

2022 Annual Summary Report
Marine Recreational Information Program
For-Hire Telephone Survey and Large Pelagics
Telephone Survey Add-on
January – December, 2022

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MRIP For-Hire Telephone Survey Data Collection

2022 Annual Summary Report

2022 Survey Conduct

From January through December of 2022, Maine, New Hampshire, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, and Georgia worked with the Atlantic Coastal Cooperative Statistics Program (ACCSP) to conduct the telephone survey portion of the Marine Recreational Information Program's (MRIP) 2022 For-Hire Survey (FHS) with the Large Pelagics Telephone Survey (LPTS) Add-on. Table 1 summarizes each state's data collection timeline for the FHTS and LPTS Add-on.

Table 1: Atlantic states sampling timelines for the FHTS and LPTS Add-on

State	Wave 1 Jan - Feb	Wave 2 Mar - Apr	Wave 3 May - Jun	Wave 4 Jul - Aug	Wave 5 Sep - Oct	Wave 6 Nov - Dec
Maine			XX	XX	XX	
New Hampshire			XX	XX	XX	
Massachusetts		X	XX	XX	XX	X
Rhode Island		X	XX	XX	XX	X
Connecticut		X	XX	XX	XX	X
New York		X	XX	XX	XX	X
New Jersey		X	XX	XX	XX	X
Delaware		X	XX	XX	XX	X
Maryland		X	XX	XX	XX	X
Virginia		X	XX	XX	XX	X
North Carolina	X	X	X	X	X	X
South Carolina		X	X	X	X	X
Georgia		X	X	X	X	X

*X - FHTS, XX – FHTS & LPTS Add-on. The LPTS Add-on sampling period for states from Maine to Virginia begins with the sample week that includes Jun 1st and ends with the sample week that includes Oct 30th.

The following sections of this report provide a summary of the ACCSP's management activities during the aforementioned time period, an overview of interviewing results, and summaries of issues identified during the year.

INTERVIEW MANAGEMENT ACTIVITIES

Staffing

Each of the Atlantic states and the ACCSP designated staff to conduct the FHTS throughout 2022. All employees working on the For-hire Telephone Survey (FHTS) and LPTS Add-on are required to successfully complete either regional training performed by the ACCSP or an in-house training provided by state lead biologist staff who had attended the annual coast wide ACCSP trainings. The ACCSP hosted an annual training for ME-GA on February 22, 2022. The ACCSP assigns unique interviewer identification codes according to National Oceanic and Atmospheric Administration (NOAA) specifications in addition to coordinating the submission of nondisclosure agreements to NOAA. Table 2 summarizes each state's FHTS (and LPTS Add-on where applicable) interviewers who had actively interviewed during 2022:

Table 2: 2022 Atlantic states FHTS staffing

State	Number of Active Interviewers	State	Number of Active Interviewers
Maine	2	Delaware	4
New Hampshire	7	Maryland	4
Massachusetts	4	Virginia	3
Rhode Island	3	North Carolina	3
Connecticut	3	South Carolina	2
New York	5	Georgia	1
New Jersey	3	TOTAL	44

Evaluation of Interviewers

During 2022, state coordinators and regional leaders performed internal quality control (QC) checks of FHTS interviewers via in-person monitoring of completed surveys. Throughout the year, validated surveys are monitored for each interviewer in order to verify that the required 10% of completed surveys are validated each Wave. Continuing full or partial work-from-home orders related to the spread of SARS-COVID-19 prevented a return to in-person silent monitoring of interviews for most states in 2022. During survey validations, supervisors are also required to record if errors were observed during conduct of the interview. Observed errors may include failures to follow proper survey procedures or simple data entry errors. Massachusetts, Rhode Island, Connecticut, Maryland, and Georgia met the validation target of 10% of completed surveys for each Wave during 2022. Table 3 presents state by state summaries of survey validations and observed errors. ACCSP and states addressed opportunities for more silent monitoring during wave meetings.

Table 3: Survey validation
Total completed surveys, validated surveys, and validated surveys with errors observed

State	Total Completed Surveys	Survey Validated				Errors Observed	
		Yes	%	No	%	Yes	%
ME	260	1	0.4%	259	99.6%	0	0.0%
NH	204	0	0.0%	204	100.0%	-	-
MA	1694	219	12.9%	1475	87.1%	0	0.0%
RI	268	37	13.8%	231	86.2%	0	0.0%
CT	285	99	34.7%	186	65.3%	0	0.0%
NY	667	0	0.0%	667	100.0%	-	-
NJ	819	69	8.4%	750	91.6%	1	1.4%
DE	104	0	0.0%	104	100.0%	-	-
MD	408	67	16.4%	341	83.6%	0	0.0%
VA	337	0	0.0%	337	100.0%	-	-
NC	2268	0	0.0%	2268	100.0%	-	-
SC	1422	46	3.2%	1376	96.8%	0	0.0%
GA	663	76	11.5%	587	88.5%	1	1.3%

FHS Vessel Directory

An online directory of for-hire vessels, managed and maintained by NOAA fisheries, provides the sample frame for collecting for-hire effort data. Vessel records must contain sufficient data to be approved for FHS sampling purposes. Incomplete vessel records include those with missing vessel names and/or numbers (e.g., state registration or U.S. Coast Guard documentation number), those with no primary contact, those with no primary phone number, those with no valid access site, or those with no active periods during the year. Vessels that are inactive for the entire Wave are not sampled and are thus not considered a part of the sample frame for that Wave. Vessels with approved status that are active in at least one month of the Wave are included in the sample frame or Good List for that Wave. A total of 23,062 vessels were included in the Good Lists for all Waves in 2022. Table 4 displays the number of vessels included in the Good Lists across all Waves and presents each state's proportion of the coast wide total number of vessels included in the Good List.

**Table 4: 2022 annual Good List vessel totals
for all Waves during each state’s FHTS sampling period and percentage of total vessels in the Good List**

State	Good List Vessels	Annual Percentage of Total
Maine	562	2.4%
New Hampshire	332	1.4%
Massachusetts	3819	16.6%
Rhode Island	724	3.1%
Connecticut	470	2.0%
New York	2112	9.2%
New Jersey	2436	10.6%
Delaware	412	1.8%
Maryland	2813	12.2%
Virginia	645	2.8%
North Carolina	5057	21.9%
South Carolina	2716	11.8%
Georgia	964	4.2%
Total	23062	100.0%

Revising the Online Vessel Directory

States conducting the FHTS provide vessel directory updates directly into the online vessel directory each Wave in order to produce up-to-date vessel information. More specifically, these changes include important information such as vessel specifics, access sites, contact specifics, and registrations.

Vessel directory updates recorded during FHTS interviews are logged as pending updates within the FHTS Computer Assisted Telephone Interviewing (CATI) system. These pending updates must then be manually made in NOAA’s online vessel directory before they can be marked as ‘Complete’ in the CATI system. Table 5 displays the number of vessel directory updates completed by each state across all Waves in 2022.

Table 5: 2022 Atlantic states vessel directory updates

State	Number of Directory Updates	State	Number of Directory Updates
Maine	65	Delaware	87
New Hampshire	56	Maryland	110
Massachusetts	732	Virginia	101
Rhode Island	139	North Carolina	602
Connecticut	1	South Carolina	155
New York	267	Georgia	61
New Jersey	358	TOTAL	2734

Distributing the Sample Frame and Tracking Dialing Results

The FHTS sample frame is created for each state at the beginning of each Wave using the updated list of vessels with approved status that are listed as active in at least one month of the Wave. The ACCSP performs the FHTS draw with SAS programs provided by NOAA Fisheries, which generates the sample frame and weekly samples of vessels to be called each week within the Wave. Sample sizes of vessels to be called each week represent 10% of each boat type (charter and headboat) included in the sample frame with a minimum of three vessels per week. A total of 21,322 vessels were drawn to be contacted during 2022. Table 6 summarizes each state's drawn vessels for the year and presents each state's proportion of the coast wide total number of vessels to be contacted:

