-Economic impact of boating 5-Negative events

RESPONDENT UNIVERSE AND SAMPLING METHODS

We have divided this section into two parts to describe two universes: the universe of boats and the universe of boating participants. In each section, we provide (a) a definition of the universe, (b) sample sources, (c) sampling and respondent selection methods, (d) population and sample sizes, and (e) expected response rates.

The Universe of Recreational Boats

The universe for the Boat Survey and the Trip Survey supplement is all recreational boats stored in the U.S. on January 1 of the survey year where a "recreational boat" is a boat not used for any commercial purposes.

The universe of recreational boats includes:

Privately owned, registered boats;
Privately owned, unregistered boats; and
Rented boats (such as canoes) that are captained by private citizens[1]—people who are not professional boat captains.

The universe does not include:

Boats owned or captained by professional captains—people who captain boats for commercial purposes.

The survey of recreational ***boats*** (as opposed to boaters or participants) consists of two components (a) a Boat Survey, collecting specific information about a selected boat, and (b) a Trip Survey, covering information about events associated with the boat while it was in use. In response to comments to the OMB 30-day notice, we here revise our terminology from "Mail Survey" to "Boat Survey" to help clarify the intersection of mode and questionnaire.

Also in response to comments, we have added a panel design to support trip-level data collection for measures such as exposure. The most important goal of the NRBS is to collect accurate information about the amount of time that boats are on the water. This exposure estimate will serve as the denominator in safety measures such as accident incidence. Because people are inaccurate in estimating averages of concepts like duration (see Section 1.2.4), encounter- or trip-based sampling to obtain this information is best. In particular, the Trip Survey that panelists will complete will ask for an estimate of the number of hours on the water during a particular, very recent trip.

1.1 Sample Sources

For the Boat Survey, the universe is all recreational boats. There are two sources for selecting a sample of recreational boats:

Boat registration databases cover:

[1] Note that rented boats are in the universe of interest for analytic goals 1, 3, and 5. USCG desires to know about events that occur on these boats but does not require information about number, expenditures, or 'statistics' such as size for these boats.

- Registered boats in states where lists are available, and
- Boats documented with the United States Coast Guard.

A stratified national RDD (landline and cell phone) sample covers:

- Registered and documented boats,
- Registered boats in states where lists are not available,
- Unregistered boats, and
- Rented boats.

Most states make their registration databases available to the public. For efficiency, where boat registration databases are available, the Boat Survey will be a dual-frame, dual-mode survey using mail and telephone RDD with a cell phone component. Where databases are not available, the Boat Survey will be telephone RDD with a cell phone component. The boat registration database and the RDD frame overlap and require dual-frame adjustments.

At the end of both the mail and RDD Boat Surveys, we will recruit respondents to the panel of boats. Unless a panelist opts out of the panel explicitly via the telephone and e-mail contacts provided, they will remain in the available sample for up to 12 months from their initial opt-in. The sample for each panel survey administration will be selected from the panel, excluding recent respondents (within 3 months), and stratified to achieve targets by state and by boat type.

1.2 Sampling and Respondent Selection Methods

Sampling

Respondent Selection

Boat Survey

The Boat Survey will be conducted at the beginning of the survey year and will collect information on registered and unregistered, owned recreational boats. Boats will also be recruited to provide information about specific trips at a later time in the year. There are two sampling frames for the Boat Survey: boat registration lists for a mail survey of registered boat owners, and RDD landline and cell phone numbers for a telephone survey of owners of unregistered or unlisted boats.

Boats on the registration database will be stratified by state and boat type. Rare boat types will have a higher selection probability than common boat types. The measure of size is provided in *Section 1.2.2*. Mail surveys will be directly addressed to the registered boat owner. A systematic sample of boats will be sampled from each stratum (state and boat type) with equal probability. Within each stratum, boats will be sorted (implicit stratification) by ZIP code and owner. Registered boat owners are selected with probability proportional to size based on the weighted number of registered boats they own.

An RDD survey will be conducted for states without registry information and to reach unregistered boaters. The sample will consist of a list-assisted RDD sample of telephone numbers. To build the list-assisted frame, all possible telephone numbers are divided into blocks (or banks) of 100 numbers. A 100-block is the series of 100 phone numbers defined by the last two digits of a 10-digit phone number. For phone numbers with the first eight digits in common, there are 100 possible combinations of the last

two digits (ranging from 00-99). To enhance efficiency and reduce costs, the frame excludes zero-blocks, i.e., those 100- blocks with zero listed phone numbers.

Telephone numbers will be stratified into state-based strata according to the primary state served by the area code and prefix. Upon reaching a household, an adult household member will provide a roster of the boats owned by members of the household. If the respondent is not capable of providing the details necessary for the roster, another adult will be requested. Boats will be stratified into the categories listed in *Section 1.2.2*. Rare boat types will be subsampled at a higher rate than common boat types. This double sampling for stratification is designed to increase the number of rare boats in the sample.

The owner of each selected boat will be recruited to participate in the trip panel. That is, the panel of boats that will be contacted to complete the Trip Survey.

1.3 Population and Sample Sizes

The population for the Boat Survey is all registered and unregistered boats. The estimated boat ownership percentage in the U.S. is 18 percent of households[2], but it varies by state. To estimate the variation in boat ownership by state, we used the number of registered boats[3] to calculate registered boats per capita in each state. We then translated this to households based on an average of 2.6 persons per household.[4] Since the registered boats represent approximately 60 percent of the boat owners, we multiplied the per capita registered boat rate by 1.67 to create an estimate of per capita boat ownership (60% registered + 40% unregistered). Finally, we bounded the state-level calculations by 9 percent (0.5 national average) and 36 percent (twice the national average). The resulting population estimates are provided in Exhibit 2.

The sample sizes in the table below include the number of owners contacted for the Boat Survey, the number of boat owners that we expect to agree to participate in the trip panel, and the expected number of trip responses annually. The methods for determining these sample sizes appear below in Section 1.2.2)

[2] Based on internal boat ownership data.
[3] Based on internal USCG information
[4] ACS 3-year estimates.

Exhibit 2: Population of Boats and Anticipated Sample Sizes for the Boat Survey and the Trip Survey

STATE		2008 Population (000s)	Registered Vessels	Est Boat Owning HHs	Boat Owners	Boat Panelists	Trip Responses
Total	Total U.S.	304,056	12,801,021	18%	30000	19500	36163
AL	Alabama	4,662	274,176	25%	663	431	1120
AK	Alaska	686	47,548	30%	200	130	169
AZ	Arizona	6,500	144,570	10%	301	196	508
AR	Arkansas	2,855	206,195	31%	520	338	879
CA	California	36,757	964,881	11%	1389	903	2347
CO	Colorado	4,939	98,055	9%	201	131	170
CT	Connecticut	3,501	108,539	13%	243	158	205
DE	Delaware	873	61,569	31%	200	130	169
DC	Dist of Columbia	592		9%	200	130	169
FL	Florida	18,328	991,680	23%	2355	1531	3980
GA	Georgia	9,686	344,597	15%	749	487	1265
HI	Hawaii	1,288	15,094	9%	200	130	338
ID	Idaho	1,524	91,612	26%	200	130	169
IL	Illinois	12,902	379,354	13%	791	514	668
IN	Indiana	6,377	241,474	16%	532	346	449
IA	Iowa	3,003	213,767	31%	538	349	454
KS	Kansas	2,802	93,900	15%	200	130	169
KY	Kentucky	4,269	176,716	18%	420	273	355
LA	Louisiana	4,411	301,249	30%	699	455	1182
ME	Maine	1,316	112,818	36%	311	202	263
MD	Maryland	5,634	202,892	16%	342	222	289
MA	Massachusetts	6,498	145,496	10%	303	197	256
MI	Michigan	10,003	830,743	36%	2157	1402	1823
MN	Minnesota	5,220	866,496	36%	2250	1463	1901
MS	Mississippi	2,939	180,356	27%	440	286	743
MO	Missouri	5,912	321,782	24%	765	497	646
MT	Montana	967	79,651	36%	219	142	185
NE	Nebraska	1,783	83,722	20%	205	133	173
NV	Nevada	2,600	59,895	10%	200	130	338
NH	New Hampshire	1,316	100,261	33%	246	160	208
NJ	New Jersey	8,683	183,147	9%	236	154	200
NM	New Mexico	1,984	38,100	9%	200	130	338
NY	New York	19,490	494,020	11%	997	648	843

STATE		2008 Population	Registered Vessels	Est Boat Owning	Boat Owners	Boat Panelists	Trip Responses
NC	North Carolina	9,222	375,815	18%	840	546	1420
ND	North Dakota	641	53,519	36%	200	130	169
OH	Ohio	11,486	415,226	16%	905	588	765
OK	Oklahoma	3,642	223,758	27%	546	355	922
OR	Oregon	3,790	184,147	21%	427	278	361
PA	Pennsylvania	12,448	342,427	12%	505	328	426
RI	Rhode Island	1,051	43,665	18%	200	130	169
SC	South Carolina	4,480	442,040	36%	1132	736	1913
SD	South Dakota	804	53,570	29%	200	130	169
TN	Tennessee	6,215	274,914	19%	626	407	1057
TX	Texas	24,327	599,567	11%	1203	782	2033
UT	Utah	2,736	76,921	12%	200	130	169
VT	Vermont	621	31,482	22%	200	130	169
VA	Virginia	7,769	251,440	14%	535	348	905
WA	Washington	6,549	270,789	18%	607	395	513
WV	West Virginia	1,814	63,064	15%	200	130	169
WI	Wisconsin	5,628	617,366	36%	1603	1042	1355
WY	Wyoming	533	26,956	22%	200	130	169
PR	Puerto Rico	3,954	N/A	10%	200	130	338

1.4 Expected Response Rates

The Boat Survey has two components: the mail survey and the RDD survey. Based on the results of the 2002 National Recreational Boating Survey, we anticipate a response rate of about 40 percent from the mail survey after initial and replacement questionnaire mailings. We also expect a response rate of 40 percent to the RDD telephone surveys which will be used to address coverage issues relating to registration laws and availability of registry lists.

The Trip Survey will be conducted by internet with a telephone follow-up to non-respondents and individuals who do not provide e-mail addresses. Based on ICF Macro's experience building a respondent panel of recreational anglers in New Jersey, we expect that 65% of invited boat owners will agree to participate in the panel. Panelists will be surveyed up to four times annually. In any given survey administration, we expect 65 percent of the invited panelists to complete the Trip Survey. Therefore, we expect the overall response rate for any given month to be 42.25%. Panelists will remain in the panel for subsequent months even if they don't respond in any given month unless they explicitly request removal. We anticipate panel attrition of about 10 percent over the course of the survey year.

As a whole, the field of survey research has been experiencing a decline in response rates over recent years. Lower response rates are often used as an indicator for the risk of non-response bias in a study, where those who respond are substantially different from non-respondents. In the absence of high response rates, a non-response analysis helps to justify the accuracy of the survey data.

We intend to evaluate the extent of non-response bias by comparing NRBS results to external data sources. Many of these comparisons are inherent in the weighting for non-response, such as differential non-response by boat type. The use of repeated measures in the boat panel permits an analysis using key survey items collected during the baseline survey. The baseline data includes those who refuse to participate in the panel and those who agree, but then do not respond when asked. Both forms on non-response can be evaluated using comparisons to the baseline data.

The Universe of Boating Participants

The second universe of interest to the NRBS is boating *participants*. The base for the universe of boating participants is the U.S. household population. It is a goal of the survey to determine the proportion of all Americans who have participated in recreational boating during the reference year. A boating participant is defined as someone who has spent time on a recreational boat, docked or on the water, during the reference period.

Within this universe, the NRBS is concerned with two further populations:

- Children who boat, and
- Adults who boat.

Adult is defined as being at least 16 years old. Including all adults ages 16 or older is important for safety estimates since people who are 16 years old are permitted to operate motor boats unsupervised in many states (United States Coast Guard, 2008).

1.5 Sample Source

The Participant Survey sample will be a national RDD telephone sample with landline and cell phone components. More details on the approach to data collection appear in Section 1.3.5.

1.6 Sampling and Respondent Selection Methods

Sampling

The Participant Survey sample will consist of a list-assisted RDD sample of telephone numbers. To build the list-assisted frame, all possible telephone numbers are divided into blocks (or banks) of 100 numbers. A 100-block is the series of 100 phone numbers defined by the last two digits of a 10-digit phone number. For phone numbers with the first eight digits in common, there are 100 possible combinations of the last two digits (ranging from 00-99). To enhance efficiency and reduce costs, the frame excludes zero-blocks, i.e., those 100- blocks with zero listed phone numbers.

Telephone numbers will be stratified into state-based strata according to the primary state served by the (area code and prefix). A sample of cell phone numbers will also be included in each state. The RDD sample will be structured to achieve 20% of the total phone sample by cell phone in the first survey year, 25% in the second, and 30% in the third. These proportions are based on the anticipated proportion of the US adult population that will be reachable mostly or only by cell phones over time.

Respondent Selection

The RDD survey has a somewhat complex respondent selection. The survey has been designed to maximize data quality and to minimize handoffs. For the Participant Survey portion, there are up to three survey subjects:

- Any household member (boating or non-boating),
- A boating child, or
- A boating adult.

The qualified household member is anyone over the age of 16. That person is required to enumerate the household members and provide information on whether each has boated recently. He or she need not personally have boated in the target period. The enumeration data support participation estimates and also subject selection for the next two phases.

Data for the child will be collected by proxy. There are only two questions in this section, and both concern topics that an adult household member should be able to report on: safety behaviors. A random child is selected from the set of household boating participants who are under 16 years of age. The household member answers questions regarding this child.

A boating adult is randomly selected from the set of household boating participants who are 16 and over. If the household member and the boating adult are not the same person, the survey requires a transfer to the boating adult.

1.7 Population and Sample Sizes

The population for the boating Participant Survey is all children and adults in the United States. To survey the population, we will conduct household interviews with one adult in the household.

Exhibit 3: Population of Participants and Anticipated Sample Sizes for the Participant Survey

STATE		2008 Population (000s)	Sample Size
Total US		304,056	16640
AL	Alabama	4,662	320
AK	Alaska	686	320
AZ	Arizona	6,500	320
AR	Arkansas	2,855	320
CA	California	36,757	320
CO	Colorado	4,939	320
CT	Connecticut	3,501	320
DE	Delaware	873	320
DC	Dist of Columbia	592	320
FL	Florida	18,328	320
GA	Georgia	9,686	320
HI	Hawaii	1,288	320

STATE		2008 Population	Sample Size
Total US		304,056	16640
ID	Idaho	1,524	320
IL	Illinois	12,902	320
IN	Indiana	6,377	320
IA	Iowa	3,003	320
KS	Kansas	2,802	320
KY	Kentucky	4,269	320
LA	Louisiana	4,411	320
ME	Maine	1,316	320
MD	Maryland	5,634	320
MA	Massachusetts	6,498	320
MI	Michigan	10,003	320
MN	Minnesota	5,220	320
MS	Mississippi	2,939	320
MO	Missouri	5,912	320
MT	Montana	967	320
NE	Nebraska	1,783	320
NV	Nevada	2,600	320
NH	New Hampshire	1,316	320
NJ	New Jersey	8,683	320
NM	New Mexico	1,984	320
NY	New York	19,490	320
NC	North Carolina	9,222	320
ND	North Dakota	641	320
OH	Ohio	11,486	320
OK	Oklahoma	3,642	320
OR	Oregon	3,790	320
PA	Pennsylvania	12,448	320
RI	Rhode Island	1,051	320
SC	South Carolina	4,480	320
SD	South Dakota	804	320
TN	Tennessee	6,215	320
TX	Texas	24,327	320
UT	Utah	2,736	320
VT	Vermont	621	320
VA	Virginia	7,769	320
WA	Washington	6,549	320
WV	West Virginia	1,814	320
WI	Wisconsin	5,628	320

STATE		2008 Population	Sample Size
Total			
US		304,056	16640
WY	Wyoming	533	320
PR	Puerto Rico	3,954	320

1.8 Expected Response Rates

The call attempt protocols for the NRBS have been intentionally designed to maximize contact with potential respondents. Given the general trend toward lower response rates for household surveys (Groves, 2004), the anticipated response rate for the NRBS Participants Survey is 45 percent.

Procedures for the Collection of Information

The NRBS consists of three data collection components:

1. A national Boat Survey, conducted by RDD phone and mail to collect information about owned boats and recruit boats to the panel;
2. A multi-mode Trip Survey of boats to collect information about individual trips; and
3. A national Participant Survey conducted by RDD phone to collect information from all boating participants.

The design of each of these elements is complex. They contribute in different ways to information about boats and boating participants, and a general outline of the structure of the system appears in Exhibit 1. In this section, we begin with an overview of the survey program, then proceed to each survey component, and finally discuss the sampling and specific data collection details.

Exhibit 4 shows the schedule of data collection. The NRBS is a biannual survey designed to collect data about boating participation and boat activities for 2011, 2013 and beyond.

Exhibit 4: Survey program schedule

		Boat Survey	Trips Survey	Participant Survey
2010	Q1			
	Q2			
	Q3			
	Q4	x		
2011	Q1		x	x
	Q2		x	
	Q3		x	
	Q4		x	
2012	Q1			x
	Q2			
	Q3			
	Q4	x		
2013	Q1		x	
	Q2		x	
	Q3		x	
	Q4		x	
2014	Q1			X

There are three survey components, depicted in Exhibit 1 at the beginning of this document:

- The **Boat Survey** (see Appendix A) collects information about how many and what kinds of boats are owned and some information about how much money boat owners spend on their boats. The survey will be conducted in the fourth quarter of the year preceding the target year. This staggered data collection schedule will ensure that the panel of boats to participate in the Trip Survey is established before the target year begins.
- The **Trip Survey** (see Appendix B) will proceed monthly during the survey year. This survey samples individual trips that boats have taken and collects information about what happened on those trips: how long they lasted, what safety events occurred, and what money was spent. The sample for the Trip Survey will be boats that have responded to the Boat Survey.
- The **Participant Survey** (see Appendix C) collects information about who has spent time boating during the year. We will conduct this survey in the first quarter of the year subsequent to the target year.

This section provides separate discussions of the following elements of data collection for the Boat and Participant populations:

- Statistical methodology for stratification and sample selection
- Estimation and statistical testing procedures, and

- Survey instrument

Where processes converge in the actual data collection, we offer a separate section to discuss ICF Macro's approach to data collection and quality assurance for RDD, mail, and panel phone/web data collection. Recreational Boats

1.9 Survey development

The surveys are based on the Coast Guard's research objectives as well as questions provided by an Advisory Committee including researchers at Michigan State University who have conducted many similar surveys.

We cognitively tested each of the survey instruments with 27 people (9 for each instrument). For the most part, respondents (including less experienced boaters and boat owners) understood the questions. During testing, we identified issues with:

- Flow of the household enumeration section of the Participant Survey;
- Comprehension of the lifejackets questions (specifically the ability to distinguish between types); and
- Comprehension of terms associated with boats in use and not in use ("docked", "parked", etc.)

After approximately half of interviews were completed, the cognitive testing team met to discuss results and modify the surveys. Modifications were tested in the remaining interviews and found to resolve the identified problems with comprehension.

Key to the goals of the project is accurate self-reporting of time on the water and number of trips. Respondents were able to report time on the water and number of trips for the one month reference periods in the Trip Survey. Without a benchmark (actual knowledge of numbers of trips or time), it is impossible to test whether these responses were accurate, but respondents were relatively certain. When probed, some respondents said they might have been on the water for an hour more or less, for instance, but not for several hours more or less. During survey administration, we will be able to evaluate the consistency of responses across trip surveys within respondents. If within-respondent error were not lower than between-respondent error, that would be evidence that the questions were "noisy", and we could revisit their content or structure.

The cognitive testing report is included with this submission.

1.10 Statistical Methodology for Stratification and Sample Selection

The sample for the Boat Survey was designed to meet objectives at state and national levels. To support these objectives, the stratification for the boat sample is based on state and boat type. Sample sizes for the Boat and Trip Surveys appear above in Exhibit 2.

To support state-level estimates, we instituted a minimum sample size for states with small boating populations. In support of national-level estimates, we optimally allocated sample to states based on the estimated cost of conducting a survey with a boating household. The result is a design that balances state-level and national-level objectives.

Estimated state-level cost conducting a survey with a boating household varies based on the percentage of boating households in the state and whether the state provides a boat registration database.

Cost per interview for registry states

In registry states, the Boat Survey is a mail-phone dual frame for registered boaters and telephone for unregistered boaters. We estimated that, on average, a telephone survey with an unregistered boater costs 10 times the cost of a mail survey with a registered boater. In states with higher percentages of boating households, the cost ratio is less since fewer households are screened out in the telephone survey. In states with lower percentages of boating households, the cost ratio is higher since more household screening is required. We adjusted the average cost ratio for the telephone survey based on the estimated state-level boating household percentages (described in Section 1.1.1.3). We then determined the optimal ratio of registered boaters to unregistered boaters for the final sample in each state. The optimal allocation was calculated based on the state-level cost ratios and the assumption that 40 percent of boat owners will be unregistered (60 percent will be registered,)[5]

$$p_u = \frac{0.4}{\sqrt{c_{u,s}}} \Big/ \left(\frac{0.4}{\sqrt{c_{u,s}}} + \frac{0.6}{\sqrt{c_{r,s}}} \right)$$ and $p_r = 1 - p_u$.

Based on the optimal allocation of sample to registered (mail) and unregistered (phone boaters in each state, we used a weighted average to estimate the state-level average cost per interview,

$$c_s = c_{u,s} p_u + c_{r,s} p_r$$.

Cost per interview for non-registry states

In non-registry states, there is no mail component so the average cost per interview is based on the cost to conduct a telephone interview and the estimated percentage of boating households in the state.

State sample allocation

Next, we optimally allocated sample to states based on the total number of registered boats in the state (R_s) and the average cost per interview, $n_s = n \frac{R_s}{\sqrt{c_s}} \Big/ \sum \frac{R_s}{\sqrt{c_s}}$. States allocated less than 200 boats were increase to a minimum of 200 boats. The minimum sample size is based on achieving boating estimates with an error margin of +/-8 percent at the 95 percent confidence level. The sample sizes to meet this requirement were based on a percentage of 50 percent and a design effect of 1.3. The design effect is anticipated based on the oversampling of registered boaters relative to unregistered boaters.

[5] This assumption is based on internal survey data on boat ownership.

Sample sizes in states where the minimum was not imposed were adjusted down to maintain the overall sample size.

The final allocation is presented above in Exhibit 2.

1.11 Estimation and Justification of Sample Size

The sample sizes at the national level are based on achieving acceptable precision for

1. Overall boat estimates with an error margin of +/-1 percent at the 95 percent confidence level, and
2. Boat type estimates with error margin of at least +/-3 percent at the 95 percent confidence level.

The boat types of interest are presented in the table below along with anticipated ownership rates (note some owners own more than one boat type). The expected design effect at the national level is 1.4, which includes the effect due to disproportionate sampling of states (estimated deff=1.07) and the disproportionate sampling of registered and unregistered boaters (deff=1.3). Based on this design effect, the minimum sample size for achieving the desired level of precision for boat types is 1,500. With a sample size of 30,000, we expect this sample size to be achieved for all relevant boat types except power boats larger than 28 feet, sail boats 25 feet or less and sail boats over 25 feet. For these boat types, we will oversample relative to other boat types to achieve the desired sample size. The oversampling ratios are presented in the table below.

Exhibit 5: Anticipated Sample Sizes of Participants by Boat Type

Watercraft Type/Size	Boat Ownership Rate	Oversampling ratio	30,000
Power boat, <16 ft	25.8%	1.0	6,900
Power boat, 16-20 ft	21.0%	1.0	5,600
Power boat, 21-28 ft	9.6%	1.0	2,600
Power boat, >28 ft	3.6%	1.6	1,500
Sail, <25 ft	5.0%	1.1	1,500
Sail, >25 ft	5.0%	1.1	1,500
Pontoon boat	15.0%	1.0	4,000
Personal Water Craft (PWC)	24.0%	1.0	6,400

1.12 Estimation and Statistical Testing Procedures

The boat sample will be weighted to the total number of boats (registered and unregistered) in each state. The number of registered boats is known for each state (R_s). This will be the inflation factor for the state-level sample of registered boats, $w_i = \frac{1}{Pr_i} \times R_s / \sum_s \frac{1}{Pr_i}$, where Pr_i is the boat's selection probability. Pr_i is calculated differently for registry and non-registry states. For registry states, boats are stratified by boat type with rare boats sampled at a higher probability than common boat types. Within each stratum, boats are selected with equal probability.

To reach registered boats in non registry states and unregistered boats in every state, boats are selected through RDD, which is a two-stage cluster sample with households as the primary sampling unit and boats as the secondary sampling unit. For each state, the probability that a telephone number is selected from the RDD frame is the number of selected telephone numbers (*n*) from the RDD frame divided by the number of possible numbers on the frame (*N*). Households are selected with a probability proportionate to the number of telephone lines in the household. To adjust for the unequal probabilities in households with more than one telephone line, the probabilities are multiplied by the number of telephone lines as recorded during the survey (L_i). Within each household we select one boat from all eligible boats in the household (B_i). For household *i*, the probability of a boat being selected for the sample is $\Pr_i = \frac{n}{N} \times \frac{L_i}{B_i}$.

Since the Boat Survey is a cell and landline dual-frame with overlap, we combine the two samples with a weighted average of the dual users (overlapping group).

For efficiency in registry states, registered boats are selected from the registry and through RDD. To account for the increased probability of selection for registered boaters, we use a dual-frame weighting adjustment. The adjustment is based on a weighted average of the two independent samples of registered boaters, both of which are inflated to the total number of registered boats (known from the registry). The weighted average is derived from the sample sizes for the two components.

The number of unregistered boaters in the state is unknown. We estimate the total number of unregistered boaters (U_s) with a ratio estimator. The estimator is based the design-weighted estimate of unregistered boaters (u_s) estimated in the RDD sample relative to the number of registered boaters (r_s), $\hat{U}_s = \frac{u_s}{r_s} \times R_s$. This will be the inflation factor for the state-level sample of unregistered boats, $w_i = \frac{1}{pr_i} \times \hat{U}_s / \sum_s \frac{1}{pr_i}$, where Pr_i is calculated as described above for RDD samples. Note that all boat weighting will be for each boat type within a state when the sample size is adequately large.

Each month, the boats selected for reporting trips will be weighted to match the total number of boats in each state, $w_{m,i} = w_i \times R_s / \sum_s w_i$ for registered boats and $w_{m,i} = w_i \times \hat{U}_s / \sum_s w_i$ for unregistered boats. For boats that took more than one trip, two trips are randomly selected for the survey. The weighting factor for the trip sampling is the number of trips taken in the month (T_i) divided by the number of trips selected (t_i, maximum of 2), $w_{m,it} = w_{m,i} \times \frac{T_i}{t_i}$. An estimate of the total number of monthly trips is the sum of the trip weights. The monthly trip surveys will estimate exposure in hours

(*h*) and days (*d*). Total monthly exposure is a weighted estimate of the monthly trip sample, $\hat{h}_{s,m} = \sum_{trips} w_{m,it} \times h_{m,i}$ and $\hat{d}_{s,m} = \sum_{trips} w_{m,it} \times d_{m,i}$.

Annual exposure estimates are estimated by totaling the individual monthly estimates of trips, exposure hours, and exposure days.

Because of an immediate need for 2010 exposure information, retrospective exposure data for the 2010 boating season will be collected on the 2011 Boat Survey. Because the boat survey will be conducted in Q4 of 2010, retrospective exposure will only cover January-September of 2010. In many states, this covers the boating season. In southern states, the boating season extends into the fourth quarter. A model will be used to estimate the fourth quarter exposure. The model will be based on exposure for the month of September adjusted for fourth quarter participation. The participation survey, conducted in the first quarter of 2011, will include participation questions specific to September-December of 2010. This data provides a fourth quarter participation adjustment factor that will be applied to the September exposure estimate. This adjusted exposure will be the estimated fourth quarter exposure for 2010.

1.13 Survey Instrument

Design Considerations

In response to comments received from the initial OMB submission, we have revised the survey system schedule and content to more effectively elicit accurate reports of boating experiences. The key driver of the modifications is the importance of exposure. Much of the design is based on the pursuit of a single analytic goal: the measurement of boating 'exposure' or the time people are spending on boats. This measure will serve as the denominator in a measure of boating safety that takes the general form:

$$Negative\ Events / Exposure$$

Thus, the most important goal of the NRBS is to collect accurate information about the number and durations of boat trips. We are challenged in achieving this goal by the fact that we must rely on boaters' recall of their experiences, and recall is notoriously inaccurate. However, there is substantial research on the best ways to structure surveys and ask questions to maximize accuracy.

Measuring numbers

The accuracy of recall of a number of specific events in response to a survey question depends on (Tourangeau, Rips, & Rasinski, 2000):

- ***Number of events in the reference period.*** The more events (e.g., boat trips) there are, the more difficult it is to manage the amount of information to be recalled and provide an accurate count.
- ***Ability to recall events.*** To say that recall is influenced by ability is another way of saying that events may simply be forgotten. The likelihood that an event will be remembered is higher if the event is distinctive or 'memorable'. Ability to recall specific events also decreases with distance in time.
- ***Proximity to temporal boundaries of the reference period.*** Asking about a one-week period beginning last Monday is more effective than asking about a one-week period beginning last

January because it is difficult for respondents to map their personal experiences to dates in the distant past.

Size and proximity of the reference period could have a substantial impact on the accuracy of NRBS estimates. Respondents' self-reports of days spent fishing in the same time period increase with longer recall periods. That is, when a diary study was used to measure angling behavior over three months, the total days spent fishing was fewer than when a mail study asked about the same three months (Tarrant & Manfredo, 1993). A similar pattern was found for angling data collected on the National Survey of Fishing, Hunting, and Wildlife Associated Recreation (Cahoon, Riker, & Moore, 1993).Having a reference period that is too long or too distant in the past could mean overestimating boating trips. Referencing a trip that is too distant or too many trips in the past could mean inaccurate duration estimation. Reference periods used in the NRBS in questions that measure numbers of events:

- One month for total number of trips taken by privately owned recreational boats. Using a single month ensures that the total number of trips will be less than 31; our research suggests that the median will be slightly over 1. Using the calendar month gives respondents a discrete, real sense of the boundaries of the reference period and minimizes the potential for telescoping.
- One year for total number of trips taken on rented boats. Because their use is recreational but their ownership is not private, rented boat trips must be

Measuring duration

In addition to the number of trips, it is necessary to determine the total number of hours boated on each trip. These two numbers (number of trips and hours per trip) will be used to calculate exposure hours. To answer duration questions like 'how long were you on the boat last week', respondents call to mind a story or sequence of events to anchor the time estimate (Tourangeau, Rips, & Rasinski, 2000).

We could ask respondents for the 'average' number of hours their boats were on the water when they boated, but this question is most useful for understanding how much Participants boat on a normative trip. That is, respondents will tell themselves a story about a normal or 'average' trip in order to answer the question. The goal for this survey is to enumerate every hour spent in recreation on a boat regardless of whether the trip is normative. To do this, we collect the numbers of hours spent on individual, actual trips.

To sample these trips, we need to ask about trips in a period short enough that respondents can remember each trip clearly and discretely. Our research suggests that most boaters take about 1 trip in a given month. Taking more than 4 trips in a month is relatively rare. Using a month also provides a straightforward way to enumerate trips so that we can select one randomly ('tell us about your Third trip in January').

To use a one month reference period, we must collect data monthly. To limit costs, we will do this data collection with a panel of boats recruited through the initial Boat Survey.

Because of an immediate need for some exposure information, retrospective exposure data for the 2010 boating season will be collected on the 2011 Boat Survey, conducted in Q4 of 2010. For future survey years, all exposure information will be collected using the Trip Survey.

Boat Survey
The Boat Survey is designed to fulfill the following three primary analytic goals:

- Overall boat ownership,
- Economic impact of boating, and
- Boat statistics.

To meet the first goal, the Boat Survey contains two elements (a) an enumeration of all boats owned in the household and (b) a detailed survey regarding one randomly selected household boat.

The Boat Survey is the same for all sample sources. The sample frames for this survey— (a) the American household population and (b) the set of listed, registered boat owners— overlap. We will correct for this in weighting. It is important to collect boat ownership data from all eligible survey respondents in any mode because the anticipated incidence of certain types of unregistered boats in the household population survey (RDD) is quite low.

Trip Survey
The trip report is the source of much of the most important NRBS data including:

- Exposure (Goal 1),
- Safety behaviors (Goal 3),
- Expenditures (Goal 4), and
- Negative events (Goal 5).

These data need to be collected for all boats. To collect them for privately-owned recreational boats, we will use either a telephone survey or a web survey with telephone non-response follow-up depending on the mode preference of panelists. The script for this questionnaire appears in Appendix B. Both of these protocols allow us to capture data dynamically that we otherwise would miss in a mail survey.

Recreational Boating Participants

1.14 Statistical Methodology for Stratification and Sample Selection

The sample for the Participant Survey was based on achieving state-level participation estimates with an error margin of +/-5 percent at the 95 percent confidence level. The sample sizes to meet this requirement were based on a boating participation rate of 30 percent.[6] To meet this objective, we will have state-level stratification with 320 household interviews per state.

1.15 Estimation and Justification of Sample Size

Sample sizes were estimated based on the required samples to achieve the precision described above in Section 1.2.2.1.

1.16 Estimation and Statistical Testing Procedures

The Participant Survey is administered to a sample of households selected via RDD. For each stratum state, the probability that a telephone number is selected from the RDD frame is the number of selected telephone numbers (*n*) from the RDD frame divided by the number of possible numbers on the frame (*N*). Households are selected with a probability proportionate to the number of telephone lines in the

[6] This assumption is based on internal survey data on boating participation.

household. To adjust for the unequal probabilities in households with more than one telephone line, the probabilities are multiplied by the number of telephone lines as recorded during the survey (L_i). The design weight is the inverse of the selection probability.

Since the Participant Survey is a cell and landline dual-frame with overlap, we average the dual users (overlapping group) based on the sample sizes of the two components. The combined dual-frame sample is calibrated to the total number of households in each state.

1.17 Survey Instrument

The Participant Survey has several parts. The questionnaire script appears in Appendix C.

Household enumeration

The household enumeration questions are designed to measure the overall incidence of recreational boating participation (Goal 2). Survey questions are asked of any household member over 16 years of age. That person reports on the gender, age, and boating participation for all household members.

This survey also contains a few household-level questions regarding safety (Goal 3). These questions include two questions regarding a randomly selected, boating child from the household.

