

Appendix A

FHS Vessel Directory Variable Descriptions and Formats

For-Hire Vessel Directory Variable Descriptions

File naming convention is as follows: <dir_w><wave><YY>; e.g. dir_w407 for 2007, wave 4.

ST	State Code (FIPS Code)
VSL_ID	Vessel ID Number for the Survey
VSL_NUM	Vessel registration number (CG, state registration #, etc.)
VSL_NAME	Name of vessel
ACTIVE	If the vessel is currently participating in the charter boat fishery 'A'=Active 'I'=Inactive
ELIG	If the vessel is an eligible for-hire fishing boat 'Y'=Eligible 'N'=Ineligible
FOR_HIRE	Type of for-hire vessel 'C'=Charter boat; 'H'=Head boat;
BUSICNTY	County from which the for-hire boat operates (NMFS FIPS codes: <st><cnty>) (e.g. marina/dock location, usual launch site, etc.)
COOP_STT	Degree of cooperation of the vessel representative 'Y'=Willing to participate in survey 'N'=Not willing to participate in survey
BST_TIME	Best time to contact the vessel representative to conduct the survey
VSL_LEN	Length (in feet) of vessel - Integer only
LIC_CAP	Licensed capacity of the vessel
PERM_NUM	For-hire permit number (state or federal, if existing)
PERM_CAP	Permitted capacity class (state/agency defined classes)
REP_LST	Last name of the vessel representative (person most likely to know about the fishing activity of the vessel)
REP_1ST	First name of the vessel representative
REP_FON1	Primary phone number of the vessel representative
REP_FON2	2 nd phone number of the vessel representative
REP_FON3	3 rd phone number of the vessel representative
REP_ADD	Address of the vessel representative
REP_CTY	City of the vessel representative

REP_ST	State of residence of the vessel representative
REP_ZIP	Zip code of the vessel representative
BUSINESS	Name of charter boat business
BUSI_ADD	Physical address for where the charter boat is docked
BUSI_CTY	City where the charter boat is docked
BUSI_ST	State where the charter boat is docked
BUSI_ZIP	Zip code for the charter boat location
COMMENTS	Any comments that might be useful in interpreting the information in the data base
CPT1FON1	First captain's 1 st (primary) phone number
CPT1FON2	First captain's 2 nd phone number
CPT1FON3	First captain's 3 rd phone number
CPT1_LST	First captain's last name
CPT1_1ST	First captain's first name
CPT1_ADD	First captain's address
CPT1_CTY	First captain's city
CPT1_ST	First captain's state of residence
CPT1_ZIP	First captain's zip code
CPT2FON1	Second captain's 1 st (primary) phone number
CPT2FON2	Second captain's 2 nd phone number
CPT2FON3	Second captain's 3 rd phone number
CPT2_LST	Second captain's last name
CPT2_1ST	Second captain's first name
CPT2_ADD	Second captain's address
CPT2_CTY	Second captain's city
CPT2_ST	Second captain's state of residence
CPT2_ZIP	Second captain's zip code
OWNR_1ST	Vessel owner's first name
OWNR_LST	Vessel owner's last name

PORT	Port name of operations for the vessel (marina, ramp, dry storage facility)
VERIFIED	If the information for the vessel is verified 'Y'=Data is verified 'N'=Data is not verified
R_WAVE_N	Wave which the vessel will begin actively participating in the for-hire fishery
R_WAV_MN	Month which the vessel will begin actively participating in the for-hire fishery
R_WAV_YR	Year in which the vessel will begin actively participating in the for-hire fishery
HIN	Hull identification number
GEO_CNTY	For the sample draws to ensure geographical distribution - this variable is assigned by draw program but needs to be in this database.
DATE_NEW	Date which a new vessel was added to the data base (format: YYYYMMDD)
DATE_MOD	Date which information regarding an existing vessel was updated (format: YYYYMMDD)
P_ACCESS:	Primary Type of Access used by Vessel for the Wave '1' = Private Dock '2' = Trailered, Launch Ramp '3' = Private Access Marina '4' = Public Access Marina
INTSITE	Location of Vessel (MRFSS 4-digit access-site code)
EMAIL	Email address of the vessel representative
LPS_VSL	Does the vessel have a permit to fish for Large Pelagic Species? 'Y' = Yes 'N' = No
MD_BOAT	Fishing location for Maryland Vessels 'B' = Chesapeake Bay 'O' = Ocean
PERMITNB	Highly Migratory Species (HMS) permit number
REFCT	
R_ALONG	Does this Head Boat allow at-sea samplers ('Y'=Yes / 'N'='No')
VTR_VSL	Is the vessel required to submit NMFS Vessel Trip Reports? 'Y' = Yes 'N' = No
WEBSITE	Website for Vessel Operation
CHNG_wP	Variables that were changed as a result of telephone survey updates during wave w (one complete year of changes result from telephone survey updates are included in each vessel directory)

CHNG_wF Variables that were changed as a result of field updates during wave w (one complete year of changes result from field updates are included in each vessel directory)