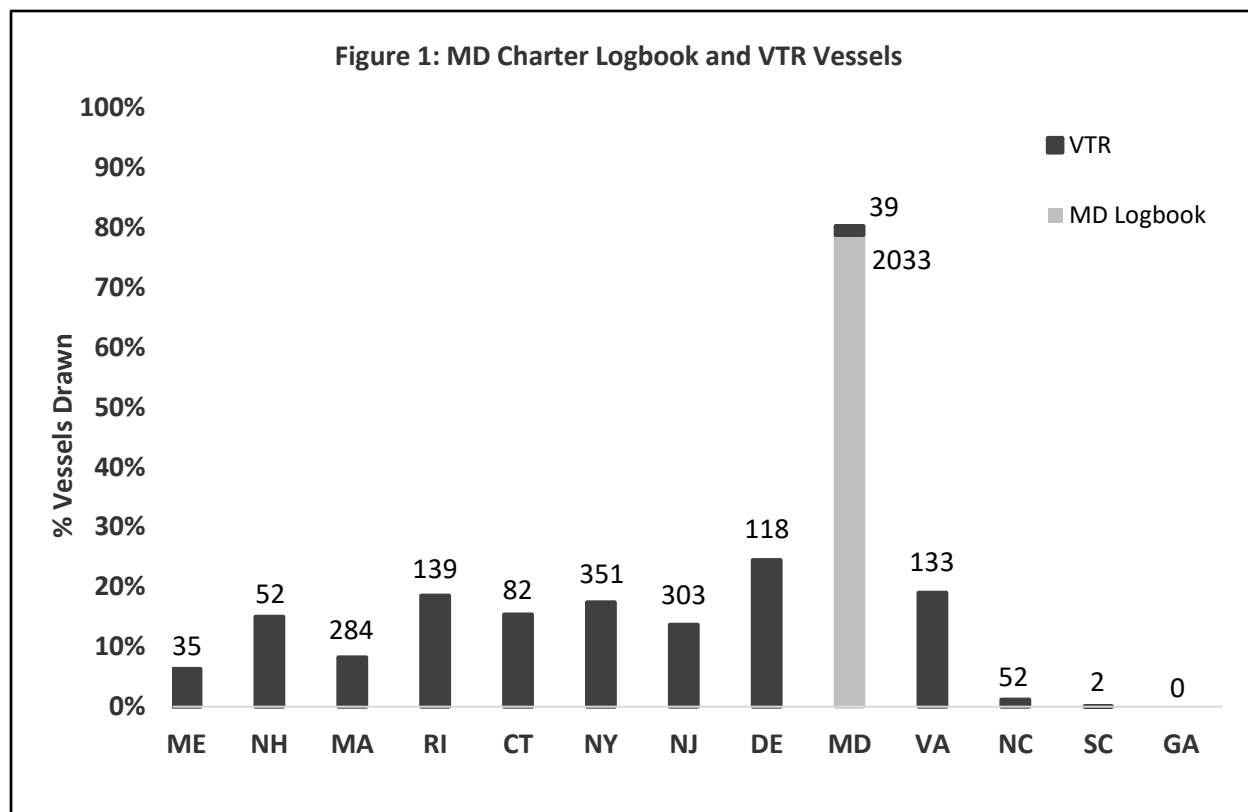
Table 6: 2022 annual vessels drawn for FHTS sampling and percentages of total vessels drawn

State	Vessels Drawn in Year	Annual Percentage of Total
Maine	553	2.6%
New Hampshire	346	1.6%
Massachusetts	3443	16.1%
Rhode Island	749	3.5%
Connecticut	532	2.5%
New York	2012	9.4%
New Jersey	2211	10.4%
Delaware	482	2.3%
Maryland	2582	12.1%
Virginia	700	3.3%
North Carolina	4433	20.8%
South Carolina	2408	11.3%
Georgia	871	4.1%
Total	21322	100.0%

Dialing results for each state were tracked on a weekly basis throughout the year. State coordinators are responsible for interviewers completing calls for all vessels in the call list each week. Weekly sampling is considered complete when contact has been made or the minimum number of 7 calls has been attempted for all vessel representatives included in the call list. For all dialing weeks in 2022, there were 4 vessels in Maine, 6 vessels in New Hampshire, 5 vessels in Rhode Island, 1 vessel in New York, 10 vessels in Delaware, 1 vessel in Maryland, 2 vessels in Virginia, and 44 vessels in South Carolina that were not contacted for which the minimum number of 7 contact attempts was not reached during the weekly dialing period. In South Carolina, 21 of the 44 vessels that did not receive 7 contact attempts during their respective dialing weeks were due to suspended call efforts in Week 38

related to storm impacts from Hurricane Ian. The ACCSP continued sending the automated weekly email reminder to remind FHTS staff to complete all call attempts before the end of each dialing week (Sunday at 8:00 P.M.). These messages are delivered on Sundays at 1:00 P.M. to state coordinators and FHTS interviewers in states with vessels remaining in their call lists at the end of each week.

In place of reporting fishing activity via FHTS phone calls, federal for-hire vessel representatives of Greater Atlantic Regional Fisheries Office (GARFO)-permitted vessels are required to submit a vessel trip report (VTR) for each fishing trip. Similarly, Maryland for-hire vessel representatives registered with a Maryland Chesapeake Bay & Coastal Fishing Boat Decal report fishing activity outside of the FHTS. For-hire vessels that reported fishing activity via federal VTR or MD Charter Decal vessels that reported to the Maryland Charter Logbook program were automatically removed from the weekly call lists and are excluded from subsequent vessel draw totals presented in figures/tables summarizing vessel response rates and contact results. Of the 21,322 total vessels drawn, 3,623 were not sampled via FHTS phone calls. Figure 1 presents the total number and percentage of drawn MD Charter Decal/federal VTR logbook vessels removed from the FHTS vessel draw for each state for the year.



Vessel representatives that report fishing activity via the FHTS and were successfully contacted on the telephone are considered respondents. Of the remaining 17,699 vessels drawn to be contacted,

12,315 were successfully contacted and reported during 2022. Annual reporting rates ranged from 46% in Delaware to 86% in Georgia with a combined reporting rate of 70% for all states. Respondents are further categorized by contact status depending on the vessel's current fishing activity and/or participation in for-hire fishing. Respondents that are currently participating in for-hire fishing are considered active and completed the FHTS questionnaire over the telephone with the interviewer.

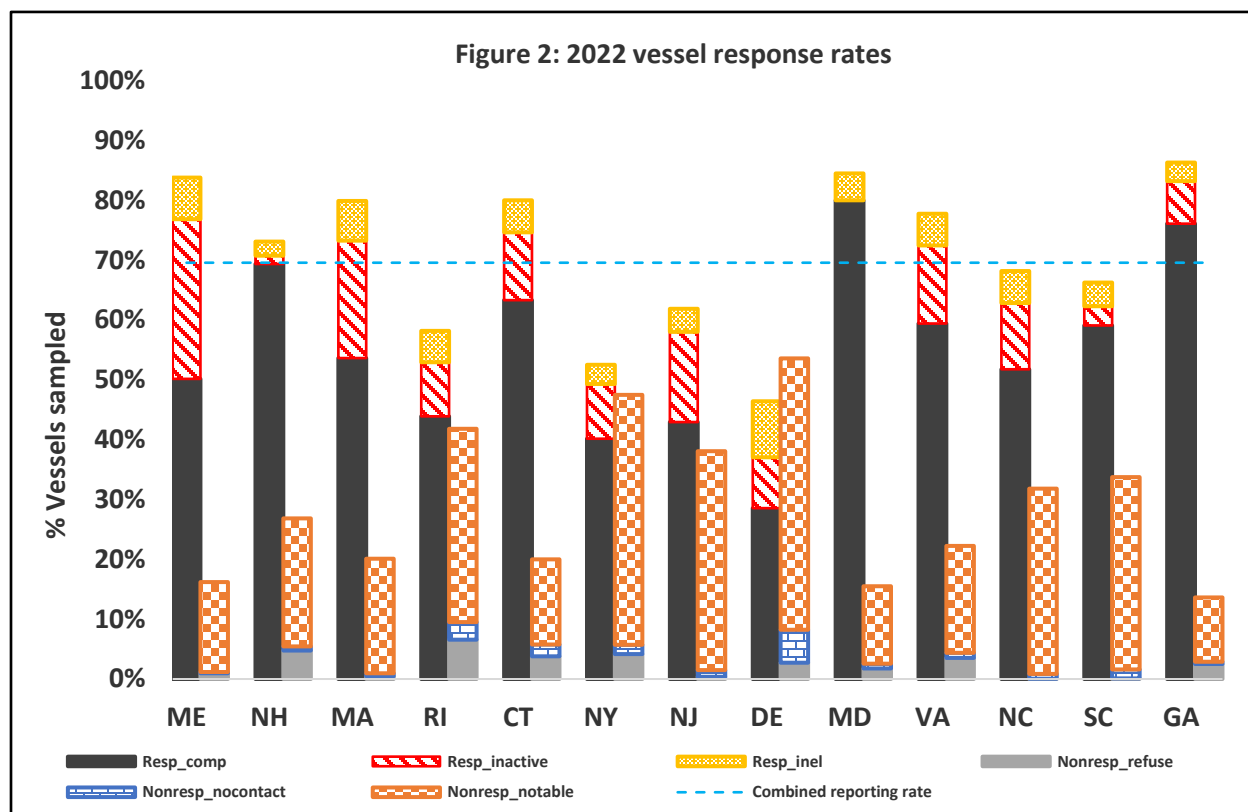
Of the 12,315 vessels that were successfully contacted and reported during 2022, 9,399 (76.3%) were actively participating in for-hire fishing and completed the FHTS questionnaire. Of the 9,399 active eligible vessels, 3,718 (39.6%) reported one or more recreational saltwater fishing trips during their sampling week while 5,681 reported no trips. There were 11,150 total recreational saltwater fishing trips reported for all states during 2022 with 9,721 for-hire trips and 1,429 private trips. For-hire trip totals ranged from 43 trips in Delaware to 2,018 trips in North Carolina.

Vessels are considered inactive if the vessel representative indicates that their vessel is currently not actively participating in for-hire fishing but remains a member of the for-hire fleet. Vessels may be inactive due to repairs, or seasonal activity in their state. If a vessel representative reports that their vessel never participates in for-hire fishing, then the vessel is considered ineligible for the FHTS. Vessel representative responses resulting in ineligibility for the FHTS include the vessel no longer operating for-hire, the vessel was sold, there is a new vessel representative, or that the vessel representative is deceased.

Vessel representatives that do not report (those who could not be contacted on the telephone) are considered non-respondents. Vessel representatives that are unavailable for various reasons or simply never answer their phone are coded as "Not able to Contact". Occasionally, contact with a vessel representative is not possible due to a disconnected or incorrect telephone number. When a vessel representative's telephone number is a wrong number, bad number, or attempts to dial a fax/computer system and there are no alternate phone numbers listed in the vessel directory the non-respondent is coded as "No Contact Possible". Vessel representatives that refuse to participate in the FHTS do not complete a telephone interview and are removed from the call list for the dialing week and from any future sample weeks within the Wave.