Participant survey

The Participant Survey is a survey of one randomly selected boating adult in the household. It collects information about:

- Recreational boating participation by boat type (Goal 2), and
- Participation in boating activities in the reference period (Goal 2).

Rented boat trip report

A few recreational boat trips are taken on rented boats—especially in canoes and kayaks. To ensure that some account is made of exposure in these boats, we will include a trip report in the telephone Participant Survey. Again, the contents of this trip report are the same as the contents of the Trip Survey.

Data Collection Procedures

The actual procedures for data collection will be similar for the Boat and Participant populations. These procedures are determined by sample source and mode rather than by survey content. ICF Macro has procedures in place for the data collection systems necessary for the conduct of the NRBS. In this section, we describe the approach to:

- RDD data collection
    - Boat Survey (unregistered/unlisted boats)
    - Participant Survey
- Mail data collection
    - Boat Survey (registered & listed boats)
- Panel data collection
    - Web and telephone trip survey

1.18 RDD data collection

Loading the Sample: The sample will be loaded and resolved once. Landline sample records will have been pre-screened to exclude business and non-working numbers.

Managing Call Attempts: Each call attempt will be given a minimum of five rings. Careful management of the sample allocation and scheduling of interview sessions will assure adequate penetration coverage of residential households with a minimum of 10 attempts for unresolved telephone numbers. Persistent "ring - no answers" will be attempted a minimum of four times at different times and days of the week. Each number will be called a minimum of 15 times over six calling periods or until a completed interview is achieved. If a respondent is contacted on the last call, and an interview cannot be completed, another attempt will be made. A six-attempt protocol for the cell phone sample will be conducted. A lower attempt protocol is recommended for cell phone sample for two reasons: First, because a random-respondent selection is not conducted on cell phone sample, more interviews are completed on the first contact. Second, refusal conversion will be limited to one additional attempt after an initial refusal. Therefore, fewer attempts are needed to obtain completed interviews from cell phone sample as compared to landline sample.

Dealing with Busy and No-Answer: Lines that are busy will be called back a minimum of five times at 10-minute intervals. If the line is still busy after the fifth attempt, the number will be attempted again on different calling occasions until the record is resolved.

Attempting Call-backs: The NRBS calling system optimizes queuing for definite call-backs by continuously comparing station sample activity and the index of definite call-back records. When a definite appointment time arrives, the system finds the next available station and delivers the record as the next call. The call history screen that accompanies each record informs the interviewer that the next call is a definite appointment and describes the circumstances of the original contact. The handling of call-backs to respondents is crucial to the success of any telephone survey project. The effective management of call-backs will increase the response rate and population coverage. Perhaps more importantly, scheduling an appointment that is convenient for the respondent, and ensuring that the appointment is kept, offers a basic courtesy to someone who has agreed to assist us with a study. Callbacks to cell phone users will be limited to one additional refusal attempt after an initial refusal.

Managing Interrupted Interviews: Interrupted interviews with receptive respondents will be restarted using a definite call-back strategy. A definite call-back for an exact time can be set and the interview can begin where it left off. If the interviewer who began the survey is available at the prescribed time, the system will send the call back to that station. This is especially important for the NRBS surveys which involve survey handoffs between household members.

Recording Call Dispositions: Dispositions of each call attempt on all records in the sample will be automatically stored in the CATI system. This provides a complete call history for each record in the sample. The call history is displayed on the interviewer's screen during each new attempt.

1.19 Mail Data Collection

Sample Processing and Management: As described in Section 1.1.1, Boat Survey data collection for a) registered boats in states where lists are available, and b) boats documented with the United States Coast Guard will be accomplished via a mail survey. ICF Macro will obtain registration databases of these vessels via a third party vendor which has access to state registration and Coast Guard documentation lists. To facilitate mailing, sample records obtained from the vendor will be provided in standardized format, and will contain at least the following variables: owner name, owner mailing address, and vessel type. The lists will reflect the most accurate contact information available at the time, and will have been updated via the National Change of Address Database (NCOA).

As sample is obtained, it will be assigned a unique identifying number (the masterID) that will be used to track all survey mailings and each record's disposition during fielding.

Document Preparation: ICF Macro will format all survey documents including initial mailings, survey instruments, cover letters, and reminders. The mail survey text will be carefully designed to include clear, user-friendly instructions that encourage respondent cooperation and increase response rate. Skip patterns will be clearly marked with explanatory text to guide the respondent and to the next appropriate point in the survey. The mail survey instrument will be designed to accurately capture the data reported by respondents. Questions will be numbered and sections marked that provide an intuitive path for the respondent.

Research has shown that attractive, personal mailings promote survey response. We will employ the following strategies to promote respondent engagement with the NRBS mail survey:

- Personalize the notification, cover letters, and reminders.
- Use a contrasting color to print logos and signatures on notifications, cover letters, and reminders.
- Make the survey mailing envelope stand out by printing the Coast Guard logo with the return address and mailing in an attention-getting 9 X 12, flat envelope.
- Inclusion of attractive artwork for the cover of the survey booklet.

Personalization: Every piece of outgoing mail, including notifications and reminder postcards, will be inkjet-printed with the mastered in order to track sample disposition throughout data collection. Notification, cover letters, and reminders will be personalized with the boat owner's name. This personalization will be executed in the electronic documents sent to the printer and will integrate seamlessly with the rest of the document text.

Data Collection Protocol: The mail survey protocol will consist of an initial contact, a mail survey packet, and two reminders (one postcard and a second survey packet). The steps for mail survey administration and the specifications of the materials included in each step are described below.

All sampled records will be mailed an advance letter introducing the survey. This letter will identify the Coast Guard as the sponsor of the survey, explain how the data will be used, and encourage respondent cooperation. The letter will communicate the importance of the survey for improving boating safety and

the benefits of survey participation. Potential respondents will be informed that their participation is voluntary. These letters will be:

- Personalized with respondent name, address, and date.
- Printed with a signature in contrasting ink.
- Printed with contact information and a toll-free number to ICF Macro or the Coast Guard for respondents who have questions about the survey.
- The letters will be mailed first class, in a business-sized envelope.
- Within three days of the advance letter, the first survey packet will be mailed to all contacts. The first survey mailing consists of three elements:
- A cover letter reiterating the purpose and importance of the survey with the signature and logo printed in a contrasting ink.
- A survey booklet printed on high quality paper.
- A business reply envelope (BRE).

Within five to seven days of the first survey packet mailing, ICF Macro will send a postcard reminder to each sampled respondent.

Within four weeks of the first survey mailing, ICF Macro will send a second survey mailing to all sampled respondents who have not returned a complete survey and for whom no survey component has been returned as undeliverable.

Return Mail Processing and Data Entry: Returned mail will be opened and processed by hand by ICF Macro staff. MasterIDs from returned documents will be entered into a Data Collection Tracking System within 48 hours of receipt. Data from returned surveys will be entered within five business days.

Data Collection Tracking System: ICF Macro will create a SQL database to store and track sample information, dispositions, and survey data. One benefit of our integrated tracking system is its capability to provide our clients with information about study progress on demand. With the Macro Portal, CG-5422 will be able to log in to see the most up to date sample information, disposition reports, and even custom summaries of data elements.

1.20 Panel data collection

Enrollment in the panel: Respondents will provide their contact information and preferred mode of contact at time of recruit during the Boat Survey. We will collect telephone number and e-mail address from recruited respondents. For respondents who prefer e-mail contact, we will send an e-mail to confirm their opt-in. Respondents will need to simply click on a link in this e-mail to confirm their participation. This practice is consistent with CASRO guidelines designed to prevent spamming.

Respondents who say they prefer telephone contact will only be contacted by telephone. Respondents who prefer e-mail contact will be contacted by e-mail first and then telephone if they are non-responsive for seven days.

Frequency of contact: Recruited panelists will be contacted approximately on a three month schedule for a period of 12 months. In Northern states, boating is rare from October through March. In these states, one Trip Survey will be conducted in April with a reference period ‘from January through March’

and one in January with a reference period 'from October through December'. It will not be necessary to use the entire available panel in these cases, since the incidence of trips is low, so some panelists may only be contacted three or two times during the year.

Invitation to participate: Panelists will be invited to participate by e-mail or telephone. See Appendix B for the e-mail invitation and the telephone script for invitation.

Screening for eligibility: We will screen on the web and the phone survey for continued ownership of the boat. Respondents who no longer own the panel boat will be removed from the panel.

Incentives: We will offer an incentive of $5 for completion of each Trip Survey. Respondents who have sold their boats and are ineligible will not receive the incentive because they will not complete a survey. Respondents who have not taken an eligible trip will be incentivized. This will help minimize panel attrition.

Follow-up with non-respondents: We will dial respondents up to 10 times on different days and at different times of day. The procedures for panel sample will be the same as those for RDD sample described above in Section 1.2.3.1.

Informed Consent

Before each telephone interview, the interviewer will read an informed consent statement to the respondent. These statements appear in telephone surveys in Appendices A and C. The consent form describes the interview, the types of questions that will be asked on the actual survey, the risks and benefits of participation, and participants' rights, and it provides information on whom to contact with questions about any aspect of the study. The consent form also indicates that participation is completely voluntary and that participants can refuse to answer any question or discontinue the interview at any time without penalty or loss of benefits. The interviewer will enter a code via the keyboard to signify that the participant was read the informed consent script and agreed to participate.

Quality Control

Exhibit 6 lists the major means of quality control.

Exhibit 6: Quality Control Procedures

Testing of CATI program	Test each response to each question, and each path through the survey (100%) Review frequencies from randomly generated data to ensure that the program is organizing data properly and recording values according to the survey specification (100%) Develop skip check program to check data against defined conditions specified in the Microsoft Word version of the questionnaire (100%) Provide USCG with an electronic test version of the programmed survey (100%)
CATI pretest	Pretest of 100 interviews to ensure the CATI program is working properly and to verify questionnaire content, skip patterns, value verification, consistency of answers across

	questions, interviewer and supervisor training, and sample management procedures
CATI quality assurance	Monitor at least 10% of all interviews (10% sample) Monitor each interviewer at least once per week (100%) Assign supervisors to manage a team of no more than 10 interviewers (100%) Participate in daily briefing call with Command Center (100%) Review call center shift reports and internal project tracking reports daily (100%)
Preparation of data files	Identify incomplete interviews and merge back into the main data file (100%) Clean and, when applicable, back-code open ended responses (100%) Assign a final disposition to each record (100%) Produce frequency tabulations of every question and variable to detect missing data or errors in skip patterns (100%)
Printing of Mail Surveys	Printing will utilize state-of-the-art software and hardware that will print large volumes very quickly, at low cost, and with outstanding image quality. Accuracy of insertion (i.e., matching of masterIDs and address information on all mailed pieces) will be checked by hand for at least 10 percent of the total outgoing pieces
Receipt of Mail Returns	MasterIDs from returned documents will be entered into the Data Collection Tracking System within 48 hours of receipt.
Input of Mail Data	Data entered by data entry staff will be verified at 100 percent through the use of double data entry as well as custom range and logic checks incorporated into the data entry system. Data from returned surveys will be entered within five business days.
Programming Web Surveys	Visual review of every question (100%) Develop skip check program to check data against defined conditions specified in the Microsoft Word version of the questionnaire (100%) Provide USCG with an electronic test version of the programmed survey (100%)
Panel enrollment	Double opt-in process for panelists providing e-mail addresses (100%)

Methods to Maximize Response Rates and Deal with Non-response

We have planned the data collection frequency to keep respondent burden at the lowest possible level. To maximize response rates, we have designed survey systems for RDD, mail, and panel data collection that seek to obtain every possible response. To address the problem of non-response, we further plan to weight the data to represent the initial samples.

Modifications to data collection frequency to reduce respondent burden

The NRBS is designed as a biannual survey to collect the data USCG needs with minimal respondent burden. Further, we have designed the survey to include a representative *panel* of respondents to provide much of the most involved boat information. This serves both data quality and survey response.

Maximizing Response Rates

Procedures to promote survey response

For the RDD telephone survey, we will distribute calls across days of the week and times of day. See Section 1.2.3 for details of how the protocol will be customized by telephone type (cell vs. landline). We will complete one refusal conversion attempt for each initial telephone refusal. We have also structured the survey so that handoffs (transfers from one respondent) are placed close to the end of the survey.

We will offer an incentive to panelists for each survey they complete: $5. This incentive will minimize panel and survey attrition and promote prompt survey response. Prompt survey response is important because accurate recall of hours on the water is critical to achieving accurate exposure estimates.

Dealing with Non-response

Survey non-response goes beyond eliciting as many responses to the survey as we can. In the modern survey environment, some non-response is inevitable, and this non-response is accompanied by a risk of response bias. To adjust for this, we will adjust the final data obtained to reflect the population of boats and the population of participants.

We will also conduct nonresponse bias analyses using the information that we can get from sample frames and other sources about what the sample distributions *should* be. One key variable on which nonresponse bias is possible is boat type (and/or registration status). We know that people to whom surveys are more personally relevant or interesting are more likely to respond (e.g., (Groves & Couper., 1998)). It follows that people who have invested more money and time in their boats will be more likely to respond to the surveys, so that some boat types (power boats) may be overrepresented compared to less expensive boats (kayaks and canoes or inflatable boats).

1.21 Panel

The survey panel will provide trip information. These people will all be recruited in the boat survey at the beginning of the survey cycle, and attrition is inevitable. We have planned for attrition in the sample sizes, so it will not threaten our power to draw conclusions, but differential attrition could affect the quality of those conclusions. Monthly, we will review the responding panel compared to the invited panel with respect to boat type.

We will weigh the obtained data to be representative of the boat population measured in the Boat Survey. These comparisons may shed light on the variables that need to be included in the weighting scheme.

After the second month, panelists will begin to be removed for nonresponse or by request. Quarterly, we will compare the remaining panel to the original panel. The purpose of this analysis will be to compare trip survey results between panelists who have and have not left the panel. We can compare:

- Total number of trips reported in the period (people who quit may be more or less avid boaters)

- Total number of trips selected for in-depth analysis (people who quit may have been asked to report on two trips)
- Total number of overnight trips reports
- Whether an overnight trip was selected for reporting (overnight trips have more questions associated with them)
- Total number of questions asked

These comparisons may shed light on questionnaire modifications that may help improve panel retention.

1.22 Listed sample of boat owners

The mail Boat Survey will use listed samples of boat owners from registration frames. The frames should contain information about boat type, length, and propulsion. After the completion of the boat survey, we will evaluate the representativeness of the final sample against these frames. We will also evaluate the representativeness of the recruited survey panel from the frames.

We will also evaluate response to the mail survey as it relates to the boating, socioeconomic, and demographic environment. The environmental variables will include zip code information concerning race/ethnicity, educational status, urbanicity, tenure, and other related neighborhood descriptors. In addition, we will evaluate nonresponse based on the boating culture. Boating culture will be measured as boats per capita in the zip code.

This analysis may affect how we weight the boat data. It may also affect how we draw panel samples each month during the year.

1.23 RDD Samples

Some boat surveys and all participant surveys will be completed with landline and cell phone RDD samples. For the RDD boat surveys, we do not have control totals for boat types—we do not know what the proportions of power vs. nonpower boats should be in the final samples. However, we can compare responses of early to responses of late-responders in the 10 attempt protocol to determine whether there is evidence that owners of certain types of boats are more difficult to reach or to convince to participate. This analysis might lead to protocol modifications or additional interviewer training in establishing rapport and combating response from particular types of respondents.

For the RDD participant surveys, the population is the population of people in the United States rather than the population of boats, so control totals for key demographics—gender and age—are available from Census data. We will conduct a nonresponse analysis comparing the sample to the population by gender, age, and region. This analysis will inform the weighting approach.

Similar to the boat sample, we will evaluate response to the RDD samples as it relates to the boating, socioeconomic, and demographic environment. The environmental variables will include zip code information concerning race/ethnicity, educational status, urbanicity, tenure, and other related neighborhood descriptors. In addition, we will evaluate nonresponse based on the boating culture. Boating culture will be measured as boats per capita in the zip code. This analysis will be limited to

landline samples since cell phones cannot accurately be associated with a geographic areas below county.

Tests of Procedures or Methods to be Undertaken

Tests of cell phone incentives

Incentives are widely used in two of the survey types undertaken with the NRBS: (A) cell phone interviews and (B) panel surveys. Proposed incentives for both are $5 per completed interview. However, in a recent experiment, ICF Macro eliminated a cell phone incentive on a population-based RDD survey and found no impact on response rates. The results do suggest that cell phone incentives may not be necessary—they are quite expensive, and they may not promote response. The results do suggest that cell phone incentives may not be necessary—they are quite expensive, and they may not promote response.

We will conduct an experiment on the Boat Survey in the first year comparing survey results with no incentive to survey results with a $5 gift code incentive.

1.24 Survey cooperation power analysis

The key measure of interest is the survey cooperation rate and response rate. We will be conducting 6600 cell phone interviews. Assuming a cooperation rate of 65%, we can expect a sample size of 10000 for measuring differences in cooperation. Our design will equally allocate sample to the two test conditions. Thus, we will have 3300 respondents in each condition and 5000 potential respondents in each condition.

We will be able to detect a 2.7% difference with 80% power when comparing cooperation rates between the conditions. For comparisons using the analytic data, we will be able to detect a 3.5% difference between the test conditions.

	Incentive	No incentive	Total	MDD
Comparison of cooperation rate	5000	5000	10000	2.7%
Comparison of data items	3300	3300	6600	3.5%

1.25 Nonresponse bias

In addition to testing for differences in cooperation, we would want to conduct tests to see whether the incentive is associated with decreases in nonresponse bias. We can learn about this by comparing results in the two conditions to see whether the samples differ, and, especially, if they differ in ways that suggest that the incentive condition sample is “better”. Key measures for this analysis include:

- **Cell phone usage patterns.** We know from previous research that dual users are less likely to respond than are cell-only people. We can compare the distributions of phone user types across the samples, and, in this case, to control totals obtained from the National Health Interview Survey.

- **Boat type.** As we discussed above, boat type is one variable on which nonresponse bias is a threat because the survey may seem more interesting or relevant to owners of some boat than others. The incentive may lead people who would otherwise not be interested in participating to cooperate. With some basic hypotheses about which boat types (e.g., kayaks, unregistered) may be under-represented if relevance-based refusal is a problem, we can compare data from the two samples to see if the incented sample is better.

1.26 In-survey cooperation

Incentives (especially incentives like this one, announced after the screener is complete) may be more successful in keeping respondents' attention than in eliciting their completion of the survey. We can and will measure survey breakoff, but cell phone break off rates tend to be low after the first few questions. However, item nonresponse and lack of attention are both threats to data quality especially in cell phone interviews. We will measure:

- **Item nonresponse**. The total proportion of responses that are "don't know" or "refused" in the survey. The correct model for an item nonresponse analysis in a variable-length survey is a repeated-even survival model. We will test to see whether the presence of a promised incentive decreases the odds of "failure" or nonresponse on any individual item.
- "**No" and "none" and socially desirable responses**. It is possible that cooperating respondents form naïve theories about what leads to additional questions (e.g., "if I tell them there are lifejackets, they will ask me what kinds"), and that they give more negative answers when they are less motivated in an effort to avoid additional questions. We can measure this in the same way that we measure the impact of incentive on item nonresponse, by seeing whether the incentive decreases the odds of "no" response on each question.

1.27 An additional possible manipulation

Incentives can affect only cooperation with the part of the survey that comes after the announcement of the incentive. Here, we have planned that we would announce the incentive at the consent stage, after respondents have been shown to be eligible. Obviously, announcing it even earlier in the contact process might be beneficial. It would be interesting to further manipulate whether the incentive is announced in the voicemail messages we leave for respondents and at the introduction. In the past, IRB has preferred the incentive to be offered when eligibility is assured. However, should IRB approve earlier revelation of the incentive, we will extend the experiment to include three conditions: Incentive announced at first contact (N=1,150), incentive announced at eligibility (N=1,150), and no incentive (N=2,300). This extension would not affect power to detect equivalence on the cooperation rate, but it would allow us to test the impact of the incentive on contact and screener cooperation rates.

1.28 Panel notification test

The trip survey design calls for e-mail notification of panel respondents. For the first three months of data collection, we will employ an experiment where we will notify half of panel participants via a postcard with web login and telephone information.

The first condition will receive a postcard followed by email notification. The second condition will receive only the email notification. We expect to recruit 19,500 panelists. Assuming that 40% will provide an email, we will have 7800 subjects with email addresses. These subjects will be equally divided to a treatment condition, 3900 each. These sample sizes will be able to detect a 3.0% difference

in cooperation. To evaluate mail notification, we will compare response rates, time to complete the survey, and response data for the two groups (postcard notification or not). (Text of email and postcard is provided in Appendix B.)

Individuals Consulted on Statistical Aspects and Individuals Collecting or Analyzing the Data

Statistical Review

Statistical aspects of the study have been reviewed by the individuals listed below.

Philippe Gwet, Ph.D.
U.S. Department of Homeland Security
United States Coast Guard
2100 Second St. SW
Washington, DC 20593
Philippe.Gwet@uscg.mil
(202) 372 – 1102

Randal ZuWallack, M.S.
ICF Macro
126 College Street
Burlington, VT 05401
rZuWallack@icfi.com
(802) 863 – 9600

Agency Responsibility

Within the agency, the following individual will be responsible for receiving and approving contract deliverables and will have primary responsibility for data analysis:

Philippe Gwet, Ph.D.
U.S. Department of Homeland Security
United States Coast Guard
2100 Second St. SW
Washington, DC 20593
Philippe.Gwet@uscg.mil
(202) 372 – 1102

Responsibility for Data Collection

The representative of the contractor responsible for conducting the planned collection is:

Seth Muzzy, M.S.
Macro International Inc.
116 John Street
New York City, NY 10038

sMuzzy@icfi.com
(212) 941 -5555

Appendix A: Boat Survey

Cover Letter

Date

Registered Boat Owner
Street
City, state Zip

Dear Registered Boat Owner,

The United States Coast Guard needs your help. I am writing on their behalf to ask you to complete a survey that will help us understand boating activities and safety in the United States.

The purpose of this survey is to count the boats owned by people like you and to understand how they are used . It i*s important for us to obtain responses no matter how frequently people use their boats or how much money they spend while boating*.

Your address was randomly selected from a list of all registered boaters in your state. Your household represents thousands of other households like yours. Only with your response can we accurately represent everyone in your state.

Your identity and answers will be kept private. ICF Macro will remove your name, address, phone number, as well as any other personally identifiable information from your survey responses, before providing data to the CG and other university researchers. Reports given to the CG boating partners from industry and academia, will present only summary information, and no individual will be identified. Your answers will also be kept confidential in accordance with the Privacy Act of 1974.

If you have any questions or comments about this study, we would be happy to talk with you. Please contact [SOME ONE] by phone at ###-###-#### or you can write to us at the address at the bottom of this letter.

Thank you very much for your help with this important study. Please return your completed questionnaire in the postage paid envelope provided.

Sincerely,

Philippe Gwet, PhD
United States Coast Guard

Boating Safety Division
2100 Second St. SW Stop 7581
Washington, DC 20593-7581

ABOUT ALL YOUR BOATS

1. Please describe the five longest boats you own in the following table. ***Please use the boat types listed below to describe the boats in the Type column.***

Boat	Have you used the boat in the last year for making money?	Registration			Attributes	
		Is the boat registered?	Is the boat documented with the US Coast Guard?**	state of registration	Length	Type*
1	Y / N	Y / N				
2	Y / N	Y / N				
3	Y / N	Y / N				
4	Y / N	Y / N				
5	Y / N	Y / N				

***Types of Boats:**

Powerboats

CM	CABIN MOTORBOAT
JB	JET BOAT
OM	OPEN MOTORBOAT
PB	PONTOON BOAT
HB	HOUSEBOAT
AB	AIRBOAT

Sailboats

AS	AUXILIARY MOTOR SAIL
SO	SAIL ONLY

Personal Watercraft

JS	JETSKI

Other Boats

CN	CANOE
KY	KAYAK
RB	ROWBOAT
IF	INFLATABLE

** 'Documented' means that the boat is recorded by the United States Coast Guard. Only some very large boats are documented with the Coast Guard.

2. Please tell us how the same boats were used in 2010.

Boat	Has the boat been used this year? (that is, *during 2010*)?	During 2010, how many days has the boat been used?	On an average day the boat was used in 2010, how many hours did you go out on the boat?	On an average day the boat was used in 2010, how many people were aboard the boat?
1	N / Y →	_____ days	_____ hours	_____ people
2	N / Y →	_____ days	_____ hours	_____ people
3	N / Y →	_____ days	_____ hours	_____ people
4	N / Y →	_____ days	_____ hours	_____ people
5	N / Y →	_____ days	_____ hours	_____ people

3. Please tell us how those boats were used in September, 2010.

Boat	Did you use this boat during **September** (that is, during *September 2010*)?	During **September,** how many days was the boat used?	On an average day the boat was used in **September**, how many hours did you go out on the boat?	On an average day the boat was used in **September**, how many people were aboard the boat?
1	N / Y →	_____ days	_____ hours	_____ people
2	N / Y →	_____ days	_____ hours	_____ people
3	N / Y →	_____ days	_____ hours	_____ people
4	N / Y →	_____ days	_____ hours	_____ people
5	N / Y →	_____ days	_____ hours	_____ people

One of your household's boats was identified in the cover letter. The rest of the survey concerns the identified boat only.

4. Do you still own this boat?

0 YES →**GO TO QUESTION 6**
0 NO

5. If you no longer own this boat, what happened to it?

0 I NEVER OWNED THAT BOAT
0 I SOLD OR GAVE AWAY THE BOAT
0 OTHER:_____

The next questions are about this boat, if you do not own it, you have completed the survey and should send it back in the envelope provided. Thanks for your response!

BOAT DETAILS

6. What is the model year of this boat? _____

7. When this boat was purchased, was it new or used?

0 NEW
0 USED

8. Of what material is the hull of this boat constructed?

0 ALUMINUM
0 STEEL
0 CARBON FIBER
0 FIBERGLASS
0 RIGID HULL INFLATABLE
0 RUBBER
0 VINYL
0 CANVAS
0 WOOD
0 OTHER MATERIAL:_____

9. What is the primary means of propulsion of this boat? Is it…

0 HUMAN POWERED (OARS, PADDLES, PEDALS)
0 AIR THRUST
0 PROPELLER
0 SAIL
0 WATER JET

10. Does this boat have a motor?

0 YES →**CONTINUE TO QUESTION 11**
0 NO →**GO TO QUESTION 15**

If the boat has a motor:

11. Which type of motor or engine powers the boat?

Select all that apply. Do not include trolling motors.

0 INBOARD ENGINE
0 OUTBOARD MOTOR
0 INBOARD-OUTBOARD ENGINE (STERNDRIVE)

12. How many engines or motors power this boat? _____

13. What is the total horsepower of the engines or motors that power this boat? *For example: If that boat has twin 25 horsepower engines, its total horsepower is 50.* _____

14. Which type(s) of fuel is/are used in this boat's primary engine?

Select all that apply.

0 DIESEL
0 ELECTRIC
0 GASOLINE
0 OTHER _____

BOAT OPERATION

15. Are you the primary operator of this boat?

0 YES
0 NO

16. Have you ever taken a boat safety course?

0 YES
0 NO

17. How experienced in the operation of this boat are you?

0 VERY EXPERIENCED
0 SOMEWHAT EXPERIENCED
0 SOMEWHAT INEXPERIENCED
0 VERY INEXPERIENCED

BOAT STORAGE

18. Where is this boat kept during the primary boating season?

0 ON THE WATER
0 ON LAND

19. Do you intend to take the boat out on the water in 2010?

0 YES
0 NO

20. Was the boat transported or trailered for the purpose of putting it in the water in 2010?

0 YES
0 NO

21. Was this boat used outside the state of where the boat is kept in 2010?

0 YES
0 NO

BOAT EXPENDITURES

The next questions are about money you spent on **this boat** in 2010.

22. Did you buy this boat new in 2010?

0 YES **→GO TO QUESTION 22A**
0 NO

22a. How much did you spend? _____

23. Do you have a monthly loan payment for this boat?

0 YES **→GO TO QUESTION 23A**
0 NO

23a. How much do you pay monthly for the boat including principal and interest? _____

24. In 2010, how much did you spend on:

Storage *(slip rental fees, dry stack, winter storage, and self storage rental)*	$
Insurance for liability, theft, fire	$
Taxes on the boat	$
New motors and trailers	$
Pre-Owned and Rented motors and trailers	$
Services performed by others like boat maintenance, repairs, or installation of new products *(upgrades performed by others including labor and parts)*	$
Products, parts, supplies, and accessories that you purchased directly *(to be installed or used on the boat or the trailer including electronics and navigation, parts, docking and anchors, paint and maintenance supplies, hardware, sail supplies, trailer parts, etc.)*	$
Other things including boating-related clothing, fishing equipment for this boat, navigation charts, safety-related equipment, and water sports equipment	$

25. The US Coast Guard is interested in learning about how boats are used so that it can understand how safe boating is. Your personal experiences on this boat can help. Can we contact you this year to conduct very short surveys about this boat?

0 YES→**GO TO QUESTION 26**

26. We will contact you 2 to 4 times in the coming year to ask you a few questions about this boat. The surveys will take about 10 minutes, and because we value your time, you will be compensated with $5 for each completed survey. Participation is completely voluntary, and your responses are completely confidential.

Please provide your contact information below to participate.

Mailing address:

Address: _____

_____

City _____

State _____

Zip _____

Phone _____

Email _____

27. Would you prefer to complete the surveys by internet or telephone?

0 INTERNET

0 TELEPHONE

0 NO

Thank you! You have completed the survey. Please put it in the postage paid envelope provided and return it.

NOTE: FOR MANY OF THE QUESTIONS IN THIS SURVEY, WE HAVE LISTED VARIABLE NAMES RATHER THAN QUESTION NUMBERS. THIS PROMOTES QUALITY DURING THE DEVELOPMENT PROCESS. AFTER OMB APPROVAL, QUESTION NAMES WILL BE CHANGED TO SEQUENTIAL NUMBERS AND SKIP PATTERNS WILL BE CHANGED TO CORRESPOND. WE WILL ALSO CHANGE THE RESPONSE NUMBERS TO CHECK BOXES.

ABOUT ALL YOUR BOATS

1. Please describe the five longest boats you own in the following table. ***Please use the boat types listed below to describe the boats in the Type column.***

		Registration			Attributes		
Boat	Have you used the boat in the last year for making money?	Is the boat registered?	Is the boat documented with the US Coast Guard?**	state of registration	Length	Type*	Did you use the boat in 2010?
1	Y / N	Y / N					Y / N
2	Y / N	Y / N					Y / N
3	Y / N	Y / N					Y / N
4	Y / N	Y / N					Y / N
5	Y / N	Y / N					Y / N

***Types of Boats:**

Powerboats

CM	CABIN MOTORBOAT
JB	JET BOAT
OM	OPEN MOTORBOAT
PB	PONTOON BOAT
HB	HOUSEBOAT
AB	AIRBOAT

Sailboats

AS	AUXILIARY MOTOR SAIL
SO	SAIL ONLY

Personal Watercraft

JS	JETSKI

Other Boats

CN	CANOE
KY	KAYAK
RB	ROWBOAT
IF	INFLATABLE

** ‘Documented’ means that the boat is recorded by the United States Coast Guard. Only some very large boats are documented with the Coast Guard.

One of your household's boats was identified in the cover letter. The rest of the survey concerns the identified boat only.

2. Do you still own this boat?

0 YES →**GO TO QUESTION 4**
0 NO

3. If you no longer own this boat, what happened to it?

0 I NEVER OWNED THAT BOAT
0 I SOLD OR GAVE AWAY THE BOAT
0 OTHER:_____

The next questions are about this boat, if you do not own it, you have completed the survey and should send it back in the envelope provided. Thanks for your response!

BOAT DETAILS

4. What is the model year of this boat? _____

5. When this boat was purchased, was it new or used?

0 NEW
0 USED

6. Of what material is the hull of this boat constructed?

0 ALUMINUM
0 STEEL
0 CARBON FIBER
0 FIBERGLASS
0 RIGID HULL INFLATABLE
0 RUBBER
0 VINYL
0 CANVAS
0 WOOD
0 OTHER MATERIAL:____

7. What is the primary means of propulsion of this boat? Is it…

0 HUMAN POWERED (OARS, PADDLES, PEDALS)
0 AIR THRUST
0 PROPELLER
0 SAIL
0 WATER JET

8. Does this boat have a motor?

0 YES →**CONTINUE TO QUESTION 9**
0 NO →**GO TO QUESTION 13**

If the boat has a motor:

9. Which type of motor or engine powers the boat?

Select all that apply. Do not include trolling motors.

0 INBOARD ENGINE
0 OUTBOARD MOTOR
0 INBOARD-OUTBOARD ENGINE (STERNDRIVE)

10. How many engines or motors power this boat? _____

11. What is the total horsepower of the engines or motors that power this boat? *For example: If that boat has twin 25 horsepower engines, its total horsepower is 50.* _____

12. Which type(s) of fuel is/are used in this boat's primary engine?

Select all that apply.

0 DIESEL
0 ELECTRIC
0 GASOLINE
0 OTHER _____

BOAT OPERATION

13. Are you the primary operator of this boat?

0 YES
0 NO

14. Have you ever taken a boat safety course?

0 YES
0 NO

15. How experienced in the operation of this boat are you?

0 VERY EXPERIENCED
0 SOMEWHAT EXPERIENCED
0 SOMEWHAT INEXPERIENCED
0 VERY INEXPERIENCED

BOAT STORAGE

16. Where is this boat kept during the primary boating season?

0 ON THE WATER
0 ON LAND

17. Do you intend to take the boat out on the water in 2010?

0 YES
0 NO

18. Was the boat transported or trailered for the purpose of putting it in the water in 2010?

0 YES
0 NO

19. Was this boat used outside the state of where the boat is kept in 2010?

0 YES
0 NO

BOAT EXPENDITURES

The next questions are about money you spent on **this boat** in 2010.

20. Did you buy this boat new in 2010?

0 YES →**GO TO QUESTION 20A**
0 NO

20a. How much did you spend? _____

21. Do you have a monthly loan payment for this boat?

0 YES →**GO TO QUESTION 21A**
0 NO

21a. How much do you pay monthly for the boat including principal and interest? _____

22. In 2010, how much did you spend on:

Storage *(slip rental fees, dry stack, winter storage, and self storage rental)*	$
Insurance for liability, theft, fire	$
Taxes on the boat	$
New motors and trailers	$
Pre-Owned and Rented motors and trailers	$
Services performed by others like boat maintenance, repairs, or installation of new products *(upgrades performed by others including labor and parts)*	$
Products, parts, supplies, and accessories that you purchased directly *(to be installed or used on the boat or the trailer including electronics and navigation, parts, docking and anchors, paint and maintenance supplies, hardware, sail supplies, trailer parts, etc.)*	$
Other things including boating-related clothing, fishing equipment for this boat, navigation charts, safety-related equipment, and water sports equipment	$

23. The US Coast Guard is interested in learning about how boats are used so that it can understand how safe boating is. Your personal experiences on this boat can help. Can we contact you this year to conduct very short surveys about this boat?