For-Hire Vessel Directory Variable Formats

Variable Name	Char/ Num	Field Length	Variable Description
ST	Char	2	Charter boat vessel state
VSL_ID	Char	7	Vessel identification number
VSL_NUM	Char	9	Vessel registration number
VSL_NAME	Char	35	Name of vessel
ACTIVE	Char	1	If the vessel is currently participating in the charter boat fishery
ELIG	Char	1	If the vessel is an eligible for-hiring fishing boat
FOR_HIRE	Char	1	Type of for-hire vessel
VSL_LEN	Char	8	Length of vessel
BUSICNTY	Char	5	County where the charter boat is docked
COOP_STT	Char	1	Degree of cooperation of the vessel representative
BST_TIME	Char	20	Best time to contact the vessel representative to conduct the survey
LIC_CAP	Char	8	Licensed capacity of the vessel
PERM_CAP	Char	1	Permitted capacity class
PERM_NUM	Char	8	For-hire permit number
REP_LST	Char	25	Last name of the vessel representative
REP_1ST	Char	25	First name of the vessel representative
REP_ADD	Char	35	Address of the vessel representative
REP_CTY	Char	23	City of the vessel representative
REP_ST	Char	2	State of residence of the vessel representative
REP_ZIP	Char	10	Zip code of the vessel representative
REP_FON1	Char	20	Primary phone number of the vessel representative
REP_FON2	Char	20	2 nd phone number of the vessel representative
REP_FON3	Char	20	3 rd phone number of the vessel representative
BUSINESS	Char	35	Name of charter boat business
BUSI_ADD	Char	35	Physical address for where the charter boat is docked
BUSI_CTY	Char	23	City where the charter boat is docked
BUSI_ST	Char	2	State where the charter boat is docked
BUSI_ZIP	Char	10	Zip code for the charter boat location
COMMENTS	Char	50	Comments - useful in interpreting the information in the data base
CPT1FON1	Char	20	First captain's 1 st (primary) phone number
CPT1FON2	Char	20	First captain's 2 nd phone number
CPT1FON3	Char	20	First captain's 3 rd phone number
CPT1_LST	Char	25	First captain's last name
CPT1_1ST	Char	25	First captain's first name
CPT1_ADD	Char	35	First captain's address
CPT1_CTY	Char	23	First captain's city
CPT1_ST	Char	2	First captain's state of residence
CPT1_ZIP	Char	10	First captain's zip code

CPT2FON1	Char	20	Second captain's 1 st (primary) phone number
CPT2FON2	Char	20	Second captain's 2 nd phone number
CPT2FON3	Char	20	Second captain's 3 rd phone number
CPT2_LST	Char	25	Second captain's last name
CPT2_1ST	Char	25	Second captain's first name
CPT2_ADD	Char	35	Second captain's address
CPT2_CTY	Char	23	Second captain's city
CPT2_ST	Char	2	Second captain's state of residence
CPT2_ZIP	Char	10	Second captain's zip code
OWNR_1ST	Char	25	Vessel owner's first name
OWNR_LST	Char	25	Vessel owner's last name
PORT	Char	23	Port of operations for the vessel
VERIFIED	Char	1	If the information for the vessel is verified
R_WAVE_N	Char	1	Wave in which the vessel will begin participating in the for-hire fishery
R_WAV_MN	Char	2	Month in which the vessel will begin participating in the for-hire fishery
HIN	Char	25	Hull identification number
GEO_CNTY	Char	12	For the sample draws to be distributed geographically
DATE_NEW	Char	8	Date which a new vessel was added to the data base
DATE_MOD	Char	8	Date which information regarding an existing vessel was updated
P_ACCESS	Char	1	Type of access used by vessel for the wave
INTSITE	Char	4	MRFSS Site Code of vessel port
E_MAIL	Char	50	Email address of vessel representative
LPS_VSL	Char	1	Permit to fish for Large Pelagic Fishes
MD_BOAT	Char	1	Maryland vessel fishing location
PERMITNB	Char	8	HMS permit number
REFCT	Num	8	
REFWAVEN	Char	1	Number of waves a vessel will be inactive
R_ALONG	Char	1	
VTR_VSL	Char	1	Requirements for submitting NMFS vessel trip reports
WEBSITE	Char	50	Website of fishing operation
CHNG_WP			Changes resulting from phone survey updates during wave W
CHNG_WF			Changes resulting from field survey updates during wave W

FHS Sample Frame (Good List) Variable Descriptions and Formats

File naming convention is as follows: <gd><st><YY><wave>; e.g. gdsc044 for South Carolina, 2004, wave 4.

VARIABLE NAME	FORMAT	DESCRIPTION
BAD_FLG	Num 8	Any bad flags (NO = 0 on all records)
FOR_HIRE	Char 1	C=charterboat, H=head/party boat
GEO_CNTY	Num 8	If geo_cnty specified in register
LIC_CAP	Char 8	Capacity in people licensed for (a number)
LRG	Char 1	Size category within vessel type B=small, C=large, A=unknown
NVSL_LEN	Num 8	Boat length in feet
ST	Char 2	State of survey frame
VSL_ID	Char 7	Unique Vessel Identifier
VSL_NAME	Char 35	Vessel Name
VSL_NUM	Char 25	Vessel Registration Number
VTYPE	Char 1	Same values as FOR_HIRE

NOTE: This file is generated by the sample selection program from the Directory

FHS Bad List Variable Descriptions and Formats

File naming convention is as follows: <bd><st><YY><wave>; e.g. bdsc044 for South Carolina, 2004, wave 4.