Figure 2 presents the annual percentages of vessels that completed the FHTS questionnaire (Resp_comp), were inactive (Resp_inactive), were ineligible for the survey (Resp_inel), refused to complete the survey (Nonresp_refuse), were not contacted and no contact was possible (Nonresp_nocontact), were not able to contacted (Nonresp_notable) by interviewers during the dialing

week. Figure 2 also displays the combined reporting rate (i.e. total percentage of vessels that responded to the survey) for all states during 2022.



A significant decrease in the proportion of respondents was observed in Delaware starting in 2021. The ACCSP continued to work with Delaware FHTS staff to identify potential sources of this decrease and develop strategies (e.g. additional outreach to for-hire vessel representatives, modifying call schedules, and development of educational materials explaining the purpose of the survey) for increasing reporting rates in future years. The annual reporting rate for Delaware increased from 32% for 2021 to 46% in 2022.

Each of the contact status categories discussed above is associated with one or more call dispositions. A call disposition is coded for each contact attempt made to a vessel representative and summarizes the outcome of the call. The number and percentages of respondents (active, inactive and ineligible), non-respondents that interviewers were unable to contact and when no contact was possible, and refusals for each state are summarized by final call disposition for all vessels sampled during 2022 in Table 12.

LPTS Add-on Data Collection

The LPTS Add-on was conducted in conjunction with the FHTS as an additional set of questions (see Appendix A: FHTS with LPTS Add-on Questionnaire on p. 29) included with the FHTS CATI questionnaire in the Northeast Region (Maine through Virginia) from late May (survey week that includes June 1st) through October (survey week that includes October 30th). The FHTS CATI system integrates the LPTS Add-on as part of the standard FHTS questionnaire during the LPTS sampling period. The dates of each survey week in the LPTS Add-on sampling period are displayed in Table 7.

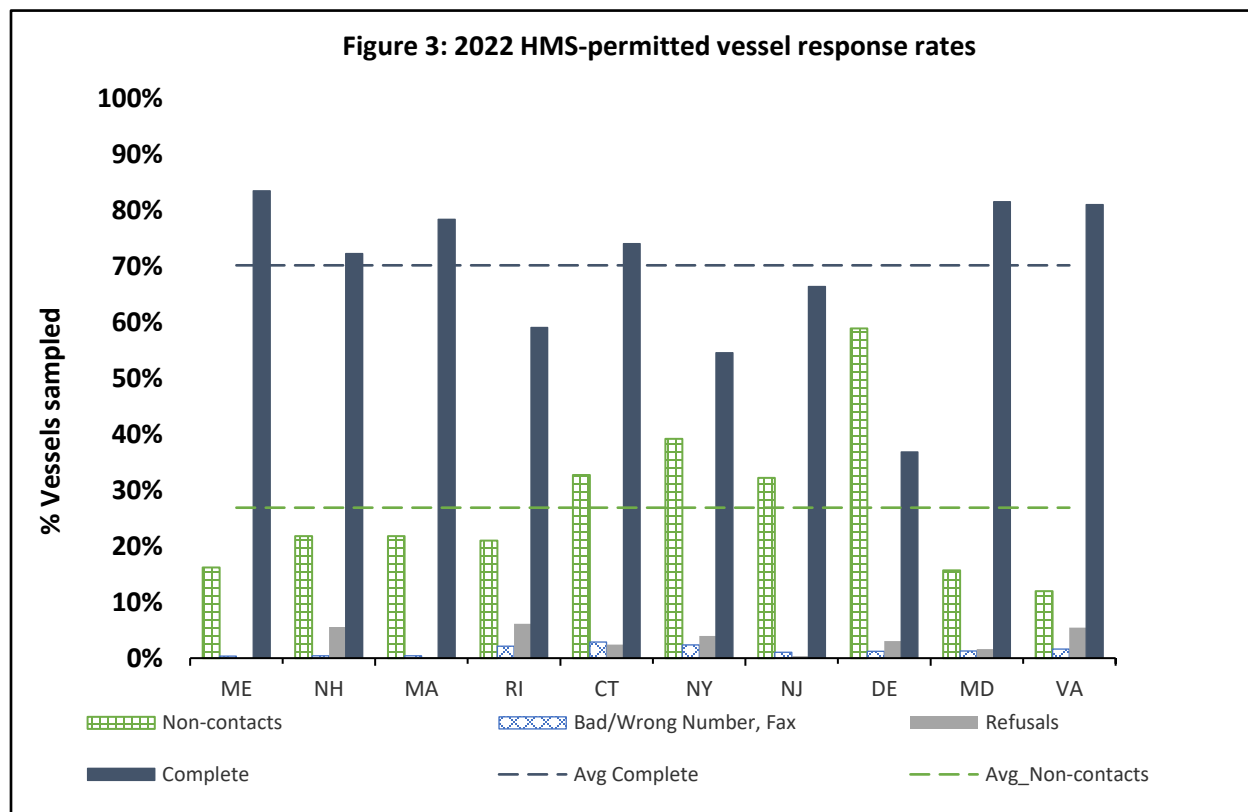
Table 7: 2022 LPTS Add-on reporting weeks

Wave	Reporting Week	Dates
3	22	May 30 - Jun 5
	23	Jun 6 - Jun 12
	24	Jun 13 - Jun 19
	25	Jun 20 - Jun 26
	26	Jun 27 - Jul 3
4	27	Jul 4 - Jul 10
	28	Jul 11 - Jul 17
	29	Jul 18 - Jul 24
	30	Jul 25 - Jul 31
	31	Aug 1 - Aug 7
	32	Aug 8 - Aug 14
	33	Aug 15 - Aug 21
	34	Aug 22 - Aug 28
5	35	Aug 29 - Sep 4
	36	Sep 5 - Sep 11
	37	Sep 12 - Sep 18
	38	Sep 19 - Sep 25
	39	Sep 26 - Oct 2
	40	Oct 3 - Oct 9
	41	Oct 10 - Oct 16
	42	Oct 17 - Oct 23
	43	Oct 24 - Oct 30

During conduct of the LPTS Add-on, interviewers screen all vessels included in the FHTS sample frame that are listed as having a Charter/Headboat category HMS permit in the online vessel directory to confirm the vessel holds a current HMS permit. Completion of the LPTS Add-on is required for all vessels holding a Charter/Headboat HMS permit that took trips targeting large pelagic species (LPS) during the sample week. There were 5,342 HMS-permitted vessels included in the FHTS sample frames from Wave 3-5 during 2022, which included 5,068 charter boats and 274 headboats. Table 13 summarizes the subset of HMS-permitted vessels included in the FHTS sample frame (17,699 total

vessels drawn to be contacted) by boat type for the LPTS Add-on sampling weeks (Survey Weeks 22-43) in Waves 3-5, 2022.

Interviewers are required to follow the same dialing procedures used for the standard FHTS when conducting the LPTS Add-on. Dialing results for HMS-permitted vessels contacted to complete the LPTS Add-on are tracked and summarized using the same methods as vessels that report fishing activity via the standard FHTS (see *Distributing the Sample Frame and Tracking Dialing Results* section on p.5). Table 14 displays the number and percentages of respondents (active, inactive, ineligible) and non-respondents (unable to contact, no contact possible, refusals) for all HMS-permitted vessels sampled during 2022 (Weeks 22-43) by final call disposition for each state. Vessels that were actively fishing and completed the survey are further categorized by reported fishing activity (LPS trips, no LPS trips, no fishing trips). Figure 3 presents the percentages of respondents (complete), non-respondents that were not contacted (non-contacts), non-respondents where no contact was possible (bad/wrong number, fax) and refusals by contact status for each state over the entire LPTS Add-on sampling period.



Trips Targeting LPS and LPS Catch

Overall, 3,148 HMS-permitted vessels were successfully contacted and completed interviews during the 2022 LPTS Add-on sampling period. During these 3,148 interviews, interviewers detailed

1,058 fishing trips targeting LPS using the LPTS Add-on questionnaire giving an average of 0.34 LPS trips per interview. Table 15 presents the average number of fishing trips targeting LPS per completed interview by state for all LPTS Add-on survey weeks during Waves 3-5, 2022. Of the 3,148 vessels that completed the LPTS Add-on, 1,698 vessels reported no fishing trips, 804 vessels reported fishing trips that were not targeting LPS, and 646 vessels reported LPS trips during their respective sample weeks. Table 16 summarizes the number and percent of HMS-permitted vessels that reported catch during their sample week during 2022. This table does not present the total numbers of trips where catch was reported, rather, the number of vessels that reported catch for at least one trip during a given sample week. Of the 646 vessels that reported LPS trips during 2022, 453 reported catch and 193 reported no catch during the sample week.

Average Interview Length and Call Times for HMS-permitted vessels

The average duration of telephone calls specific to HMS-permitted vessels was also tracked throughout 2022 in order to identify potential problems with data collection. Interviewers should follow the same procedure outlined for the FHTS by asking the survey questions as scripted in the CATI system and limiting social conversations when conducting the LPTS Add-on. During the LPTS sampling period, interviewers must also inform vessel representatives holding current HMS permits of their reporting requirements using a modified privacy act statement read at the start of each interview. This statement addresses these requirements while also affirming the confidentiality of survey responses. Table 8 summarizes each state's average duration (in minutes) of telephone calls for all respondents by contact result in 2022. Completed surveys include those when respondents reported zero trips and one or more trips.