0 YES→**GO TO QUESTION 24**

24. We will contact you 2 to 4 times in the coming year to ask you a few questions about this boat. The surveys will take about 10 minutes, and because we value your time, you will be compensated with $5 for each completed survey. Participation is completely voluntary, and your responses are completely confidential.

Please provide your contact information below to participate.

Mailing address:

Address: _____

_____

City _____

State _____

Zip _____

Phone _____

Email _____

23. Would you prefer to complete the surveys by internet or telephone?

0 INTERNET

0 TELEPHONE

0 NO

Thank you! You have completed the survey. Please put it in the postage paid envelope provided and return it.

REMINDER POSTCARD

Date

Last week a questionnaire was sent to you on behalf of the United States Coast Guard. Your household was randomly selected from a list of all registered boats in your state.

If you have already completed and returned the questionnaire to us, thank you! If you have not, please do so today. Information collected in this study will be used to learn more boats and boat safety in the US.

If you did not receive a questionnaire, or if it was misplaced, please call us at XXX-XXX-XXXX

Thank you.

SELECTED RESPONDENT

Street

Town, City, #####

BOAT ENUMERATION

/ ***/ASK ALL/***

INTRO1 Hi, my name is X, and I'm calling on behalf of the United States Coast Guard.

The Coast Guard is conducting a survey of people who own boats to get information about how boats are used. The survey will only take a few minutes, and it will help the Coast Guard make boating safer.

[Is respondent continuing with the interview?]

01 YES
02 NO

/ ***/IF INTRO1=01/***
/ ***/IF THE RESPONDENT IS CONTINUING/***

AGEQUALc. Are you at least 16 years of age?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF AGEQUALC IN (02, 97, 99) THEN TERMINATE/***
/ ***/SET TERMTYPE=AGEUSER/***
/ ***/IF AGEQUALC=01/***
/ ***/IF THE RESPONDENT IS AT LEAST 16 YEARS OF AGE/***

BS1 Do you, or does anyone in your household own any boats? Please include canoes, kayaks, inflatable boats, and personal watercraft.

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF BS1=01/***
/ ***/IF REPSONDENT OWNS AT LEAST ONE BOAT/***
/ ***/RANGE=1-10/***

BS2 How many?

__ RECORD NUMBER 1-10
97 DON'T KNOW
99 REFUSED

/ ***/IF BS1=1/***
/ ***/IF RESPONDENT OWNS AT LEAST ONE BOAT/***

INFOc. You are eligible to be interviewed. The United States Coast Guard needs to know about how boats like yours are used so that they can understand how safe recreational boating in the United States is. The interview will include questions about what your boat is like and what you do with it. You don't have to answer any question you don't want to, and you can end the interview at any time. The interview will take about 15 minutes.

Any information you give me will be kept private, to the extent permitted by law. If you have any questions about this survey, I will provide a telephone number for you to call to get more information.

/IF MODE=PHONE/ This interview may be monitored or recorded.

[Is respondent continuing with the interview?]

01. YES

02. NO

REGISTRATION INFORMATION

/ ***IF BS2>1***
/ ***IF THERE IS MORE THAN ONE BOAT***

I'll ask the next few questions about each of your boats. We'll start with the longest and go to the shortest.

/ ***BEGIN LOOP***
/ ****SET COUNTER TO COUNT THE BOATS THROUGH THE LOOP***
/ ***IF COUNTER>0 THEN COUNTER=COUNTER+1***
/ ***ELSE SET COUNTER=1***
/ ***IF COUNTER>BS2 THEN TERMINATE LOOP. NEXT QUESTION SHOULD BE MODLYR***
/
/ ****SET THE IDENTIFIER TO LET THE RESPONDENT KNOW WHICH BOAT***
/ ***IF BS2=1 THEN 'IDENTIFIER'= "YOUR BOAT"***
/ ***ELSE IF BS2>2 THEN***
/ ***IF COUNTER=1 THEN 'IDENTIFIER' IS 'YOUR LONGEST BOAT'***
/ ***ELSE IF COUNTER>1 AND COUNTER<BS2 THEN 'IDENTIFIER' IS 'YOUR NEXT LONGEST BOAT'***
/ ***ELSE IF COUNTER=BS2 THEN 'IDENTIFIER' IS 'YOUR SHORTEST BOAT'***
/ ***/IF 1<=COUNTER<=BS2/***

MONEYX In the past year, have you used [identifier] for any purpose that makes money such as guiding tours or commercial fishing?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF MONEYX=2***

REG_X Is this boat…

01 Registered, or

02 Unregistered?

97 DON'T KNOW

99 REFUSED

/ */IF MONEYX=2*

DOC_X Some very large boats are documented with the US Coast Guard. Is this boat documented with the US Coast Guard?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ *IF REG_X=1*

REGST_X In which state or territory is this boat registered?

01 ALABAMA

02 ALASKA

04 ARIZONA

05 ARKANSAS

06 CALIFORNIA

08 COLORADO

09 CONNECTICUT

10 DELAWARE

11 DISTRICT OF COLUMBIA

12 FLORIDA

13 GEORGIA

15 HAWAII

16 IDAHO

17 ILLINOIS

18 INDIANA

19 IOWA

20 KANSAS

21 KENTUCKY

22 LOUISIANA

23 MAINE

24 MARYLAND

25 MASSACHUSETTS

26 MICHIGAN

27 MINNESOTA

28 MISSISSIPPI

29 MISSOURI

30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND
45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN
56 WYOMING
97 DON'T KNOW
99 REFUSED

KIND OF BOAT

/ */IF MONEYX=2*

CATX What type of boat is [identifier]? Is it…

01 A powerboat,
02 A sailboat,
03 A personal watercraft such as a jetski,
04 Canoe,
05 Kayak, or
06 Something else?

97 DON'T KNOW

99 REFUSED

[IF NECESSARY: "A power boat refers to a boat of any size powered by a motor"]

/ ***/IF CATX =01/***
/ ***/IF RESPONDENT HAS A POWERBOAT/***

TPpX Is it…

01 a cabin motorboat

02 a jet boat

03 an open motorboat

04 a pontoon boat

05 a houseboat

06 an airboat

97 DON'T KNOW

99 REFUSED

/ ***/IF CATX=02/***
/ ***/IF RESPONDENT HAS A SAILBOAT/***

TPSX Is it…

1 An auxiliary motor sailboat, or

[IF NECESSARY: "A sailboat with a motor"]

02 a sail only sailboat

/ ***/IF CATX=06/***
/ ***/IF RESPONDENT HAS A DIFFERENT KIND OF BOAT/***

TPOX Is it…

01 a rowboat, or

02 an inflatable

03 NEITHER

97 DON'T KNOW

99 REFUSED

/ ***/IF MONEYX=2***

LN_X How long is it?

__ ENTER LENGTH IN FEET 0-97

97 DON'T KNOW

99 REFUSED

BOAT USAGE

/ */IF MONEYX=2*

USE_X Did anyone from your household use it in 2010?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

2010 EXPOSURE MODULE, FOR ADMINISTRATION IN THE 2011 SURVEY (Q4 2010) ONLY

/ */IF USE_X=1 AND REGION=NORTH/*
/ */IF THE BOAT WAS USED IN 2010/*
/ */RANGE 1-179/*

EXPFREQ_X From April through September this year, how many days was the boat used?

IF NECESSARY: days that anyone in your household used the boat.

ENTER RESPONSE

997 DON'T KNOW

999 REFUSED

/ */IF USE_X=1 AND REGION=SOUTH/*
/ */IF THE BOAT WAS USED IN 2010/*
/ */RANGE 1-365/*

EXPFREQ_X During 2010, how many days has the boat been used?

ENTER RESPONSE

997 DON'T KNOW

999 REFUSED

/ */IF USE_X=1/*
/ */IF THE BOAT WAS USED IN 2010/*
/ *RANGE=1-24/*

EXPTIME_X On an average day the boat was used in 2010, how many hours did you go out on the boat?

IF NECESSARY: Anyone in your household.

ENTER RESPONSE

997 DON'T KNOW

999 REFUSED

/ */IF USE_X=1/*
/ */IF THE BOAT WAS USED IN 2010/*
/ *RANGE=1-20/*

EXPPPL_X On an average day the boat was used in 2010, how many people were aboard the boat?

IF NECESSARY: When anyone in your household was on the boat

ENTER RESPONSE

997 DON'T KNOW

999 REFUSED

/ ***/IF USE_X=1 AND REGION=SOUTH/***
/ ***/IF THE BOAT WAS USED IN 2010/***
/ ***/RANGE 0-31/***

EXPFREQM_X During [last calendar month], how many days was the boat used?

INTERVIEWER: IF THE RESPONDENT SAYS 'NONE', THE ANSWER IS 0.

ENTER RESPONSE

997 DON'T KNOW

999 REFUSED

/ ***/IF EXPFREQ_M>0 AND <997/***
/ ***/IF THE BOAT WAS USED IN SEPTEMBER/***

EXPTIME_X On an average day the boat was used in [last calendar month], how many hours did you go out on the boat?

IF NECESSARY: When anyone in your household was on the boat.

ENTER RESPONSE

997 DON'T KNOW

999 REFUSED

/ ***/IF EXPFREQ_M>0 AND <997/***
/ ***/IF THE BOAT WAS USED IN SEPTEMBER/***

EXPPPL_X On an average day the boat was used in [last calendar month], how many people were aboard the boat?

IF NECESSARY: When anyone in your household was on the boat

ENTER RESPONSE

997 DON'T KNOW

999 REFUSED

END EXPOSURE MODULE

/ ***END BOAT LOOP.***
/ ***RETURN TO BEGIN LOOP***

END BOAT ENUMERATION

BOAT DETAILS

/ ***ISELECT A RANDOM BOAT FROM THE SET OF BOATS ENUMERATED ABOVE WHERE CATX IN (1,2,3,4,5,6) (WHERE WE KNOW WHAT KIND OF BOAT IT IS)***
/ ***IDENTIFIER=IDENTIFIER FROM PREVIOUS LOOP***
/ ***IF THERE ARE NO QUALIFYING BOATS THEN SELECTED=0***
/ ***IF A BOAT IS SELECTED, SELECTED=1***
/ ***/IF SELECTED=1/***

The next section is just about one of your boats. These questions are just about your [identifier].

/ ***/IF SELECTED=1/***

MODLYR What is the model year of the boat?

__ ENTER YEAR 1950-2010
97 DON'T KNOW
99 REFUSED

/ ***/IF SELECTED=1/***

NEWUSED When the boat was purchased, was it new or used?

[IF NECESSARY: 'USED' COULD ALSO MEAN 'PRE-OWNED' OR 'RENTED'.]

01 NEW
02 USED
97 DON'T KNOW
99 REFUSED

/ ***/IF SELECTED=1/***

HULLMAT Of what material is the hull of the boat constructed?

01 Aluminum
02 Steel
03 Carbon fiber

[IF NECESSARY: "carbon fiber is less common than fiberglass. It is expensive, but it is sometimes used for sailboats because of its light weight."]

04 Fiberglass
05 Rigid hull inflatable
06 Rubber
07 Vinyl
08 Canvas

09 Wood, or

10 Another material

97 DON'T KNOW

99 REFUSED

/ */IF SELECTED=1/*

PROPULS What is the primary means of propulsion of the boat?

01 Human powered with oars, paddles, or pedals

02 Air thrust

03 Propeller

04 Sail

05 Water jet

97 DON'T KNOW

99 REFUSED

/ */IF CATX IN (1,3) THEN AUTOPUNCH HASMOT=1*
/ *IF THE BOAT IS A POWERBOAT OR A PWC, IT DEFINITELY HAS A MOTOR*
/ */IF CATX IN (4,5) THEN AUTOPUNCH HASMOT=2*
/ *IF IT'S A CANOE OR KAYAK, IT DOESN'T HAVE A MOTOR*
/ */IF CATX IN (2,6) THEN ASK*

HASMOT Does the boat have a motor?

01 YES

02 NO

97 DON'T KNOW

99REFUSED

/ */IF HASMOT=01/*
/ */IF THE BOAT HAS A MOTOR/*

MOTOR Which type of motor or engine powers the boat? Do not include trolling motors. Is it…

01 Inboard engine

02 Outboard motor

03 Inboard-outboard engine [IF NECESSARY: "This is also called a sterndrive"]

97 DON'T KNOW

99 REFUSED

/ */IF HASMOT=01/*
/ *IF THE BOAT HAS A MOTOR/*

MOTNUM How many engines or motors power the boat?

__ RECORD NUMBER 1-3

97 DON'T KNOW

99 REFUSED

/ */IF HASMOT=01/*
/ */IF THE BOAT HAS A MOTOR/*

MOTHP What is the total horsepower of the engines or motors that power the boat?

[IF NECESSARY: “If that boat has twin 25-horsepower engines, its total horsepower is 50”]

__ RECORD HORSEPOWER 1-997
97 DON’T KNOW
99 REFUSED

/ */IF HASMOT=01/*
/ */IF THE BOAT HAS A MOTOR/*
/ */MULTIPUNCH/*

MOTFUEL Which type(s) of fuel is/are used in the boat’s primary engine? Does it use…

01 Diesel
02 Electric
03 Gasoline
04 Other (SPECIFY)
97 DON’T KNOW
99 REFUSED

/ */IF MOTFUEL=4*

MOTFUELOTH ____ENTER OTHER SPECIFY

END BOAT DETAILS

BOAT OPERATION

/ */IF SELECTED=1/*

PRIMOP Are you the primary operator of the boat?

01 YES
02 NO
97 DON’T KNOW
99 REFUSED

/ */IF SELECTED=1/*

OWNSAFE Have you ever taken a boat safety course?

01 YES
02 NO
97 DON’T KNOW
99 REFUSED

/ ***/IF SELECTED=1/***

OWNEXP How experienced in the operation of the boat are you? Would you say…

01 Very experienced

02 Somewhat experienced

03 Somewhat inexperienced

04 Very inexperienced

97 DON'T KNOW

99 REFUSED

END BOAT OPERATION

ECONOMIC IMPACT OF RECREATIONAL BOATING

MODULE—BOAT EXPENDITURES COROLLARY QUESTIONS

/ ***/IF SELECTED=1/***

STORED Where is the boat kept during the primary boating season?

01 On the water, or

02 On land

97 DON'T KNOW

99 REFUSED

/ ***/IF SELECTED=1/***

WATER Do you intend to take the boat out on the water in 2010?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF SELECTED=1/***

TRAILR Was the boat transported, or trailered for the purpose of launching it in [reference period: previous calendar year]?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF SELECTED=1/***

OUTST Was the boat used outside the state of where the boat is kept in [reference period: previous calendar year]

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

END MODULE—BOAT EXPENDITURES COROLLARY QUESTIONS

BOAT EXPENDITURES

/ */IF SELECTED=1/*

SPNDYR During [last calendar year], did you or anyone in your household spend any money on **this boat**?

[IF NECESSARY: "Think about expenses such as insurance, storage, motors, supplies, safety, and maintenance and repairs."]

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ */IF SPNDYR=01//*
/ */DISPLAY PREQ AT THE TOP OF THE SCREEN FOR EACH ITEM IN THIS SERIES./*

PREQ. The next questions are about money you spent on **this boat** in 2010.

/ */ASK ALL/*

SPNDBOAT1 Did you buy this boat new in 2010?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ */ASK IF SPNDBOAT1=YES/*

SPNDBOAT2 How much did you spend?

__ RECORD RESPONSE

97 DON'T KNOW

99 REFUSED

/ */IF SPNDYR=01//*

SPNDLOAN1 Do you have a monthly loan payment for this boat?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/ASK IF SPNDLOAN1=YES AND BOATTYPE IN (POWERBOAT, SAILBOAT, PERSONAL WATERCRAFT)/***

SPNDLOAN2 How much do you pay monthly for the boat including principal and interest?

/ ***/IF SPNDYR=01//***

SPNDSTOR Storage including slip rental fees, dry stack, winter storage, and self storage rental

/ ***ASK IF CATX IN (1,2,3) AND SPNDYR=01//***
/ ***/ASK IF BOATTYPE IN (POWERBOAT, SAILBOAT, PERSONAL WATERCRAFT)/***

SPNDINS Insurance for liability, theft, fire

/ ***ASK IF CATX IN (1,2,3) AND SPNDYR=01//***
/ ***/ASK IF BOATTYPE IN (POWERBOAT, SAILBOAT, PERSONAL WATERCRAFT)/***

SPNDTAX Taxes on the boat

/ ***ASK IF CATX IN (1,2,3) AND SPNDYR=01//***
/ ***/ASK IF BOATTYPE IN (POWERBOAT, SAILBOAT, PERSONAL WATERCRAFT)/***

SPNDNEQP New motors and trailers

/ ***ASK IF CATX IN (1,2,3) AND SPNDYR=01//***
/ ***/ASK IF BOATTYPE IN (POWERBOAT, SAILBOAT, PERSONAL WATERCRAFT)/***

SPNDUEQP Pre-Owned and Rented motors and trailers

/ ***/IF SPNDYR=01//***

SPNDMNT Services performed by others like boat maintenance, repairs, or installation of new products

[IF NECESSARY: "upgrades performed by others including labor and parts"]

/ ***/IF SPNDYR=01//***

SPNDPART Products, parts, supplies, and accessories that you purchased directly

[IF NECESSARY: "to be installed or used on the boat or the trailer including electronics and navigation, parts, docking and anchors, paint and maintenance supplies, hardware, sail supplies, trailer parts, etc."]

/ ***/IF SPNDYR=01//***

SPNDOTH Other things including boating-related clothing, fishing equipment for this boat, navigation charts, safety-related equipment, and water sports equipment

END ECONOMIC IMPACT OF RECREATIONAL BOATING

RECRUIT FOR BOAT PANEL

/ ***IF SELECTED=1***

PART1 The US Coast Guard is interested in learning about how boats are used so that it can understand how safe boating is. Your personal experiences on this boat can help. Can we contact you this year to conduct very short surveys about this boat?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF PART1=02 TERM/***
/ ***/IF PART1=01/***
/ ***/IF RESPONDENT AGREES TO A FOLLOW UP/***

PART2 Great! We will contact you 2 to 4 times in the coming year to ask you a few questions about this boat. The surveys will take about 10 minutes, and because we value your time, you will be compensated with $5 for each completed survey. Participation is completely voluntary, and your responses are completely confidential.

01 CONTINUE

02 TERMINATE

/ ***/IF PART2=01/***
/ ***/IF RESPONDENT IS CONTINUING/***

RECRUITP Thank you for agreeing to participate! Would this number be the best one to contact you at in the future, or do you prefer we reach you at a different number?

01 THIS NUMBER IS BEST

02 DIFFERENT NUMBER (RECORD)

97 DON'T KNOW

99 REFUSED

/ ***/IF PART2=01/***
/ ***/IF RESPONDENT IS CONTINUING/***

RECRUITA Can we please have an address at which to reach you?

01 GAVE RESPONSE (RECORD)

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF PART2=01/***
/ ***/IF RESPONDENT IS CONTINUING/***

RECRUITE And can we please have your email address?

01 GAVE RESPONSE (RECORD)

02 NO

97 DON’T KNOW

99 REFUSED

/ ***/IF PART2=01/***
/ ***/IF RESPONDENT IS CONTINUING/***

PART3 Do you prefer to be contacted by phone or e-mail?

01 PHONE

02 EMAIL

97 DON’T KNOW

99 REFUSED

/ ***/IF PART2=01/***
/ ***/IF RESPONDENT IS CONTINUING/***

CLOSE Thank you very much!

END RECRUIT FOR BOAT PANEL

Appendix B: Trip Survey

E-mail/ Postcard Invitation

Dear Panelist,

Earlier this year, we contacted you on behalf of the United States Coast Guard to talk about your recreational boat. I am writing to request your participation in an additional survey.

The purpose of this survey is to explore your recent use of the boat. This includes safety equipment on board, your spending during the trip, and anything that might have happened on the trip, such as an accidental beaching.

It is important for us to obtain responses no matter how frequently people use their boats or how much money they spend while boating. Only with participation by everyone on the panel will the findings from the study represent everyone in your state.

Your identity and answers will remain confidential and will only be used within the CG to contact you for follow-up inquires. However, the CG may share statistical data with its boating partners from industry and academia. In the event you feel that any of the questions are an intrusion of your privacy, you may terminate the survey at any time. Go to the survey now by clicking the link below

[link]

If you have any questions or comments about this study, we would be happy to talk with you. Please contact SOME ONE by phone at ###-###-#### or you can write to us at the address at the bottom of this letter.

Thank you very much for your help with this important study. Please return your completed questionnaire in the postage paid envelope provided.

Sincerely,

/ ***INTRO SCREEN***

INFO. Thanks for taking the National Recreational Boating Survey. This survey is about the boat we talked to you about in a previous survey, your [identifier; boat type].

You don't have to answer any question you don't want to, and you can end the interview at any time. The interview will take about 5 minutes. The United States Coast Guard is interested in how Americans spend their free time.

Any information you provide will be kept private, to the extent permitted by law.

We'll send you a $5 honorarium for your time when you complete the survey.

/ ***/NEW SCREEN***
/ ***/REQUIRED***

BTELIG

Did you own the boat on January first of this year?

01 YES

02 NO

/ ***/IF BTELIG IN (02,97,99), THEN THANK AND TERMINATE. REMOVE RESPONDENT FROM BOAT PANEL./***
/ ***/IF RESPONDENT DID NOT HAVE BOAT ON JANUARY FIRST OF THIS YEAR, THEN TERMINATE AND REMOVE RESPONDENT FROM BOAT PANEL/***
/ ***/IF BTELIG=01/***
/ ***/IF RESPONDENT OWNED BOAT ON JANUARY OF THIS YEAR/***
/ ***/REQUIRED***

STILLBT

Do you still own the boat?

01 YES

02 NO

/ ***/IF STILLBT IN (02,97,99) THEN THANK AND TERMINATE, REMOVE RESPONDENT FROM THE BOAT PANEL/***
/ ***/IF RESPONDENT DOES NOT OWN THE BOAT, DOES NOT KNOW, OR REFUSES THEN TERMINATE AND REMOVE FROM THE BOAT PANEL/***

Water Days

IDENTIFY WATER RECREATION DAYS

/ */IF STILLBT=01/*
/ */IF RESPONDENT OWNS THE BOAT/*
/ */THROUGHOUT, 'REFERENCE PERIOD' SHOULD BE THE NAME OF THE MOST RECENT MONTH/*
/ */REQUIRED*

WTRIP

During [reference period; most recent calendar month], was there any day when the boat went out on the water? Please include times when your boat was used but you were not on it.

01 YES

02 NO

/ */IF WTRIP=01/*
/ */IF THE BOAT WENT OUT ON THE WATER/*
/ */RANGE=1-31/*
/ */REQUIRED*

WTRN

On how many days in [reference period] did the boat go out on the water?

We're just interested in days that you actually put the boat on the water. If you were on the water for two or more days, just count the first day.

RECORD NUMBER /RANGE 1-31/

/ ***THE SURVEY WILL HAVE UP TO TWO TRIP REPORTS. HERE, WE SET A FLAG TO TELL US HOW MANY TRIPS WE'LL PROFILE.***
/ ***THEN FOR EACH WATER DAY, WE'LL PICK ONE OF THE TRIPS FROM THE SET OF WTRN***
/ ***IF WTRN=1 THEN WPROFILES=1***
/ ***ELSE IF WTRN>1 THEN WPROFILES=2***
/ ***ELSE WPROFILES=0***

FIRST WATER DAY

/ ***/PICK THE FIRST WATER DAY***
/ ***/IF WPROFILES IN (1, 2) THEN***
/ ***SELECT A RANDOM INTEGER 1 TO WTRN=TRIP1***
/ ***IDENTIFIER IS 'NTH' AS IN 'FIRST', 'SECOND', ... 'THIRTEENTH'***
/ ***SAY***

First, we'll ask about one particular day the boat was on the water. The survey has randomly selected to ask about the [identifier] day.

OBTAIN QUALIFIED RESPONDENT

/ ***/IF STILLBT=01/***
/ ***/IF RESPONDENT OWNS THE BOAT/***
/ ***/REQUIRED/***

ONBT1. On the [identifier] day the boat went out, were you personally on the boat?

01 YES

02 NO

/ ***/IF ONBT1=01 THEN TRIPELIG=1/***
/ ***/IF ONBT1 IN (02)/***
/ ***/REQUIRED***

ONBT2. Was someone else from your household on the boat?

01 YES

02 NO

/ ***/IF ONBT2 IN (02), TERMINATE TRIP REPORT. DO NOT TERMINATE THE SURVEY./***
/ ***/TRIPELIG=0/***
/ ***/IF NOT ONE FROM THE HOUSEHOLD ON THE BOAT, NO TRIP REPORT/***
/ ***/IF ONBT2=01/***
/ ***/IF SOMEONE FROM THE HOUSEHOLD WAS ON THE BOAT/***
/ ***/REQUIRED***

ONBT3. Were any of the members of your household who were present at least 16 years old?

01 YES

02 NO

/ */IF ONBT3 IN (02), TERMINATE TRIP REPORT. DO NOT TERMINATE THE SURVEY./*
/ */TRIPELIG=0/*
/ */IF NO ONE ON THE BOAT WAS OF THE HOUSEHOLD AND AT LEAST 16, NO TRIP REPORT/*
/ */IF ONBT3=01/*
/ */IF HOUSEHOLD MEMBERS PRESENT WERE AT LEAST 16 YEARS OF AGE/*
/ */REQUIRED*

ONBT4. Would you say you know what happened on the trip including where the boat went and how long it was on the water?

01 YES

02 NO

/ */IF ONBT4=01 THEN TRIPELIG=1/*
/ */IF ONBT IN (02,97,99)/*
/ */IF RESPONDENT KNOWS WHAT HAPPENED ON THE BOAT TRIP/*
/ */NOT REQUIRED*

ONBTDATE. What date in [reference period] was [identifier]?

RECORD DATE

/ */IF ONBT4 IN (02,97,99) THEN SET TRIP2=TRIP1 AND RESELECT TRIP1 BETWEEN 1 AND WTRN WHERE TRIP 1 NE TRIP2*
/ *THIS WILL MEAN THAT WE HAVE A CHANCE TO COMPELTE A TRIP WITH THE PERSON ON THE PHONE BEFORE WE HAVE TO ASK FOR THE HAND-OFF.*

TRIP REPORT HAND-OFF MODULE

/ */IF ONBT4 IN (02) REQUEST TRANSFER BELOW/*

NEEDXFRtrip

We need to conduct this part of the survey with someone from your household who is at least 16 years old and who was on the boat that day. Can you ask someone who fits that description to come to the computer?

When you're ready, click 'Next'.

/ */NEXT SCREEN*
/ */REQUIRED*

AGEQUALc. Are you at least 16 years of age?

01 YES

02 NO

/ */IF AGEQUALC IN (02, 97, 99) THEN TERMINATE/*
/ */SET TERMTYPE=AGEUSER/*
/ */NEXT SCREEN*
/ */IF AGEQUALC=1*

INFOc. Thanks for taking the National Recreational Boating Survey. This survey is about the boat we talked to you about in a previous survey, your [identifier; boat type].

You don't have to answer any question you don't want to, and you can end the interview at any time. The interview will take about 5 minutes. The United States Coast Guard is interested in how Americans spend their free time.

Any information you provide will be kept private, to the extent permitted by law.

01 PRESSED NEXT

/ */IF INFOC=01 THEN RESPXFR=1/*
/ */IF INFOC=01/*
/ */REQUIRED*

TRIPREM We understand that you spent time on a boat owned by someone in your household on [identifier] in [reference period]. Do you remember that?

01 YES

02 NO

/ */IF TRIPREM IN (02,97,99) THEN REQUEST THE ORIGINAL RESPONDENT/*
/ */SKIP TO SECOND WATER DAY COLLECTION/*

We need to conduct the next part of the survey with [sample name]. Can you ask that person to come back to the computer?

When you're ready, click 'Next'.

/ */TRIPELIG=0/*
/ */IF TRIPREM=01 THEN TRIPELIG=1/*

END TRIP HAND-OFF MODULE

TRIP EXPOSURE

STATES WHERE BOATED

/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */NOT REQUIRED*

WLOC

On [identifier], which of the United States was the boat in when it went out on the water?

01 ALABAMA

02 ALASKA

04 ARIZONA

05 ARKANSAS
06 CALIFORNIA
08 COLORADO
09 CONNECTICUT
10 DELAWARE
11 DISTRICT OF COLUMBIA
12 FLORIDA
13 GEORGIA
15 HAWAII
16 IDAHO
17 ILLINOIS
18 INDIANA
19 IOWA
20 KANSAS
21 KENTUCKY
22 LOUISIANA
23 MAINE
24 MARYLAND
25 MASSACHUSETTS
26 MICHIGAN
27 MINNESOTA
28 MISSISSIPPI
29 MISSOURI
30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND

45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN
56 WYOMING

/ ***IF WLOC=96***
/ ***NOT REQUIRED***

WLOCo Other location

RECORD LOCATION

/ ***/IF WLOC IN (1-56)/***
/ ***/IF RESPONDENT NAMED A LOCATION IN THE LIST/***
/ ***/NOT REQUIRED***

WOTHST1

On that day, did the boat go into states other than [WLOC]?

01 YES
02 NO

/ ***/IF WOTHST1=01/***
/ ***/IF THE BOAT WENT TO MORE THAN ONE LOCATION/***
/ ***/MULTIPUNCH/***
/ ***/NOT REQUIRED***

WOTHST2

Which ones?

01 ALABAMA
02 ALASKA
04 ARIZONA
05 ARKANSAS
06 CALIFORNIA
08 COLORADO
09 CONNECTICUT
10 DELAWARE
11 DISTRICT OF COLUMBIA
12 FLORIDA
13 GEORGIA
15 HAWAII
16 IDAHO
17 ILLINOIS
18 INDIANA
19 IOWA
20 KANSAS
21 KENTUCKY
22 LOUISIANA
23 MAINE
24 MARYLAND
25 MASSACHUSETTS
26 MICHIGAN

27 MINNESOTA
28 MISSISSIPPI
29 MISSOURI
30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND
45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN
56 WYOMING

/ ***IF WOTHST2=96***
/ ***/NOT REQUIRED***

OTHST2o Other location

RECORD LOCATION

PEOPLE ON THE BOAT

/ ***/NEW SCREEN FOR WPPL AND WKIDS***
/ ***/IF NOT MISSING TRIP1***
/ ***/IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT***
/ ***/NOT REQUIRED***

WPPL

Including you, how many people went on the boat that day?

If people got on and off the boat, how many people did you have with you most of the time?

RECORD NUMBER /RANGE=1-997/

/ ***/IF WPPL>1***
/ ***/WKIDS<WPPL***
/ ***IF THERE WAS MORE THAN ONE PERSONON THE BOAT; THE RESPONDENT IS NECESSARILY OVER 16***
/ ***/NOT REQUIRED***

WKIDS How many children under the age of 16 were on the boat?

ENTER RESPONSE /RANGE=0-10/

BOAT HOURS

/ */NEW SCREEN*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */NOT REQUIRED*

OVERNT

On that day, did the boat stay out on the water overnight?

01 YES

02 NO

/ */NEW SCREEN FOR LNCHTIME, DOCKDAY, DOCKTIME*
/ */IF OVERNT=01/*
/ */IF THE BOAT STAYED ON THE WATER OVERNIGHT, COLLECT THE SETOUT AND RETURN TIMES, WE'LL CALCULATE HOURS FROM THESE/*
/ */NOT REQUIRED*

LNCHTIME

About what time of day did [identifier] set out?

RECORD TIME

/ */IF OVERNT=01/*
/ */IF THE BOAT STAYED ON THE WATER OVERNIGHT/*
/ */RANGE=1-90/*
/ */NOT REQUIRED*

DOCKDAY

How many days later did the boat dock again?

RECORD NUMBER

/ */IF OVERNT=01/*
/ */IF THE BOAT STAYED ON THE WATER OVERNIGHT/*
/ */NOT REQUIRED*

DOCKTIME

About what time did the boat dock again the day it returned?

RECORD TIME

/ */NEW SCREEN*
/ */IF OVERNT=01/*
/ */IF THE BOAT STAYED ON THE WATER OVERNIGHT/*

PREWHRS I'm going to ask you some questions about the whole trip starting on [identifier] to when the boat docked again on [//popin]. Please answer for that whole time

/ */NEW SCREEN*
/ */IF OVRNT=02/*
/ */IF IT WAS JUST A DAY TRIP/*
/ */RANGE=1-24/*
/ */NOT REQUIRED*

WHRS

On that day, how many hours did the boat spend on the water before it was moored, docked, or taken out of the water again?

RECORD NUMBER /RANGE 1-24/

/ */PUT A FLAG FOR PARTIAL COMPLETE HERE. TRIPS FOR WHICH HOURS DATA ARE AVAILABLE WILL COUNT TOWARD THE FINAL DATA./*

TYPES OF WATER

/ */NEW SCREEN*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */MULTIPUNCH*
/ */NOT REQUIRED*

WRTYPE

On that day, did the boat go on any:

01 Brackish water (freshwater mixed with saltwater)

02 Freshwater

03 Saltwater

/ */NEW SCREEN*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ *MULTIPUNCH*
/ */NOT REQUIRED*

WRBODY

What kinds of bodies of water did it go out on?

01 LAKE

02 BAY

03 RIVER

04 CANAL

05 INTERCOASTAL WATERWAY

06 OCEAN

07 OTHER (SPECIFY)

/ */NEW SCREEN*
/ */IF WRBODY=07*
/ */NOT REQUIRED*

WRBODYOTH

ENTER OTHER SPECIFY

END TRIP EXPOSURE

BOATING SAFETY AWARENESS AND BEHAVIORS

BOAT OPERATION

/ */NEW SCREEN*
/ */LOAD VARIABLES PRIMOP, OWNSAFE, AND OWNEXP FROM THE BOAT SURVEY/*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */NOT REQUIRED*

WHOOP Did you personally operate the boat on that day?

01 YES

02 NO

/ */NEW SCREEN FOR OPSAFE, OPEXP, OPN*
/ */IF WHOOP=1/*
/ */IF RESPONDENT PERSONALLY OPERATED THE BOAT/*
/ */NOT REQUIRED*

OPSAFE

Have you ever taken a boat safety course?