VARIABLE NAME	FORMAT	DESCRIPTION
BAD_FLG	Num 8	1=YES, at least 1 key variable missing
FH_FLG	Num 8	For-Hire variable (C/H) missing or out of range
FON_FLG	Num 8	Representative's phone number missing
GEO_CNTY	Num 8	If missing (generated based on coastal county) then out-of-range record
NCST_FLG	Num 8	County of operation is NON-Coastal
ST	Char 2	State of survey Frame
ST_FLG	Num 8	State of operation is missing
VSLIDFLG	Num 8	Both Vessel name and registration number is missing
VSL_ID	Char 7	Unique 7-digit vessel identifier
VSL_NAME	Char 35	Name of vessel
VSL_NUM	Char 25	Registration number of vessel

FHS Draw File Variable Descriptions and Formats

File naming convention is as follows: <st><type><yy><wave><week>; e.g. sc204433 for South Carolina, charterboat (1=head/party; 2=charter), 2004, wave 4, sample week 33.

VARIABLE NAME	FORMAT	DESCRIPTION
ACTIVE	Char 1	Vessel activity status for the wave (A=Active; I=Inactive)
ACTV_FLG	Num 8	Inactive Flag (1=Yes / 0=No; 1=Inactive; 0=Active)
BUSICNTY	Char 5	FIPS coastal county of operation
COOP_STT	Char 1	Cooperating with survey (Y=yes; N=no)
FH_FLG	Num 8	For-Hire value missing or out of range (1=Yes / 0=No)
FON_FLG	Num 8	Representative's phone number missing (1=Yes / 0=No)
FOR_HIRE	Char 1	For-hire vessel category (C=charter / H=Head/Party)
GEO_CNTY	Num 8	Coded value for geographic county of operation - program generated
LRG	Char 1	Boat size category (A=unknown; B=small; C=large - defined in program)
R_WAVE_N	Char 1	Wave in which boat will become Active
R_WAV_MN	Char 2	Month in which boat will become Active
ST	Char 2	State of Vessel Frame/Sample Draw

ST_FLG	Num	8	State of operation missing (1=Yes / 0=No)
VSLIDFLG	Num	8	Vessel name and registration number missing (1=Yes / 0=No)
VSL_ID	Char	7	Unique 7=digit vessel identifier
VSL_LEN	Char	8	Vessel length in feet (no decimal)
VSL_NAME	Char	35	Name of boat
VSL_NUM	Char	25	Registration number of boat.
INTSITE	Char	4	Location of vessel.

Appendix B
FHS Advanced Letter



<name>
<rep_add>
<rep_cty>, <rep_st>. <rep_zip>

Dear <First_Name>,

The For-Hire Survey is the official method for collecting recreational catch and effort data from the Atlantic for-hire (charter and party/headboat) fleet. For-hire vessels are sampled weekly from a coast-wide vessel directory to report trip information for the previous week's fishing activity; catch information is obtained through a dockside/at-sea field survey.

Now in our fifth year, we continue to rely on captains like you to make this survey a success.

You have been selected to report fishing activity of the <vsl_name>
for the week of: **<Begin_Date> through <End_Date>**

The enclosed logsheet can be used to record your trip information during the specified week of fishing (instructions are provided on the back of the sheet). Beginning **Monday, <Call_Date>**, we will attempt to contact you by telephone to collect this information or you can:

- Logon to <http://forhire.fishingsurvey.com> beginning **Monday, <Call_Date>** using your assigned PIN;
- Schedule/initiate a phone interview by calling the following toll-free hotline: **1-800-229-5220**; or
- Fax the enclosed logsheet to the following toll-free fax number: **1-877-694-8808**.

If you participate in the Northeast Region's Vessel Trip Report (VTR) program, you may fax in your VTRs for the week you have been selected to report. If we do not receive a fax, you will be contacted as indicated above.

If you have any questions concerning the alternate reporting options or this important survey, please contact me at (301) 713-2328 or send an email to rob.andrews@noaa.gov. Thank you for your cooperation.

Sincerely,

Rob Andrews, *Fishery Biologist*
NOAA Fisheries Service

Vessel Name: <<BNAME>>
Vessel Number: <<BNUMB>>
PIN: << SAMPN >>

- Rod MacLeod, Connecticut Marine Fisheries Division
rod.macleod@po.state.ct.us
860-434-6043
- Scott Newlin, Delaware Division of Fish & Wildlife
scott.newlin@state.de.us
302-739-4782, ext 16
- Kathy Knowlton, Georgia DNR Coastal Resources Division
kathy_knowlton@dnr.state.ga.us
912-262-3122
- Paul Caruso, Massachusetts Division of Marine Fisheries
paul.caruso@state.ma.us
617-727-0394
- Bruce Joule, Maine Dept of Marine Resources
bruce.joule@maine.gov
207-633-9500
- Jian Zhou, Maryland DNR Fisheries Service
jzhou@dnr.state.md.us
410-260-8297
- Doug Mumford, North Carolina Marine Fisheries
doug.mumford@ncmail.net
252-946-6481
- Kevin Sullivan, New Hampshire Fish & Game Dept
ksullivan@nhfgd.org
603-868-1095
- Tom Baum, New Jersey Fish & Wildlife Bureau of Marine Fisheries
tom.baum@dep.state.nj.us
609-748-2020
- Peter Anderson, New York State Dept of Environmental Conservation Marine Resources
pcanders@gw.dec.state.ny.us
631-444-0453
- Najih Lazar, Rhode Island Division of Fish & Wildlife
nlazar@dem.state.ri.us
401-423-1926
- George Steele, South Carolina Dept of Natural Resources
Office of Fisheries
steeleg@dnr.sc.gov
843-953-9366
- Lewis Gillingham, Virginia Marine Resources Commission
lgillingha@mrc.state.va.us
757-247-2243