Table 8: Average interview length (minutes) for LPTS Add-on respondents by contact result

State	Completed Survey	Inactive	Ineligible
ME	7.84	1.74	3.95
NH	9.12	1.38	1.06
MA	5.87	1.59	1.24
RI	3.78	1.71	0.98
CT	4.13	1.35	1.26
NY	4.10	2.35	2.3
NJ	3.95	1.61	1.01
DE	5.36	2.24	1.75
MD	6.42	-	3.72
VA	5.81	2.05	1.44
Average	5.41	1.70	1.68

In addition to tracking call duration, the times when telephone calls were made are recorded in the CATI system as interviewers log call dispositions or complete surveys. In general, all telephone calls for the FHTS and LPTS Add-on should be made between the hours of 9:00AM – 8:00PM each day. Calls outside of these times should only be made at the request of a vessel representative. Table 9 summarizes the earliest and latest call attempts made to HMS-permitted vessel representatives during the LPTS sampling period in 2022.

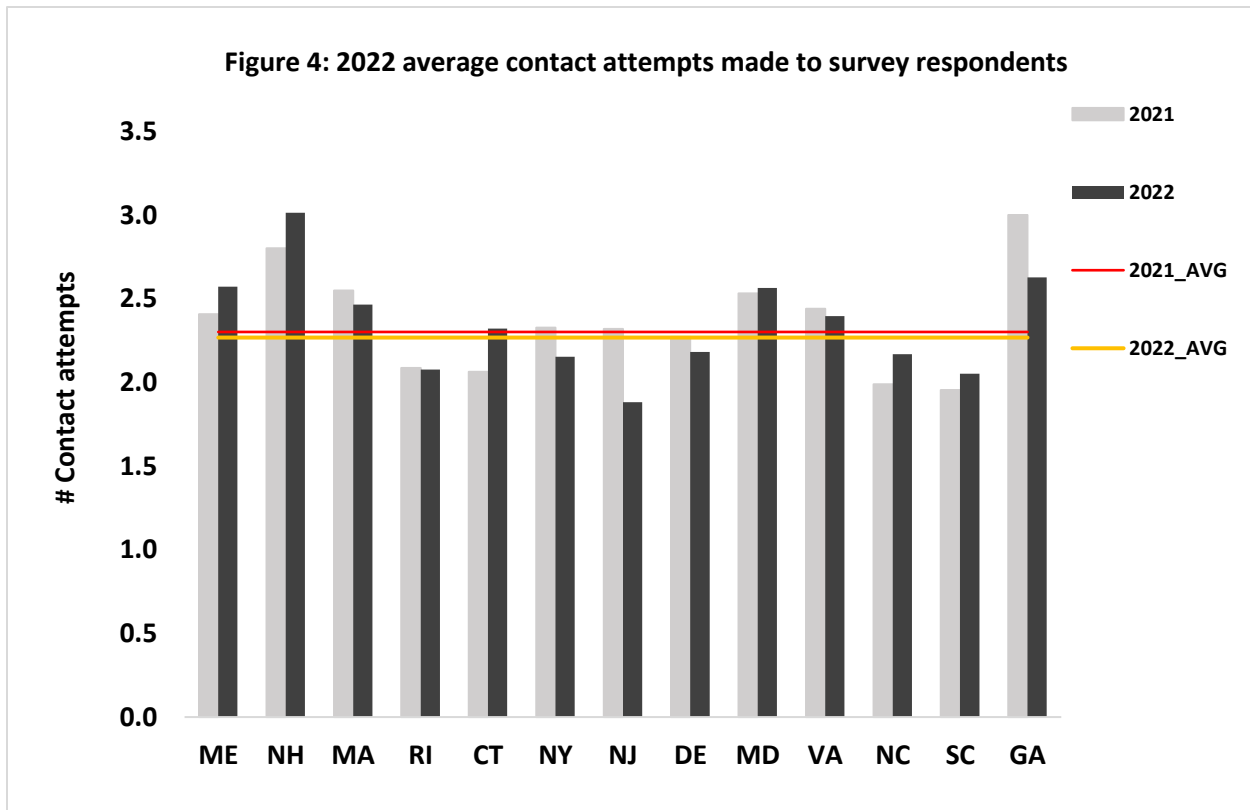
Table 9: Earliest and latest call times to HMS-permitted vessels

State	Earliest Call Time	Latest Call Time
ME	4:29 AM	8:39 PM
NH	7:54 AM	8:54 PM
MA	4:37 AM	9:06 PM
RI	8:33 AM	9:32 PM
CT	8:20 AM	7:34 PM
NY	9:06 AM	6:43 PM
NJ	7:28 AM	6:44 PM
DE	8:31 AM	8:03 PM
MD	9:08 AM	7:34 PM
VA	9:04 AM	8:28 PM

The earliest call attempt made by Maine FHTS staff was a completed survey logged at 4:29am during Wave 5. The call was made outside of normal dialing hours at the request of the vessel representative.

Average Number of Attempts to Contact Respondents

Call burden is an important factor contributing to cooperation and responsiveness of for-hire vessel representatives to the FHTS. The number of phone call attempts required to make contact with survey respondents provides a measure of survey cooperation. In general, the number of contact attempts made to contact survey respondents tracked changes in fishing activity (the number of completed surveys where fishing trips were reported as well as the total numbers of recreational saltwater fishing trips reported) across Waves with increases in fishing activity resulting in higher numbers of contact attempts made to vessel representatives that completed the survey. An observed decrease in the number of call attempts made to contact survey respondents over time can serve as an indicator of improved survey awareness on the part of for-hire operators and the establishment of rapport between interviewers and their state's vessel representatives. In 2022, the average number of contact attempts made to contact survey respondents each Wave was compared to the corresponding Wave from the previous year. The average number of contact attempts made to survey respondents in each Wave during 2022 was less than or equal to the corresponding 2021 Wave for all Waves except Wave 6, which displayed a slight increase (2.0 to 2.1 attempts from 2021 to 2022, respectively). During 2022, Atlantic states made 62,971 total contact attempts to the 17,699 vessels included in the sample frame. The coast wide average number of contact attempts made to vessel representatives that completed the survey was highest for Wave 4 at 2.4 attempts and lowest for Wave 1 at 2.0 attempts. Figure 4 compares each state's average number of contact attempts made to survey respondents that completed the FHTS questionnaire between 2021 and 2022 while also displaying coast wide average numbers of contact attempts between the two years.



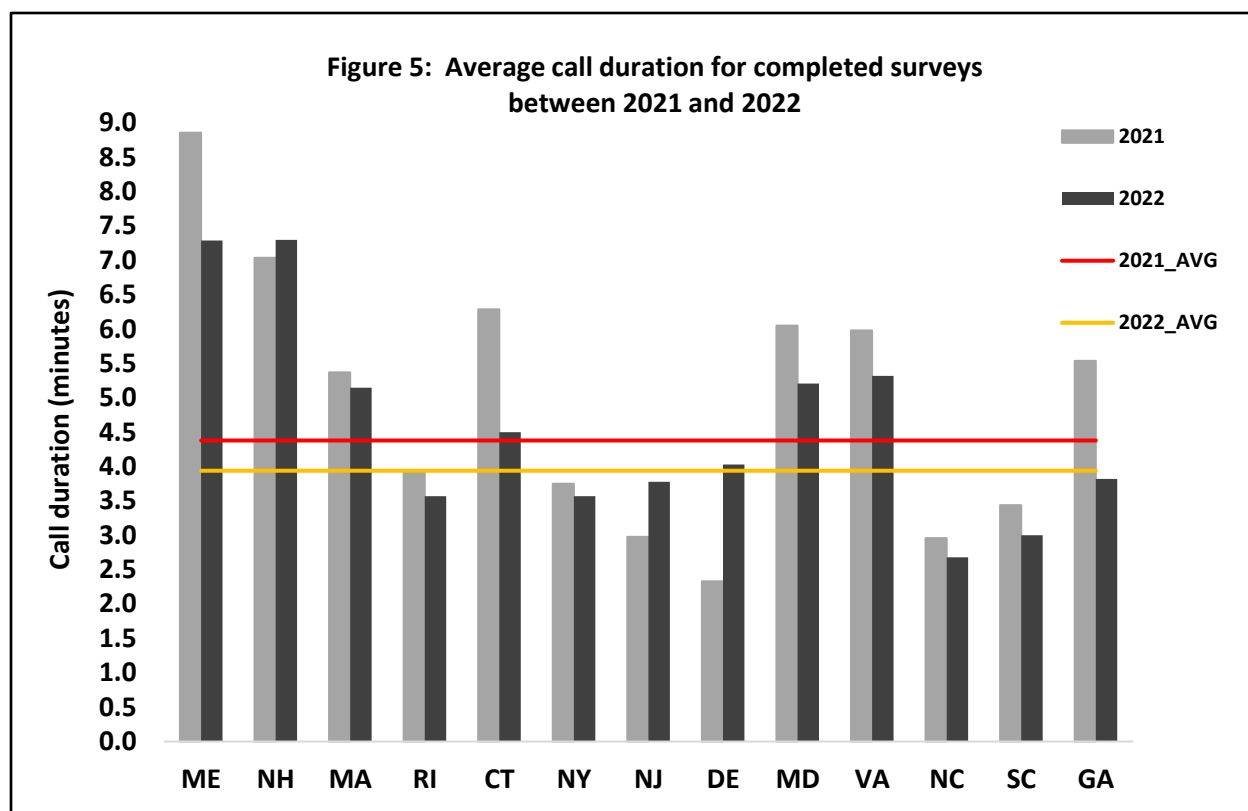
The coast wide average number of contact attempts made to vessel representatives that completed the FHTS questionnaire remained the same at 2.3 attempts on an annual basis. A full summary of average contact attempts made to all survey respondents and refusals in 2022 is displayed by contact result in Table 10.