01 YES

02 NO

/ */IF WHOOP=1/*
/ */IF RESPONDENT PERSONALLY OPERATED THE BOAT/*
/ */NOT REQUIRED*

OPEXP

How experienced in the operation of the boat are you? Would you say…

01 Very experienced

02 Somewhat experienced

03 Somewhat inexperienced

04 Very inexperienced

/ ***/IF (ONBOAT1=1 OR TRIPREM=1) AND WPPL>1/***
/ ***/ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT AND***
/ ***MORE PEOPLE THAN THE RESPONDENT WERE PRESENT ON THE BOAT /***
/ ***/NOT REQUIRED***

OPN

How many people other than yourself operated the boat?

RECORD NUMBER (1-5)

/ ***/NEW SCREEN***
/ ***/SHOW AS A GRID WITH ROWS = OPN, COLUMNS AGE AND EXPERIENCE FOR EACH OTHER OPERATOR***
/ ***/IDENTIFIERS ARE 'THE FIRST PERSON OTHER THAN YOU WHO OPERATED THE BOAT, ETC.***
/ ***/FOR EACH PERSON IN OPN/***
/ ***/VARIABLE NAMES ARE OP1-OPN AS IN OP1-OP4/***
/ ***/NOT REQUIRED***

OPAGE1-OPAGEN

How old was the first person other than you who operated the boat?

/ ***DROP DOWN LIST FOR GRID***

01 5 or younger,

02 6 to 10

03 11 to 15

04 16 to 17

05 18 to 24

06 25 to 34

07 35 to 44

08 45 to 54

09 55 to 64

10 Over 65

/ ***/FOR EACH PERSON IN OPN/***
/ ***/DROP DOWN LIST FOR GRID***
/ ***/NOT REQUIRED***

OPEXP1-OPEXPN

How experienced in the operation of the [selected] boat was the [identifier] operator? Would you say…

01 Very experienced

02 Somewhat experienced

03 Somewhat inexperienced

04 Very inexperienced

ALCOHOL

/ */NEW SCREEN FOR ALC AND ALCOP*
/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

The next questions ask about activities you engaged in on that day. All your responses are anonymous and confidential

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ */NOT REQUIRED*

ALC

Alcohol includes beer, wine, malt beverages, and liquor. On that day, did anyone on the boat drink alcohol before or during the trip on the water

01 YES

02 NO

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ */NOT REQUIRED*

ALCop

On that day, did anyone drink alcohol before or during operating the boat?

01 YES

02 NO

LIFE JACKETS

/ */NEW SCREEN FOR LFJBT-LFPN*
/ */SHOW AS GRID*
/ */LFJN IS ILLEGAL IF LFJBT IS NOT CHECKED*
/ *//IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ */NOT REQUIRED*

LFJBT

Were there life jackets on the boat that day?

01 YES

02 NO

/ ***/IF LFJBT=01/***
/ ***/IF THERE WERE LIFE JACKETS ON THE BOAT THAT DAY/***
/ ***/RANGE=1-50/***
/ ***/NOT REQUIRED***

LFJN

How many?

__ RECORD RESPONSE

/ ***/IF (ONBOAT1=1 OR TRIPREM=1)***
/ ***/ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT***
/ ***LFPN IS ILLEGAL IF LFPBT IS NOT CHECKED***
/ ***/NOT REQUIRED***

LFPBT

Were there life preservers or throwable devices on the boat that day?

01 YES

02 NO

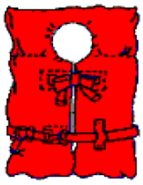
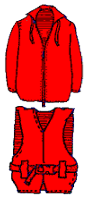
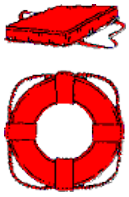
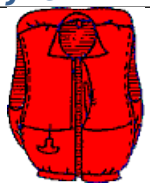
/ ***/IF LFPBT=01/***
/ ***/IF THERE WERE LIFE PRESERVERS OR THROWABLE DEVICES/***
/ ***/RANGE=1-50/***
/ ***/NOT REQUIRED***

LFPN

How many?

__ RECORD RESPONSE

/ ***/NEW SCREEN***
/ ***/IF LFJBT=1 OR LFPBT=1***
/ ***/NOT REQUIRED***
/ ***/THIS GRID COLLECTS THE SPECIFIC NUMBER OF EACH TYPE OF JACKET***

				
Type I Off-shore Life Jacket This life jacket is designed for extended survival in rough, open	Type II Near-shore Buoyant Vest This "classic" vest comes in several sizes for adults and children and is	Type III Flotation Aid Flotation aids are generally considered the most comfortable, with styles for	Type IV Throwable Device These are designed to be thrown to a person in the water.	Type V Special Use Device Special use life jackets include work vests, deck suits, and hybrids for

water. It usually will turn an unconscious person face up and has over 22 pounds of buoyancy. This is the best life jacket to keep you afloat in remote regions where rescue may be slow in coming. #	for calm inland water where there is chance of fast rescue. It is less bulky and less expensive than a Type I, and many will turn an unconscious person face-up in the water. #	different boating activities and sports. They are for use in calm water where there is good chance of fast rescue since they will generally not turn an unconscious person face-up. #	Throwable devices include boat cushions, ring buoys, and horseshoe buoys. They are not designed to be worn and must be supplemented by wearable life jackets. #	restricted use. Hybrid vests contain some internal buoyancy and are inflatable to provide additional flotation. #

/ ***/NEW SCREEN***
/ ***/IF (ONBOAT1=1 OR TRIPREM=1)***
/ ***/ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT***

LFJSLF

Did you wear a lifejacket all the time on that day?

01 YES

02 NO

/ ***/NEW SCREEN FOR WKID5-LJKID15***
/ ***/SHOW AS GRID***
/ ***IF WKIDS>1 THEN ASK***
/ ***/LJKID RESPONSE CANNOT BE GREATER THAN WKID RESPONSE***
/ ***/NOT REQUIRED***

People on the boat who were	# present	# who wore a life jacket all the time while on board
less than 6 years old	WKID5	LJKID5
6 to 10 years old	WKID10	LJKID10

11 to 15 years old	WKID15	LJKID15

/ */NEW SCREEN*
/ */IF (ONBOAT1=1 OR TRIPREM=1) AND WPPL>WKIDS+1*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ *AND THE TOTAL NUMBER OF PEOPLE IS GREATER THAN THE RESPONDENT + THE CHILDREN*
/ */RANGE=0-997/*
/ */NOT REQUIRED*

LFJAD

Not including you, how many of the people aged 16 and over wore lifejackets all the time they were on the boat?

__ RECORD NUMBER

MODULE: REASONS FOR LIFEJACKET USE

/ */NEW SCREEN FOR LFJWHYA AND LFJWHYC*
/ */IF LFJSLF=2 AND RANDUNIFORM<.1 /*
/ *ASK OF 10% OF RESPONDENTS WHO DIDN'T WEAR A LIFEJACKET ALL THE TIME*
/ */NOT REQUIRED*

LFJWHYA

Why did you not wear a lifejacket all the time?

RECORD RESPONSE

/ */IF LFJC5=2 LFJC10=2 OR LFJC15=2 AND RANDUNIFORM<.1 /*
/ *ASK OF 10% OF RESPONDENTS WHO REPORT THAT ANY CHILD DIDN'T WEAR A LIFE JACKET ALL THE TIME.*
/ */NOT REQUIRED*

LFJWHYC

You indicated that someone under 15 didn't wear a lifejacket all the time. Can you tell me why that was?

RECORD RESPONSE

END MODULE: REASONS FOR LIFEJACKET USE

OTHER SAFETY EQUIPMENT

/ ***/NEW SCREEN***
/ ***/SHOW AS GRID***
/ ***/ALL CHECKBOXES***
/ ***/IF CATX NOT IN (4,5)***
/ ***/ASK IF BOAT TYPE IS NOT CANOE OR KAYAK/***
/ ***/USED CANNOT BE CHECKED FOR ITEMS NOT ON THE BOAT***
/ ***/NOT REQUIRED***

Safety equipment	On the boat that day	Used for safety purposes that day
First aid kit	SFFA	SFFAUSED
Equipment for reaching someone in the water such	SFHOOK	SFHOOKUSED
Fire extinguisher	SFEXT	SFEXTUSED
Visual distress signals such as flares	SFVDIST	SFVDISTUSED
Sound signal such as a horn	SFSDIST	SFSDISTUSED
Emergency Position Indicating Radio Beacon-EPIRB	SFEPIRB	SFEPIRBUSED

END SAFETY AWARENESS AND BEHAVIORS

NEGATIVE EVENT INCIDENCE AND RISK

NEGATIVE EVENTS

/ ***/LOAD HASMOT FROM BOAT SURVEY***
/ ***ASK IF HASMOT=1 OR CATX=2***
/ ***/ASK IF BOAT HAS A MOTOR OR BOAT TYPE=SAILBOAT/***
/ ***/NEW SCREEN***
/ ***/ASK AS GRID***
/ ***/NUMBER OF OCCURENCES AND NUMBER OF TIMES REPORTED CANNOT BE FILLED UNLESS 'OCCURRED' IS CHECKED***
/ ***/NUMBER OF OCCURRENCES >=NUMBER OF TIMES REPORTED***

On **that day**, please tell us about any accidents

Event	Occurred	Number of occurrences	Number of times reported to authorities

Collision with another vessel	ACCCOLV	ACCCOLVn	ACCCOLVREP
Boat ran aground	ACCAGD	ACCAGDn	ACCAGDREP
Collision with a fixed or submerged object	ACCCOLF	ACCCOLF n	ACCCOLF REP
Capsize, flood, or swamp	ACCFLD	ACCFLD n	ACCFLD REP
Someone fell overboard	ACCOVBRD	ACCOVBRD n	ACCOVBRD REP
Water-skier accident	ACCSKI	ACCSKI n	ACCSKI REP

DAMAGE TO PEOPLE AND VESSELS

/ */NEW SCREEN FOR ACCDAMAGE, ACCINJURY*
/ *IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1*

Did any of these incidents involve:

/ *IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1*

ACCDAMAGE Damage to vessels or other property of $2,000 or more, or complete loss of any vessel?

01 YES

02 NO

/ *IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1*

ACCINJURY An injury requiring medical treatment or first aid

01 YES

02 NO

ECONOMIC IMPACT OF RECREATIONAL BOATING

/ */NEW SCREEN*

The next questions are about all the time you spent away from home that included the day on the water we've been talking about. These questions are about the time from when you left your house until you returned home again, which could be just the day or, or it could be several days.

/ */NEW SCREEN*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */NOT REQUIRED*

TRPDIST How far did you travel by land on this trip to reach the place where the boat was kept or was launched?

RECORD MILES /RANGE 0-9999/

MODULE: BOAT EXPENDITURE COROLLARY QUESTIONS

/ */NEW SCREEN*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */NOT REQUIRED*

STYAWY. Did you stay away from home with your boat for one or more days on this trip?

01 YES

02 NO

/ */NEW SCREEN FOR STYN-TRIPDYS*
/ */IF STYAWY=01/*
/ */IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/*
/ */RANGE=0-996/*
/ */NOT REQUIRED*

STYN. How many nights were you away from home on this trip?

RECORD NUMBER 0-996

/ */IF STYAWY=01/*
/ */IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/*
/ */MULTIPLE*
/ */NOT REQUIRED*

What type of lodging did you use on this trip? Did you stay

STYFF	With friends or family
STYBB	At a bed and breakfast
STYHTL	At a hotel or motel
STYCMP	At a campground
STYOBT	On board the boat

STYDK DK

STYREF REF

/ */IF STYOBT=01/*
/ */SHOW INDENTED UNDER STYOBT/*
/ */STYOBTN CANNOT BE FILLED UNLESSSTYOBT=1*
/ */IF RESPONDENT STAYED ON THE BOAT/*
/ */NOT REQUIRED*

STYOBTN How many nights did you stay onboard the boat?

RECORD NUMBER /RANGE=1-50/

/ */IF STYAWY=01/*
/ */IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/*
/ */NOT REQUIRED*

TRPDYS How many total days did you take the boat out on the water on this trip?

RECORD NUMBER /RANGE=1-50/

/ */NEW SCREEN*
/ */IF NOT MISSING TRIP1 AND CATX=2*
/ *MULTIPLE*
/ */NOT REQUIRED*

At which types of launch sites or ramps was the boat launched on this trip? Was it launched at

LCHAG A launch site operated by a state boating or fishing agency.

LCHGVT A launch site operated by a county or local government

LCHFED A launch site operated by a federal agency such as the National Park Service, NOAA, U.S. Forest Service, Army Corps of Engineers, Fish and Wildlife Service, Bureau of Reclamation

LCHMR A launch site at a marina or dry stack

LCHPRV A privately owned/operated launch site

/ */NEW SCREEN FOR TRPMOT TRPMOTHR*
/ */LOAD HASMOT FROM BOAT SURVEY. /*
/ */ IF NOT MISSING TRIP1 AND HASMOT=1/*
/ *IF THERE IS A VALID TRIP AND THERE IS A MOTOR*

TRPMOT Were the boat's motors or engines operated during this trip?

01 YES

02 NO

/ */IF TRPMOT=01/*
/ */NEST UNDER TRPMOT. VALUES ILLEGAL UNLESS TRPMOT=1*
/ */IF MOTORS OR ENGINES WERE OPERATED DURING THIS TRIP/*
/ */RANGE=1-997/*

TRPMOTHR Approximately how many hours did you operate the motors or engines on this trip?

RECORD NUMBER

END MODULE: BOAT EXPENDITURE COROLLARY QUESTIONS

TRIP EXPENDITURES

/ */NEW SCREEN FOR EXPNRFUEL-EXPNRLODG*
/ */SHOW IN GRID WITH SPACE FOR CURRENCY IN THE RESPONSE COLUMN*
/ */IF NOT MISSING TRIP1*
/ */NOT REQUIRED*

The next questions concern money you spent on this trip on things other than the boat itself.

/ */IF TRPDIST>20/*

Think about money you spent within 20 miles of your home while preparing for the trip. We'll ask you about money you spent traveling to and near the launch site in a moment.

/ */IF NOT MISSING TRIP1*

How much did you spend for this trip [if TRPDIST>20 then "**before you left**"] on …

/ */IF HASMOT=01/*
/ */IF BOAT HAS A MOTOR/*

EXPNRFUEL Boat fuel and oil:

RECORD NUMBER/RANGE=0-997/

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPNRDOCK Temporary dockage or marina fee:

RECORD NUMBER/RANGE=0-997/

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPNRLNCH Pump-out and launch fees:

RECORD NUMBER/RANGE=0-997/

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRMEAL Restaurant meals and drinks:

RECORD NUMBER/RANGE=0-997/

/ */IF NOT MISSING TRIP1*

EXPNRGROC Groceries, take-out food and drinks:

RECORD NUMBER/RANGE=0-997/

/ */IF NOT MISSING TRIP1*

EXPNRGAS Auto gas and oil:

RECORD NUMBER/RANGE=0-997/

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRSHOP Shopping and souvenirs:

RECORD NUMBER/RANGE=0-997/

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRREC Recreation and entertainment:

RECORD NUMBER/RANGE=0-997/

/ */IF STYAWY=1 AND TRPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*
/ */AND THEY STAYED AWAY FROM HOME*

EXPNRLODG Lodging expenses (e.g., hotel, camping, and B&B):

RECORD NUMBER/RANGE=0-9997/

/ */IF TRPDIST>20/*
/ */IF THEY WENT FURTHER THAN 20 MILES TO START THE TRIP*
/ */NEW SCREEN FOR EXPFRFUEL-EXPFRLODG*
/ */SHOW IN GRID WITH SPACE FOR CURRENCY IN THE RESPONSE COLUMN*
/ */IF NOT MISSING TRIP1*
/ */NOT REQUIRED*

The next questions concern money you spent **after you left home for the trip**.

After you left home, how much did you spend on…

/ */IF HASMOT=01/*
/ */IF BOAT HAS A MOTOR/*

EXPFRFUEL Boat fuel and oil:

RECORD NUMBER/RANGE=0-997/

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPFRDOCK Temporary dockage or marina fee:

RECORD NUMBER/RANGE=0-997/

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPFRLNCH Pump-out and launch fees:

RECORD NUMBER/RANGE=0-997/

/ */IF TRPDIST>20/*

EXPFRMEAL Restaurant meals and drinks:

RECORD NUMBER/RANGE=0-997/

/ */IF TRPDIST>20/*

EXPFRGROC Groceries, take-out food and drinks:

RECORD NUMBER/RANGE=0-997/

/ */IF TRPDIST>20/*

EXPFRGAS Auto gas and oil:

RECORD NUMBER/RANGE=0-997/

/ */IF TRPDIST>20/*

EXPFRSHOP Shopping and souvenirs:

RECORD NUMBER/RANGE=0-997/

/ */IF TRPDIST>20/*

EXPFRREC Recreation and entertainment:

RECORD NUMBER/RANGE=0-997/

/ */IF STYAWY=1 AND /IF TRPDIST>20/*
/ *AND THEY STAYED AWAY FROM HOME*

EXPFRLODG Lodging expenses (e.g., hotel, camping, and B&B):

RECORD NUMBER/RANGE=0-9997/

END ECONOMIC IMPACT OF RECREATIONAL BOATING

SECOND WATER DAY

/ */IF TRIPREM=1*
/ */IF THERE WAS A RESPONDENT TRANSFER, WE NEED TO TRANSFER BACK AGAIN*

We need to conduct the next part of the survey with [sample name]. Can you ask that person to come back to the computer?

When you're ready, click 'Next'.

/ */PICK THE SECOND WATER DAY*
/ */IF WPROFILES IN (2) THEN*
/ *SELECT A RANDOM INTEGER 1 TO WTRN=TRIP2*
/ *TRIP1 CANNOT EQUAL TRIP2*
/ *IF TTRIP1 ORIGINALLY REQUIRED A HAND-OFF, IT WAS MOVED TO TRIP2. COMPLETE THAT HAND-OFF AND REPORT NOW BY POPULATING ONBT1-ONBTDATE FROM ABOVE*
/ *IDENTIFIER IS 'NTH' AS IN 'FIRST', 'SECOND', ... 'THIRTEENTH'*
/ *SAY*

Next, we'll ask about another particular day the boat was on the water. The survey has randomly selected to ask about the [identifier] day.

OBTAIN QUALIFIED RESPONDENT

/ */IF STILLBT=01/*
/ */IF RESPONDENT OWNS THE BOAT/*
/ */REQUIRED/*

ONBT1. On the [identifier] day the boat went out, were you personally on the boat?

01 YES

02 NO

/ */IF ONBT1=01 THEN TRIPELIG=1/*
/ */IF ONBT1 IN (02)/*
/ */REQUIRED*

ONBT2. Was someone else from your household on the boat?

01 YES

02 NO

/ ***/IF ONBT2 IN (02), TERMINATE TRIP REPORT. DO NOT TERMINATE THE SURVEY./***
/ ***/TRIPELIG=0/***
/ ***/IF NOT ONE FROM THE HOUSEHOLD ON THE BOAT, NO TRIP REPORT/***
/ ***/IF ONBT2=01/***
/ ***/IF SOMEONE FROM THE HOUSEHOLD WAS ON THE BOAT/***
/ ***/REQUIRED***

ONBT3. Were any of the members of your household who were present at least 16 years old?

01 YES

02 NO

/ ***/IF ONBT3 IN (02), TERMINATE TRIP REPORT. DO NOT TERMINATE THE SURVEY./***
/ ***/TRIPELIG=0/***
/ ***/IF NO ONE ON THE BOAT WAS OF THE HOUSEHOLD AND AT LEAST 16, NO TRIP REPORT/***
/ ***/IF ONBT3=01/***
/ ***/IF HOUSEHOLD MEMBERS PRESENT WERE AT LEAST 16 YEARS OF AGE/***
/ ***/REQUIRED***

ONBT4. Would you say you know what happened on the trip including where the boat went and how long it was on the water?

01 YES

02 NO

/ ***/IF ONBT4=01 THEN TRIPELIG=1/***
/ ***/IF ONBT IN (02,97,99)/***
/ ***/IF RESPONDENT KNOWS WHAT HAPPENED ON THE BOAT TRIP/***
/ ***/NOT REQUIRED***

ONBTDATE. What date in [reference period] was [identifier]?

RECORD DATE

/ ***/IF ONBT4 IN (02,97,99) THEN SET TRIP2=TRIP1 AND RESELECT TRIP1 BETWEEN 1 AND WTRN WHERE TRIP 1 NE TRIP2***
/ ***THIS WILL MEAN THAT WE HAVE A CHANCE TO COMPELTE A TRIP WITH THE PERSON ON THE PHONE BEFORE WE HAVE TO ASK FOR THE HAND-OFF.***

TRIP REPORT HAND-OFF MODULE

/ ***/IF ONBT4 IN (02) REQUEST TRANSFER BELOW/***

NEEDXFRtrip

We need to conduct this part of the survey with someone from your household who is at least 16 years old and who was on the boat that day. Can you ask someone who fits that description to come to the computer?

When you’re ready, click ‘Next’.

/ */NEXT SCREEN*
/ */REQUIRED*

AGEQUALc. Are you at least 16 years of age?

01 YES

02 NO

/ */IF AGEQUALC IN (02, 97, 99) THEN TERMINATE/*
/ */SET TERMTYPE=AGEUSER/*
/ */NEXT SCREEN*
/ */IF AGEQUALC=1*

INFOc. Thanks for taking the National Recreational Boating Survey. This survey is about the boat we talked to you about in a previous survey, your [identifier; boat type].

You don't have to answer any question you don't want to, and you can end the interview at any time. The interview will take about 5 minutes. The United States Coast Guard is interested in how Americans spend their free time.

Any information you provide will be kept private, to the extent permitted by law.

01 PRESSED NEXT

/ */IF INFOC=01 THEN RESPXFR=1/*
/ */IF INFOC=01/*
/ */REQUIRED*

TRIPREM We understand that you spent time on a boat owned by someone in your household on [identifier] in [reference period]. Do you remember that?

01 YES

02 NO

/ */IF TRIPREM IN (02,97,99) THEN REQUEST THE ORIGINAL RESPONDENT/*
/ */SKIP TO DOCKED DAY COLLECTION/*

We need to conduct the next part of the survey with [sample name]. Can you ask that person to come back to the computer?

When you're ready, click 'Next'.

/ */TRIPELIG=0/*
/ */IF TRIPREM=01 THEN TRIPELIG=1/*

END TRIP HAND-OFF MODULE

TRIP EXPOSURE

STATES WHERE BOATED

/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */NOT REQUIRED*

WLOC

On [identifier], which of the United States was the boat in when it went out on the water?

01 ALABAMA
02 ALASKA
04 ARIZONA
05 ARKANSAS
06 CALIFORNIA
08 COLORADO
09 CONNECTICUT
10 DELAWARE
11 DISTRICT OF COLUMBIA
12 FLORIDA
13 GEORGIA
15 HAWAII
16 IDAHO
17 ILLINOIS
18 INDIANA
19 IOWA
20 KANSAS
21 KENTUCKY
22 LOUISIANA
23 MAINE
24 MARYLAND
25 MASSACHUSETTS
26 MICHIGAN
27 MINNESOTA
28 MISSISSIPPI

29 MISSOURI
30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND
45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN
56 WYOMING

/ ***IF WLOC=96***
/ ***NOT REQUIRED***

WLOCo Other location

RECORD LOCATION

/ ***/IF WLOC IN (1-56)/***
/ ***/IF RESPONDENT NAMED A LOCATION IN THE LIST/***
/ ***/NOT REQUIRED***

WOTHST1

On that day, did the boat go into states other than [WLOC]?

01 YES

02 NO

/ */IF WOTHST1=01/*
/ */IF THE BOAT WENT TO MORE THAN ONE LOCATION/*
/ */MULTIPUNCH/*
/ */NOT REQUIRED*

WOTHST2

Which ones?

01 ALABAMA
02 ALASKA
04 ARIZONA
05 ARKANSAS
06 CALIFORNIA
08 COLORADO
09 CONNECTICUT
10 DELAWARE
11 DISTRICT OF COLUMBIA
12 FLORIDA
13 GEORGIA
15 HAWAII
16 IDAHO
17 ILLINOIS
18 INDIANA
19 IOWA
20 KANSAS
21 KENTUCKY
22 LOUISIANA
23 MAINE
24 MARYLAND
25 MASSACHUSETTS
26 MICHIGAN
27 MINNESOTA
28 MISSISSIPPI
29 MISSOURI
30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND
45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN
56 WYOMING

/ */IF WOTHST2=96*
/ */NOT REQUIRED*

OTHST2o Other location

RECORD LOCATION

PEOPLE ON THE BOAT

/ */NEW SCREEN FOR WPPL AND WKIDS*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */NOT REQUIRED*

WPPL

Including you, how many people went on the boat that day?

If people got on and off the boat, how many people did you have with you most of the time?

RECORD NUMBER /RANGE=1-997/

/ ***/IF WPPL>1***
/ ***/WKIDS<WPPL***
/ ***IF THERE WAS MORE THAN ONE PERSONON THE BOAT; THE RESPONDENT IS NECESSARILY OVER 16***
/ ***/NOT REQUIRED***

WKIDS How many children under the age of 16 were on the boat?

ENTER RESPONSE /RANGE=0-10/

BOAT HOURS

/ ***/NEW SCREEN***
/ ***/IF NOT MISSING TRIP1***
/ ***/IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT***
/ ***/NOT REQUIRED***

OVERNT

On that day, did the boat stay out on the water overnight?

01 YES

02 NO

/ ***/NEW SCREEN FOR LNCHTIME, DOCKDAY, DOCKTIME***
/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT, COLLECT THE SETOUT AND RETURN TIMES, WE'LL CALCULATE HOURS FROM THESE/***
/ ***/NOT REQUIRED***

LNCHTIME

About what time of day did [identifier] set out?

RECORD TIME

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***
/ ***/RANGE=1-90/***
/ ***/NOT REQUIRED***

DOCKDAY

How many days later did the boat dock again?

RECORD NUMBER

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***
/ ***/NOT REQUIRED***

DOCKTIME

About what time did the boat dock again the day it returned?

RECORD TIME

/ ***/NEW SCREEN***
/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***

PREWHRS I'm going to ask you some questions about the whole trip starting on [identifier] to when the boat docked again on [//popin]. Please answer for that whole time

/ ***/NEW SCREEN***
/ ***/IF OVRNT=02/***
/ ***/IF IT WAS JUST A DAY TRIP/***
/ ***/RANGE=1-24/***
/ ***/NOT REQUIRED***

WHRS

On that day, how many hours did the boat spend on the water before it was moored, docked, or taken out of the water again?

RECORD NUMBER /RANGE 1-24/

/ ***/PUT A FLAG FOR PARTIAL COMPLETE HERE. TRIPS FOR WHICH HOURS DATA ARE AVAILABLE WILL COUNT TOWARD THE FINAL DATA./***

TYPES OF WATER

/ ***/NEW SCREEN***
/ ***/IF NOT MISSING TRIP1***
/ ***/IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT***
/ ***/MULTIPUNCH***
/ ***/NOT REQUIRED***

WRTYPE

On that day, did the boat go on any:

01 Brackish water (freshwater mixed with saltwater)

02 Freshwater

03 Saltwater

/ */NEW SCREEN*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */MULTIPUNCH*
/ */NOT REQUIRED*

WRBODY

What kinds of bodies of water did it go out on?

01 LAKE
02 BAY
03 RIVER
04 CANAL
05 INTERCOASTAL WATERWAY
06 OCEAN
07 OTHER (SPECIFY)

/ */NEW SCREEN*
/ */IF WRBODY=07*
/ */NOT REQUIRED*

WRBODYOTH

ENTER OTHER SPECIFY

END TRIP EXPOSURE

BOATING SAFETY AWARENESS AND BEHAVIORS

BOAT OPERATION

/ */NEW SCREEN*
/ */LOAD VARIABLES PRIMOP, OWNSAFE, AND OWNEXP FROM THE BOAT SURVEY/*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */NOT REQUIRED*

WHOOP Did you personally operate the boat on that day?

01 YES
02 NO

/ */NEW SCREEN FOR OPSAFE, OPEXP, OPN*
/ */IF WHOOP=1 AND TRIPREM=1*
/ */IF RESPONDENT PERSONALLY OPERATED THE BOAT*
/ */AND THE RESPONDENT TO THIS TRIP IS DIFFERENT FROM THE RESPONDENT TO THE LAST TRIP (TRIPREM REFERS TO THE HAND-OFF)*
/ */NOT REQUIRED*

OPSAFE

Have you ever taken a boat safety course?

01 YES

02 NO

/ ***/IF WHOOP=1 AND TRIPREM=1***
/ ***/IF RESPONDENT PERSONALLY OPERATED THE BOAT***
/ ***AND THE RESPONDENT TO THIS TRIP IS DIFFERENT FROM THE RESPONDENT TO THE LAST TRIP (TRIPREM REFERS TO THE HAND-OFF)***
/ ***/NOT REQUIRED***

OPEXP

How experienced in the operation of the boat are you? Would you say…

01 Very experienced

02 Somewhat experienced

03 Somewhat inexperienced

04 Very inexperienced

/ ***/IF (ONBOAT1=1 OR TRIPREM=1) AND WPPL>1/***
/ ***/ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT AND***
/ ***MORE PEOPLE THAN THE RESPONDENT WERE PRESENT ON THE BOAT /***
/ ***/NOT REQUIRED***

OPN

How many people other than yourself operated the boat?

RECORD NUMBER (1-5)

/ ***/NEW SCREEN***
/ ***/SHOW AS A GRID WITH ROWS = OPN, COLUMNS AGE AND EXPERIENCE FOR EACH OTHER OPERATOR***
/ ***/IDENTIFIERS ARE 'THE FIRST PERSON OTHER THAN YOU WHO OPERATED THE BOAT, ETC.***
/ ***/FOR EACH PERSON IN OPN/***
/ ***/VARIABLE NAMES ARE OP1-OPN AS IN OP1-OP4/***
/ ***/NOT REQUIRED***

OPAGE1-OPAGEN

How old was the first person other than you who operated the boat?

/ ***DROP DOWN LIST FOR GRID***

01 5 or younger,

02 6 to 10

03 11 to 15

04 16 to 17

05 18 to 24

06 25 to 34

07 35 to 44

08 45 to 54

09 55 to 64

10 Over 65

/ */FOR EACH PERSON IN OPN/*
/ */DROP DOWN LIST FOR GRID*
/ */NOT REQUIRED*

OPEXP1-OPEXPN

How experienced in the operation of the [selected] boat was the [identifier] operator? Would you say…

01 Very experienced

02 Somewhat experienced

03 Somewhat inexperienced

04 Very inexperienced

ALCOHOL

/ */NEW SCREEN FOR ALC AND ALCOP*
/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

The next questions ask about activities you engaged in on that day. All your responses are anonymous and confidential

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ */NOT REQUIRED*

ALC

Alcohol includes beer, wine, malt beverages, and liquor. On that day, did anyone on the boat drink alcohol before or during the trip on the water

01 YES

02 NO

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ */NOT REQUIRED*

ALCop

On that day, did anyone drink alcohol before or during operating the boat?

01 YES

02 NO

LIFE JACKETS

/ */NEW SCREEN FOR LFJBT-LFPN*
/ */PREPOPULATE RESPONSES WITH RESPONSES FROM TRIP1*
/ */SHOW AS GRID*
/ *LFJN IS ILLEGAL IF LFJBT IS NOT CHECKED*
/ *//IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ */NOT REQUIRED*

LFJBT

Were there life jackets on the boat that day?

01 YES
02 NO

/ */IF LFJBT=01/*
/ */IF THERE WERE LIFE JACKETS ON THE BOAT THAT DAY/*
/ */RANGE=1-50/*
/ */NOT REQUIRED*

LFJN

How many?

__ RECORD RESPONSE

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ *LFPN IS ILLEGAL IF LFPBT IS NOT CHECKED*
/ */NOT REQUIRED*

LFPBT

Were there life preservers or throwable devices on the boat that day?

01 YES
02 NO

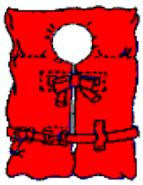
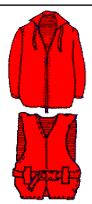
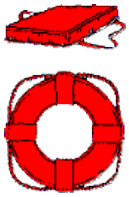
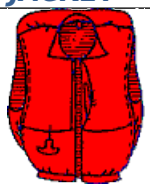
/ */IF LFPBT=01/*
/ */IF THERE WERE LIFE PRESERVERS OR THROWABLE DEVICES/*
/ */RANGE=1-50/*
/ */NOT REQUIRED*

LFPN

How many?

__ RECORD RESPONSE

/ */NEW SCREEN*
/ */PREPOPULATE RESPONSES WITH RESPONSES FROM TRIP1*
/ */IF LFJBT=1 OR LFPBT=1*
/ */NOT REQUIRED*
/ */THIS GRID COLLECTS THE SPECIFIC NUMBER OF EACH TYPE OF JACKET*

				
Type I Off-shore Life Jacket This life jacket is designed for extended survival in rough, open water. It usually will turn an unconscious person face up and has over 22 pounds of buoyancy. This is the best life jacket to keep you afloat in remote regions where rescue may be slow in coming. #	Type II Near-shore Buoyant Vest This "classic" vest comes in several sizes for adults and children and is for calm inland water where there is chance of fast rescue. It is less bulky and less expensive than a Type I, and many will turn an unconscious person face-up in the water. #	Type III Flotation Aid Flotation aids are generally considered the most comfortable, with styles for different boating activities and sports. They are for use in calm water where there is good chance of fast rescue since they will generally not turn an unconscious person face-up. #	Type IV Throwable Device These are designed to be thrown to a person in the water. Throwable devices include boat cushions, ring buoys, and horseshoe buoys. They are not designed to be worn and must be supplemented by wearable life jackets. #	Type V Special Use Device Special use life jackets include work vests, deck suits, and hybrids for restricted use. Hybrid vests contain some internal buoyancy and are inflatable to provide additional flotation. #

/ */NEW SCREEN*
/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

LFJSLF

Did you wear a lifejacket all the time on that day?

01 YES

02 NO

/ */NEW SCREEN FOR WKID5-LJKID15*
/ */SHOW AS GRID*
/ */IF WKIDS>1 THEN ASK*
/ */LJKID RESPONSE CANNOT BE GREATER THAN WKID RESPONSE*
/ */NOT REQUIRED*

People on the boat who were	# present	# who wore a life jacket all the time while on board
less than 6 years old	WKID5	LJKID5
6 to 10 years old	WKID10	LJKID10
11 to 15 years old	WKID15	LJKID15

/ */NEW SCREEN*
/ */IF (ONBOAT1=1 OR TRIPREM=1) AND WPPL>WKIDS+1*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ *AND THE TOTAL NUMBER OF PEOPLE IS GREATER THAN THE RESPONDENT + THE CHILDREN*
/ */RANGE=0-997/*
/ */NOT REQUIRED*

LFJAD

Not including you, how many of the people aged 16 and over wore lifejackets all the time they were on the boat?