Appendix C

FHS Sample Logsheet

FOR-HIRE LOGSHEET

(Instructions on reverse)

*Vessel Name:

*Vessel Number:

*PIN:

Check here if you have a current HMS permit

TRIP #	TRIP SPECIFICS			ORIGIN OF TRIP			EFFORT						FISHING TARGET		
	DATE	DAYS FISHED	TOTAL ANGLERS (no crew)	STATE	COUNTY	SITE NAME	TRIP START TIME	TRIP END TIME	TOTAL HOURS FISHED	FISHING METHOD (Up to 2)		FISHING AREA	DISTANCE FROM SHORE	TARGET SPECIES (Up to 2)	
1										1.	2.			1.	2.
2										1.	2.			1.	2.
3										1.	2.			1.	2.
4										1.	2.			1.	2.
5										1.	2.			1.	2.
6										1.	2.			1.	2.
7										1.	2.			1.	2.
8										1.	2.			1.	2.
9										1.	2.			1.	2.
10										1.	2.			1.	2.
11										1.	2.			1.	2.
12										1.	2.			1.	2.
13										1.	2.			1.	2.
14										1.	2.			1.	2.
15										1.	2.			1.	2.
16										1.	2.			1.	2.

INSTRUCTIONS FOR FILLING IN PHONE SURVEY FORM

Use the following codes to complete this form. You may keep it handy for use during your telephone interview, or simply fax it toll-free to **1-800-518-8249**.

Trip Specifics:

Date - The date of the trip (month/day).

Days Fished - The number of days on which fishing occurred during the trip. (This will be "1" unless the trip was a multi-day trip).

Number of Anglers - The number of people who fished on the trip (excluding captain and crew).

Origin of Trip:

State - The state to which the fishing trip returned (use two letter abbreviation).

County - The county to which the fishing trip returned.

Site Name - of the marina, dock, or launch ramp to which the trip returned. (If private dock, just record "PRIVATE")

Effort:

Trip Start Time - Time of day vessel departed the dock or ramp for the fishing trip.

Trip End Time - Time of day vessel arrived back at the dock or ramp.

Hours Fished - The amount of time spent actively fishing with gear in the water to the nearest half-hour.

Fishing Method - The method of fishing on this trip as defined below. Up to two methods can be entered, with the primary method entered first.

Trolling (T) - Lines fished by pulling through the water while under power.

Bottom (B) - Lines fished straight down off the side of the boat while typically not under power.

Casting (C) - Lines fished by using a casting rod and reel.

Fly fishing (F) - Lines fished by using a fly rod and reel.

Drifting (D) - Lines fished while boat is passively (not under power) drifting.

Other (O)

Primary Fishing Area: The primary area of fishing on this trip as:

Ocean (O)

Gulf, Open bay (G) - Fishing in offshore waters or an open bay.

Sound (S) - Fishing in a semi-enclosed or enclosed embayment named "Sound."

River (R) - Saltwater fishing in rivers.

Bay (B) - Fishing in an enclosed bay (e.g. Mobile Bay).

Distance From Shore - Only to be used if fishing occurred in ocean, gulf or open bay. The distance from shore where fishing primarily took place as defined below.

≤ 3 miles - Fishing from shore out to 3 miles.

> 3 miles - Fishing greater than 3 miles out from shore.

Fishing Target - The fish species or species group targeted during the trip. Up to two targets can be entered, with the primary target entered first.

Groundfish:

COD Atlantic Cod

HADD Haddock

SHAK Silver Hake / Whiting

POLL Pollack

HAKE Hake

Sharks:

DGSM Smooth Dogfish

DGSP Spiny Dogfish

SHBL Blue

SHMS Mako Shortfin

SHSB Sandbar

SHST Sand Tiger

SHWH White

Pelagics:

BLUE Bluefish

BON Bonito

MACK Atlantic Mackerel

KGM King Mackerel

SSM Spanish Mackerel

DOL Dolphinfish/Mahi-Mahi

BUM Blue Marlin

WHM White Marlin

SWO Swordfish

WAH Wahoo

AMB Amberjack

Flounders:

FLBB Blackback/Winter Flounder/ Channel

FLSOU Southern Flounder

FLUKE Summer Flounder/Fluke

FLYT Yellowtail Flounder

HAL Atlantic Halibut

Other Finfish – Southern:

BARRA Great Barracuda

COBIA Cobia

CREV Crevalle Jack

CRO Atlantic Croaker

Other Finfish – Northern:

BSB Black Sea Bass

PERW White Perch

RPG Red Porgy

SCUP Scup / Porgy

SPOT Spot

STB Striped Bass/Rockfish

TAU Tautog

DRUMB Black Drum

DRUMR Red Drum / Redfish

GRPR Unknown Grouper

GRPSN Snowy Grouper

LADY Ladyfish

SHEEP Sheepshead

SNAP Snapper Family

SNAPR Red Snapper

SNAPV Vermillion Snapper

WKSP Spotted Sea Trout

WKSQ Weakfish/Squeteague/Gray Sea Trout

Tunas:

ALB Albacore

BET Bigeye

BFT Bluefin

BLKFT Blackfin

SKJ Skipjack

YFT Yellowfin

OTHER: Write-in

Appendix D
FHS Questionnaire

Hello, I'm calling on behalf of NOAA Fisheries and the For-Hire Survey. Can I please speak to name of contact? **If person sought is not available, ask if they will be available anytime this week. If yes, scheduled convenient time to call back to talk to that person, thank respondent, and terminate interview. If no, thank respondent and terminate interview.**

Are you still the captain, owner or designated representative of the vessel name?

If "yes", ask: Can you provide information on the activity of the vessel name during the last week (Monday through Sunday)?

If "yes", continue to survey description.

If "no", ask: Is someone else currently operating the name of the vessel?

If "yes", then ask: Do you know the name and telephone number of new contact?

If "yes", take name and telephone number, thank respondent and terminate interview.

If "no", denote whatever information is given and terminate interview.

The vessel 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. **(Continue with interview.)**

INTRO TWO: (for previously interviewed vessel reps)

Hello this is [interviewer name] calling on behalf of NOAA Fisheries for the For-Hire Survey. May I speak with [contact name]?

Alternate survey description for re-contacts:

The vessel name has been selected for this week's sample and I am calling to collect your effort information for this time period. As you know, this data will remain confidential, and this survey is being conducted in accordance with the Privacy Act of 1974, therefore your participation is voluntary.

(Continue with interview.)

Q1 During the last week (Monday through Sunday), how many saltwater fishing trips targeting finfish did the [vessel name] take?
 Record –
 If Q3=0, go to Q41.

Q2 How many of these trips were with paying passengers?
 Record –

Q3 How many of these trips consisted of more than one day of fishing?
 Record –

Q4 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 Q7>0, go to 7A.
 If Q7=0, go to Q8.

Q4A On what days did each of these additional boat trips occur?
 Record –

Now that we have information on the total number of trips taken, we would like to obtain specific information about each of these trips. We will begin with the most recent recreational fishing trip and work backwards to last Monday. You reported ____ total trips .

Q5 Did your boat take any saltwater fishing trips that ended on day of week (starting with Sunday)? **If “yes”, obtain the total number of trips that day. Repeat this and the following questions for each day of the week. If more than one trip is made in one day, profile each trip separately for that day.**

- 1=Monday
- 2=Tuesday
- 3=Wednesday
- 4=Thursday
- 5=Friday
- 6=Saturday
- 7=Sunday

Q6 How many separate fishing trips did you take on [trip_date]?
 Record –

Q6A Was this trip with paying passengers?
 Yes –
 No –

Q7 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 actually fished during the trip? (Record number of people on trip.)
 Record –

Q8 Did this trip return to a [State where vessel was sampled] marina, dock, or launch ramp?
 Yes – Go to Q13

No – Go to Q12A

- Q8A To what state did your boat return from this trip?
Record –
- Q9 To what county did this trip return? **(Record FIPS code for county of trip. See FIPS codes in Intercept Survey Training Manual.)**
Record –
- Q10 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.)**
7777=private access site
8888=unknown public access site
9999=refused site information
- Q11 At what time (to the nearest half-hour) did your boat leave the dock for that trip? **(Record return time as military time.)**
Record –
- Q12 At what time (to the nearest half-hour) did your boat return from that trip? **(Record return time as military time.)**
Record –
- Q13 To the nearest half-hour, how much time was spent actively fishing with gear in the water? **(Record vessel fishing hours. If vessel fishing hours exceed 24 hours record “yes” for multi-day trip and split into individual day trips on consecutive days with equal fishing hours.)**
Record –
- Q14 What fishing method or methods (read all options) were used on that trip? **(Record as many options as offered.)**
1=trolling
2=bottom fishing
3=casting
4=fly-fishing
5=drifting
6=chunking
7=chumming
8=other
97=don't know
99=refused
- Q15 Was most of your fishing effort on that trip in the ocean, a gulf, a river, a sound, an inlet, or a bay?
1= ocean – Go to Q 19A
2= sound – Go to Q20
3= river – Go to Q20
4= bay – Go to Q20
5= inlet or other non-ocean water body – Go to Q20
- Q15A Was most of your fishing less than or greater than three miles from shore?
1=less than 3 miles
2=greater than 3 miles
- Q16 Did this trip cover more than one day of fishing?
Yes – Go to Q20A.

No – Go to Q21.

Q16A How many days of fishing occurred on this trip?
Record –

Q17 What species were targeted on that trip? That is, when you left the dock, what species were you planning on fishing for? (**Record 10-digit NMFS codes for up to two species or species groups; refer to state or regional short list of species and species groups**).

[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 Q22.

IF Target NE LPS Go to next trip.

FOLLOW-UP

Q18 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 Q42

No – Record correct address. Go to Q42

Don't know – Go to Q43

Refused – Go to Q43

Q19 **If Q41 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 –

Q20 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 as military 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.