Table 10: Average number of contact attempts made to all vessels by contact result

State	Respondents			Non-Respondents
	Completed survey	Inactive	Ineligible	Refusals
ME	2.6	1.9	1.9	1.0
NH	3.0	1.8	6.6	1.4
MA	2.5	2.1	1.9	2.3
RI	2.1	1.5	1.8	1.3
CT	2.3	1.6	1.5	1.7
NY	2.2	1.5	2.3	1.2
NJ	1.9	1.4	1.6	1.4
DE	2.2	2.4	1.5	1.5
MD	2.6	-	2.3	1.7
VA	2.4	1.9	1.5	1.3
NC	2.2	1.8	1.7	1.7
SC	2.1	1.5	1.6	2.7
GA	2.6	1.4	2.1	1.9
Average	2.3	1.8	1.8	1.5

Average Interview Length

The average duration of telephone calls is monitored throughout each Wave in order to identify potential problems with data collection. When conducting interviews, interviewers should generally ask the survey questions as scripted in the CATI system and make efforts to limit social conversations with respondents. These practices help ensure accurate data collection, timely completion of interviews, and the building of professional working relationships with for-hire vessel representatives. Figure 5 compares each state's average duration (in minutes) of telephone calls resulting in completed surveys between 2021 and 2022 while also comparing the coast wide average duration between the two years. Completed surveys include those when respondents reported zero trips and one or more trips.



During 2022, the average call duration for telephone calls resulting in completed surveys peaked in Wave 4 at 5.1 minutes and was lowest in Wave 1 at 1.7 minutes. Similar to average number of contact attempts, changes in average call duration followed changes in completed surveys where fishing trips were reported and the total numbers of recreational saltwater fishing trips reported with increased fishing activity resulting in longer call durations. In 2022, average call durations each Wave were compared to the corresponding Wave from 2021 to determine if increased experience of interviewers using the FHTS CATI results in shorter call durations. The average call duration for completed surveys was shorter in all Waves during 2022 when compared to 2021. Table 11 summarizes each state's average duration (in minutes) of telephone calls and presents a combined coast wide average duration for all respondents by contact result in 2022.

Table 11: Average interview length (minutes) for survey respondents by contact result

State	Complete w/ Trips	Complete w/o Trips	Inactive	Ineligible
ME	10.4	2.6	2.3	2.4
NH	12.3	2.5	1.9	4.0
MA	7.8	2.6	2.0	1.5
RI	6.8	1.7	1.4	1.2
CT	7.4	2.3	1.5	2.0
NY	6.8	2.0	1.7	2.4
NJ	6.5	1.7	1.3	1.3
DE	11.6	2.6	1.9	2.3
MD	11.8	2.8	-	3.1
VA	9.3	2.6	1.6	2.1
NC	5.8	1.4	1.6	1.4
SC	4.8	1.3	1.7	1.6
GA	8.3	1.3	1.2	0.7
Average	7.1	1.9	1.7	1.7

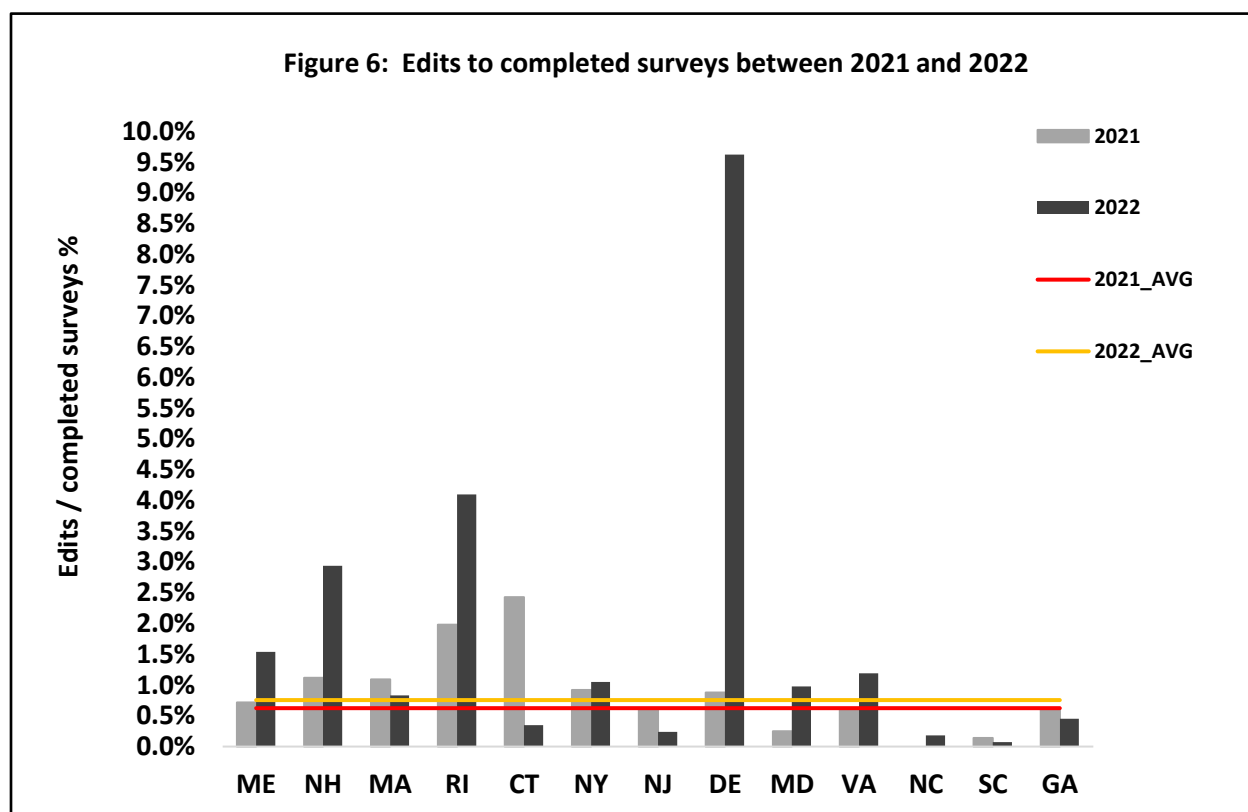
Data Revision and Error Correction

Data revisions and error corrections begin when state interviewers perform initial error corrections during interviews. Most data items in the survey questionnaire have limited selection lists and built-in logic checks. Also, all survey questions in a given section of the questionnaire (e.g., introduction, logbook, and follow-up) must be completed with no logic errors present before the interviewer can advance to the next section of the questionnaire. As call attempts and surveys are completed throughout the month/Wave, state and/or regional coordinators can view the raw data within the Validations and Completed Survey sections of the FHTS Selection portion of the ACCSP's Assignment Tracking Application (ATA).

The Validations page provides a real-time view of all completed call attempts within each state. This interactive table allows state coordinators to track call attempts by interviewer, call start date, and call disposition. If an interviewer identifies an issue with a call attempt to a given vessel representative, the state coordinator can search for the specific logged call and send a change request message to the ACCSP. For example, if an incorrect call disposition was logged resulting in the removal of a vessel from the call list for the week, the specific call attempt can be identified for correction to the ACCSP so that the vessel can be added back to the call list and dialing completed for the week. The Completed Survey page provides a real-time view of all data items for completed surveys. State coordinators regularly

review survey responses and can send data change requests to the ACCSP throughout each Wave. This page is also used to review possible data errors identified by the ACCSP.

The ACCSP runs several data check programs through statistical analytic software (SAS) to identify and correct data discrepancies arising from data collection. In 2022, the ACCSP ran these error checks on 9,399 completed surveys and edited data discrepancies with the cooperation of state coordinators and interviewers. In total, 71 edits were communicated to participating Atlantic states throughout 2022. Figure 6 displays each state's proportion of data edits to all completed surveys while also displaying the average for the coast.



Delaware's edit rate was elevated in 2022 as vessels that did not receive 7 call attempts during their respective dialing weeks are communicated as data edits by the ACCSP. The relatively low number of completed surveys throughout the year in DE created a relatively high ratio of edits to completed surveys.

Preparing and Delivering Data

The ACCSP has continued to refine SAS error check programs designed to identify and correct data discrepancies arising from data collection. Once finished with preliminary data editing each wave,

the ACCSP ran several data check programs through SAS in order to fix all possible problems prior to submission to NOAA Fisheries. Once clean data was obtained, data sets were delivered to NOAA Fisheries in ASCII and SAS formats each month. The ACCSP completed on time delivery of Wave 1 data on March 17, Wave 2 data on May 17, Wave 3 data on July 18, Wave 4 data on September 16, Wave 5 data on November 17, and Wave 6 data on January 17 (2023).