__ RECORD NUMBER

OTHER SAFETY EQUIPMENT

/ */NEW SCREEN*
/ */SHOW AS GRID*
/ */ALL CHECKBOXES*
/ */PREPOPULATE SFFA-SFEPIRB WITH RESPONSES FROM TRIP1*
/ */IF CATX NOT IN (4,5)*
/ */ASK IF BOAT TYPE IS NOT CANOE OR KAYAK/*
/ */USED CANNOT BE CHECKED FOR ITEMS NOT ON THE BOAT*
/ */NOT REQUIRED*

Safety equipment	On the boat that day	Used for safety purposes that day
First aid kit	SFFA	SFFAUSED

Equipment for reaching someone in the water such	SFHOOK	SFHOOKUSED
Fire extinguisher	SFEXT	SFEXTUSED
Visual distress signals such as flares	SFVDIST	SFVDISTUSED
Sound signal such as a horn	SFSDIST	SFSDISTUSED
Emergency Position Indicating Radio Beacon-EPIRB	SFEPIRB	SFEPIRBUSED

END SAFETY AWARENESS AND BEHAVIORS

NEGATIVE EVENT INCIDENCE AND RISK

NEGATIVE EVENTS

/ ***/LOAD HASMOT FROM BOAT SURVEY***
/ ***ASK IF HASMOT=1 OR CATX=2***
/ ***/ASK IF BOAT HAS A MOTOR OR BOAT TYPE=SAILBOAT/***
/ ***/NEW SCREEN***
/ ***/ASK AS GRID***
/ ***/NUMBER OF OCCURENCES AND NUMBER OF TIMES REPORTED CANNOT BE FILLED UNLESS 'OCCURRED' IS CHECKED***
/ ***/NUMBER OF OCCURRENCES >=NUMBER OF TIMES REPORTED***

On **that day**, please tell us about any accidents

Event	Occurred	Number of occurrences	Number of times reported to authorities
Collision with another vessel	ACCCOLV	ACCCOLVn	ACCCOLVREP
Boat ran aground	ACCAGD	ACCAGDn	ACCAGDREP
Collision with a fixed or submerged object	ACCCOLF	ACCCOLF n	ACCCOLF REP
Capsize, flood, or swamp	ACCFLD	ACCFLD n	ACCFLD REP
Someone fell overboard	ACCOVBRD	ACCOVBRD n	ACCOVBRD REP
Water-skier accident	ACCSKI	ACCSKI n	ACCSKI REP

DAMAGE TO PEOPLE AND VESSELS

/ */NEW SCREEN FOR ACCDAMAGE, ACCINJURY*
/ *IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1*

Did any of these incidents involve:

/ *IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1*

ACCDAMAGE Damage to vessels or other property of $2,000 or more, or complete loss of any vessel?

01 YES

02 NO

/ *IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1*

ACCINJURY An injury requiring medical treatment or first aid

01 YES

02 NO

ECONOMIC IMPACT OF RECREATIONAL BOATING

/ */NEW SCREEN*

The next questions are about all the time you spent away from home that included the day on the water we've been talking about. These questions are about the time from when you left your house until you returned home again, which could be just the day or, or it could be several days.

/ */NEW SCREEN*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */NOT REQUIRED*

TRPDIST How far did you travel by land on this trip to reach the place where the boat was kept or was launched?

RECORD MILES /RANGE 0-9999/

MODULE: BOAT EXPENDITURE COROLLARY QUESTIONS

/ */NEW SCREEN*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */NOT REQUIRED*

STYAWY. Did you stay away from home with your boat for one or more days on this trip?

01 YES

02 NO

/ */NEW SCREEN FOR STYN-TRIPDYS*
/ */IF STYAWY=01/*
/ */IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/*
/ */RANGE=0-996/*
/ */NOT REQUIRED*

STYN. How many nights were you away from home on this trip?

RECORD NUMBER 0-996

/ */IF STYAWY=01/*
/ */IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/*
/ */MULTIPLE*
/ */NOT REQUIRED*

What type of lodging did you use on this trip? Did you stay

STYFF	With friends or family
STYBB	At a bed and breakfast
STYHTL	At a hotel or motel
STYCMP	At a campground
STYOBT	On board the boat

STYDK DK

STYREF REF

/ */IF STYOBT=01/*
/ */SHOW INDENTED UNDER STYOBT/*
/ */STYOBTN CANNOT BE FILLED UNLESSSTYOBT=1*
/ */IF RESPONDENT STAYED ON THE BOAT/*
/ */NOT REQUIRED*

STYOBTN How many nights did you stay onboard the boat?

RECORD NUMBER /RANGE=1-50/

/ */IF STYAWY=01/*
/ */IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/*
/ */NOT REQUIRED*

TRPDYS How many total days did you take the boat out on the water on this trip?

RECORD NUMBER /RANGE=1-50/

/ */NEW SCREEN*
/ */IF NOT MISSING TRIP1 AND CATX=2*
/ *MULTIPLE*
/ */NOT REQUIRED*

At which types of launch sites or ramps was the boat launched on this trip? Was it launched at

LCHAG A launch site operated by a state boating or fishing agency.

LCHGVT A launch site operated by a county or local government

LCHFED A launch site operated by a federal agency such as the National Park Service, NOAA, U.S. Forest Service, Army Corps of Engineers, Fish and Wildlife Service, Bureau of Reclamation

LCHMR A launch site at a marina or dry stack

LCHPRV A privately owned/operated launch site

/ */NEW SCREEN FOR TRPMOT TRPMOTHR*
/ */LOAD HASMOT FROM BOAT SURVEY. /*
/ */ IF NOT MISSING TRIP1 AND HASMOT=1/*
/ *IF THERE IS A VALID TRIP AND THERE IS A MOTOR*

TRPMOT Were the boat's motors or engines operated during this trip?

01 YES

02 NO

/ */IF TRPMOT=01/*
/ */NEST UNDER TRPMOT. VALUES ILLEGAL UNLESS TRPMOT=1*
/ */IF MOTORS OR ENGINES WERE OPERATED DURING THIS TRIP/*
/ */RANGE=1-997/*

TRPMOTHR Approximately how many hours did you operate the motors or engines on this trip?

RECORD NUMBER

END MODULE: BOAT EXPENDITURE COROLLARY QUESTIONS

TRIP EXPENDITURES

/ */NEW SCREEN FOR EXPNRFUEL-EXPNRLODG*
/ */SHOW IN GRID WITH SPACE FOR CURRENCY IN THE RESPONSE COLUMN*
/ */IF NOT MISSING TRIP1*
/ */NOT REQUIRED*

The next questions concern money you spent on this trip on things other than the boat itself.

/ */IF TRPDIST>20/*

Think about money you spent within 20 miles of your home while preparing for the trip. We'll ask you about money you spent traveling to and near the launch site in a moment.

/ */IF NOT MISSING TRIP1*

How much did you spend for this trip [if TRPDIST>20 then "**before you left**"] on …

/ */IF HASMOT=01/*
/ */IF BOAT HAS A MOTOR/*

EXPNRFUEL Boat fuel and oil:

RECORD NUMBER/RANGE=0-997/

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPNRDOCK Temporary dockage or marina fee:

RECORD NUMBER/RANGE=0-997/

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPNRLNCH Pump-out and launch fees:

RECORD NUMBER/RANGE=0-997/

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRMEAL Restaurant meals and drinks:

RECORD NUMBER/RANGE=0-997/

/ */IF NOT MISSING TRIP1*

EXPNRGROC Groceries, take-out food and drinks:

RECORD NUMBER/RANGE=0-997/

/ */IF NOT MISSING TRIP1*

EXPNRGAS Auto gas and oil:

RECORD NUMBER/RANGE=0-997/

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRSHOP Shopping and souvenirs:

RECORD NUMBER/RANGE=0-997/

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRREC Recreation and entertainment:

RECORD NUMBER/RANGE=0-997/

/ */IF STYAWY=1 AND TRPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*
/ */AND THEY STAYED AWAY FROM HOME*

EXPNRLODG Lodging expenses (e.g., hotel, camping, and B&B):

RECORD NUMBER/RANGE=0-9997/

/ */IF TRPDIST>20/*
/ */IF THEY WENT FURTHER THAN 20 MILES TO START THE TRIP*
/ */NEW SCREEN FOR EXPFRFUEL-EXPFRLODG*
/ */SHOW IN GRID WITH SPACE FOR CURRENCY IN THE RESPONSE COLUMN*
/ */IF NOT MISSING TRIP1*
/ */NOT REQUIRED*

The next questions concern money you spent **after you left home for the trip**.

After you left home, how much did you spend on…

/ */IF HASMOT=01/*
/ */IF BOAT HAS A MOTOR/*

EXPFRFUEL Boat fuel and oil:

RECORD NUMBER/RANGE=0-997/

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPFRDOCK Temporary dockage or marina fee:

RECORD NUMBER/RANGE=0-997/

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPFRLNCH Pump-out and launch fees:

RECORD NUMBER/RANGE=0-997/

/ */IF TRPDIST>20/*

EXPFRMEAL Restaurant meals and drinks:

RECORD NUMBER/RANGE=0-997/

/ */IF TRPDIST>20/*

EXPFRGROC Groceries, take-out food and drinks:

RECORD NUMBER/RANGE=0-997/

/ */IF TRPDIST>20/*

EXPFRGAS Auto gas and oil:

RECORD NUMBER/RANGE=0-997/

/ */IF TRPDIST>20/*

EXPFRSHOP Shopping and souvenirs:

RECORD NUMBER/RANGE=0-997/

/ */IF TRPDIST>20/*

EXPFRREC Recreation and entertainment:

RECORD NUMBER/RANGE=0-997/

/ */IF STYAWY=1 AND /IF TRPDIST>20/*
/ */AND THEY STAYED AWAY FROM HOME*

EXPFRLODG Lodging expenses (e.g., hotel, camping, and B&B):

RECORD NUMBER/RANGE=0-9997/

END ECONOMIC IMPACT OF RECREATIONAL BOATING

Docked days

IDENTIFY DOCKED RECREATION DAYS

/ */IF TRIPREM=1*
/ */IF THERE WAS A RESPONDENT TRANSFER, WE NEED TO TRANSFER BACK AGAIN*

We need to conduct the next part of the survey with [sample name]. Can you ask that person to come back to the computer?

When you're ready, click 'Next'.

/ */NEW SCREEN*
/ */ALL/*
/ */NOT REQUIRED*

STOREM

During [reference period; last calendar month], was the boat kept on land or on the water?

01 LAND

02 WATER

/ */NEW SCREEN FOR DTRIP AND DTRN*
/ */IF STOREM=02/*
/ */IF THE BOAT WAS STORED ON WATER, PROCESS WITH THIS SECTION. ELSE SKIP TO THE END./*
/ */NOT REQUIRED*

DTRIP

During [reference period; last calendar month], was there any day when you or members of your household spent time on the boat while it was docked but didn't take it out on the water?

This could be working on the boat, socializing, or doing any other activity while the boat was docked.

We're interested in days when you personally were on your boat.

01 YES

02 NO

/ */IF DTRIP=01/*
/ */IF SPENT TIME ON BOAT WHILE DOCKED/*
/ */MULTIPLE=1-7/*
/ */NOT REQUIRED*

DTRN

On how many days in [reference period; last calendar month] did you or someone from your household spend more than an hour on the boat while it was docked?

RECORD NUMBER 1-7

/ ***THE SURVEY WILL HAVE UP TO TWO DOCKED REPORTS. HERE, WE SET A FLAG TO TELL US HOW MANY TRIPS WE'LL PROFILE.***
/ ***THEN FOR EACH DOCKED DAY, WE'LL PICK ONE OF THE TRIPS FROM THE SET OF DTRN***
/ ***IF DTRN=1 THEN DPROFILES=1***
/ ***ELSE IF DTRN>1 THEN DPROFILES=2***
/ ***ELSE DPROFILES=0***

FIRST DOCKED DAY

/ */PICK THE FIRST DOCKED DAY*
/ */IF DPROFILES IN (1, 2) THEN*
/ *SELECT A RANDOM INTEGER 1 TO DTRN=DTRIP1*
/ *IDENTIFIER IS 'NTH' AS IN 'FIRST', 'SECOND', ... 'THIRTEENTH'*
/ *SAY*

Next, we're going to ask about one particular day you spent time on the boat on the dock. The computer has randomly selected to ask about the [identifier] day.

TRIP EXPOSURE

STATES WHERE BOATED

/ *IFNOT MISSING DTRIP1*
/ */NOT REQUIRED*

DLOC

On that day, which of the United States was the boat in?

RECORD STATE, INCLUDE PUERTO RICO, VIRGIN ISLANDS, GUAM, AND OUTSIDE THE US

01-56. STATE FIPS CODE
77. DON'T KNOW/NOT SURE
99. REFUSED
/STATE FIPS CODES FOR PROGRAMMING ARE BELOW/

```
01    Alabama
02    Alaska
04    Arizona
05    Arkansas
06    California
08    Colorado
```

```
09    Connecticut
10    Delaware
11    District of Columbia
12    Florida
13    Georgia
15    Hawaii
16    Idaho
17    Illinois
18    Indiana
19    Iowa
20    Kansas
21    Kentucky
22    Louisiana
23    Maine
24    Maryland
25    Massachusetts
26    Michigan
27    Minnesota
28    Mississippi
29    Missouri
30    Montana
31    Nebraska
32    Nevada
33    New Hampshire
34    New Jersey
35    New Mexico
36    New York
37    North Carolina
38    North Dakota
39    Ohio
40    Oklahoma
41    Oregon
42    Pennsylvania
44    Rhode Island
45    South Carolina
46    South Dakota
47    Tennessee
48    Texas
49    Utah
50    Vermont
51    Virginia
53    Washington
54    West Virginia
55    Wisconsin
56    Wyoming
97 DON'T KNOW
99 REFUSED
```

PEOPLE ON THE BOAT

/ ***IFNOT MISSING DTRIP1***
/ ***/NOT REQUIRED***

DPPL

Including you, how many people were on the boat while it was docked?

RECORD NUMBER 1-997

BOAT HOURS

/ ***IFNOT MISSING DTRIP1***
/ ***/NOT REQUIRED***

DHRS

On that day, how many hours did you spend on the boat while it was docked?

RECORD NUMBER 1-24

SECOND DOCKED DAY

/ ***/PICK THE SECOND DOCKED DAY***
/ ***/IF DPROFILES IN (2) THEN***
/ ***SELECT A RANDOM INTEGER 1 TO DTRN=DTRIP2***
/ ***DTRIP2 CANNOT EQUAL DTRIP1***
/ ***IDENTIFIER IS 'NTH' AS IN 'FIRST', 'SECOND', ... 'THIRTEENTH'***
/ ***SAY***

Next, I'm going to ask about one particular day you spent time on the boat on the dock. My computer has randomly selected to talk about the [identifier] day.

TRIP EXPOSURE

STATES WHERE BOATED

/ ***IFNOT MISSING DTRIP2***
/ ***/NOT REQUIRED***

DLOC

On that day, which of the United States was the boat in?

RECORD STATE, INCLUDE PUERTO RICO, VIRGIN ISLANDS, GUAM, AND OUTSIDE THE US

01-56. STATE FIPS CODE
77. DON'T KNOW/NOT SURE
99. REFUSED
/STATE FIPS CODES FOR PROGRAMMING ARE BELOW/

```
01    Alabama
02    Alaska
04    Arizona
05    Arkansas
06    California
08    Colorado
09    Connecticut
10    Delaware
11    District of Columbia
12    Florida
13    Georgia
15    Hawaii
```

16 Idaho
17 Illinois
18 Indiana
19 Iowa
20 Kansas
21 Kentucky
22 Louisiana
23 Maine
24 Maryland
25 Massachusetts
26 Michigan
27 Minnesota
28 Mississippi
29 Missouri
30 Montana
31 Nebraska
32 Nevada
33 New Hampshire
34 New Jersey
35 New Mexico
36 New York
37 North Carolina
38 North Dakota
39 Ohio
40 Oklahoma
41 Oregon
42 Pennsylvania
44 Rhode Island
45 South Carolina
46 South Dakota
47 Tennessee
48 Texas
49 Utah
50 Vermont
51 Virginia
53 Washington
54 West Virginia
55 Wisconsin
56 Wyoming
97 DON'T KNOW
99 REFUSED

PEOPLE ON THE BOAT

/ ***IFNOT MISSING DTRIP2***
/ ***/NOT REQUIRED***

DPPL

Including you, how many people were on the boat while it was docked?

RECORD NUMBER 1-997

BOAT HOURS

/ ***IFNOT MISSING DTRIP2***
/ ***/NOT REQUIRED***

DHRS

On that day, how many hours did you spend on the boat while it was docked?

RECORD NUMBER 1-24

/ ***/ALL/***

INTRO1

Hello, may I please speak to [sample name]?

[IF THE PERSON ON THE PHONE ASKS WHY YOU ARE CALLING: “This is [name]. I’m calling on behalf of the US Coast Guard. [Sample name] agreed to help us with a survey about a recreational boat. “]

01 ON THE PHONE

02 SUCCESSFUL TRANSFER

03 CALL BACK

99 REFUSAL

/ ***/IF INTRO1 IN (01,02)/***
/ ***/IF IT IS THE RIGHT PERSON OR A SUCCESSFUL TRANSFER/***

INTRO2

Hello, my name is [full name]. I’m calling on behalf of the United States Coast Guard. A while ago, you filled out a survey about your boat for us, and said we could contact you again. I just have a few questions about trips your boat has been out on in the last [reference period].

01 CONTINUE

03 CALL BACK

99 REFUSAL

/ ***/IF INTRO2=01/***
/ ***/IF THE RESPONDENT IS CONTINUING/***

INFO. I won't ask for your name, address, or other personal information that can identify you. You don’t have to answer any question you don’t want to, and you can end the interview at any time. The interview will take about 5 minutes. The United States Coast Guard is interested in how Americans spend their free time.

Any information you give me will be kept private, to the extent permitted by law. If you have any questions about this survey, I will provide a telephone number for you to call to get more information.

We’ll send you a $5 honorarium for your time for completing the survey.

This interview may be monitored or recorded.

[Is respondent continuing with the interview?]

01 YES

02 NO

/ ***/IF INFO=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH INTERVIEW/***

BTELIG

Did you own the boat on January first of this year?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF BTELIG IN (02,97,99), THEN THANK AND TERMINATE. REMOVE RESPONDENT FROM BOAT PANEL./***
/ ***/IF RESPONDENT DID NOT HAVE BOAT ON JANUARY FIRST OF THIS YEAR, THEN TERMINATE AND REMOVE RESPONDENT FROM BOAT PANEL/***
/ ***/IF BTELIG=01/***
/ ***/IF RESPONDENT OWNED BOAT ON JANUARY OF THIS YEAR/***

STILLBT

Do you still own the boat?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF STILLBT IN (02,97,99) THEN THANK AND TERMINATE, REMOVE RESPONDENT FROM THE BOAT PANEL/***
/ ***/IF RESPONDENT DOES NOT OWN THE BOAT, DOES NOT KNOW, OR REFUSES THEN TERMINATE AND REMOVE FROM THE BOAT PANEL/***

Water Days

IDENTIFY WATER RECREATION DAYS

/ */IF STILLBT=01/*
/ */IF RESPONDENT OWNS THE BOAT/*
/ */THROUGHOUT, 'REFERENCE PERIOD' SHOULD BE THE NAME OF THE MOST RECENT MONTH/*

WTRIP

During [reference period], was there any day when the boat went out on the water? Please include times when your boat was used but you were not on it.

[IF NECESSARY: "We're interested in trips that the boat made whether you were present or not."]

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF WTRIP=01/*
/ */IF THE BOAT WENT OUT ON THE WATER/*
/ */RANGE=1-31/*

WTRN

On how many days in [reference period] did the boat go out on the water?

[IF NECESSARY: "WE'RE JUST INTERESTED IN DAYS THAT YOU ACTUALLY PUT THE BOAT ON THE WATER. IF YOU WERE ON THE WATER FOR TWO OR MORE DAYS, TELL ME THE FIRST DAY."]

RECORD NUMBER 1-31
97 DON'T KNOW
99 REFUSED

/ ***THE SURVEY WILL HAVE UP TO TWO TRIP REPORTS. HERE, WE SET A FLAG TO TELL US HOW MANY TRIPS WE'LL PROFILE.***
/ ***THEN FOR EACH WATER DAY, WE'LL PICK ONE OF THE TRIPS FROM THE SET OF WTRN***
/ ***IF WTRN=1 THEN WPROFILES=1***
/ ***ELSE IF WTRN>1 THEN WPROFILES=2***
/ ***ELSE WPROFILES=0***

FIRST WATER DAY

/ ***/PICK THE FIRST WATER DAY***
/ ***/IF WPROFILES IN (1, 2) THEN***
/ ***SELECT A RANDOM INTEGER 1 TO WTRN=TRIP1***
/ ***IDENTIFIER IS 'NTH' AS IN 'FIRST', 'SECOND', ... 'THIRTEENTH'***
/ ***SAY***

First, I'm going to ask about one particular day the boat was on the water. My computer has randomly selected to talk about the [identifier] day.

OBTAIN QUALIFIED RESPONDENT

/ ***/IF STILLBT=01/***
/ ***/IF RESPONDENT OWNS THE BOAT/***

ONBT1. On the [identifier] day the boat went out, were you personally on the boat?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF ONBT1=01 THEN TRIPELIG=1/***
/ ***/IF ONBT1 IN (02,97,99)/***

ONBT2. Was someone else from your household on the boat?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF ONBT2 IN (02,97,99), TERMINATE TRIP REPORT. DO NOT TERMINATE THE SURVEY./***
/ ***/TRIPELIG=0/***
/ ***/IF NOT ONE FROM THE HOUSEHOLD ON THE BOAT, NO TRIP REPORT/***
/ ***/IF ONBT2=01/***
/ ***/IF SOMEONE FROM THE HOUSEHOLD WAS ON THE BOAT/***

ONBT3. Were any of the members of your household who were present at least 16 years old?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF ONBT3 IN (02,97,99), TERMINATE TRIP REPORT. DO NOT TERMINATE THE SURVEY./***
/ ***/TRIPELIG=0/***
/ ***/IF NO ONE ON THE BOAT WAS OF THE HOUSEHOLD AND AT LEAST 16, NO TRIP REPORT/***
/ ***/IF ONBT3=01/***
/ ***/IF HOUSEHOLD MEMBERS PRESENT WERE AT LEAST 16 YEARS OF AGE/***

ONBT4. Would you say you know what happened on the trip including where the boat went and how long it was on the water?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF ONBT4=01 THEN TRIPELIG=1/***
/ ***/IF ONBT IN (02,97,99)/***
/ ***/IF RESPONDENT KNOWS WHAT HAPPENED ON THE BOAT TRIP/***

ONBTDATE. What date in [reference period] was [identifier]?

RECORD DATE

97 DON'T KNOW

99 REFUSED

/ ***/IF ONBT4 IN (02,97,99) THEN SET TRIP2=TRIP1 AND RESELECT TRIP1 BETWEEN 1 AND WTRN WHERE TRIP 1 NE TRIP2***
/ ***THIS WILL MEAN THAT WE HAVE A CHANCE TO COMPELTE A TRIP WITH THE PERSON ON THE PHONE BEFORE WE HAVE TO ASK FOR THE HAND-OFF.***

TRIP REPORT HAND-OFF MODULE

/ ***/IF ONBT4 IN (02,97,99) REQUEST TRANSFER BELOW/***

NEEDXFRtrip

Can you transfer me to one of the people in your household who was present on the boat on [identifier]?

01 SUCCESSFUL TRANSFER

02 REFUSE TO TRANSFER

03 CALLBACK TO COMPLETE

/ ***/IF NEEDXFRTRIP=003/***
/ ***/THIS IS A SUCCESSFUL TRANSFER OR A CALLBACK/***

XFRNUMtrip. I'll call back to talk to that person. Is there a better number I can call at?

01 YES—RECORD NUMBER

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF NEEDXFRTRIP=003/***
/ ***/THIS IS A SUCCESSFUL TRANSFER OR A CALLBACK/***

XFRNAMEtrip. Can you give me a name to ask for when I call back?

[IF NECESSARY: "I just need a first name or some initials. Anything that will allow me to ask for the right person when I call back."]

[IF NECESSARY: "The survey is completely confidential and anonymous. We won't use any information like your name for any purpose other than contacting you to complete the survey. "]

01 RECORD NAME—SCHEDULE CALLBACK

97 DON'T KNOW

99 REFUSED

/ ***/IF NEEDXFRTRIP=03 THEN SCHEDULE CALLBACK. CALLBACK START ON INTRO1C/***
/ ***/IF NEEDXFRTRIP IN (01,03) /***
/ ***/IF SUCCESSFUL TRANSFER OR CALLBACK COMPLETE/***

INTRO1c

[If XFRNAME ne "": "Hello, may I please speak with [XFRNAME]?"]. My name is [full name]. I spoke with [sample name] in your household about a boat you own, and I understand that you recently went out on the boat. The United States Coast Guard is conducting a short survey about boats to get information to make boating safer.

[IS RESPONDENT CONTINUING WITH THE INTERVIEW?]

01. YES

02. NO

[IF NECESSARY: "We recently called and spoke with someone else in your home about this survey. You were selected to participate."]

[IF NECESSARY: "This is not a sales call. I have nothing to sell either now or later. This is an important survey about your opinions."]

[IF NECESSARY: "Your number was selected randomly by a computer."]

/ ***/IF INTRO1C=01 AND***
/ ***/IF RESPONDENT IS CONTINUING WITH THE INTERVIEW/***

CELL1c. Is this a cell phone?

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/ ***/IF CELL1C=01 /***
/ ***/IF RESPONDENT IS ON A CELL PHONE/***

CELL2c. Your safety is important to us. Are you driving a car or other vehicle right now?

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/ ***/IF CELL2C IN (01,97,99) THEN SET UNSCHEDULED CALLBACK/***
/ ***/IF INTRO1C=01 AND CELL2C NOT IN (01,97,99)***
/ ***/IF RESPONDENT IS CONTINUING WITH INTERVIEW/***

AGEQUALc. Are you at least 16 years of age?

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/ ***/IF AGEQUALC IN (02, 97, 99) THEN TERMINATE/***
/ ***/SET TERMTYPE=AGEUSER/***
/ ***/IF AGEQUALC=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH INTERVIEW/***

INFOc. You are eligible to be interviewed. I won't ask for your name, address, or other personal information that can identify you. You don’t have to answer any question you don’t want to, and you can end the interview at any time. The interview will take about 5 minutes. The United States Coast Guard is interested in how Americans recreate.

Any information you give me will be kept private, to the extent permitted by law. If you have any questions about this survey, I will provide a telephone number for you to call to get more information.

This interview may be monitored or recorded.

[Is respondent continuing with the interview?]

01. YES

02. NO

/ ***/IF INFOC=01 THEN RESPXFR=1/***
/ ***/IF INFOC=01/***

TRIPREM We understand that you spent time on a boat owned by someone in your household on [identifier] in [reference period]. Do you remember that?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF TRIPREM IN (02,97,99) THEN TERMINATE THE TRIP/***
/ ***/TRIPELIG=0/***
/ ***/IF TRIPREM=01 THEN TRIPELIG=1/***

END TRIP HAND-OFF MODULE

TRIP EXPOSURE

STATES WHERE BOATED

/ ***/IF NOT MISSING TRIP1***
/ ***/IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT***

WLOC

On [identifier], which of the United States was the boat in when it went out on the water?

/ ***/STATE FIPS CODES FOR PROGRAMMING ARE BELOW/***

01 ALABAMA
02 ALASKA
04 ARIZONA
05 ARKANSAS
06 CALIFORNIA
08 COLORADO
09 CONNECTICUT
10 DELAWARE
11 DISTRICT OF COLUMBIA
12 FLORIDA
13 GEORGIA
15 HAWAII
16 IDAHO
17 ILLINOIS
18 INDIANA

19 IOWA
20 KANSAS
21 KENTUCKY
22 LOUISIANA
23 MAINE
24 MARYLAND
25 MASSACHUSETTS
26 MICHIGAN
27 MINNESOTA
28 MISSISSIPPI
29 MISSOURI
30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND
45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN
56 WYOMING
96 OTHER (SPECIFY)

97 DON'T KNOW

99 REFUSED

/ ***IF WLOC=96***

WLOCo Other location

RECORD LOCATION

DK

REF

/ ***/IF WLOC NOT IN (96, 97, 99)/***
/ ***/IF RESPONDENT NAMED A LOCATION IN THE LIST/***

WOTHST1

On that day, did the boat go into states other than [WLOC]?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF WOTHST1=01/***
/ ***/IF THE BOAT WENT TO MORE THAN ONE LOCATION/***
/ ***/MULTIPUNCH/***

WOTHST2

Which ones?

/ ***/STATE FIPS CODES FOR PROGRAMMING ARE BELOW/***

01 ALABAMA

02 ALASKA

04 ARIZONA

05 ARKANSAS

06 CALIFORNIA

08 COLORADO

09 CONNECTICUT

10 DELAWARE

11 DISTRICT OF COLUMBIA

12 FLORIDA

13 GEORGIA

15 HAWAII

16 IDAHO

17 ILLINOIS
18 INDIANA
19 IOWA
20 KANSAS
21 KENTUCKY
22 LOUISIANA
23 MAINE
24 MARYLAND
25 MASSACHUSETTS
26 MICHIGAN
27 MINNESOTA
28 MISSISSIPPI
29 MISSOURI
30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND
45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN

56 WYOMING

96 OTHER (SPECIFY)

97 DON'T KNOW

99 REFUSED

/ ***IF WOTHST2=96***

OTHST2o Other location

RECORD LOCATION

DK

REF

PEOPLE ON THE BOAT

/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*

WPPL

Including you, how many people went on the boat that day?

[IF NECESSARY: “How many people did you have with you most of the time?”]

RECORD NUMBER /RANGE=1-997/

97 DON’T’ KNOW

99 REFUSED

/ */IF WPPL>1*
/ *IF THERE WAS MORE THAN ONE PERSONON THE BOAT; THE RESPONDENT IS NECESSARILY OVER 16*

WKIDS How many children under the age of 16 were on the boat?

ENTER RESPONSE /RANGE=0-10/

97 DK

99 REF

BOAT HOURS

/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*

OVERNT

On that day, did the boat stay out on the water overnight?

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/ */IF OVERNT=01/*
/ */IF THE BOAT STAYED ON THE WATER OVERNIGHT, COLLECT THE SETOUT AND RETURN TIMES, WE'LL CALCULATE HOURS FROM THESE/*

LNCHTIME

About what time of day did [identifier] set out?

RECORD TIME

97 DON’T KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***
/ ***/RANGE=1-90/***

DOCKDAY

How many days later did the boat dock again?

RECORD NUMBER

97 DON'T' KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***

DOCKTIME

About what time did the boat dock again the day it returned?

RECORD TIME

97 DON'T KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***

PREWHRS I'm going to ask you some questions about the whole trip starting on [identifier] to when the boat docked again on [//DOCKDAY]. Please answer for that whole time

/ ***/IF OVRNT=02/***
/ ***/IF IT WAS JUST A DAY TRIP/***
/ ***/RANGE=1-24/***

WHRS

On that day, how many hours did the boat spend on the water before it was moored, docked, or taken out of the water again?

RECORD NUMBER 1-24

97 DON'T KNOW

99 REFUSED

/ */PUT A FLAG FOR PARTIAL COMPLETE HERE. TRIPS FOR WHICH HOURS DATA ARE AVAILABLE WILL COUNT TOWARD THE FINAL DATA./*

TYPES OF WATER

/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */MULTIPUNCH*

WRTYPE

On that day, did the boat go on any:

01 Brackish water?

[IF NECESSARY: “Brackish water is water where freshwater and saltwater are mixed.”]

02 freshwater?

03 Saltwater?

97 DON’T KNOW

99 REFUSED

/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ *MULTIPUNCH*
/ *INTERVIEWER CODED*

WRBODY

What kinds of bodies of water did it go out on?

01 LAKE

02 BAY

03 RIVER

04 CANAL

05 INTERCOASTAL WATERWAY

06 OCEAN

07 OTHER (SPECIFY)

97 DON’T KNOW

99 REFUSED

/ *IF WRBODY=07*

WRBODYOTH

ENTER OTHER SPECIFY

END TRIP EXPOSURE

BOATING SAFETY AWARENESS AND BEHAVIORS

BOAT OPERATION

/ */LOAD VARIABLES PRIMOP, OWNSAFE, AND OWNEXP FROM THE BOAT SURVEY/*
/ */IF NOT MISSING TRIP1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*

WHOOP Did you personally operate the boat on that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF WHOOP=1/*
/ */IF RESPONDENT PERSONALLY OPERATED THE BOAT/*

OPSAFE

Have you ever taken a boat safety course?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF WHOOP=1/*
/ */IF RESPONDENT PERSONALLY OPERATED THE BOAT/*

OPEXP

How experienced in the operation of the boat are you? Would you say…

01 Very experienced
02 Somewhat experienced
03 Somewhat inexperienced
04 Very inexperienced
97 DON'T KNOW
99 REFUSED

/ */IF (ONBOAT1=1 OR TRIPREM=1) AND WPPL>1/*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT AND*
/ *MORE PEOPLE THAN THE RESPONDENT WERE PRESENT ON THE BOAT /*

OPN

How many people other than yourself operated the boat?

RECORD NUMBER (1-5)

97 DON'T KNOW

99 REFUSED

/ ***/FOR EACH PERSON IN OPN/***
/ ***/VARIABLE NAMES ARE OP1-OPN AS IN OP1-OP4/***

OPAGE1-OPAGEN

How old was the first person other than you who operated the boat?

01 5 or younger,

02 6 to 10

03 11 to 15

04 16 to 17

05 18 to 24

06 25 to 34

07 35 to 44

08 45 to 54

09 55 to 64

10 Over 65

97 DON'T KNOW

99 REFUSED

/ ***/FOR EACH PERSON IN OPN/***

OPEXP1-OPEXPN

How experienced in the operation of the [selected] boat was the [identifier] operator? Would you say…

01 Very experienced

02 Somewhat experienced

03 Somewhat inexperienced

04 Very inexperienced

97 DON'T KNOW

99 REFUSED

ALCOHOL

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

The next questions ask about activities you engaged in on that day. All your responses are anonymous and confidential

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

ALC

Alcohol includes beer, wine, malt beverages, and liquor. On that day, did anyone on the boat drink alcohol before or during the trip on the water

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

ALCop

On that day, did anyone drink alcohol before or during operating the boat?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

LIFE JACKETS

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

LFJBT

Were there life jackets on the boat that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF LFJBT=01/***
/ ***/IF THERE WERE LIFE JACKETS ON THE BOAT THAT DAY/***
/ ***/RANGE=1-50/***

LFJN

How many?