Appendix E

FHS Dataset Variable Descriptions And Codes

For-Hire Survey Interview Dataset Variable Descriptions

INT_ID	<p>Interviewer ID Code</p> <p>CATI Interviewer ID - Range: '0001'-'9999'</p> <p>LOG – Fax Complete</p> <p>WEB – Web Complete</p> <p>INA – Previous Contact Indicated Inactive</p> <p>INE – Previous Contact Indicated Not Eligible</p> <p>REF – Previous Contact Indicated Non Cooperative</p>
VSL_ID	Vessel ID Number for the Survey
SMP_WEEK	<p>Sampling Week</p> <p>Range: '1' - '52'/'53'</p>
YEAR	Sampling Year
WAVE	<p>MRFSS Sampling Wave</p> <p>'1' = Jan/Feb</p> <p>'2' = Mar/Apr</p> <p>'3' = May/Jun</p> <p>'4' = Jul/Aug</p> <p>'5' = Sep/Oct</p> <p>'6' = Nov/Dec</p>
SUB_REG	<p>Subregion Code</p> <p>'4' = North Atlantic (ME, NH, MA, CT, RI)</p> <p>'5' = Mid Atlantic (NY, NJ, DE, MD, VA)</p> <p>'6' = South Atlantic (NC, SC, GA)</p>
ST	State Code (FIPS Code)
NUM_REPS	<p>Number of Vessel Representatives Contacted</p> <p>Range: 0 - 9</p>
REP_NUM	<p>Interviewed Vessel Representative Number for the Week (in order of interviews)</p> <p>Range: 1 – 9</p>
REP_ID	<p>Vessel Representative ID</p> <p>'1' = Representative</p> <p>'2' = First Captain</p> <p>'3' = Second Captain</p> <p>'4' = Third Captain</p> <p>'5' = Owner</p> <p>'6' = New Representative</p>
INT_DATE	<p>Date of Vessel Representative Interview</p> <p>YYYYMMDD</p>
INT_TIME	<p>Time of Vessel Representative Interview</p> <p>Range: '0900'-'2100'</p>
STATUS	<p>Status of Vessel Representative Interview</p> <p>'1' = Complete interview</p>

'2' = Incomplete, but all key questions answered
 '3' = Refusal
 '4' = Language barrier
 '5' = Mid-Interview refusal
 '6' = Ineligible
 '7' = Unable to contact
 '8' = Inactive

BT_TRIPS	Number of Dock-to-Dock Vessel Trips Range: 0 - 30
RF_TRIPS	Number of Vessel Trips for Marine Recreational Fishing (finfish) Range: 0 – 30
OT_TRIPS	Number of Other, Non-Fishing Trips (ie Sightseeing, Whale Watching, Etc.) Range: 0 - 30
NOTIFIED	Did Representative Receive Notification of Selection for Survey? '0' = Unknown '1' = Yes '2' = No
FORM_USE	Did Representative Use Logsheet to Record Trip Information? '0'=Unknown '1'=Yes '2'=No
TRIP_NUM	Number of Trip Reported by Vessel Representative Range: 1 - 30
TRIP_DAY	Day of Week on which Trip Occurred '1' = Monday '2' = Tuesday '3' = Wednesday '4' = Thursday '5' = Friday '6' = Saturday '7' = Sunday
TRIPDATE	Date of the Trip (Yr/Mo/Day) YYYYMMDD
MODE_F	Mode of Trip '6' = Headboat Fishing Trip '7' = Charter Boat Fishing Trip '8' = Private Boat Fishing Trip '9' = Other Trip (non-fishing)
PEOPLE	Number of People who Fished on Trip Range: 1-150
TRIP_ST	State of Access Site for Trip State Code (FIPS Code)
TRIPCNTY	County (or Parish) of Trip FIPS County Codes

INTSITE	Site where Trip Originated (MRFSS 4-digit site codes) '7777' = private access site '8888' = unknown public access site '9999' = refused site information
METHOD1	Primary Fishing Method '1' = Trolling '2' = Bottom fishing '3' = Casting '4' = Fly fishing '5' = Other '6' = Drifting '8' = Don't Know '9' = Refused
METHOD2	Secondary Fishing Method '1' = Trolling '2' = Bottom fishing '3' = Casting '4' = Fly fishing '5' = Other '6' = Drifting '8' = No Second Method Used '9' = Refused
AREA	Primary Fishing Area '1' = Ocean, gulf or open bay '2' = Sound '3' = River '4' = Enclosed bay '5' = Other 'A' = Narragansett Bay 'B' = Buzzards Bay 'C' = Long Island Estuary 'D' = Hudson/Raritan Estuary 'E' = Delaware Estuary 'F' = Chesapeake Estuary 'G' = Pamlico/Albemarle Estuary 'P' = Potomac River
DIST	Distance from Shore '1' = Less than 3 miles '2' = Greater than 3 miles '8' = Not Applicable (AREA is not '1')
AREA_X	Collapsed Primary Fishing Area '1' = Ocean less than 3 miles '2' = Ocean greater than 3 miles '5' = Inland
TIME	Time of Return from Trip Range: '0030' – '2400'
TIME_DEP	Time of Trip Departure Range: '0030' – '2400'