Table 12: Contact results by final call disposition

Maine	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	260	260	50.2%
Inactive	0	0	0	0	0	0	0	0	0	0	138	138	26.6%
Ineligible	0	0	0	0	0	0	0	0	0	36	0	36	6.9%
Refusal	0	0	0	0	0	0	0	0	5	0	0	5	1.0%
Not able to contact	59	0	0	7	3	5	4	0	0	0	0	78	15.1%
No contact possible	0	0	0	0	0	0	0	1	0	0	0	1	0.2%
Total	59	0	0	7	3	5	4	1	5	36	398	518	100.0%

New Hampshire	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	204	204	69.4%
Inactive	0	0	0	0	0	0	0	0	0	0	4	4	1.4%
Ineligible	0	0	0	0	0	0	0	0	0	7	0	7	2.4%
Refusal	0	0	0	0	0	0	0	0	14	0	0	14	4.8%
Not able to contact	26	0	0	33	0	1	3	0	0	0	0	63	21.4%
No contact possible	0	0	0	0	0	0	0	2	0	0	0	2	0.7%
Total	26	0	0	33	0	1	3	2	14	7	208	294	100.0%

Table 12: Contact results by final call disposition

Massachusetts	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	1694	1694	53.6%
Inactive	0	0	0	0	0	0	0	0	0	0	621	621	19.7%
Ineligible	0	0	0	0	0	0	0	0	0	209	0	209	6.6%
Refusal	0	0	0	0	0	0	0	0	15	0	0	15	0.5%
Not able to contact	575	1	0	16	5	5	3	0	0	0	0	605	19.2%
No contact possible	0	0	0	0	0	0	0	15	0	0	0	15	0.5%
Total	575	1	0	16	5	5	3	15	15	209	2315	3159	100.0%

Rhode Island	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	268	268	43.9%
Inactive	0	0	0	0	0	0	0	0	0	0	55	55	9.0%
Ineligible	0	0	0	0	0	0	0	0	0	32	0	32	5.2%
Refusal	0	0	0	0	0	0	0	0	40	0	0	40	6.6%
Not able to contact	125	3	0	24	0	45	0	0	0	0	0	197	32.3%
No contact possible	0	0	0	0	0	0	0	18	0	0	0	18	3.0%
Total	125	3	0	24	0	45	0	18	40	32	323	610	100.0%

Table 12: Contact results by final call disposition

Connecticut	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	285	285	63.3%
Inactive	0	0	0	0	0	0	0	0	0	0	51	51	11.3%
Ineligible	0	0	0	0	0	0	0	0	0	24	0	24	5.3%
Refusal	0	0	0	0	0	0	0	0	17	0	0	17	3.8%
Not able to contact	51	0	0	3	2	4	4	0	0	0	0	64	14.2%
No contact possible	0	0	0	0	0	0	0	9	0	0	0	9	2.0%
Total	51	0	0	3	2	4	4	9	17	24	336	450	100.0%

New York	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	667	667	40.2%
Inactive	0	0	0	0	0	0	0	0	0	0	152	152	9.2%
Ineligible	0	0	0	0	0	0	0	0	0	53	0	53	3.2%
Refusal	0	0	0	0	0	0	0	0	69	0	0	69	4.2%
Not able to contact	4	0	0	565	6	117	2	0	0	0	0	694	41.8%
No contact possible	0	0	0	0	0	0	0	26	0	0	0	26	1.6%
Total	4	0	0	565	6	117	2	26	69	53	819	1661	100.0%

Table 12: Contact results by final call disposition

New Jersey	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	819	819	42.9%
Inactive	0	0	0	0	0	0	0	0	0	0	288	288	15.1%
Ineligible	0	0	0	0	0	0	0	0	0	74	0	74	3.9%
Refusal	0	0	0	0	0	0	0	0	7	0	0	7	0.4%
Not able to contact	620	0	1	22	1	42	12	0	0	0	0	698	36.6%
No contact possible	0	0	0	0	0	0	0	22	0	0	0	22	1.2%
Total	620	0	1	22	1	42	12	22	7	74	1107	1908	100.0%

Delaware	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	104	104	28.6%
Inactive	0	0	0	0	0	0	0	0	0	0	31	31	8.5%
Ineligible	0	0	0	0	0	0	0	0	0	34	0	34	9.3%
Refusal	0	0	0	0	0	0	0	0	10	0	0	10	2.7%
Not able to contact	151	0	0	3	1	5	5	0	0	0	0	165	45.3%
No contact possible	0	0	0	0	0	0	0	20	0	0	0	20	5.5%
Total	151	0	0	3	1	5	5	20	10	34	135	364	100.0%

Table 12: Contact results by final call disposition

Maryland	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	408	408	79.5%
Inactive	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Ineligible	0	0	0	0	0	0	0	0	0	23	0	23	4.5%
Refusal	0	0	0	0	0	0	0	0	12	0	0	12	2.3%
Not able to contact	50	0	0	7	0	6	3	0	0	0	0	66	12.9%
No contact possible	0	0	0	0	0	0	0	4	0	0	0	4	0.8%
Total	50	0	0	7	0	6	3	4	12	23	408	513	100.0%

Virginia	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	337	337	59.4%
Inactive	0	0	0	0	0	0	0	0	0	0	74	74	13.1%
Ineligible	0	0	0	0	0	0	0	0	0	30	0	30	5.3%
Refusal	0	0	0	0	0	0	0	0	20	0	0	20	3.5%
Not able to contact	94	1	0	2	0	3	1	0	0	0	0	101	17.8%
No contact possible	0	0	0	0	0	0	0	5	0	0	0	5	0.9%
Total	94	1	0	2	0	3	1	5	20	30	411	567	100.0%

Table 12: Contact results by final call disposition

North Carolina	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	2268	2268	51.8%
Inactive	0	0	0	0	0	0	0	0	0	0	485	485	11.1%
Ineligible	0	0	0	0	0	0	0	0	0	234	0	234	5.3%
Refusal	0	0	0	0	0	0	0	0	3	0	0	3	0.1%
Not able to contact	1224	4	0	41	5	74	8	0	0	0	0	1356	31.0%
No contact possible	0	0	0	0	0	0	0	35	0	0	0	35	0.8%
Total	1224	4	0	41	5	74	8	35	3	234	2753	4381	100.0%

South Carolina	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	1422	1422	59.1%
Inactive	0	0	0	0	0	0	0	0	0	0	77	77	3.2%
Ineligible	0	0	0	0	0	0	0	0	0	95	0	95	3.9%
Refusal	0	0	0	0	0	0	0	0	3	0	0	3	0.1%
Not able to contact	750	0	0	5	0	19	0	0	0	0	0	774	32.2%
No contact possible	0	0	0	0	0	0	0	35	0	0	0	35	1.5%
Total	750	0	0	5	0	19	0	35	3	95	1499	2406	100.0%

Table 12: Contact results by final call disposition

Georgia	Call Disposition												
Status	Answering machine	Line busy	Language barrier	No answer	Not available	Unavailable for the Week	Incomplete	Bad number/ Wrong number/ Fax/computer	Refusals	Ineligible	Successful Contact	Total	%
Completed survey	0	0	0	0	0	0	0	0	0	0	663	663	76.1%
Inactive	0	0	0	0	0	0	0	0	0	0	62	62	7.1%
Ineligible	0	0	0	0	0	0	0	0	0	27	0	27	3.1%
Refusal	0	0	0	0	0	0	0	0	22	0	0	22	2.5%
Not able to contact	79	0	0	0	1	13	1	0	0	0	0	94	10.8%
No contact possible	0	0	0	0	0	0	0	3	0	0	0	3	0.3%
Total	79	0	0	0	1	13	1	3	22	27	725	871	100.0%

Table 13: HMS-permitted vessels included in the FHTS sample frame (survey weeks 22-43)

		Wave								
		Wave 3 (Week 22-26)			Wave 4 (Week 27-34)			Wave 5 (Week 35-43)		
		Drawn	2021 Total	%Drawn	Drawn	2021 Total	%Drawn	Drawn	2021 Total	%Drawn
	Boat Type									
ME	Charter	52	260	20.0%	110	260	42.3%	98	260	37.7%
	Head boat	9	30	30.0%	9	30	30.0%	12	30	40.0%
NH	Charter	42	188	22.3%	73	188	38.8%	73	188	38.8%
	Head boat	12	46	26.1%	16	46	34.8%	18	46	39.1%
MA	Charter	379	1741	21.8%	661	1741	38.0%	701	1741	40.3%
	Head boat	9	44	20.5%	15	44	34.1%	20	44	45.5%
RI	Charter	74	337	22.0%	130	337	38.6%	133	337	39.5%
	Head boat	12	39	30.8%	17	39	43.6%	10	39	25.6%
CT	Charter	41	191	21.5%	76	191	39.8%	74	191	38.7%
	Head boat	2	17	11.8%	3	17	17.6%	12	17	70.6%
NY	Charter	172	717	24.0%	285	717	39.7%	260	717	36.3%
	Head boat	10	44	22.7%	20	44	45.5%	14	44	31.8%
NJ	Charter	229	995	23.0%	385	995	38.7%	381	995	38.3%
	Head boat	7	33	21.2%	15	33	45.5%	11	33	33.3%
DE	Charter	37	159	23.3%	61	159	38.4%	61	159	38.4%
	Head boat	0	4	0.0%	4	4	100.0%	0	4	0.0%
MD	Charter	68	306	22.2%	116	306	37.9%	122	306	39.9%
	Head boat	1	7	14.3%	2	7	28.6%	4	7	57.1%
VA	Charter	41	174	23.6%	70	174	40.2%	63	174	36.2%
	Head boat	3	10	30.0%	3	10	30.0%	4	10	40.0%
All	Charter	1135	5068	22.4%	1967	5068	38.8%	1966	5068	38.8%
	Head boat	65	274	23.7%	104	274	38.0%	105	274	38.3%