__ RECORD RESPONSE
97 DON'T KNOW
99 REFUSED

/ ***/IF (ONBOAT1=1 OR TRIPREM=1)***
/ ***/ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT***

LFPBT

Were there life preservers or throwable devices on the boat that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF LFPBT=01/***
/ ***/IF THERE WERE LIFE PRESERVERS OR THROWABLE DEVICES/***
/ ***/RANGE=1-50/***

LFPN

How many?

__ RECORD RESPONSE
97 DON'T KNOW
99 REFUSED

/ ***/IF (ONBOAT1=1 OR TRIPREM=1)***
/ ***/ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT***

LFJSLF

Did you wear a lifejacket all the time on that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***IF WKIDS>1 THEN ASK***

How many children were on the boat who were:

WKID5 less than 6 years old

WKID10 6 to 10 years old

WKID15 11 to 15 years old

RECORD NUMBER FOR EACH

/ ***/IF WKID5>0 THEN ASK LJKID5/***
/ ***/IF ONE OR MORE CHILDREN ON BOAT UNDER SIX YEARS OLD/***

LJKID5

How many of the children who were less than 6 years old wore a lifejacket all the time?

/ ***/IF WKID10>0 THEN ASK LJKID10/***
/ ***/IF ONE OR MORE CHILDREN ON BOAT AGED 6 TO 10***

LJKID10

How many of the children who were 6 to 10 years old wore a lifejacket all the time?

/ ***/IF WKID15>0 THEN ASK LJKID15/***
/ ***/IF ONE ORE MORE CHILDREN ON BOAT AGED 11 TO 15/***

LJKID15

How many of the children who were 11 to 15 years old wore a lifejacket all the time?

/ ***/IF (ONBOAT1=1 OR TRIPREM=1) AND WPPL>WKIDS+1***
/ ***/ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT***
/ ***AND THE TOTAL NUMBER OF PEOPLE IS GREATER THAN THE RESPONDENT + THE CHILDREN***
/ ***/RANGE=0-997/***

LFJAD

Not including you, how many of the people aged 16 and over wore lifejackets all the time they were on the boat?

__ RECORD NUMBER

97 DON'T KNOW

99 REFUSED

MODULE: REASONS FOR LIFEJACKET USE

/ ***/IF LFJSLF=2 AND RANDUNIFORM<.1 /***
/ ***ASK OF 10% OF RESPONDENTS WHO DIDN'T WEAR A LIFEJACKET ALL THE TIME***

LFJWHYA

Why did you not wear a lifejacket all the time?

RECORD RESPONSE

97 DON'T KNOW

99 REFUSED

/ */IF LFJC5=2 LFJC10=2 OR LFJC15=2 AND RANDUNIFORM<.1 /*
/ *ASK OF 10% OF RESPONDENTS WHO REPORT THAT ANY CHILD DIDN'T WEAR A LIFE JACKET ALL THE TIME.*

LFJWHYC

You indicated that someone under 15 didn't wear a lifejacket all the time. Can you tell me why that was?

RECORD RESPONSE

97 DON'T KNOW

99 REFUSED

END MODULE: REASONS FOR LIFEJACKET USE

OTHER SAFETY EQUIPMENT

/ */IF CATX NOT IN (4,5)*
/ */ASK IF BOAT TYPE IS NOT CANOE OR KAYAK/*

Which of the following were on the boat on [identifier]? Was there…

SFFA First aid kit

SFHOOK Equipment for reaching someone in the water such

SFEXT Fire extinguisher

SFVDIST Visual distress signals such as flares

SFSDIST Sound signal such as a horn

SFEPIRB Emergency Position Indicating Radio Beacon-EPIRB

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

USAGE OF SAFETY EQUIPMENT

/ */IF ANY OF SFFA-SFEPIRB =1*
/ */IF THERE WAS ANY SAFETY EQUIPMENT ON THE BOAT*
/ */SINGLE PUNCH*

SFUSE You indicated that you had a

/ *SHOW ITEMS ENDORSED ABOVE*

First aid kit

Equipment for reaching someone in the water

Fire extinguisher,

Visual distress signal

Sound signal

EPIRB.

Did you use any of those on the day for safety purposes we've been talking about?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF SFUSE=01/*
/ */IF YES, THEN ASK/*
/ ***MULTIPUNCH***

Which ones?

[DO NOT READ]

SFFAUSED	FIRST AID KIT
SFHOOKUSED	EQUIPMENT FOR REACHING SOMEONE IN THE WATER
SFEXTUSED	FIRE EXTINGUISHER
SFVDISTUSED	VISUAL DISTRESS SIGNALS
SFSDISTUSED	SOUND SIGNALS
SFEPIRBUSED	EMERGENCY POSITION INDICATING RADIO BEACON-EPIRB

END SAFETY AWARENESS AND BEHAVIORS

NEGATIVE EVENT INCIDENCE AND RISK

NEGATIVE EVENTS

/ */LOAD HASMOT FROM BOAT SURVEY*
/ *ASK IF HASMOT=1 OR CATX=2*
/ */ASK IF BOAT HAS A MOTOR OR BOAT TYPE=SAILBOAT/*
/ */MULTIPLE*

On that day…

ACCCOLV	Did the boat collide with another vessel?
ACCAGD	Did the boat run aground?
ACCCOLF	Did the boat collide with a fixed or submerged object?
ACCFLD	Did the boat capsize, flood, or swamp?
ACCOVBRD	Did anyone fall overboard?
ACCSKI	Was there a water-skier accident?

ACCDK DK

ACCREF REF

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

On this trip, how many times …

/ ***/IF ACCCOLV=01/***
/ ***/IF THE BOAT COLLIDED WITH ANOTHER VESSEL/***

ACCCOLVn Did the boat collide with another vessel?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCAGD=01/***
/ ***/IF THE BOAT RAN AGROUND/***

ACCAGDn Did the boat run aground?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCCOLF=01/***
/ ***/IF THE BOAT COLLIDED WITH AN OBJECT/***

ACCCOLF n Did the boat collide with a fixed or submerged object?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCFLD=01/***
/ ***/IF THE BOAT CAPSIZED, FLOODED, OR WAS SWAMPED/***

ACCFLD n Did the boat capsize, flood, or swamp?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCOVBRD=01/***
/ ***/IF SOMEONE FELL OVERBOARD/.***

ACCOVBRDn Did anyone fall overboard?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCSKI=01/***
/ ***/IF THERE WAS A WATER-SKIIER ACCIDENT/***

ACCSKIn Was there a water-skier accident?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

On this trip, how many times did you report to the authorities that…

/ ***/IF ACCCOLV=01/***
/ ***/IF THE BOAT COLLIDED WITH ANOTHER VESSEL/***

ACCCOLVn the boat collided with another vessel?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCAGD=01/***
/ ***/IF THE BOAT RAN AGROUND/***

ACCAGDn the boat ran aground?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCCOLF=01/***
/ ***/IF THE BOAT COLLIDED WITH AN OBJECT/***

ACCCOLF n the boat collided with a fixed or submerged object?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCFLD=01/***
/ ***/IF THE BOAT CAPSIZED, FLOODED, OR WAS SWAMPED/***

ACCFLD n the boat capsized, flooded, or swamped?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCOVBRD=01/***
/ ***/IF SOMEONE FELL OVERBOARD/.***

ACCOVBRDn someone fell overboard?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCSKI=01/***
/ ***/IF THERE WAS A WATER-SKIIER ACCIDENT/***

ACCSKIn there was a water-skier accident?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

DAMAGE TO PEOPLE AND VESSELS

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

Did any of these incidents involve:

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

ACCDAMAGE Damage to vessels or other property of $2,000 or more, or complete loss of any vessel?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

ACCINJURY An injury requiring medical treatment or first aid

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

ECONOMIC IMPACT OF RECREATIONAL BOATING

Next, I'd like to talk about all the time you spent away from home that included the day on the water we've been talking about. These questions are about the time from when you left your house until you returned home again, which could be just the day or, or it could be several days.

/ ***/IF NOT MISSING TRIP1***
/ ***/IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT***

TRPDIST How far did you travel by land on this trip to reach the place where the boat was kept or was launched?

RECORD MILES /RANGE 0-9999/

97 DON'T KNOW

99 REFUSED

MODULE: BOAT EXPENDITURE COROLLARY QUESTIONS

/ ***/IF NOT MISSING TRIP1***
/ ***/IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT***

STYAWY. Did you stay away from home with your boat for one or more days on this trip?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF STYAWY=01/***
/ ***/IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/***
/ ***/RANGE=0-996/***

STYN. How many nights were you away from home on this trip?

RECORD NUMBER 0-996

97 DON'T KNOW

99 REFUSED

/ ***/IF STYAWY=01/***
/ ***/IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/***
/ ***/MULTIPLE***

What type of lodging did you use on this trip? Did you stay

STYFF	With friends or family
STYBB	At a bed and breakfast
STYHTL	At a hotel or motel

STYCMP At a campground

STYOBT On board the boat

STYDK DK

STYREF REF

/ */IF STYOBT=01/*
/ */IF RESPONDENT STAYED ON THE BOAT/*

STYOBTN How many nights did you stay onboard the boat?

RECORD NUMBER /RANGE=1-50/

97 DON'T KNOW

99 REFUSED

/ */IF STYAWY=01/*
/ */IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/*

TRPDYS How many total days did you take the boat out on the water on this trip?

RECORD NUMBER /RANGE=1-50/

97 DON'T KNOW

99 REFUSED

/ */IF NOT MISSING TRIP1 AND CATX=2*
/ *MULTIPLE*

At which types of launch sites or ramps was the boat launched on this trip? Was it launched at

LCHAG A launch site operated by a state boating or fishing agency.

LCHGVT A launch site operated by a county or local government

LCHFED A launch site operated by a federal agency

[IF NECESSARY: "such as the National Park Service, NOAA, U.S. Forest Service, Army Corps of Engineers, Fish and Wildlife Service, Bureau of Reclamation"]

LCHMR A launch site at a marina or dry stack

LCHPRV A privately owned/operated launch site

LCHDK DK

LCHREF REF

/ */LOAD HASMOT FROM BOAT SURVEY. /*
/ */ IF NOT MISSING TRIP1 AND HASMOT=1/*
/ *IF THERE IS A VALID TRIP AND THERE IS A MOTOR*

TRPMOT Were the boat's motors or engines operated during this trip?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPMOT=01/***
/ ***/IF MOTORS OR ENGINES WERE OPERATED DURING THIS TRIP/***
/ ***/RANGE=1-997/***

TRPMOTHR Approximately how many hours did you operate the motors or engines on this trip?

RECORD NUMBER

97 DON'T KNOW

99 REFUSED

END MODULE: BOAT EXPENDITURE COROLLARY QUESTIONS

TRIP EXPENDITURES

/ ***/IF NOT MISSING TRIP1***

The next questions concern money you spent on this trip on things other than the boat itself.

/ ***/IF TRPDIST>20/***

Think about money you spent within 20 miles of your home while preparing for the trip. We'll ask you about money you spent traveling to and near the launch site in a moment.

/ ***/IF NOT MISSING TRIP1***

How much did you spend for this trip [if TRPDIST>20 then "**before you left**"] on …

/ ***/IF HASMOT=01/***
/ ***/IF BOAT HAS A MOTOR/***

EXPNRFUEL Boat fuel and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF CATX NOT IN (4,5) AND TPOX NE 2***
/ ***/IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/***

EXPNRDOCK Temporary dockage or marina fee:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPNRLNCH Pump-out and launch fees:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRMEAL Restaurant meals and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF NOT MISSING TRIP1*

EXPNRGROC Groceries, take-out food and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF NOT MISSING TRIP1*

EXPNRGAS Auto gas and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRSHOP Shopping and souvenirs:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRREC Recreation and entertainment:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF STYAWY=1 AND TRPDIST<=20/***
/ ***/IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME***
/ ***AND THEY STAYED AWAY FROM HOME***

EXPNRLODG Lodging expenses (e.g., hotel, camping, and B&B):

RECORD NUMBER/RANGE=0-9997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***
/ ***/IF THEY WENT FURTHER THAN 20 MILES TO START THE TRIP***

The next questions concern money you spent **after you left home for the trip**.

After you left home, how much did you spend on…

/ ***/IF HASMOT=01/***
/ ***/IF BOAT HAS A MOTOR/***

EXPFRFUEL Boat fuel and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF CATX NOT IN (4,5) AND TPOX NE 2***
/ ***/IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/***

EXPFRDOCK Temporary dockage or marina fee:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF CATX NOT IN (4,5) AND TPOX NE 2***
/ ***/IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/***

EXPFRLNCH Pump-out and launch fees:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRMEAL Restaurant meals and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRGROC Groceries, take-out food and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRGAS Auto gas and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRSHOP Shopping and souvenirs:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRREC Recreation and entertainment:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF STYAWY=1 AND /IF TRPDIST>20/***
/ ***AND THEY STAYED AWAY FROM HOME***

EXPFRLODG Lodging expenses (e.g., hotel, camping, and B&B):

RECORD NUMBER/RANGE=0-9997/

97 DON'T KNOW

99 REFUSED

END ECONOMIC IMPACT OF RECREATIONAL BOATING

SECOND WATER DAY

/ */PICK THE SECOND WATER DAY*
/ */IF WPROFILES IN (2) THEN*
/ *SELECT A RANDOM INTEGER 1 TO WTRN=TRIP2*
/ *TRIP1 CANNOT EQUAL TRIP2*
/ *IF TTRIP1 ORIGINALLY REQUIRED A HAND-OFF, IT WAS MOVED TO TRIP2. COMPLETE THAT HAND-OFF AND REPORT NOW BY POPULATING ONBT1-ONBTDATE FROM ABOVE*
/ *IDENTIFIER IS 'NTH' AS IN 'FIRST', 'SECOND', ... 'THIRTEENTH'*
/ *SAY*

First, I'm going to ask about one particular day the boat was on the water. My computer has randomly selected to talk about the [identifier] day.

OBTAIN QUALIFIED RESPONDENT

/ */IF STILLBT=01/*
/ */IF RESPONDENT OWNS THE BOAT/*

ONBT1. On the [identifier] day the boat went out, were you personally on the boat?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF ONBT1=01 THEN TRIPELIG=1/*
/ */IF ONBT1 IN (02,97,99)/*

ONBT2. Was someone else from your household on the boat?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF ONBT2 IN (02,97,99), TERMINATE TRIP REPORT. DO NOT TERMINATE THE SURVEY./*
/ */TRIPELIG=0/*
/ */IF NOT ONE FROM THE HOUSEHOLD ON THE BOAT, NO TRIP REPORT/*
/ */IF ONBT2=01/*
/ */IF SOMEONE FROM THE HOUSEHOLD WAS ON THE BOAT/*

ONBT3. Were any of the members of your household who were present at least 16 years old?

01 YES
02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF ONBT3 IN (02,97,99), TERMINATE TRIP REPORT. DO NOT TERMINATE THE SURVEY./***
/ ***/TRIPELIG=0/***
/ ***/IF NO ONE ON THE BOAT WAS OF THE HOUSEHOLD AND AT LEAST 16, NO TRIP REPORT/***
/ ***/IF ONBT3=01/***
/ ***/IF HOUSEHOLD MEMBERS PRESENT WERE AT LEAST 16 YEARS OF AGE/***

ONBT4. Would you say you know what happened on the trip including where the boat went and how long it was on the water?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF ONBT4=01 THEN TRIPELIG=1/***
/ ***/IF ONBT IN (02,97,99)/***
/ ***/IF RESPONDENT KNOWS WHAT HAPPENED ON THE BOAT TRIP/***

ONBTDATE. What date in [reference period] was [identifier]?

RECORD DATE

97 DON'T KNOW

99 REFUSED

TRIP REPORT HAND-OFF MODULE

/ ***/IF ONBT4 IN (02,97,99) REQUEST TRANSFER BELOW/***

NEEDXFRtrip

Can you transfer me to one of the people in your household who was present on the boat on [identifier]?

01 SUCCESSFUL TRANSFER

02 REFUSE TO TRANSFER

03 CALLBACK TO COMPLETE

/ ***/IF NEEDXFRTRIP=003/***
/ ***/THIS IS A SUCCESSFUL TRANSFER OR A CALLBACK/***

XFRNUMtrip. I'll call back to talk to that person. Is there a better number I can call at?

01 YES—RECORD NUMBER

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF NEEDXFRTRIP=003/***
/ ***/THIS IS A SUCCESSFUL TRANSFER OR A CALLBACK/***

XFRNAMEtrip. Can you give me a name to ask for when I call back?

[IF NECESSARY: “I just need a first name or some initials. Anything that will allow me to ask for the right person when I call back.”]

[IF NECESSARY: “The survey is completely confidential and anonymous. We won’t use any information like your name for any purpose other than contacting you to complete the survey. “]

01 RECORD NAME—SCHEDULE CALLBACK

97 DON’T KNOW

99 REFUSED

/ ***/IF NEEDXFRTRIP=03 THEN SCHEDULE CALLBACK. CALLBACK START ON INTRO1C/***
/ ***/IF NEEDXFRTRIP IN (01,03) /***
/ ***/IF SUCCESSFUL TRANSFER OR CALLBACK COMPLETE/***

INTRO1c

[If XFRNAME ne “”: “Hello, may I please speak with [XFRNAME]?”]. My name is [full name]. I spoke with [sample name] in your household about a boat you own, and I understand that you recently went out on the boat. The United States Coast Guard is conducting a short survey about boats to get information to make boating safer.

[IS RESPONDENT CONTINUING WITH THE INTERVIEW?]

01. YES

02. NO

[IF NECESSARY: “We recently called and spoke with someone else in your home about this survey. You were selected to participate.”]

[IF NECESSARY: “This is not a sales call. I have nothing to sell either now or later. This is an important survey about your opinions.”]

[IF NECESSARY: “Your number was selected randomly by a computer.”]

/ ***/IF INTRO1C=01 AND***
/ ***/IF RESPONDENT IS CONTINUING WITH THE INTERVIEW/***

CELL1c. Is this a cell phone?

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/ ***/IF CELL1C=01 /***
/ ***/IF RESPONDENT IS ON A CELL PHONE/***

CELL2c. Your safety is important to us. Are you driving a car or other vehicle right now?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF CELL2C IN (01,97,99) THEN SET UNSCHEDULED CALLBACK/***
/ ***/IF INTRO1C=01 AND CELL2C NOT IN (01,97,99)***
/ ***/IF RESPONDENT IS CONTINUING WITH INTERVIEW/***

AGEQUALc. Are you at least 16 years of age?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF AGEQUALC IN (02, 97, 99) THEN TERMINATE/***
/ ***/SET TERMTYPE=AGEUSER/***
/ ***/IF AGEQUALC=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH INTERVIEW/***

INFOc. You are eligible to be interviewed. I won't ask for your name, address, or other personal information that can identify you. You don't have to answer any question you don't want to, and you can end the interview at any time. The interview will take about 5 minutes. The United States Coast Guard is interested in how Americans recreate.

Any information you give me will be kept private, to the extent permitted by law. If you have any questions about this survey, I will provide a telephone number for you to call to get more information.

This interview may be monitored or recorded.

[Is respondent continuing with the interview?]

01. YES
02. NO

/ ***/IF INFOC=01 THEN RESPXFR=1/***
/ ***/IF INFOC=01/***

TRIPREM We understand that you spent time on a boat owned by someone in your household on [identifier] in [reference period]. Do you remember that?

01 YES
02 NO
97 DON'T KNOW

99 REFUSED

/ */IF TRIPREM IN (02,97,99) THEN TERMINATE THE TRIP/*
/ */TRIPELIG=0/*
/ */IF TRIPREM=01 THEN TRIPELIG=1/*

END TRIP HAND-OFF MODULE

TRIP EXPOSURE

STATES WHERE BOATED

/ */IF NOT MISSING TRIP2*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*

WLOC

On [identifier], which of the United States was the boat in when it went out on the water?

/ */STATE FIPS CODES FOR PROGRAMMING ARE BELOW/*

01 ALABAMA
02 ALASKA
04 ARIZONA
05 ARKANSAS
06 CALIFORNIA
08 COLORADO
09 CONNECTICUT
10 DELAWARE
11 DISTRICT OF COLUMBIA
12 FLORIDA
13 GEORGIA
15 HAWAII
16 IDAHO
17 ILLINOIS
18 INDIANA
19 IOWA
20 KANSAS
21 KENTUCKY
22 LOUISIANA
23 MAINE
24 MARYLAND
25 MASSACHUSETTS

26 MICHIGAN
27 MINNESOTA
28 MISSISSIPPI
29 MISSOURI
30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND
45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN
56 WYOMING
96 OTHER (SPECIFY)
97 DON'T KNOW
99 REFUSED

/ ***IF WLOC=96***

WLOCo Other location

RECORD LOCATION

DK

REF

/ ***/IF WLOC NOT IN (96, 97, 99)/***
/ ***/IF RESPONDENT NAMED A LOCATION IN THE LIST/***

WOTHST1

On that day, did the boat go into states other than [WLOC]?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF WOTHST1=01/***
/ ***/IF THE BOAT WENT TO MORE THAN ONE LOCATION/***
/ ***/MULTIPUNCH/***

WOTHST2

Which ones?

/ ***/STATE FIPS CODES FOR PROGRAMMING ARE BELOW/***

01 ALABAMA
02 ALASKA
04 ARIZONA
05 ARKANSAS
06 CALIFORNIA
08 COLORADO
09 CONNECTICUT
10 DELAWARE
11 DISTRICT OF COLUMBIA
12 FLORIDA
13 GEORGIA
15 HAWAII
16 IDAHO
17 ILLINOIS
18 INDIANA
19 IOWA
20 KANSAS
21 KENTUCKY
22 LOUISIANA
23 MAINE

24 MARYLAND
25 MASSACHUSETTS
26 MICHIGAN
27 MINNESOTA
28 MISSISSIPPI
29 MISSOURI
30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND
45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN
56 WYOMING
96 OTHER (SPECIFY)
97 DON'T KNOW
99 REFUSED

/ ***IF WOTHST2=96***

OTHST2o Other location

RECORD LOCATION

DK

REF

PEOPLE ON THE BOAT

/ ***/IF NOT MISSING TRIP2***
/ ***/IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT***

WPPL

Including you, how many people went on the boat that day?

[IF NECESSARY: “How many people did you have with you most of the time?”]

RECORD NUMBER /RANGE=1-997/

97 DON’T’ KNOW

99 REFUSED

/ ***/IF WPPL>1***
/ ***IF THERE WAS MORE THAN ONE PERSONON THE BOAT; THE RESPONDENT IS NECESSARILY OVER 16***

WKIDS How many children under the age of 16 were on the boat?

ENTER RESPONSE /RANGE=0-10/

97 DK

99 REF

BOAT HOURS

/ ***/IF NOT MISSING TRIP2***
/ ***/IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT***

OVERNT

On that day, did the boat stay out on the water overnight?

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT, COLLECT THE SETOUT AND RETURN TIMES, WE'LL CALCULATE HOURS FROM THESE/***

LNCHTIME

About what time of day did [identifier] set out?

RECORD TIME

97 DON'T KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***
/ ***/RANGE=1-90/***

DOCKDAY

How many days later did the boat dock again?

RECORD NUMBER

97 DON'T' KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***

DOCKTIME

About what time did the boat dock again the day it returned?

RECORD TIME

97 DON'T KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***

PREWHRS I'm going to ask you some questions about the whole trip starting on [identifier] to when the boat docked again on [//popin]. Please answer for that whole time

/ ***/IF OVRNT=02/***
/ ***/IF IT WAS JUST A DAY TRIP/***
/ ***/RANGE=1-24/***

WHRS

On that day, how many hours did the boat spend on the water before it was moored, docked, or taken out of the water again?

RECORD NUMBER 1-24

97 DON'T KNOW

99 REFUSED

/ */PUT A FLAG FOR PARTIAL COMPLETE HERE. TRIPS FOR WHICH HOURS DATA ARE AVAILABLE WILL COUNT TOWARD THE FINAL DATA./*

TYPES OF WATER

/ */IF NOT MISSING TRIP2*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */MULTIPUNCH*

WRTYPE

On that day, did the boat go on any:

01 Brackish water?

[IF NECESSARY: “Brackish water is water where freshwater and saltwater are mixed.”]

02 freshwater?

03 Saltwater?

97 DON’T KNOW

99 REFUSED

/ */IF NOT MISSING TRIP2*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ *MULTIPUNCH*
/ *INTERVIEWER CODED*

WRBODY

What kinds of bodies of water did it go out on?

01 LAKE

02 BAY

03 RIVER

04 CANAL

05 INTERCOASTAL WATERWAY

06 OCEAN

07 OTHER (SPECIFY)

97 DON’T KNOW

99 REFUSED

/ *IF WRBODY=07*

WRBODYOTH

ENTER OTHER SPECIFY

END TRIP EXPOSURE

BOATING SAFETY AWARENESS AND BEHAVIORS

BOAT OPERATION

/ */LOAD VARIABLES PRIMOP, OWNSAFE, AND OWNEXP FROM THE BOAT SURVEY/*
/ */IF NOT MISSING TRIP2*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*

WHOOP Did you personally operate the boat on that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF WHOOP=1 AND TRIPREM=1*
/ */IF RESPONDENT PERSONALLY OPERATED THE BOAT*
/ *AND THE RESPONDENT TO THIS TRIP IS DIFFERENT FROM THE RESPONDENT TO THE LAST TRIP (TRIPREM REFERS TO THE HAND-OFF)*

OPSAFE

Have you ever taken a boat safety course?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF WHOOP=1 AND TRIPREM=1*
/ */IF RESPONDENT PERSONALLY OPERATED THE BOAT*
/ *AND THE RESPONDENT TO THIS TRIP IS DIFFERENT FROM THE RESPONDENT TO THE LAST TRIP (TRIPREM REFERS TO THE HAND-OFF)*

OPEXP

How experienced in the operation of the boat are you? Would you say…

01 Very experienced
02 Somewhat experienced
03 Somewhat inexperienced
04 Very inexperienced
97 DON'T KNOW
99 REFUSED

/ */IF (ONBOAT1=1 OR TRIPREM=1) AND WPPL>1/*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT AND*
/ *MORE PEOPLE THAN THE RESPONDENT WERE PRESENT ON THE BOAT /*

OPN

How many people other than yourself operated the boat?

RECORD NUMBER (1-5)

97 DON'T KNOW

99 REFUSED

/ */FOR EACH PERSON IN OPN/*
/ */VARIABLE NAMES ARE OP1-OPN AS IN OP1-OP4/*

OPAGE1-OPAGEN

How old was the first person other than you who operated the boat?

01 5 or younger,

02 6 to 10

03 11 to 15

04 16 to 17

05 18 to 24

06 25 to 34

07 35 to 44

08 45 to 54

09 55 to 64

10 Over 65

97 DON'T KNOW

99 REFUSED

/ */FOR EACH PERSON IN OPN/*

OPEXP1-OPEXPN

How experienced in the operation of the [selected] boat was the [identifier] operator? Would you say…

01 Very experienced

02 Somewhat experienced

03 Somewhat inexperienced

04 Very inexperienced

97 DON'T KNOW

99 REFUSED

ALCOHOL

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

The next questions ask about activities you engaged in on that day. All your responses are anonymous and confidential

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

ALC

Alcohol includes beer, wine, malt beverages, and liquor. On that day, did anyone on the boat drink alcohol before or during the trip on the water

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

ALCop

On that day, did anyone drink alcohol before or during operating the boat?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

LIFE JACKETS

IN THE SECOND TRIP REPORT, RESPONDENTS HAVE THE OPPORTUNITY TO CONFIRM THAT THE SAME LIFEJACKETS (AND NO ADDITIONAL ONES) WERE ON THE BOAT ON THAT DAY

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

LFJSAMETRIP2. I have down that on another day the boat was carrying [LFJN_TRIP1] life jackets and [LFPN_TRIP1] life preservers. Were all those on the boat on this day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***IF LFJTRIP2=1***
/ ***IF ALL THE SAME EQUIPMENT WAS ON THE BOAT***

LFJMORETRIP2. Were there any additional life jackets or preservers on the boat on this day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

ONLY IF THE EQUIPMENT ON THE BOAT IS DIFFERENT FROM THE EQUIPMENT REPORTED IN TRIP1 ARE THE FOLLOWING QUESTIONS ASKED

/ ***IF LFJTRIP1 IN (2,97,99)***
/ ***IF THE SAME EQUIPMENT WASN'T ON THE BOAT***

LFJBT

Were there life jackets on the boat that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF LFJBT=01 OR LFJMORETRIP2=1/***
/ ***/IF THE SAME EQUIPMENT WASN'T ON THE BOAT OR IF THERE WERE ADDITIONAL LIFE JACKETS***

LFJN

How many life jackets were there?

__ RECORD RESPONSE/RANGE 1-50/
97 DON'T KNOW
99 REFUSED

/ ***IF LFJTRIP1 IN (2,97,99)***
/ ***IF THE SAME EQUIPMENT WASN'T ON THE BOAT***

LFPBT

Were there life preservers or throwable devices on the boat that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***IF LFJTRIP1 IN (2,97,99)***
/ ***IF THE SAME EQUIPMENT WASN'T ON THE BOAT***

LFPN

How many life preservers were there?

__ RECORD RESPONSE
97 DON'T KNOW
99 REFUSED

/ ***/IF (ONBOAT1=1 OR TRIPREM=1)***
/ ***/ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT***

LFJSLF

Did you wear a lifejacket all the time on that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***IF WKIDS>1 THEN ASK***

How many children were on the boat who were:

WKID5	less than 6 years old
WKID10	6 to 10 years old
WKID15	11 to 15 years old

RECORD NUMBER FOR EACH

/ ***/IF WKID5>0 THEN ASK LJKID5/***
/ ***/IF ONE OR MORE CHILDREN ON BOAT UNDER SIX YEARS OLD/***

LJKID5

How many of the children who were less than 6 years old wore a lifejacket all the time?

/ ***/IF WKID10>0 THEN ASK LJKID10/***
/ ***/IF ONE OR MORE CHILDREN ON BOAT AGED 6 TO 10***

LJKID10

How many of the children who were 6 to 10 years old wore a lifejacket all the time?

/ ***/IF WKID15>0 THEN ASK LJKID15/***
/ ***/IF ONE ORE MORE CHILDREN ON BOAT AGED 11 TO 15/***

LJKID15

How many of the children who were 11 to 15 years old wore a lifejacket all the time?

/ */IF (ONBOAT1=1 OR TRIPREM=1) AND WPPL>WKIDS+1*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ *AND THE TOTAL NUMBER OF PEOPLE IS GREATER THAN THE RESPONDENT + THE CHILDREN*

/ */RANGE=0-997/*

LFJAD

Not including you, how many of the people aged 16 and over wore lifejackets all the time they were on the boat?

__ RECORD NUMBER
97 DON'T KNOW
99 REFUSED

REASONS FOR LIFEJACKET USE IS ASKED IN THE FIRST TRIP REPORT BUT NOT THE SECOND

END MODULE: REASONS FOR LIFEJACKET USE

OTHER SAFETY EQUIPMENT

AGAIN, IN THE SECOND TRIP REPORT, RESPONDENTS HAVE THE OPPORTUNITY TO CONFIRM THE INFORMATION THEY ALREADY PROVIDED ABOUT EQUIPMENT ON THE BOAT.

/ *IF CATX NOT IN (4,5) AND SFFATRIP1 – SFEPIRBTRIP1 ARE POPULATED*
/ */ASK IF BOAT TYPE IS NOT CANOE OR KAYAK AND SAFETY EQUIPMENT INFORMATION WAS COLLECTED BEFORE/*

SFSAMETRIP2. I have down in a previous report that the boat was carrying [pop in all of SFFA, SFHOOK, SFEXT, SFVDIST, SFSDIST, SFEPIRB that were endorsed in TRIP1]. Were all of those on the boat on this day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ *IF SFSAMETRIP=1 AND ALL OF SFFATRIP1 –SFEPIRBTRIP1 ARE NOT ENDORSED*
/ *IF ALL THE SAME EQUIPMENT WAS ON BOARD, AND IT DIDN'T INCLUDE EVERYTHING IN THE ORIGINAL LIST*

SFMORETRIP2. Was there a [pop in all of SFFA, SFHOOK, SFEXT, SFVDIST, SFSDIST, SFEPIRB that were NOT endorsed in TRIP1]?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***IF SFMORETRIP2=1***

Which ones?

/ ***SHOW ITEMS POPPED INTO SFMORETRIP2***

SFFA	FIRST AID KIT
SFHOOK	EQUIPMENT FOR REACHING SOMEONE IN THE WATER SUCH
SFEXT	FIRE EXTINGUISHER
SFVDIST	VISUAL DISTRESS SIGNALS SUCH AS FLARES
SFSDIST	SOUND SIGNAL SUCH AS A HORN
SFEPIRB	EMERGENCY POSITION INDICATING RADIO BEACON-EPIRB

IF THEY DO NOT CONFIRM, THE ORIGINAL SERIES IS ASKED AGAIN

/ ***IF SFSAMETRIP2 IN (2, 97,99)***

Which of the following were on the boat on [identifier]? Was there…

SFFA	First aid kit
SFHOOK	Equipment for reaching someone in the water such
SFEXT	Fire extinguisher
SFVDIST	Visual distress signals such as flares
SFSDIST	Sound signal such as a horn
SFEPIRB	Emergency Position Indicating Radio Beacon-EPIRB

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

USAGE OF SAFETY EQUIPMENT

/ ***/IF ANY OF SFFA-SFEPIRB =1***
/ ***/IF THERE WAS ANY SAFETY EQUIPMENT ON THE BOAT***
/ ***/SINGLE PUNCH***

SFUSE You indicated that you had a

/ ***SHOW ITEMS ENDORSED ABOVE IN TRIP2 OR ELSE IF SFSAMETRIP2=1 AND SFMORETRIP2=2 THEN SHOW SFFATRIP1 –SFEPIRBTRIP1 THAT ARE ENDORSED***

First aid kit

Equipment for reaching someone in the water

Fire extinguisher,

Visual distress signal

Sound signal

EPIRB.

Did you use any of those on the day for safety purposes we've been talking about?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF SFUSE=01/*
/ */IF YES, THEN ASK/*
/ ***MULTIPUNCH***

Which ones?