HRSF	Hours Fished on Trip Range: 0.5 - 24.0
MULTIDAY	Multi-day Trip Flag '1' = Yes '2' = No
VERIFIED	Was Interview Validated? '1' = Yes '2' = No
ERRORS	Did Validation Reveal any Errors? '1' = Yes '2' = No '8' = Not Applicable (VERIFIED='2')
VAL_ID	Validation Interviewer's Initials Range: 'AA' to 'ZZ'
VAL_DATE	Date of Follow-Up Validation Interview (Yr/Mo/Day) YYYYMMDD
ATTEMPTS	Number of attempts made to contact vessel representative Range: '0' – '20'
RESULT	Result of the last phone attempt '01' = Line Busy '02' = No Answer '03' = Answering Machine or Service '04' = Wrong number - new number available '05' = Not available '06' = Not in service/wrong number '07' = Refusal '08' = Communication problem '09' = Ineligible '10' = Successful Contact '11' = Fax/Computer
T_OF_DAY	Trip of Day '1' = First (or only) '2' = Second '3' = Third '4' = Fourth
FOR_HIRE	For-hire Boat Type (From Vessel Directory) 'C' = Charter Boat 'H' = Head Boat
TARGET1	Primary Target Species MRFSS Species Code
TARGET2	Secondary Target Species MRFSS Species Code

For-Hire Survey Interview Dataset Variable Formats

Variable	Type	Len	Label
AREA	Char	1	PRIMARY FISHING AREA
AREA_X	Char	1	COLLAPSED PRIMARY FISHING AREA
ATTEMPTS	Num	8	NUMBER OF ATTEMPTS MADE TO CONTACT VESSEL REP
BT_TRIPS	Num	8	NUMBER OF DOCK-TO-DOCK VESSEL TRIPS
DIST	Char	1	DISTANCE FROM SHORE
ERRORS	Char	1	DID VALIDATION REVEAL ANY ERRORS?
FOR_HIRE	Char	1	VESSEL TYPE
FORM_USE	Char	1	OPTIONAL FORM USE FLAG
HRSF	Num	8	HOURS FISHED ON TRIP
INTSITE	Char	4	SITE WHERE TRIP ORIGINATED
INT_DATE	Char	8	DATE OF VESSEL REPRESENTATIVE INTERVIEW
INT_ID	Char	4	INTERVIEWER ID
INT_TIME	Char	4	TIME OF VESSEL REPRESENTATIVE INTERVIEW
METHOD1	Char	2	PRIMARY FISHING METHOD
METHOD2	Char	2	SECONDARY FISHING METHOD
MODE_F	Char	1	MODE OF TRIP
MULTIDAY	Char	1	MULTI-DAY TRIP FLAG
NOTIFIED	Char	1	RECEIPT OF NOTIFICATION FLAG
NUM_REPS	Num	8	NUMBER OF VESSEL REPRESENTATIVES CONTACTED
OT_TRIPS	Num	8	NUMBER OF OTHER NON-FISHING TRIPS
PEOPLE	Num	8	NUMBER OF PEOPLE WHO FISHED ON TRIP
REP_ID	Char	2	ID OF VESSEL REPRESENTATIVE INTERVIEWED
REP_NUM	Num	8	INTERVIEWED VESSEL REPRESENTATIVE NUMBER
RESULT	Char	2	RESULT OF THE LAST PHONE ATTEMPT
RF_TRIPS	Num	8	NUMBER OF VESSEL RECREATIONAL FISHING TRIPS
SMP_WEEK	Char	2	SAMPLING WEEK
ST	Char	2	STATE CODE (FIPS CODE)
STATUS	Char	1	STATUS CODE FOR VESSEL REPRESENTATIVE INTERVIEW
SUB_REG	Char	1	SUBREGION CODE
TARGET1	Num	8	PRIMARY TARGET SPECIES
TARGET2	Num	8	SECONDARY TARGET SPECIES
TIME	Char	4	TIME OF RETURN FROM TRIP
TIME_DEP	Char	4	TIME OF TRIP DEPARTURE
TRIPCNTY	Char	3	COUNTY OF TRIP
TRIPDATE	Char	8	DATE OF THE TRIP (YR/MO/DAY)
TRIP_DAY	Char	1	DAY OF THE WEEK ON WHICH TRIP OCCURRED
TRIP_NUM	Num	8	NUMBER OF TRIP REPORTED BY VESSEL REPRESENTATIVE
T_OF_DAY	Char	1	TRIP OF DAY
TRIP_ST	Char	2	STATE OF TRIP
VAL_DATE	Char	6	DATE OF FOLLOW-UP VALIDATION INTERVIEW
VAL_ID	Char	2	VALIDATION INTERVIEWER'S INITIALS
VERIFIED	Char	1	VALIDATION FLAG
VSL_ID	Char	7	VESSEL ID
WAVE	Char	1	MRFSS SAMPLING WAVE
YEAR	Char	4	SAMPLING YEAR