Table 14: 2022 LPTS Add-on contact results by final call disposition

		Completed Interview?														All
		Yes			No											
		Large Pelagic Trips	No Large Pelagic Trips	No Trips	Answering Machine	Line Busy	Language Barrier	No Answer	Not Available	Unreachable	Incomplete	Bad/Wrong number Fax/Computer	Refusal	Ineligible	Inactive	
State																
ME	Count	40	57	71	34	0	0	4	2	4	3	1	0	14	60	290
	%	13.8%	19.7%	24.5%	11.7%	0.0%	0.0%	1.4%	0.7%	1.4%	1.0%	0.3%	0.0%	4.8%	20.7%	100.0%
NH	Count	41	54	68	23	0	0	25	0	1	2	1	13	3	3	234
	%	17.5%	23.1%	29.1%	9.8%	0.0%	0.0%	10.7%	0.0%	0.4%	0.9%	0.4%	5.6%	1.3%	1.3%	100.0%
MA	Count	295	290	535	357	1	0	12	1	3	1	8	3	67	212	1785
	%	16.5%	16.2%	30.0%	20.0%	0.1%	0.0%	0.7%	0.1%	0.2%	0.1%	0.4%	0.2%	3.8%	11.9%	100.0%
RI	Count	17	56	114	80	2	0	15	0	26	0	8	23	18	17	376
	%	4.5%	14.9%	30.3%	21.3%	0.5%	0.0%	4.0%	0.0%	6.9%	0.0%	2.1%	6.1%	4.8%	4.5%	100.0%
CT	Count	14	44	90	37	0	0	0	1	3	2	6	5	5	1	208
	%	6.7%	21.2%	43.3%	17.8%	0.0%	0.0%	0.0%	0.5%	1.4%	1.0%	2.9%	2.4%	2.4%	0.5%	100.0%
NY	Count	56	78	252	2	0	0	229	4	62	1	18	30	13	16	761
	%	7.4%	10.2%	33.1%	0.3%	0.0%	0.0%	30.1%	0.5%	8.1%	0.1%	2.4%	3.9%	1.7%	2.1%	100.0%
NJ	Count	98	149	325	293	0	0	8	1	25	4	11	4	28	82	1028
	%	9.5%	14.5%	31.6%	28.5%	0.0%	0.0%	0.8%	0.1%	2.4%	0.4%	1.1%	0.4%	2.7%	8.0%	100.0%
DE	Count	3	8	26	90	0	0	2	0	1	3	2	5	7	16	163
	%	1.8%	4.9%	16.0%	55.2%	0.0%	0.0%	1.2%	0.0%	0.6%	1.8%	1.2%	3.1%	4.3%	9.8%	100.0%
MD	Count	69	25	151	39	0	0	6	0	4	0	4	5	10	0	313
	%	22.0%	8.0%	48.2%	12.5%	0.0%	0.0%	1.9%	0.0%	1.3%	0.0%	1.3%	1.6%	3.2%	0.0%	100.0%
VA	Count	15	41	66	18	0	0	1	0	3	0	3	10	8	19	184
	%	8.2%	22.3%	35.9%	9.8%	0.0%	0.0%	0.5%	0.0%	1.6%	0.0%	1.6%	5.4%	4.3%	10.3%	100.0%
All	Count	648	802	1698	973	3	0	302	9	132	16	62	98	173	426	5342
	%	12.1%	15.0%	31.8%	18.2%	0.1%	0.0%	5.7%	0.2%	2.5%	0.3%	1.2%	1.8%	3.2%	8.0%	100.0%

Table 15: LPS trips per completed interview

		Wave			All
		Wave 3	Wave 4	Wave 5	
State					
ME	Interviews	34	75	59	168
	Trips	3	36	18	57
	Mean	0.09	0.48	0.31	0.34
NH	Interviews	36	62	65	163
	Trips	6	52	30	88
	Mean	0.17	0.84	0.46	0.54
MA	Interviews	239	436	445	1120
	Trips	55	205	233	493
	Mean	0.23	0.47	0.52	0.44
RI	Interviews	48	78	61	187
	Trips	1	15	5	21
	Mean	0.02	0.19	0.08	0.11
CT	Interviews	30	50	68	148
	Trips	1	12	3	16
	Mean	0.03	0.24	0.04	0.11
NY	Interviews	89	151	146	386
	Trips	10	32	27	69
	Mean	0.11	0.21	0.18	0.18
NJ	Interviews	126	231	215	572
	Trips	19	85	29	133
	Mean	0.15	0.37	0.13	0.23
DE	Interviews	3	7	27	37
	Trips	1	1	2	4
	Mean	0.33	0.14	0.07	0.11
MD	Interviews	55	88	102	245
	Trips	39	91	25	155
	Mean	0.71	1.03	0.25	0.63
VA	Interviews	32	48	42	122
	Trips	14	7	1	22
	Mean	0.44	0.15	0.02	0.18
All	Interviews	692	1226	1230	3148
	Trips	149	536	373	1058
	Mean	0.22	0.44	0.30	0.34

Table 16: Number and percent of vessels that caught fish

		Caught Fish?		All
		Yes	No	
State				
ME	Count	33	7	40
	%	82.5	17.5	100.0
NH	Count	25	14	39
	%	64.1	35.9	100.0
MA	Count	171	126	297
	%	57.6	42.4	100.0
RI	Count	12	5	17
	%	70.6	29.4	100.0
CT	Count	10	4	14
	%	71.4	28.6	100.0
NY	Count	47	9	56
	%	83.9	16.1	100.0
NJ	Count	78	19	97
	%	80.4	19.6	100.0
DE	Count	2	1	3
	%	66.7	33.3	100.0
MD	Count	64	5	69
	%	92.8	7.2	100.0
VA	Count	11	3	14
	%	78.6	21.4	100.0
All	Count	453	193	646
	%	70.1	29.9	100.0

Appendix A: FHTS with LPTS Add-on questionnaire

INTRODUCTION

Hello, my name is (interviewer's name) calling from (state agency) on behalf of NOAA Fisheries Services and the For-Hire Survey. May I speak with (vessel representative's name)?

QS1. Are you still the captain, owner or designated representative of the [vsl_name]?

Yes – Go to QS2

No – Go to QS1A

QS1A. Is someone else currently operating the [vsl_name]?

Yes – Record updated contact if known, vessel directory update created, and end the call

No – Vessel directory update created, end survey

Don't Know – Vessel directory update created, end survey

QS2. Can you provide information on the activity of the [vsl_name] during the last week (Monday through Sunday)?

Yes – Go to Q1

No – Go to QS2A

QS2A. Is there someone else I can contact?

Yes – Log callback with appropriate vessel contact, end survey

No – Log vessel as Unreachable during dialing week, end survey

QS3. Does the [vessel name] hold a current HMS permit?

Yes – Go to Q1.

No – Go to Q3.

PRIVACY ACT STATEMENT

PS1 (to be read for all standard FHTS surveys). The [vsl_name] has been selected at random from a directory of charter and headboats to be included in this week's survey of trips. This data will remain confidential, and this survey is being conducted in accordance with the Privacy Act of 1974, therefore your participation is voluntary

PS2 (to be read during conduct of the LPTS Add-on if Q1 = "Yes"). If the [vsl_name] holds a current HMS permit, the data collection for this survey is part of the HMS reporting requirements. Questions related to HMS fishing trips are conducted under the authority of the Atlantic Tunas Convention Act. Your answers will be treated as confidential, and data from this survey may only be released in accordance with the Privacy Act of 1974.

Q1. What category is your NMFS HMS permit?

1 = Atlantic Tunas General	4 = Swordfish General	9 = Don't know/Refused
2 = Angling	5 = Swordfish/Tunas combination General	
3 = Charter/headboat	6 = No permit	

Q1A. Do you ever sell fish like tunas or sharks caught from [vsl_name]?

Yes
No

Q2. Our records show your principal port as being located in [st_port]. Is this still accurate?

Yes – Go to Q3
No – Got to Q2A

Q2A. In what state do you usually launch or dock this vessel?

Record correct state – Go to Q3

Q3. This month, is the primary site where you dock or launch this vessel still located at [vessel_port]?

Yes – Go to Q4
No – Got to Q3A

Q3A. In what state, county and site do you usually dock or launch the vessel [vsl_name]?

Record correct state, county, and site – Go to Q4

Q4 with no HMS permit (Q53 = No). During the last week (Monday through Sunday), how many saltwater fishing trips targeting finfish did the [vessel name] take?

Record –
If Q4 = 0, go to FOLLOW-UP.

Q4 with HMS permit (Q53 = Yes). During the last week (Monday through Sunday), how many saltwater fishing trips targeting finfish did the [vessel name] take? Please remember to include ALL trips, not just those where you fished for a large pelagic species.

Record – Go to Q5
If Q4 = 0, go to FOLLOW-UP

Q5. How many of these trips were with paying passengers?

Record –

Q6. How many of these trips consisted of more than one day of fishing?

Record –

Q7. On how many of these trips did you target a large pelagic species such as tunas, sharks, billfish, dolphin, wahoo, amberjack or similar offshore species?

Record – Go to Q8

Q8. During the last week (Monday through Sunday), how many additional non-fishing trips did your boat make? Please include any trips taken for fuel, bait, or other recreational activities.

Record – If $Q8 > 0$, go to Q8A.

If $Q8 = 0$, go to Q9.

Q8A. On what days did each of these additional boat trips occur?

Record – Go to Q9

Q9. On what days did each of the saltwater fishing trips taken by the [vsl_name] occur? (Multiday Trips: Record date the trip ended)

Record – Go to Q10

Q10. How many separate fishing trips did you take on each day?

Record – Read following statement to confirm number of fishing trips. Go to Q11

You reported ____ total non-fishing trip(s) and ____ total fishing trip(s). Now that we have information on the total number of trips taken, we would like to obtain specific information about each of the fishing trips.