[DO NOT READ]

SFFAUSED	FIRST AID KIT
SFHOOKUSED	EQUIPMENT FOR REACHING SOMEONE IN THE WATER
SFEXTUSED	FIRE EXTINGUISHER
SFVDISTUSED	VISUAL DISTRESS SIGNALS
SFSDISTUSED	SOUND SIGNALS
SFEPIRBUSED	EMERGENCY POSITION INDICATING RADIO BEACON-EPIRB

END SAFETY AWARENESS AND BEHAVIORS

NEGATIVE EVENT INCIDENCE AND RISK

NEGATIVE EVENTS

/ */LOAD HASMOT FROM BOAT SURVEY*
/ *ASK IF HASMOT=1 OR CATX=2*
/ */ASK IF BOAT HAS A MOTOR OR BOAT TYPE=SAILBOAT/*
/ */MULTIPLE*

On that day…

ACCCOLV	Did the boat collide with another vessel?
ACCAGD	Did the boat run aground?
ACCCOLF	Did the boat collide with a fixed or submerged object?
ACCFLD	Did the boat capsize, flood, or swamp?
ACCOVBRD	Did anyone fall overboard?
ACCSKI	Was there a water-skier accident?

ACCDK DK

ACCREF REF

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

On this trip, how many times …

/ ***/IF ACCCOLV=01/***
/ ***/IF THE BOAT COLLIDED WITH ANOTHER VESSEL/***

ACCCOLVn Did the boat collide with another vessel?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCAGD=01/***
/ ***/IF THE BOAT RAN AGROUND/***

ACCAGDn Did the boat run aground?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCCOLF=01/***
/ ***/IF THE BOAT COLLIDED WITH AN OBJECT/***

ACCCOLF n Did the boat collide with a fixed or submerged object?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCFLD=01/***
/ ***/IF THE BOAT CAPSIZED, FLOODED, OR WAS SWAMPED/***

ACCFLD n Did the boat capsize, flood, or swamp?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCOVBRD=01/***
/ ***/IF SOMEONE FELL OVERBOARD/.***

ACCOVBRDn Did anyone fall overboard?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCSKI=01/***
/ ***/IF THERE WAS A WATER-SKIIER ACCIDENT/***

ACCSKIn Was there a water-skier accident?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

On this trip, how many times did you report to the authorities that…

/ ***/IF ACCCOLV=01/***
/ ***/IF THE BOAT COLLIDED WITH ANOTHER VESSEL/***

ACCCOLVn the boat collided with another vessel?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCAGD=01/***
/ ***/IF THE BOAT RAN AGROUND/***

ACCAGDn the boat ran aground?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCCOLF=01/***
/ ***/IF THE BOAT COLLIDED WITH AN OBJECT/***

ACCCOLF n the boat collided with a fixed or submerged object?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCFLD=01/***
/ ***/IF THE BOAT CAPSIZED, FLOODED, OR WAS SWAMPED/***

ACCFLD n the boat capsized, flooded, or swamped?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCOVBRD=01/***
/ ***/IF SOMEONE FELL OVERBOARD/.***

ACCOVBRDn someone fell overboard?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCSKI=01/***
/ ***/IF THERE WAS A WATER-SKIIER ACCIDENT/***

ACCSKIn there was a water-skier accident?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

DAMAGE TO PEOPLE AND VESSELS

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

Did any of these incidents involve:

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

ACCDAMAGE Damage to vessels or other property of $2,000 or more, or complete loss of any vessel?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

ACCINJURY An injury requiring medical treatment or first aid

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

ECONOMIC IMPACT OF RECREATIONAL BOATING

Next, I'd like to talk about all the time you spent away from home that included the day on the water we've been talking about. These questions are about the time from when you left your house until you returned home again, which could be just the day or, or it could be several days.

/ ***/IF NOT MISSING TRIP2***

TRPUNQ Were the two days we have talked about on the same trip?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPUNQ=2***
/ ***/IF TRIP2 DAY HAPPENED ON A DIFFERENT OUTING THAN TRIP1***

TRPDIST How far did you travel by land on this trip to reach the place where the boat was kept or was launched?

RECORD MILES /RANGE 0-9999/

97 DON'T KNOW

99 REFUSED

MODULE: BOAT EXPENDITURE COROLLARY QUESTIONS

/ ***/IF TRPUNQ=2***
/ ***/IF TRIP2 DAY HAPPENED ON A DIFFERENT OUTING THAN TRIP1***

STYAWY. Did you stay away from home with your boat for one or more days on this trip?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF STYAWY=01/***
/ ***/IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/***
/ ***/RANGE=0-996/***

STYN. How many nights were you away from home on this trip?

RECORD NUMBER 0-996

97 DON'T KNOW

99 REFUSED

/ ***/IF STYAWY=01/***
/ ***/IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/***
/ ***/MULTIPLE***

What type of lodging did you use on this trip? Did you stay

STYFF	With friends or family
STYBB	At a bed and breakfast
STYHTL	At a hotel or motel
STYCMP	At a campground
STYOBT	On board the boat
STYDK	DK
STYREF	REF

/ ***/IF STYOBT=01/***
/ ***/IF RESPONDENT STAYED ON THE BOAT/***

STYOBTN How many nights did you stay onboard the boat?

RECORD NUMBER /RANGE=1-50/

97 DON'T KNOW

99 REFUSED

/ ***/IF STYAWY=01/***
/ ***/IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/***

TRPDYS How many total days did you take the boat out on the water on this trip?

RECORD NUMBER /RANGE=1-50/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRIPUNQ=2 AND CATX=2***
/ ***MULTIPLE***

At which types of launch sites or ramps was the boat launched on this trip? Was it launched at

LCHAG	A launch site operated by a state boating or fishing agency.
LCHGVT	A launch site operated by a county or local government
LCHFED	A launch site operated by a federal agency

[IF NECESSARY: "such as the National Park Service, NOAA, U.S. Forest Service, Army Corps of Engineers, Fish and Wildlife Service, Bureau of Reclamation"]

LCHMR	A launch site at a marina or dry stack
LCHPRV	A privately owned/operated launch site
LCHDK	DK
LCHREF	REF

/ */LOAD HASMOT FROM BOAT SURVEY. /*
/ */ IF TRIPUNQ=2 AND HASMOT=1/*
/ ***IF THERE IS A VALID TRIP AND THERE IS A MOTOR***

TRPMOT Were the boat's motors or engines operated during this trip?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ */IF TRPMOT=01/*
/ */IF MOTORS OR ENGINES WERE OPERATED DURING THIS TRIP/*
/ */RANGE=1-997/*

TRPMOTHR Approximately how many hours did you operate the motors or engines on this trip?

RECORD NUMBER

97 DON'T KNOW

99 REFUSED

END MODULE: BOAT EXPENDITURE COROLLARY QUESTIONS

TRIP EXPENDITURES

/ */IF TRIPUNQ=2*

The next questions concern money you spent on this trip on things other than the boat itself.

/ */IF TRPDIST>20/*

Think about money you spent within 20 miles of your home while preparing for the trip. We'll ask you about money you spent traveling to and near the launch site in a moment.

/ */IF TRIPUNQ=2*

How much did you spend for this trip [if TRPDIST>20 then "**before you left**"] on …

/ */IF HASMOT=01/*
/ */IF BOAT HAS A MOTOR/*

EXPNRFUEL Boat fuel and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPNRDOCK Temporary dockage or marina fee:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPNRLNCH Pump-out and launch fees:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRMEAL Restaurant meals and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPUNQ=2*

EXPNRGROC Groceries, take-out food and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPUNQ=2*

EXPNRGAS Auto gas and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRSHOP Shopping and souvenirs:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRREC Recreation and entertainment:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF STYAWY=1 AND TRPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*
/ */AND THEY STAYED AWAY FROM HOME*

EXPNRLODG Lodging expenses (e.g., hotel, camping, and B&B):

RECORD NUMBER/RANGE=0-9997/

97 DON'T KNOW

99 REFUSED

/ */IF TRPDIST>20/*
/ */IF THEY WENT FURTHER THAN 20 MILES TO START THE TRIP*

The next questions concern money you spent **after you left home for the trip**.

After you left home, how much did you spend on…

/ */IF HASMOT=01/*
/ */IF BOAT HAS A MOTOR/*

EXPFRFUEL Boat fuel and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPFRDOCK Temporary dockage or marina fee:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPFRLNCH Pump-out and launch fees:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRMEAL Restaurant meals and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRGROC Groceries, take-out food and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRGAS Auto gas and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRSHOP Shopping and souvenirs:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRREC Recreation and entertainment:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF STYAWY=1 AND /IF TRPDIST>20/***
/ ***AND THEY STAYED AWAY FROM HOME***

EXPFRLODG Lodging expenses (e.g., hotel, camping, and B&B):

RECORD NUMBER/RANGE=0-9997/

97 DON'T KNOW

99 REFUSED

END ECONOMIC IMPACT OF RECREATIONAL BOATING

Docked days

IDENTIFY DOCKED RECREATION DAYS

/ ***/ALL/***

STOREM

During [reference period; last calendar month], was the boat kept on land or on the water?

01 LAND
02 WATER
97 DON'T KNOW
99 REFUSED

/ ***/IF STOREM=02/***
/ ***/IF THE BOAT WAS STORED ON WATER, PROCESS WITH THIS SECTION. ELSE SKIP TO THE END./***

DTRIP

During [reference period; last calendar month], was there any day when you or members of your household spent time on the boat while it was docked but didn't take it out on the water?

IF NECESSARY: Working on the boat, socializing, or doing any other activity while the boat was docked.

IF NECESSARY: We're interested in days when you personally were on your boat.

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF DTRIP=01/***
/ ***/IF SPENT TIME ON BOAT WHILE DOCKED/***
/ ***/MULTIPLE=1-7/***

DTRN

On how many days in [reference period; last calendar month] did you or someone from your household spend more than an hour on the boat while it was docked?

[IF NECESSARY: "WHEN YOU WERE NOT PREPARING FOR A LAUNCH THE SAME DAY"]

RECORD NUMBER 1-7

97 DON'T KNOW

99 REFUSED

/ ***THE SURVEY WILL HAVE UP TO TWO DOCKED REPORTS. HERE, WE SET A FLAG TO TELL US HOW MANY TRIPS WE'LL PROFILE.***
/ ***THEN FOR EACH DOCKED DAY, WE'LL PICK ONE OF THE TRIPS FROM THE SET OF DTRN***
/ ***IF DTRN=1 THEN DPROFILES=1***
/ ***ELSE IF DTRN>1 THEN DPROFILES=2***
/ ***ELSE DPROFILES=0***

FIRST DOCKED DAY

/ ***/PICK THE FIRST DOCKED DAY***
/ ***/IF DPROFILES IN (1, 2) THEN***
/ ***SELECT A RANDOM INTEGER 1 TO DTRN=DTRIP1***
/ ***IDENTIFIER IS 'NTH' AS IN 'FIRST', 'SECOND', ... 'THIRTEENTH'***
/ ***SAY***

Next, I'm going to ask about one particular day you spent time on the boat on the dock. My computer has randomly selected to talk about the [identifier] day.

TRIP EXPOSURE

STATES WHERE BOATED

/ ***IFNOT MISSING DTRIP1***

DLOC

On that day, which of the United States was the boat in?

RECORD STATE, INCLUDE PUERTO RICO, VIRGIN ISLANDS, GUAM, AND OUTSIDE THE US

01-56. STATE FIPS CODE
77. DON'T KNOW/NOT SURE
99. REFUSED
/STATE FIPS CODES FOR PROGRAMMING ARE BELOW/

```
01    Alabama
02    Alaska
04    Arizona
05    Arkansas
06    California
08    Colorado
09    Connecticut
10    Delaware
11    District of Columbia
12    Florida
13    Georgia
15    Hawaii
16    Idaho
17    Illinois
18    Indiana
```

19 Iowa
20 Kansas
21 Kentucky
22 Louisiana
23 Maine
24 Maryland
25 Massachusetts
26 Michigan
27 Minnesota
28 Mississippi
29 Missouri
30 Montana
31 Nebraska
32 Nevada
33 New Hampshire
34 New Jersey
35 New Mexico
36 New York
37 North Carolina
38 North Dakota
39 Ohio
40 Oklahoma
41 Oregon
42 Pennsylvania
44 Rhode Island
45 South Carolina
46 South Dakota
47 Tennessee
48 Texas
49 Utah
50 Vermont
51 Virginia
53 Washington
54 West Virginia
55 Wisconsin
56 Wyoming
97 DON'T KNOW
99 REFUSED

PEOPLE ON THE BOAT

/ ***IFNOT MISSING DTRIP1***

DPPL

Including you, how many people were on the boat while it was docked?

[IF NECESSARY: "WE'RE LOOKING FOR THE TOTAL NUMBER OF PEOPLE WHO WERE THERE MOST OF THE TIME WHILE YOU WERE ON THE BOAT"]

[IF NECESSARY: "WHEN YOU WERE NOT PREPARING FOR A LAUNCH THE SAME DAY"]

RECORD NUMBER 1-997

97 DON'T KNOW

99 REFUSED

BOAT HOURS

/ ***IFNOT MISSING DTRIP1***

DHRS

On that day, how many hours did you spend on the boat while it was docked?

[IF NECESSARY: “WHEN YOU WERE NOT PREPARING FOR A LAUNCH THE SAME DAY”]

RECORD NUMBER 1-24

97 DON’T KNOW

99 REFUSED

SECOND DOCKED DAY

/ ***/PICK THE SECOND DOCKED DAY***
/ ***/IF DPROFILES IN (2) THEN***
/ ***SELECT A RANDOM INTEGER 1 TO DTRN=DTRIP2***
/ ***DTRIP2 CANNOT EQUAL DTRIP1***
/ ***IDENTIFIER IS ‘NTH’ AS IN ‘FIRST’, ‘SECOND’, … ‘THIRTEENTH’***
/ ***SAY***

Next, I’m going to ask about one particular day you spent time on the boat on the dock. My computer has randomly selected to talk about the [identifier] day.

TRIP EXPOSURE

STATES WHERE BOATED

/ ***IFNOT MISSING DTRIP2***

DLOC

On that day, which of the United States was the boat in?

RECORD STATE, INCLUDE PUERTO RICO, VIRGIN ISLANDS, GUAM, AND OUTSIDE THE US

01-56. STATE FIPS CODE
77. DON’T KNOW/NOT SURE
99. REFUSED
/STATE FIPS CODES FOR PROGRAMMING ARE BELOW/

```
01    Alabama
02    Alaska
04    Arizona
05    Arkansas
06    California
08    Colorado
09    Connecticut
10    Delaware
11    District of Columbia
12    Florida
13    Georgia
```

15 Hawaii
16 Idaho
17 Illinois
18 Indiana
19 Iowa
20 Kansas
21 Kentucky
22 Louisiana
23 Maine
24 Maryland
25 Massachusetts
26 Michigan
27 Minnesota
28 Mississippi
29 Missouri
30 Montana
31 Nebraska
32 Nevada
33 New Hampshire
34 New Jersey
35 New Mexico
36 New York
37 North Carolina
38 North Dakota
39 Ohio
40 Oklahoma
41 Oregon
42 Pennsylvania
44 Rhode Island
45 South Carolina
46 South Dakota
47 Tennessee
48 Texas
49 Utah
50 Vermont
51 Virginia
53 Washington
54 West Virginia
55 Wisconsin
56 Wyoming
97 DON’T KNOW
99 REFUSED

PEOPLE ON THE BOAT

/ ***IFNOT MISSING DTRIP2***

DPPL

Including you, how many people were on the boat while it was docked?

[IF NECESSARY: “WE'RE LOOKING FOR THE TOTAL NUMBER OF PEOPLE WHO WERE THERE MOST OF THE TIME WHILE YOU WERE ON THE BOAT”]

[IF NECESSARY: “WHEN YOU WERE NOT PREPARING FOR A LAUNCH THE SAME DAY”]

RECORD NUMBER 1-997

97 DON'T KNOW

99 REFUSED

BOAT HOURS

/ ***IFNOT MISSING DTRIP2***

DHRS

On that day, how many hours did you spend on the boat while it was docked?

[IF NECESSARY: "WHEN YOU WERE NOT PREPARING FOR A LAUNCH THE SAME DAY"]

RECORD NUMBER 1-24

97 DON'T KNOW

99 REFUSED

APPENDIX C: PARTICIPATION SURVEY

PHONE SURVEY

/ ***/ALL EXCEPT CALLBACKS FOR USERS SELECTED AT NEEDXFR (NEEDXFR=3)/***

INTRO1Hello, my name is [full name]. I'm calling on behalf of the United States Coast Guard. I'm conducting a poll about recreation in the United States.

[IS RESPONDENT CONTINUING WITH THE INTERVIEW?]

[IF NECESSARY: "This is not a sales call. I have nothing to sell either now or later. This is an important survey about your opinions."]

[IF NECESSARY: "Your number was selected randomly by a computer."]

[IF NECESSARY: "We are looking to speak with people with a wide range of boating experiences."]

[IF NECESSARY: "This survey is about safety for everyone who participates in recreational boating."]

01 YES

02 NO

/ ***/IF INTRO1=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH THE INTERVIEW/***

CELL1. Is this a cell phone?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF CELL1=01/***
/ ***/IF RESPONDENT IS USING A CELL PHONE/***

CELL2 . Your safety is important to us. Are you driving a car or other vehicle right now?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF CELL2 =01, 97, 99 THEN TERMINATE/***
/ ***/SET UNSCHEDULED CALLBACK/***
/ ***/IF CELL2=02/***
/ ***/IF RESPONDENT IS NOT DRIVING A CAR/***

AGEQUAL. Are you at least 16 years of age?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF AGEQUAL=02, 97, 99THEN TERMINATE/***
/ ***/SET TERMTYPE=AGE/***
/ ***/IF AGEQUAL=01/***
/ ***/IF RESPONDENT IS AT LEAST 16 YEARS OF AGE/***

INFO. You are eligible to be interviewed. I won't ask for your name, address, or other personal information that can identify you. You don't have to answer any question you don't want to, and you can end the interview at any time. The interview will take about 5 minutes. The United States Coast Guard is doing this survey to help make Americans safer.

Any information you give me will be kept private, to the extent permitted by law. If you have any questions about this survey, I will provide a telephone number for you to call to get more information.

This interview may be monitored or recorded.

[Is respondent continuing with the interview?]

01 YES

02 NO

/ ***/IF INFO=02 THEN TERMINATE AND/***
/ ***/SET TERMTYPE=CONSENT/***

HOUSEHOLD PARTICIPATION

/ ***/IF INFO=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH THE SURVEY/***

BT1 In this survey, we're interested in time people spent on ***recreational*** boats. That means boats that aren't used for purposes that make money. When I ask you about time spent on boats, please think about recreational boats. This could include boats that are rented—such as canoes—or boats that are privately owned by you or someone else.

For this question, please think about all time in recreational boats both on the water and when the boat was docked.

[IF NECESSARY: "Even if you do not boat, your responses are important. The survey is very short."]

Did you **or anyone else in your household** spend any time on recreational boats during [year]?

[IF NECESSARY: “We are asking about all people who have lived in your house in the past year, whether they still reside there or not.”]

01 YES
02 NO
97 DON’T KNOW
99 REFUSED

/ ***/IF INFO=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH THE SURVEY/***

BS1 Do you, or does anyone in your household own any boats? Please include canoes, kayaks, inflatable boats, and personal watercraft.

01 YES
02 NO
97 DON’T KNOW
99 REFUSED

/ ***/IF INFO=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH THE SURVEY/***
/

BT2 Did you **or anyone else in your household** fish from a boat during [year]?

01 YES
02 NO
97 DK
99 REFUSED

/ ***/IF INFO=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH THE SURVEY/***

BT3 Did you **or anyone else in your household** use a kayak or canoe during [year]?

01 YES
02 NO
97 DON’T KNOW
99 REFUSED

END HOUSEHOLD PARTICIPATION

HOUSEHOLD PARTICIPANT ENUMERATION

/ ***/IF INFO=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH THE SURVEY/***
/ ***/RANGE=1-30/***

PN Including yourself, how many total people lived in your household at any time during [year]?

__ RECORD NUMBER 1-30
97 DON'T KNOW
99 REFUSED

DEMOGRAPHICS

/ ***/IF INFO=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH THE SURVEY/***

P1SEX [ASK ONLY IF NECESSARY] To make sure the survey represents everyone, I need to ask. What is your gender?

01 MALE
02 FEMALE
97 DON'T KNOW
99 REFUSED

/ ***/IF INFO=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH THE SURVEY/***
/ ***/RANGE-18-95/***

P1AGEA What is your age?

__ ENTER AGE 18-95
95 OVER AGE 95
97 DON'T KNOW
99 REFUSED

/ ***/IF P1AGEA=97, 99/***
/ ***/IF RESPONDENT DOES NOT GIVE THEIR AGE/***

P1AGEB Which of the following categories includes your age?

01 18 to 24
02 25 to 34
03 35 to 44
04 45 to 54

05 55 to 64

06 65 and over

97 DON'T KNOW

99 REFUSED

/ ***IF BT1=1 OR BT2=1 OR BT3=1 THEN ANYBOAT =1***
/ ***/IF ANYBOAT=1/***

P1BTA In [year], was there any day when you went out on the water in a recreational boat? We are asking only about <u>your</u> participation in boating.

[IF NECESSARY: "Remember that recreational boating includes boating in kayaks and canoes and fishing from boats."]

[IF NECESSARY: "We're interested in days when you personally were on the boat."]

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF ANYBOAT=1 AND IF ANY (USEPWR USESAIL USEOTH)=1***

P1DOCKA In [year], was there any day when you spent more than an hour on a recreational boat while it was not on the open water?

[IF NECESSARY: "Working on the boat, socializing, or doing any other activity while the boat was docked."]

[IF NECESSARY: "We're interested in days when you personally were on the boat."]

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

MODULE: LIFETIME PARTICIPATION

/ ***/IF P1BTA NE 01 AND P1DOCKA NE 01/***
/ ***/IF RESPONDENT HAS NOT GONE OUT ON A BOAT IN OPEN WATER AND NOT ON SPENT TIME WHILE DOCKED/***

P1LT Have you **<u>ever</u>** participated in recreational boating?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

END MODULE: LIFETIME PARTICIPATION

/ ***/IF PN>1/***
/ ***/IF MORE THAN ONE PERSON LIVED IN THE HOUSEHOLD DURING THE REFERENCE PERIOD/***

Please tell us about the other [If PN=2 THEN "person" ELSE IF PN>2 "people"] who lived in your household during [year] and whether they have boated.

/ ***/IF PN>2/***
/ ***/IF MORE THAN TWO PEOPLE LIVED IN THE HOUSEHOLD DURING THE REFERENCE PERIOD/***

To make it easy, I'll ask about the people in your household from youngest to oldest.

DEMOGRAPHICS

/ ***/BEGIN DEMOGRAPHICS LOOP***
/ ***/START COUNTER AT 2/***
/ ***/WHILE COUNTER<=PN/***
/ ***/VARIABLE NAMES ARE P2X-PNX AS IN P2SEX-P4SEX/***
/
/ ***/LOOP THROUGH GENDER/AGE FOR EVERYONE./***
/
/ ***IF PN=2 THEN 'IDENTIFIER' IS 'THE OTHER PERSON IN YOUR HOUSEHOLD'***
/ ***ELSE IF COUNTER=2'IDENTIFIER' IS 'THE YOUNGEST PERSON IN YOUR HOUSEHOLD'***
/ ***ELSE IF COUNTER>2 AND COUNTER<PN THEN 'IDENTIFIER' IS 'THE NEXT YOUNGEST PERSON IN YOUR HOUSEHOLD'***
/ ***ELSE IF COUNTER=PN THEN IDENTIFIER IS 'THE OLDEST PERSON IN YOUR HOUSEHOLD'***

PNSEX What is [identifier]'s gender?

[IF NECESSARY: "For this question, we are asking only about [identifier]'s participation in boating"]

[IF NECESSARY: "Other than yourself"]

01 MALE
02 FEMALE
97 DON'T KNOW
99 REFUSED

/ ***/WHILE COUNTER<=PN/***
/ ***/RANGE=18-95/***

PNAGEA How old is he/she?

__ ENTER AGE 18-95

95 OVER AGE 95

97 DON'T KNOW

99 REFUSED

/ */IF PNAGEA=97, 99/*
/ */IF RESPONDENT DOES NOT GIVE THEIR AGE/*

PNAGEB Which of the following categories includes his/her age?

01 0 to 5

02 6 to 10

03 11 to 15

04 16 to 24

05 25 to 34

06 35 to 44

07 45 to 54

08 55 to 64

09 65 and over

97 DON'T KNOW

99 REFUSED

/ */END AGE/GENDER LOOP*

PARTICIPATION

/ */BEGIN PARTICIPATION LOOP*
/ */IF ANYBOAT=1 WHILE COUNTER<=PN/*
/ */LOOP THROUGH THESE FOR ALL FAMILY MEMBERS AFTER THE AGE/GENDER SERIES/*

PNBTA In [year], was there any day when he/she went out on the water in a recreational boat?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ */IF ANYBOAT=1 WHILE COUNTER<=PN/*

PNDOCKA In [year], was there any day when he/she spent more than an hour on a recreational boat while it was docked?

[IF NECESSARY: "when you were **not** preparing to launch the boat"]

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

MODULE: LIFETIME PARTICIPATION

/ ***/IF PNBTA NE 01 AND PNDOCKA NE 01***

PNLT Has he/she **ever** participated in recreational boating?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

END MODULE: LIFETIME PARTICIPATION

/END PARTICIPATION LOOP

END HOUSEHOLD PARTICIPANT ENUMERATION

BOATING SAFETY AWARENESS AND BEHAVIORS

LIFEJACKETS IN THE HOUSEHOLD

/ ***/IF ANYBOAT=1/***

LFJ_hhld Does anyone in your household own any life jackets?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF LFJ_HHLD=01/***
/ ***/IF SOMEONE IN HOUSEHOLD OWNS A LIFE JACKET/***
/ ***/RANGE=1-50/***

LFJN How many?

[IF NECESSARY: total jackets are owned by all the people in your household]

__ RECORD NUMBER

97 DON'T KNOW

99 REFUSED

END LIFEJACKETS IN THE HOUSEHOLD

SAFETY BEHAVIORS OF A BOATING CHILD

/ */CHILDSELECT=A RANDOM PERSON FROM ALL RECORDS WHERE (PNAGEA<16) AND (PNBTA=1 OR PNDOCKA=1)/*
/ */ASSIGN AN IDENTIFIER-CHILDAGE=PNAGEA/*

CHSAFETY. I have a couple of questions about the [childage] year old child who boated in [year]. Has this child ever participated in a boating safety course?

[IF NECESSARY: “I mean the [pnsex] child, the one who is the [household enumeration identifier]"]

01 YES
02 NO
97 DON’T KNOW
99 REFUSED

/ */IF CHILDSELECT PNBTA=01 OR PNDOCKA=01/*
/ */IF CHILDSELECT WAS FIRST TIME THIS YEAR ON WATER OR DOCKED RECREATIONAL BOAT/*

CHLFJ. How often did this child wear a life jacket while on board a boat during [year]? Would you say…

01 Always
02 Most of the time
03 Sometimes
04 Rarely
05 Never
97 DON’T KNOW
99 REFUSED

END SAFETY BEHAVIORS OF A BOATING CHILD

END BOATING SAFETY AWARENESS AND BEHAVIORS

2010 EXPOSURE ESTIMATION—ADMINISTERED IN 2011 ONLY

KIND OF BOAT

/ */IF BS1=1 AND REGION=SOUTH*
/ */IF BOATS ARE OWNED AND THE PERSON LIVES IN THE SOUTH REGION*
/ */RANGE 1-20*

BTN How many boats are owned by your household?

RECORD RESPONSE

97 DON'T KNOW

99 REFUSED

/ ***/IF BTN>1 AND BTN<97***
/ ***IF THERE IS MORE THAN ONE BOAT***

I'll ask the next few questions about each of your boats. We'll start with the longest and go to the shortest.

/ ***FOR EACH BOAT 1-BTN***

CATX What type of boat is [identifier]? Is it…

01 A powerboat,

02 A sailboat,

03 A personal watercraft such as a jetski,

04 Canoe,

05 Kayak, or

06 Something else?

97 DON'T KNOW

99 REFUSED

[IF NECESSARY: "A power boat refers to a boat of any size powered by a motor"]

/ ***/IF CATX =01/***
/ ***/IF RESPONDENT HAS A POWERBOAT/***

TPpX Is it…

01 a cabin motorboat

02 a jet boat

03 an open motorboat

04 a pontoon boat

05 a houseboat

06 an airboat

97 DON'T KNOW

99 REFUSED

/ ***/IF CATX=02/***
/ ***/IF RESPONDENT HAS A SAILBOAT/***

TPSX Is it…

2 An auxiliary motor sailboat, or

[IF NECESSARY: “A sailboat with a motor”]

02 a sail only sailboat

/ ***/IF CATX=06/***
/ ***/IF RESPONDENT HAS A DIFFERENT KIND OF BOAT/***

TPOX Is it…

01 a rowboat, or

02 an inflatable

03 NEITHER

97 DON’T KNOW

99 REFUSED

BOAT USAGE

/ ***FOR EACH BOAT 1 TO BTN/***
/ ***/RANGE 1-179/***

USE_X From October through December last year, was the boat used at all?

IF NECESSARY: days that anyone in your household used the boat.

01 YES

02 NO

97 DK

99 REF

/ ***IF USE_X>0***
/ ***IF IT WAS USED IN Q4 2010***

USEFREQ1_X How many days in October?

ENTER RESPONSE

997 DON’T KNOW

999 REFUSED

/ ***IF USE_X>0***
/ ***IF IT WAS USED IN Q4 2010***

USEFREQ1_X How many days in November?

ENTER RESPONSE

997 DON’T KNOW

999 REFUSED

/ ***IF USE_X>0***
/ ***IF IT WAS USED IN Q4 2010***

USEFREQ1_X How many days in December?

ENTER RESPONSE

997 DON'T KNOW

999 REFUSED

/ ***/IF USE_X=1/***
/ ***/IF THE BOAT WAS USED IN Q4 2010/***
/ ***RANGE=1-24/***

EXPTIME_X On an average day the boat was used in October, November or December last year, how many hours did you go out on the boat?

IF NECESSARY: Anyone in your household.

ENTER RESPONSE

997 DON'T KNOW

999 REFUSED

/ ***/IF USE_X=1/***
/ ***/IF THE BOAT WAS USED IN Q4 2010/***
/ ***RANGE=1-20/***

EXPPPL_X On an average day the boat was used in October, November or December last year, how many people were aboard the boat?

IF NECESSARY: When anyone in your household was on the boat

ENTER RESPONSE

997 DON'T KNOW

999 REFUSED

END EXPOSURE MODULE

SURVEY OF AN INDIVIDUAL PARTICIPANT

/ ***AMONG HOUSEHOLD MEMBERS WHERE***
/ ***PNDOCKA=1 OR PNBTA=1***
/ ***AND***
/ ***PNAGEA>=16 OR PAGEB IN (4,5,6,7,8,9)***
/ ***AND***
/ ***PNSEX NE 97, 99***
/ ***RANDOMLY SELECT ONE AND MAKE IDENTIFIER= "THE PNSEX AGED [PNAGEA OR PNAGEB] YEARS"***
/ ***IF THERE ARE NO ELIGIBLE RESPONDENTS, SKIP TO END AND SELECTED=0***

ISYOU

I need to talk to the [identifier] to complete the rest of the survey. Is that you?

[IF NECESSARY: “we randomly select one boating household member to complete the survey to make sure everyone is surveyed equally.”]

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/ ***/IF ISYOU IN (01,97,99) THEN GO TO USERINTRO2/***
/ ***/IF ISYOU=02 REQUEST TRANSFER BELOW/***

NEEDXFR

Can you transfer me to [if SELECTEDSEX=1 then “him”, else “her”]?

01 SUCCESSFUL TRANSFER

02 REFUSE TO TRANSFER

03 CALLBACK TO COMPLETE

/ ***/IF INTRO2=CALLBACK AND SELECTED=0/***

XFRNUM. Is there a better number I can call [if SELECTEDSEX=1 then “him”, else “her”] at?

01 YES—RECORD NUMBER

02 NO

97 DON’T KNOW

99 REFUSED

/ ***/IF INTRO2=CALLBACK AND SELECTED=0/***
/ ***/SET NAME IN SAMPLE FOR CALLBACKS/***

XFRNAME. Can you give me a name to ask for when I call back to speak to [if SELECTEDSEX=1 then “him”, else “her”]?

[IF NECESSARY: “I just need a first name or some initials. Anything that will allow me to ask for the right person when I call back.”][IF NECESSARY: “The survey is completely confidential and anonymous. We won’t use any information like your name for any purpose other than contacting you to complete the survey. “]

01 RECORD NAME—SCHEDULE CALLBACK

99 REFUSED

/ ***/IF NEEDXFR=03 THEN SCHEDULE CALLBACK. CALLBACK START ON INTRO1B/***
/ ***/IF NEEDXFR IN (01,03)/***
/ ***/IF SUCCESSFUL TRANSFER OR CALLBACK/***

INTRO1b

[If XFRNAME ne “”: “Hello, may I please speak with [XFRNAME]?”]. My name is [full name]. I’m calling on behalf of the United States Coast Guard. I’m conducting a poll about recreation in the United States.

[IS RESPONDENT CONTINUING WITH THE INTERVIEW?]

01. YES

02. NO

[IF NECESSARY: “We recently called and spoke with someone else in your home about this survey. You were randomly selected to participate.”]

[IF NECESSARY: “This is not a sales call. I have nothing to sell either now or later. This is an important survey about your opinions.”]

[IF NECESSARY: ‘Your number was selected randomly by a computer.”]

/IF INTRO1B=01/
/IF RESPONDENT IS CONTINUING WITH INTERVIEW/

CELL1b. Is this a cell phone?

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/IF CELL1B=01/
/IF IT IS A CELL PHONE/

CELL2b. Your safety is important to us. Are you driving a car or other vehicle right now?

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/IF CELL2B IN (01,97,99) THEN TERMINATE/
/SET UNSCHEDULED CALLBACK/
/IF INTRO1B=01/
/IF RESPONDENT IS CONTINUING WITH INTERVIEW/

AGEQUALb. Are you at least 16 years of age?

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/ ***/IF AGEQUALB IN (02, 97, 99) THEN TERMINATE/***
/ ***/SET TERMTYPE=AGEUSER/***
/ ***/IF INTRO1B=01 /***
/ ***/IF RESPONDENT IS CONTINUING WITH INTERVIEW/***

INFOb.. You are eligible to be interviewed. I won't ask for your name, address, or other personal information that can identify you. You don't have to answer any question you don't want to, and you can end the interview at any time. The interview will take about 5 minutes. The United States Coast Guard is doing this survey to help make Americans safer.

Any information you give me will be kept private, to the extent permitted by law. If you have any questions about this survey, I will provide a telephone number for you to call to get more information.

This interview may be monitored or recorded.

[Is respondent continuing with the interview?]

01 YES

02 NO

01. YES

02. NO

/ ***/IF ISYOU IN (01, 97, 99) OR INFOB=01 THEN SELECTED=1/***
/ ***/IF ISYOU IN (01,97,99)/***

USERINTRO In this survey, we're interested in time people spent on ***recreational*** boats. That means boats that aren't used for purposes that make money. When I ask you about time spent on boats, please think about recreational boats. This could include boats that are rented—such as canoes—or boats that are privately owned by you or someone else.

/ ***/IF ISYOU IN (01,97,99) THEN BT=P1BOATA/***
/ ***/IF INFOB=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH INTERVIEW/***

BT

For this question, please think about all time in recreational boats both on the water and when the boat was docked.

In [year], was there any day when went you out on the water in a recreational boat?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF ISYOU IN (01,97,99) THEN DK=P1DOCKA/***
/ ***/IF INFOB=01/***
/ ***/IF RESPONDENT IS CONTINUING WITH INTERVIEW/***

DocK

In [year], was there any day when [identifier] spent more than an hour on a recreational boat while it was docked?

IF NECESSARY: when you were **not** preparing to launch the boat

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF BT NE 01 AND DOCK NE 01 THEN THANK AND TERMINATE/***
/ ***/SET TERMTYPE=NOUSERBT/***

/ ***IF BT=1 THEN SAY/***

The next questions are about all of your experiences on recreational boats in [reference period].

/ ***/BTTYPES=COUNTIF (USEAB-USESL=1)/***
/ ***/IF USERTRIP=1/***
/ ***/MULTIPUNCH/***
/ ***/BOATCATS COUNTOF (USEPWR-USEOTH)/***

During [reference period], in what types of boats did you go out on the water? Did you go out on …

USEPWR A power boat,

USESAIL A sailboat,

USEPWC A personal watercraft such as a jetski,

USECN A canoe,

USEKY A kayak, or

USEOTH Something else?

USEDK DON'T KNOW

USERF REFUSED

[IF NECESSARY: "A power boat refers to a boat of any size powered by a motor"]

/ ***/IF USEPWR=01/***
/ ***/MULTIPUNCH/***

In which of the following types of **power** boats did you go out on the water in [reference period]? Did you go out on…

USECM Any cabin motorboats

USEJB Any jet boats

USEOM Any open motorboats

USEPTN A pontoon boats

USEHB Any houseboats

[IF NECESSARY: “We mean time on a houseboat when it was actually in transit on the water.”]

USEAB Any airboats

USEDKN DON’T KNOW

USERFD REFUSED

[IF NECESSARY: “an open motor boat refers to a power boat without a cabin, including boats canopied or fitted with temporary partial shelters.”]

/ ***/IF USESAIL=01/***
/ ***/MULTIPUNCH/***

In which of the following types of **sail** boats did you go out on the water in [reference period]. Did you go out on…

USEAX Any auxiliary motor sail boat

[IF NECESSARY: “A sailboat with a motor”]

USESL Any sail only boat

USEDDK DON’T KNOW

USDDRF REFUSED

/ ***/IF USEOTH=01/***
/ ***/MULTIPUNCH/***

In which of the following types of **other** boats did you go out on the water in [reference period]. Did you go out on…

USEROW Any rowboats

USEIN Any inflatable boats

USEDKK DON’T KNOW

USEREFU REFUSED

ACTIVITIES

/ ***/IF BT=1/***
/ ***/MULTIPUNCH/***

What did you do on boats on the water during [reference period]?

[IF NECESSARY: “What types of activities did you engage in?”]

UACTCRS CRUISING

UACTRLX RELAXING ALONE OR WITH FRIENDS

UACTSOC SOCIALIZING

UACTFSH FISHING OR CRABBING

UACTHNT HUNTING

UACTPDL WATER PADDLING

UACTRC RACING

UACTROW ROWING

UACTSCUB SCUBA DIVING OR SNORKELING

UACTOBS SIGHTSEEING OR NATURE OBSERVATION

UACTSNBTH SUNBATHING

UACTSWM SWIMMING OR DIVING

UACTTOW WATERSKIING, WAKEBOARDING, OR TUBING

UACTWHTWTR WHITEWATER BOATING

UACTSAIL SAILING

UACTOTH OTHER

UACTDK DON'T KNOW

UACTRF REFUSED

BOATING SAFETY AWARENESS AND BEHAVIORS

ALCOHOL

/ ***/IF BT=1***

The next questions ask about activities you engaged in on that day. All your responses are anonymous and confidential

ALCCONSUME During [year], did anyone on a boat you were on drink any alcoholic beverages while the boat was on the water?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***IF ALCCONSUME=1***

ALCOPERATOR During [year], did the operator of a boat you were on ever drink any alcoholic beverages?

[IF NECESSARY: "the operator is the person with primary responsibility for moving the boat"]

[IF NECESSARY: "while the boat was on open water"]

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ */IF ALCOPERATOR=1*

ALCIMPAIR Can you think of any times during [reference period] when you thought the boat operator was impaired due to alcohol consumption?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

END BOATING SAFETY AWARENESS AND BEHAVIORS

MODULE: RENTED BOATS

TRIP REPORT—FOR ADMINISTRATION 2011 FORWARD

/ */IF BT=1*

RENTALINTRO The following questions regard time you might have spent on boats you rented. This includes boats rented for fishing trips and canoe or kayak trips, but it does not include commercial trips such as whale watching expeditions.

During [year] was there any day when you spent time on the water in a rented boat?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ *IF RENTALINTRO=1*

The next questions are about time you spent on boats you rented in [year]

/ */BTTYPES=COUNTIF (RENTAB-RENTSL=1)/*
/ */IF RENTRTRIP=1/*
/ */MULTIPUNCH/*
/ */BOATCATS COUNTOF (RENTPWR-RENTOTH)/*

During [reference period], what types of boats did you rent? Did you rent …

RENTPWR A power boat,

RENTSAIL A sailboat,

RENTPWC A personal watercraft such as a jetski,

RENTCN A canoe,

RENTKY A kayak, or

RENTOTH Something else?

RENTDK DON'T KNOW

RENTRF REFRENTD

[IF NECESSARY: "A power boat refers to a boat of any size powered by a motor"]

/ ***/IF RENTPWR=01/***
/ ***/MULTIPUNCH/***

Which of the following types of **power** boats did you rent ? Did you rent…

RENTCM Any cabin motorboats

RENTJB Any jet boats

RENTOM Any open motorboats

RENTPTN A pontoon boats

RENTHB Any houseboats

RENTAB Any airboats

RENTDKN DON'T KNOW

RENTRFD RENTREF

[IF NECESSARY: "an open motor boat refers to a power boat without a cabin, including boats canopied or fitted with temporary partial shelters."]

/ ***/IF RENTSAIL=01/***
/ ***/MULTIPUNCH/***

Which of the following types of **sail** boats did you rent?. Did you rent…

RENTAX Any auxiliary motor sail boat

[IF NECESSARY: "A sailboat with a motor"]

RENTSL Any sail only boat

RENTDDK DON'T KNOW

USDDRF REFRENTD

/ ***/IF RENTOTH=01/***
/ ***/MULTIPUNCH/***

Which of the following types of **other** boats did you rent?. Did you rent…

RENTROW Any rowboats

RENTIN Any inflatable boats

RENTDKK DON'T KNOW

RENTREFU REFRENTD

TRIP EXPOSURE

STATES WHERE BOATED

/ */SELECT RBTYPE RANDOMLY FROM THE SET OF BOAT TYPES ENDORSED AT*
/ *RENTPWR A POWER BOAT,*
/ *RENTSAIL A SAILBOAT,*
/ *RENTPWC A PERSONAL WATERCRAFT SUCH AS A JETSKI,*
/ *RENTCN A CANOE,*
/ *RENTKY A KAYAK, OR*
/ *RENTOTH SOMETHING ELSE?*
/ */IF RENTALINTRO=1*

RENTTRIP. The next questions are about the last day you went out on a rented [RBTYPE]. Can you remember the last day you spent on the water in a [RBTYPE]?

1 YES
2 NO
97 DK
99 REF

/ */IF RENTTRIP=1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*

WLOC

On [identifier], which of the United States was the boat in when it went out on the water?

/ */STATE FIPS CODES FOR PROGRAMMING ARE BELOW/*

01 ALABAMA
02 ALASKA
04 ARIZONA
05 ARKANSAS
06 CALIFORNIA
08 COLORADO
09 CONNECTICUT
10 DELAWARE
11 DISTRICT OF COLUMBIA
12 FLORIDA
13 GEORGIA
15 HAWAII
16 IDAHO
17 ILLINOIS
18 INDIANA

19 IOWA
20 KANSAS
21 KENTUCKY
22 LOUISIANA
23 MAINE
24 MARYLAND
25 MASSACHUSETTS
26 MICHIGAN
27 MINNESOTA
28 MISSISSIPPI
29 MISSOURI
30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND
45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN
56 WYOMING
96 OTHER (SPECIFY)

97 DON'T KNOW

99 REFUSED

/ ***IF WLOC=96***

WLOCo Other location

RECORD LOCATION

DK

REF

/ ***/IF WLOC NOT IN (96, 97, 99)/***
/ ***/IF RESPONDENT NAMED A LOCATION IN THE LIST/***

WOTHST1

On that day, did the boat go into states other than [WLOC]?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF WOTHST1=01/***
/ ***/IF THE BOAT WENT TO MORE THAN ONE LOCATION/***
/ ***/MULTIPUNCH/***

WOTHST2

Which ones?

/ ***/STATE FIPS CODES FOR PROGRAMMING ARE BELOW/***

01 ALABAMA

02 ALASKA

04 ARIZONA

05 ARKANSAS

06 CALIFORNIA

08 COLORADO

09 CONNECTICUT

10 DELAWARE

11 DISTRICT OF COLUMBIA

12 FLORIDA

13 GEORGIA

15 HAWAII

16 IDAHO

17 ILLINOIS
18 INDIANA
19 IOWA
20 KANSAS
21 KENTUCKY
22 LOUISIANA
23 MAINE
24 MARYLAND
25 MASSACHUSETTS
26 MICHIGAN
27 MINNESOTA
28 MISSISSIPPI
29 MISSOURI
30 MONTANA
31 NEBRASKA
32 NEVADA
33 NEW HAMPSHIRE
34 NEW JERSEY
35 NEW MEXICO
36 NEW YORK
37 NORTH CAROLINA
38 NORTH DAKOTA
39 OHIO
40 OKLAHOMA
41 OREGON
42 PENNSYLVANIA
44 RHODE ISLAND
45 SOUTH CAROLINA
46 SOUTH DAKOTA
47 TENNESSEE
48 TEXAS
49 UTAH
50 VERMONT
51 VIRGINIA
53 WASHINGTON
54 WEST VIRGINIA
55 WISCONSIN

56 WYOMING

96 OTHER (SPECIFY)

97 DON’T KNOW

99 REFUSED

/ ***IF WOTHST2=96***

OTHST2o Other location

RECORD LOCATION

DK

REF

PEOPLE ON THE BOAT

/ ***/IF RENTTRIP=1***
/ ***/IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT***

WPPL

Including you, how many people went on the boat that day?

[IF NECESSARY: “How many people did you have with you most of the time?”]

RECORD NUMBER /RANGE=1-997/

97 DON’T’ KNOW

99 REFUSED

/ ***/IF WPPL>1***
/ ***IF THERE WAS MORE THAN ONE PERSONON THE BOAT; THE RESPONDENT IS NECESSARILY OVER 16***

WKIDS How many children under the age of 16 were on the boat?

ENTER RESPONSE /RANGE=0-10/

97 DK

99 REF

BOAT HOURS

/ ***/IF RENTTRIP=1***
/ ***/IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT***

OVERNT

On that day, did the boat stay out on the water overnight?

01 YES

02 NO

97 DON’T KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT, COLLECT THE SETOUT AND RETURN TIMES, WE'LL CALCULATE HOURS FROM THESE/***

LNCHTIME

About what time of day did [identifier] set out?

RECORD TIME

97 DON’T KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***
/ ***/RANGE=1-90/***

DOCKDAY

How many days later did the boat dock again?

RECORD NUMBER

97 DON'T' KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***

DOCKTIME

About what time did the boat dock again the day it returned?

RECORD TIME

97 DON'T KNOW

99 REFUSED

/ ***/IF OVERNT=01/***
/ ***/IF THE BOAT STAYED ON THE WATER OVERNIGHT/***

PREWHRS I'm going to ask you some questions about the whole trip starting on [identifier] to when the boat docked again on [//DOCKDAY]. Please answer for that whole time

/ ***/IF OVRNT=02/***
/ ***/IF IT WAS JUST A DAY TRIP/***
/ ***/RANGE=1-24/***

WHRS

On that day, how many hours did the boat spend on the water before it was moored, docked, or taken out of the water again?

RECORD NUMBER 1-24

97 DON'T KNOW

99 REFUSED

/ */PUT A FLAG FOR PARTIAL COMPLETE HERE. TRIPS FOR WHICH HOURS DATA ARE AVAILABLE WILL COUNT TOWARD THE FINAL DATA./*

TYPES OF WATER

/ */IF RENTTRIP=1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ */MULTIPUNCH*

WRTYPE

On that day, did the boat go on any:

01 Brackish water?

[IF NECESSARY: “Brackish water is water where freshwater and saltwater are mixed.”]

02 freshwater?

03 Saltwater?

97 DON’T KNOW

99 REFUSED

/ */IF RENTTRIP=1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*
/ *MULTIPUNCH*
/ *INTERVIEWER CODED*

WRBODY

What kinds of bodies of water did it go out on?

01 LAKE

02 BAY

03 RIVER

04 CANAL

05 INTERCOASTAL WATERWAY

06 OCEAN

07 OTHER (SPECIFY)

97 DON’T KNOW

99 REFUSED

/ *IF WRBODY=07*

WRBODYOTH

ENTER OTHER SPECIFY

END TRIP EXPOSURE

BOATING SAFETY AWARENESS AND BEHAVIORS

BOAT OPERATION

/ */LOAD VARIABLES PRIMOP, OWNSAFE, AND OWNEXP FROM THE BOAT SURVEY/*
/ */IF RENTTRIP=1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*

WHOOP Did you personally operate the boat on that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF WHOOP=1/*
/ */IF RESPONDENT PERSONALLY OPERATED THE BOAT/*

OPSAFE

Have you ever taken a boat safety course?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF WHOOP=1/*
/ */IF RESPONDENT PERSONALLY OPERATED THE BOAT/*

OPEXP

How experienced in the operation of the boat are you? Would you say…

01 Very experienced
02 Somewhat experienced
03 Somewhat inexperienced
04 Very inexperienced
97 DON'T KNOW
99 REFUSED

/ */IF (ONBOAT1=1 OR TRIPREM=1) AND WPPL>1/*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT AND*
/ *MORE PEOPLE THAN THE RESPONDENT WERE PRESENT ON THE BOAT /*

OPN

How many people other than yourself operated the boat?

RECORD NUMBER (1-5)

97 DON'T KNOW

99 REFUSED

/ ***/FOR EACH PERSON IN OPN/***
/ ***/VARIABLE NAMES ARE OP1-OPN AS IN OP1-OP4/***

OPAGE1-OPAGEN

How old was the first person other than you who operated the boat?

01 5 or younger,

02 6 to 10

03 11 to 15

04 16 to 17

05 18 to 24

06 25 to 34

07 35 to 44

08 45 to 54

09 55 to 64

10 Over 65

97 DON'T KNOW

99 REFUSED

/ ***/FOR EACH PERSON IN OPN/***

OPEXP1-OPEXPN

How experienced in the operation of the [selected] boat was the [identifier] operator? Would you say…

01 Very experienced

02 Somewhat experienced

03 Somewhat inexperienced

04 Very inexperienced

97 DON'T KNOW

99 REFUSED

ALCOHOL

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

The next questions ask about activities you engaged in on that day. All your responses are anonymous and confidential

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

ALC

Alcohol includes beer, wine, malt beverages, and liquor. On that day, did anyone on the boat drink alcohol before or during the trip on the water

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

ALCop

On that day, did anyone drink alcohol before or during operating the boat?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

LIFE JACKETS

/ */IF (ONBOAT1=1 OR TRIPREM=1)*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*

LFJBT

Were there life jackets on the boat that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF LFJBT=01/***
/ ***/IF THERE WERE LIFE JACKETS ON THE BOAT THAT DAY/***
/ ***/RANGE=1-50/***

LFJN

How many?

__ RECORD RESPONSE
97 DON'T KNOW
99 REFUSED

/ ***/IF (ONBOAT1=1 OR TRIPREM=1)***
/ ***/ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT***

LFPBT

Were there life preservers or throwable devices on the boat that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***/IF LFPBT=01/***
/ ***/IF THERE WERE LIFE PRESERVERS OR THROWABLE DEVICES/***
/ ***/RANGE=1-50/***

LFPN

How many?

__ RECORD RESPONSE
97 DON'T KNOW
99 REFUSED

/ ***/IF (ONBOAT1=1 OR TRIPREM=1)***
/ ***/ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT***

LFJSLF

Did you wear a lifejacket all the time on that day?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ ***IF WKIDS>1 THEN ASK***

How many children were on the boat who were:

WKID5 less than 6 years old

WKID10 6 to 10 years old

WKID15 11 to 15 years old

RECORD NUMBER FOR EACH

/ */IF WKID5>0 THEN ASK LJKID5/*
/ */IF ONE OR MORE CHILDREN ON BOAT UNDER SIX YEARS OLD/*

LJKID5

How many of the children who were less than 6 years old wore a lifejacket all the time?

/ */IF WKID10>0 THEN ASK LJKID10/*
/ */IF ONE OR MORE CHILDREN ON BOAT AGED 6 TO 10*

LJKID10

How many of the children who were 6 to 10 years old wore a lifejacket all the time?

/ */IF WKID15>0 THEN ASK LJKID15/*
/ */IF ONE ORE MORE CHILDREN ON BOAT AGED 11 TO 15/*

LJKID15

How many of the children who were 11 to 15 years old wore a lifejacket all the time?

/ */IF (ONBOAT1=1 OR TRIPREM=1) AND WPPL>WKIDS+1*
/ */ASK IF THE RESPONDENT WAS PRESENT ON THE BOAT*
/ *AND THE TOTAL NUMBER OF PEOPLE IS GREATER THAN THE RESPONDENT + THE CHILDREN*
/ */RANGE=0-997/*

LFJAD

Not including you, how many of the people aged 16 and over wore lifejackets all the time they were on the boat?

__ RECORD NUMBER

97 DON'T KNOW

99 REFUSED

MODULE: REASONS FOR LIFEJACKET USE

/ */IF LFJSLF=2 AND RANDUNIFORM<.1 /*
/ *ASK OF 10% OF RESPONDENTS WHO DIDN'T WEAR A LIFEJACKET ALL THE TIME*

LFJWHYA

Why did you not wear a lifejacket all the time?

RECORD RESPONSE

97 DON'T KNOW

99 REFUSED

/ */IF LFJC5=2 LFJC10=2 OR LFJC15=2 AND RANDUNIFORM<.1 /*
/ *ASK OF 10% OF RESPONDENTS WHO REPORT THAT ANY CHILD DIDN'T WEAR A LIFE JACKET ALL THE TIME.*

LFJWHYC

You indicated that someone under 15 didn't wear a lifejacket all the time. Can you tell me why that was?

RECORD RESPONSE

97 DON'T KNOW

99 REFUSED

END MODULE: REASONS FOR LIFEJACKET USE

OTHER SAFETY EQUIPMENT

/ */IF CATX NOT IN (4,5)*
/ */ASK IF BOAT TYPE IS NOT CANOE OR KAYAK/*

Which of the following were on the boat on [identifier]? Was there…

SFFA First aid kit

SFHOOK Equipment for reaching someone in the water such

SFEXT Fire extinguisher

SFVDIST Visual distress signals such as flares

SFSDIST Sound signal such as a horn

SFEPIRB Emergency Position Indicating Radio Beacon-EPIRB

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

USAGE OF SAFETY EQUIPMENT

/ */IF ANY OF SFFA-SFEPIRB =1*
/ */IF THERE WAS ANY SAFETY EQUIPMENT ON THE BOAT*
/ */SINGLE PUNCH*

SFUSE You indicated that you had a

/ *SHOW ITEMS ENDORSED ABOVE*

First aid kit

Equipment for reaching someone in the water

Fire extinguisher,

Visual distress signal

Sound signal

EPIRB.

Did you use any of those on the day for safety purposes we've been talking about?

01 YES
02 NO
97 DON'T KNOW
99 REFUSED

/ */IF SFUSE=01/*
/ */IF YES, THEN ASK/*
/ ***MULTIPUNCH***

Which ones?

[DO NOT READ]

SFFAUSED	FIRST AID KIT
SFHOOKUSED	EQUIPMENT FOR REACHING SOMEONE IN THE WATER
SFEXTUSED	FIRE EXTINGUISHER
SFVDISTUSED	VISUAL DISTRESS SIGNALS
SFSDISTUSED	SOUND SIGNALS
SFEPIRBUSED	EMERGENCY POSITION INDICATING RADIO BEACON-EPIRB

END SAFETY AWARENESS AND BEHAVIORS

NEGATIVE EVENT INCIDENCE AND RISK

NEGATIVE EVENTS

/ */LOAD HASMOT FROM BOAT SURVEY*
/ *ASK IF HASMOT=1 OR CATX=2*
/ */ASK IF BOAT HAS A MOTOR OR BOAT TYPE=SAILBOAT/*
/ */MULTIPLE*

On that day…

ACCCOLV	Did the boat collide with another vessel?
ACCAGD	Did the boat run aground?
ACCCOLF	Did the boat collide with a fixed or submerged object?
ACCFLD	Did the boat capsize, flood, or swamp?
ACCOVBRD	Did anyone fall overboard?
ACCSKI	Was there a water-skiier accident?

ACCDK DK

ACCREF REF

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

On this trip, how many times …

/ ***/IF ACCCOLV=01/***
/ ***/IF THE BOAT COLLIDED WITH ANOTHER VESSEL/***

ACCCOLVn Did the boat collide with another vessel?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCAGD=01/***
/ ***/IF THE BOAT RAN AGROUND/***

ACCAGDn Did the boat run aground?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCCOLF=01/***
/ ***/IF THE BOAT COLLIDED WITH AN OBJECT/***

ACCCOLF n Did the boat collide with a fixed or submerged object?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCFLD=01/***
/ ***/IF THE BOAT CAPSIZED, FLOODED, OR WAS SWAMPED/***

ACCFLD n Did the boat capsize, flood, or swamp?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCOVBRD=01/***
/ ***/IF SOMEONE FELL OVERBOARD/.***

ACCOVBRDn Did anyone fall overboard?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCSKI=01/***
/ ***/IF THERE WAS A WATER-SKIIER ACCIDENT/***

ACCSKIn Was there a water-skiier accident?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

On this trip, how many times did you report to the authorities that…

/ ***/IF ACCCOLV=01/***
/ ***/IF THE BOAT COLLIDED WITH ANOTHER VESSEL/***

ACCCOLVn the boat collided with another vessel?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCAGD=01/***
/ ***/IF THE BOAT RAN AGROUND/***

ACCAGDn the boat ran aground?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCCOLF=01/***
/ ***/IF THE BOAT COLLIDED WITH AN OBJECT/***

ACCCOLF n the boat collided with a fixed or submerged object?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCFLD=01/***
/ ***/IF THE BOAT CAPSIZED, FLOODED, OR WAS SWAMPED/***

ACCFLD n the boat capsized, flooded, or swamped?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCOVBRD=01/***
/ ***/IF SOMEONE FELL OVERBOARD/.***

ACCOVBRDn someone fell overboard?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

/ ***/IF ACCSKI=01/***
/ ***/IF THERE WAS A WATER-SKIIER ACCIDENT/***

ACCSKIn there was a water-skiier accident?

RECORD RESPONSE/RANGE=1-10/

97 DON'T KNOW

99 REFUSED

DAMAGE TO PEOPLE AND VESSELS

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

Did any of these incidents involve:

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

ACCDAMAGE Damage to vessels or other property of $2,000 or more, or complete loss of any vessel?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***IF ANY OF (ACCCOLV, ACCAGD, ACCCOLF, ACCFLD , ACCOVBRD , ACCSKI) =1***

ACCINJURY An injury requiring medical treatment or first aid

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

ECONOMIC IMPACT OF RECREATIONAL BOATING

Next, I'd like to talk about all the time you spent away from home that included the day on the water we've been talking about. These questions are about the time from when you left your house until you returned home again, which could be just the day or, or it could be several days.

/ */IF RENTTRIP=1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*

TRPDIST How far did you travel by land on this trip to reach the place where the boat was kept or was launched?

RECORD MILES /RANGE 0-9999/

97 DON'T KNOW

99 REFUSED

MODULE: BOAT EXPENDITURE COROLLARY QUESTIONS

/ */IF RENTTRIP=1*
/ */IF THERE IS AN ELIGIBLE TRIP FOR THIS REPORT*

STYAWY. Did you stay away from home with your boat for one or more days on this trip?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ */IF STYAWY=01/*
/ */IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/*
/ */RANGE=0-996/*

STYN. How many nights were you away from home on this trip?

RECORD NUMBER 0-996

97 DON'T KNOW

99 REFUSED

/ */IF STYAWY=01/*
/ */IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/*
/ */MULTIPLE*

What type of lodging did you use on this trip? Did you stay

STYFF	With friends or family
STYBB	At a bed and breakfast
STYHTL	At a hotel or motel

STYCMP At a campground

STYOBT On board the boat

STYDK DK

STYREF REF

/ */IF STYOBT=01/*
/ */IF RESPONDENT STAYED ON THE BOAT/*

STYOBTN How many nights did you stay onboard the boat?

RECORD NUMBER /RANGE=1-50/

97 DON'T KNOW

99 REFUSED

/ */IF STYAWY=01/*
/ */IF RESPONDENT STAYED WITH BOAT FOR ONE OR MORE DAYS/*

TRPDYS How many total days did you take the boat out on the water on this trip?

RECORD NUMBER /RANGE=1-50/

97 DON'T KNOW

99 REFUSED

/ */IF RENTTRIP=1 AND CATX=2*
/ *MULTIPLE*

At which types of launch sites or ramps was the boat launched on this trip? Was it launched at

LCHAG A launch site operated by a state boating or fishing agency.

LCHGVT A launch site operated by a county or local government

LCHFED A launch site operated by a federal agency

[IF NECESSARY: "such as theNational Park Service, NOAA, U.S. Forest Service, Army Corps of Engineers, Fish and Wildlife Service, Bureau of Reclamation"]

LCHMR A launch site at a marina or dry stack

LCHPRV A privately owned/operated launch site

LCHDK DK

LCHREF REF

/ */LOAD HASMOT FROM BOAT SURVEY. /*
/ */ IF RENTTRIP=1 AND HASMOT=1/*
/ *IF THERE IS A VALID TRIP AND THERE IS A MOTOR*

TRPMOT Were the boat's motors or engines operated during this trip?

01 YES

02 NO

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPMOT=01/***
/ ***/IF MOTORS OR ENGINES WERE OPERATED DURING THIS TRIP/***
/ ***/RANGE=1-997/***

TRPMOTHR Approximately how many hours did you operate the motors or engines on this trip?

RECORD NUMBER

97 DON'T KNOW

99 REFUSED

END MODULE: BOAT EXPENDITURE COROLLARY QUESTIONS

TRIP EXPENDITURES

/ ***/IF RENTTRIP=1***

The next questions concern money you spent on this trip on things other than the boat itself.

/ ***/IF TRPDIST>20/***

Think about money you spent within 20 miles of your home while preparing for the trip. We'll ask you about money you spent traveling to and near the launch site in a moment.

/ ***/IF RENTTRIP=1***

How much did you spend for this trip [if TRPDIST>20 then "**before you left**"] on …

/ ***/IF HASMOT=01/***
/ ***/IF BOAT HAS A MOTOR/***

EXPNRFUEL Boat fuel and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF CATX NOT IN (4,5) AND TPOX NE 2***
/ ***/IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/***

EXPNRDOCK Temporary dockage or marina fee:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPNRLNCH Pump-out and launch fees:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRMEAL Restaurant meals and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF RENTTRIP=1*

EXPNRGROC Groceries, take-out food and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF RENTTRIP=1*

EXPNRGAS Auto gas and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRSHOP Shopping and souvenirs:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRIPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*

EXPNRREC Recreation and entertainment:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF STYAWY=1 AND TRPDIST<=20/*
/ */IF THE QUESTION INCLUDES TIME AFTER THEY LEFT HOME*
/ */AND THEY STAYED AWAY FROM HOME*

EXPNRLODG Lodging expenses (e.g., hotel, camping, and B&B):

RECORD NUMBER/RANGE=0-9997/

97 DON'T KNOW

99 REFUSED

/ */IF TRPDIST>20/*
/ */IF THEY WENT FURTHER THAN 20 MILES TO START THE TRIP*

The next questions concern money you spent **after you left home for the trip**.

After you left home, how much did you spend on…

/ */IF HASMOT=01/*
/ */IF BOAT HAS A MOTOR/*

EXPFRFUEL Boat fuel and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPFRDOCK Temporary dockage or marina fee:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF CATX NOT IN (4,5) AND TPOX NE 2*
/ */IF BOAT TYPE NOT IN CANOE, KAYAK, INFLATABLE/*

EXPFRLNCH Pump-out and launch fees:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ */IF TRPDIST>20/*

EXPFRMEAL Restaurant meals and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRGROC Groceries, take-out food and drinks:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRGAS Auto gas and oil:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRSHOP Shopping and souvenirs:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF TRPDIST>20/***

EXPFRREC Recreation and entertainment:

RECORD NUMBER/RANGE=0-997/

97 DON'T KNOW

99 REFUSED

/ ***/IF STYAWY=1 AND /IF TRPDIST>20/***
/ ***AND THEY STAYED AWAY FROM HOME***

EXPFRLODG Lodging expenses (e.g., hotel, camping, and B&B):

RECORD NUMBER/RANGE=0-9997/

97 DON'T KNOW

99 REFUSED

END ECONOMIC IMPACT OF RECREATIONAL BOATING

MODULE: CLOSING

APPENDIX D: TELEPHONE INTERVIEWER'S GUIDE TO FREQUENTLY ASKED QUESTIONS

What is the study **about**?	This survey helps the Coast Guard's Office of Boating Safety to enable your State to tailor safety initiatives addressing specific needs of boaters in your area. The National Recreational Boating Survey aims to collect information on six major subjects: 1. The amount of time people and boats are on the water, 2. How many people own boats and how many people go boating, 3. Boaters' safety awareness and actual behavior, 4. The economic impact recreational boating has on the economy, 5. The frequency of negative events, such as accidents, occur, and 6. General statistics about boats in use. Each of the questions in today's survey will relate to one of these six goals, or it is necessary to make sure the data statistically matches the general population.
Who is **sponsoring** the survey?	The survey is being sponsored by the United States Coast Guard's Office of Boating Safety. ICF Macro is a research company conducting the study on behalf of the Coast Guard.
How do I know this survey is **authentic/real/genuine**?	To learn more about the survey, you can call ICF Macro at ///1-800-992-5203///. ICF Macro is the research firm hired by the U.S. Coast Guard to conduct the survey. If you would like to speak to someone about this survey, you can call ///name/// at the United States Coast Guard at ///toll free number///.
Why is the survey **important**? What will the **results** be used for? Who will use the **results**?	This survey provides the Coast Guard with the data needed for Boating Safety Program legislated under US Code 46, Chapter 131. It helps the Coast Guard to support your State in tailoring safety initiatives that address specific needs of boaters in your area. This survey will help monitor boating safety efforts, and permit States to assume a greater share of boating safety education, assistance, and enforcement activities. The results of the study are used by the Federal and State governments, lawmakers, researchers, and boating industry professionals.
How do I know my information will be kept **confidential**?	Nothing is ever reported in any way that can identify you. The company I work for, ICF Macro, is strict about guarding confidentiality. The computer drops the information that can identify you, such as your phone number, from the report. Results are only reported in group form. I understand your concern about privacy. There are lots of companies trying to sell things, and are willing to sell people's personal information. Good research companies belong to several industry associations, such as the American Association for Public Opinion Research, and they follow certain practices: • Your information is never available individually; your answers are combined with the answers of everyone else. And we never sell or give your name for sales purposes. ICF Macro is a research company that's been doing research for 30 years. In all of that time, they've never released any individual answers to anyone. We never

	report the results of our studies in any manner that could result in your being identified. This is not a political group or business. Nobody will try to sell you anything as a result of your participation.
I am on the **National Do Not Call List.**	I know you are referring to the law that controls telemarketing companies that are selling over the phone. We are a survey research company, and companies like ours do not fall under these laws when we do our research calls. May I explain the importance of our work and why we're calling you? I understand how the federal law may be confusing, but the federal regulations apply differently to research calls and telemarketing calls. We're not selling anything; we'd just like to include your opinions in our research study. Information about telephone consumer rights can be obtained from : • The Federal Communications Commission o phone: 202-418-0200 o www.fcc.gov. • The Federal Trade Commission o phone: 202-382-4357 o www.ftc.gov.
Why keep calling me?	The reason we call more than once is to explain why it is important that you participate, because you represent thousands in your area that were not selected to do this survey. The reason we keep calling is because it is important in research surveys to contact all types of people – the difficult to reach as well as those that are eager to participate.
Why are you asking me these questions when I **already told you the answers**? (In response to the R volunteering name, boat information, etc. up front).	Suggested response: *I know you might have already provided some information already, however I need to ask the questions in order and want to make sure that I record all of your information accurately. have already given me these answers but I am required to ask all of the questions in order.*
Don't you know all this information about me? Why are you calling me if you don't know about me? (In response to screening questions).	Suggested response: *Your telephone number was randomly selected from a list of all numbers in your state. We have no other information which is why we are asking these questions.*
Why are you doing this? I already **have registered my boat.** I am happy with what I have.	Suggested response: *The information gathered in this survey is going to be used by the US Coast Guard and your State to ensure boating safety in your area.* *We are interested in gathering information from people who do not boat, as well as people who boat regardless if their boats are registered or not.* *The questions in this survey collect information on registered and unregistered boats. Although information regarding registry status helps us with data analysis, it is not used for enforcement.* *Your responses represent those of many people across the state; therefore your participation is very important.*

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