The logsheet is created from the trip total responses recorded in the Introduction page of the FHTS/LPTS Add-on questionnaire. Each row in the logsheet represents an individual trip. The interviewer will ask each of the following questions to detail each of the trips reported for the fishing week.

LOGSHEET

Q11. Was this trip with paying passengers?

Yes –

No –

Q12. On this trip, did you target large pelagic species such as tunas, sharks, billfish, dolphin, wahoo, amberjack or similar offshore species?

Yes –

No – Go to next trip/follow-up questions.

Q13. How many days of fishing occurred on this trip?

Record –

Q14. We are only interested in collecting information about passengers who actively fished by having a line in the water. Excluding captain and crew, how many people actively fished during the trip?

Record –

Q15. The day of the week of this trip, determined from previous responses.

Confirm trip day with captain. Adjust day of the week if incorrect. –

Q16. How many members of the crew fished?

Record –

Q17. To what state did your boat return from this trip?

Record –

Q18. To what county did this trip return? (See FIPS counties and county codes in Intercept Survey Training Manual.)

Record –

Q19. Did this trip return to a marina, dock, or launch ramp to which the public normally has access? If so, to what particular marina, dock, or launch ramp did this trip return? (Record MRFSS 4-digit site code.)

Record –

7777 = Private access site

8888 = Unknown public access site

9999 = Refused site information

Q20. At what time (to the nearest half-hour) did your boat leave the dock for that trip?

Record –

Q21. At what time (to the nearest half-hour) did your boat return from that trip?

Record –

Q22. To the nearest half-hour, how much time was spent actively fishing with gear in the water? (Record vessel fishing hours.)

Record –

Q23. What fishing method or methods (read all options) were used on that trip? (Record first two methods mentioned)

1=Trolling

2=Bottom fishing

3=Casting

4=Fly-fishing

5=Drifting

6=Chunking

7=Chumming
8=Other
97=Don't know
99=Refused

Q24. Was most of your fishing effort on that trip in the ocean, a sound, a river, or a bay?

1= Ocean – Go to Q24A
2= Sound – Go to Q24B
3= River – Go to Q24B
4= Bay – Go to Q24B
5= Other – Go to Q24B

Q24A. If Q24 = "Ocean" then ask: Was most of your fishing less than or greater than three miles from shore?

1= 3 miles or less
2= More than 3 miles

Q24B. If Q17 = "Connecticut", and Q24 = 2, 3, or 4: Was most of your fishing in the Long Island Sound or a bay or river that empties into the Long Island Sound?

Q24B. If Q17 = "Delaware", and Q24 = 2, 3, or 4: Was most of your fishing in the Delaware Bay or a bay or river that empties into the Delaware Bay?

Q24B. If Q17 = "Maryland" or "Virginia", and Q24 = 2, 3, or 4: Was most of your fishing in the Chesapeake Bay or a bay or river that empties into the Chesapeake Bay? Also ask, was most of your fishing in the Potomac River or a river that empties into the Potomac River?

Q24B. If Q17 = "New Jersey", Q24 = 2, 3, or 4, and trip_cnty = 9 or 11: Was most of your fishing in the Delaware Bay or a bay or river that empties into the Delaware Bay? If trip_cnty = 23 or 25: Was most of your fishing in the Raritan Bay or a bay or river that empties into the Raritan Bay?

Q24B. If Q17 = "New York" and Q24 = 2, 3, or 4 and trip_cnty = 5, 59, 61, 81, or 103: Was most of your fishing in Long Island Sound or a bay or river that opens into Long Island Sound? If trip_cnty = 47 or 85: Was most of your fishing in the Raritan Bay or a bay or river that empties into the Raritan Bay?

Q24B. If Q17 = "North Carolina", and Q24 = 2, 3, or 4: Was most of your fishing in the Albemarle/Pamlico estuary or a bay or river that empties into the Albemarle/Pamlico Estuary?

Q24B. If Q17 = "Massachusetts", and Q24 = 2, 3, or 4 and trip_cnty = 1, 5, 7, or 19: Was most of your fishing in the Buzzard's Bay or a river that empties into the Buzzard's Bay?

Q24B. If Q17 = "Rhode Island", and Q24 = 2, 3, or 4: Was most of your fishing in the Narragansett Bay or a bay or river that empties into the Narragansett Bay? If response is "No" then ask, was most of your fishing in the Long Island Sound or a bay or river that empties into the Long Island Sound?

Q25. What species were targeted on that trip? That is, when you left the dock, what species were you planning on fishing for?

[26] Other Species

[98] Don't know/Don't remember

[99] Refused

IF Target = LPS and is not bluefin, shark, billfish or tuna, go to Q26.

IF Target NE LPS Go to next trip.

Q25A. IF Q25 (TARGET) = "Shark" then attempt to identify species.

Record – Got to Q26

Q25A. IF Q25 (TARGET) = "Tuna" then ask: What type of Tuna were you fishing for?

1=Other Tuna – Go to Q26

2=Bluefin – Go to Q25B

3=Bigeye – Go to Q26

4=Yellowfin – Go to Q26

5=No Specific Tuna – Go to Q26

8=DK– Go to Q26

9=Refuse– Go to Q26

Q25B. IF Q25A = Bluefin then ask: What size class of BLUEFIN Tuna were you fishing for?

1=Young School – Go to Q26

2=School – Go to Q26

3=Large School – Go to Q26

4=Small Medium – Go to Q26

5=Large Medium – Go to Q26

6=Giant – Go to Q26

7=No Specific Size Class – Go to Q26

8=DK– Go to Q26

9=Refuse– Go to Q26

Q25A. IF Q25 (TARGET) = Billfish then ask: What type of Billfish were you fishing for?

1=Blue Marlin – Go to Q26

2=White Marlin – Go to Q26

3=Sailfish – Go to Q26

4=Swordfish – Go to Q26

5=Roundscale Spearfish – Go to Q26

6=Longbill Spearfish – Go to Q26

7=No Specific Billfish – Go to Q26

8=DK– Go to Q26

9=Refuse– Go to Q26

Q26. Were you participating in a tournament on that day?

Yes – Go to Q26A

No – Go to Q27

DK – Go to Q27

Q26A. IF Q26 = YES then ask: What was the name of the tournament?

Record Name –

Q27. Were you primarily using a rod and reel on this trip?

Yes – Go to Q28

No – Go to Q27A

Q27A. IF Q27 = NO then ask: What type of gear was primarily used on the trip?

1 = Rod and Reel – Go to Q28

2 = Handline – Go to Q28

3 = Harpoon – Go to next trip

4 = Other: Specify – Go to Q27B

Q27B. Please specify what “other” fishing gear was used primarily on this trip.

Record – If not rod & reel type of gear, go to next trip.

Q28. How many lines were used on that trip? (Record maximum number of lines used)

Record –

Q29. What type of bait was used during that trip (Live, Dead, Artificial, Other)?

Live –

Dead –

Artificial –

Other: Specify – Go to Q29A

Q29A. What other type of bait did you use during that trip?

Yes –

No –

Q30. What is the name of the fishing grounds on which you did most of your fishing? (use lookup list, categorized by state)

Record –

Q31. How many miles (maximum) were the fishing grounds from the nearest shoreline? Enter a number OR 998 for Don't Know, 999 for Refused.

Record –

Q32. What was the average ocean depth, in feet, where you were fishing? Enter a number or 98 for Don't Know, 99 for Refused.

Record –

Q33. What was the average surface water temperature, in degrees Fahrenheit, where you were fishing?

Record –

Q34. Did you catch any fish on this trip?

Yes – Go to Q35

No – Go to Next Trip

Q35. If Q34 = “YES” then ask: What type of fish did you catch?

Not Tuna or Shark or Marlin – Go to Next Trip

Tuna(s) – Attempt to specify species, Go to Q36 (If given Bluefin, Go to Q35A)

Shark – Attempt to specify species, Go to Q36 if given specific Shortfin Mako, Blue Shark, Sandbar Shark, Dusky Shark (Go to Next Trip if other or no species specified)

White or Blue Marlin – Go to Q36

Q35A. IF Q35 = “BLUEFIN TUNA” then ask: What size class of Bluefin Tuna?

Young School (<27” Curved Fork Length) – Go to Q36

School (27 – <47” Curved Fork Length) – Go to Q36

Large School (47 – 59” Curved Fork Length) – Go to Q36

Small Medium (59 – <73” Curved Fork Length) – Go to Q36

Large Medium (73 – <81” Curved Fork Length) – Go to Q36

Giant – (81”+ Curved Fork Length) – Go to Q36

DK – Go to Q36

Refused – Go to Q36

Q36. How many of those {species/class} did you keep?

Record –

Q37. How many of those {species/class} did you release alive?

Record –

Q38. How many of those {species/class} did you release dead?

Record –

FOLLOW-UP

Q39. Did you receive notification from us that we would contact you for this interview? If “No”, ask for correct mailing address and briefly explain that notification will be sent prior to any later contacts and continue.

Yes – Go to Q40

No – Record correct address. Go to Q40

Don’t know – Go to Q40

Q40. If Q39 is "Yes", then ask: Did you choose to use the optional form included with the mailing to record data for the vessel name? (Record form use.)

Yes –

No –

Don't Know –

Q41. In case the vessel name is ever selected again for this survey, at what time of day would you prefer to be called? (Record preferred time.)

Those are all of the questions that I have for you, thank you for your time and cooperation. Have a good day/evening. Goodbye.