For-Hire Survey Dialing Results Database Variable Descriptions

INT_ID	Interviewer ID Code Range: 0001-9999 - not to overlap MRFSS intercept interviewers
VSL_ID	Vessel ID Number for the Survey E.g. '4500001'-'4509999'
VSL_TYP	Vessel Type (Charter or Headboat as determined from the For-hire Directory) 'C'=charter 'H'=headboat
SMP_WEEK	Sampling Week Range: '1'-'52'
YEAR	Sampling Year E.g. '2002'=2002
WAVE	MRFSS Sampling Wave '1'=Jan/Feb '2'=Mar/Apr '3'=May/Jun '4'=Jul/Aug '5'=Sep/Oct '6'=Nov/Dec
SUB_REG	Subregion Code '4'=North Atlantic '5'=Mid Atlantic '6'=South Atlantic
ST	State Code (FIPS Code) E.g. >45==South Carolina
DIALDATE	Date of Dialing Attempt E.g. '20000306' = March 6, 2000
DIALTIME	Time of Dialing Attempt Range: '0900'='2100'
RESULT	Result of the last dialing attempt '01'= Line Busy '02'= No Answer '03'=Answering Machine or Service '04'=Wrong number - new number available '05'=Not available '06'=Not in service/wrong number '07'=Refusal '08'=Communication problem '09'=Ineligible '10'=Successful Contact '11'=Fax/Computer

For-Hire Survey Dialing Results Database Variable Formats

Variable	Char/ Num	Field Length	Variable Description Name
INT_ID	Char	4	Interviewer ID
VSL_ID	Char	7	Vessel ID (randomly assigned survey-specific ID)
VSL_TYP	Char	1	Vessel type (indicated on the For-Hire directory)
SMP_WEEK	Char	2	Sampling Week
YEAR	Char	4	Sampling Year
WAVE	Char	1	MRFSS Sampling Wave
SUB_REG	Char	1	Subregion Code
ST	Char	2	State Code (FIPS Code)
DIALDATE	Char	8	Date of Vessel Representative Interview (Year/Mo/Day)
DIALTIME	Char	4	Time of Vessel Representative Interview (military time)
RESULT	Char	2	Result of the last phone attempt

Appendix F
Privacy Act Statement

PRIVACY ACT STATEMENT

Information collected in the Marine Recreational Fishery Statistics Survey is authorized under the Fish and Wildlife Act of 1956, the Migratory Marine Fish Act of 1959, the Fishery Conservation and Management Act of 1976 and the Sustainable Fisheries Act of 1996. This information will be used in assessing the influence of fishing on fish stocks and in determining future recreational fishing needs.

All information collected will be combined with information provided by other recreational anglers and used only for statistical purposes. Any information which would permit identification of the individual will be held in strictest confidence and will be used only by persons engaged in and for the purpose of the survey.

Participation in this survey is voluntary and there are no penalties for refusing to answer any question. However, your cooperation in obtaining this much needed information is extremely important in order to insure the completeness and accuracy of the statistical results.

Appendix G

Private LPTS Advance Letter
For-Hire Add-on Advance Letter

October 12, 2006
John Smith
1234 Main Street
Anywhere, USA 12345

Vessel Name:<<All Aboard>> Permit Category<<HMS Permit>> Vessel Permit<<123456789>> Vessel Operator<<John Smith>> Principal Port<<State>>

Dear Mr. Smith,

Every year, the National Marine Fisheries Service (NMFS) sponsors the Large Pelagics Survey (LPS) which is designed to collect information about offshore recreational fishing for large pelagic species such as tunas, billfishes, sharks, dolphin, wahoo, and amberjack. The LPS consists of both a dockside component and a telephone survey. Information collected from the LPS is critical to managing and enhancing the recreational opportunities available in the fishery. Information on catch and effort of many important migratory species are reported to the International Commission for the Conservation of Atlantic Tunas (ICCAT) and are used by NMFS for domestic fisheries management.

You have been selected to participate in the LPS telephone survey. QuanTech, Inc., of Arlington, Virginia is contracted to select random samples of boats from the Highly Migratory Species (HMS) permit list and contact the operators of those boats to collect information on fishing activity for large pelagic species. Your participation in this survey is greatly appreciated and is an important step toward fulfilling your mandatory reporting requirement as an HMS permit holder. Even *if you did not fish* during the reporting period indicated below it is still important that you participate in the survey.

You have been selected to report fishing activity of the All Aboard for:

10/17/2006 through 10/30/2006

Beginning on **Monday, 10/31/2006**

we will attempt to contact you by telephone to collect this information.

The enclosed form shows the kinds of information you will be requested to provide on the telephone. You can use this form to record the information during the specified weeks of fishing, but you are *not required* to complete it. *It is provided for your convenience.* On the back of the form you will find specific explanations of the types of data that will be requested in the telephone interview. You may complete the form for trips taken during the specified weeks and return it by fax to **1-877-694-8808**. If you choose to complete the survey via fax, the scheduled telephone interview should be cancelled within 24 hours of receipt of your information.

If you have any questions concerning the form or this important survey please call me at (301) 713-2328 or send an email to ron.salz@noaa.gov. If you are not planning to renew your permit, or need to schedule a better time for our interviewers to speak with you, please call QuanTech at **1-800-229-5220**. Thank you in advance for your cooperation.

Sincerely,



Ronald Salz, Fishery Biologist
NOAA Fisheries

October 11, 2006

«RNAME»
 «rep_add»
 «rep_cty», «rep_st». «rep_zip»
 Dear «First_name»,

The For-Hire Survey is the official method for collecting recreational catch and effort data from the Atlantic for-hire (charter and party/headboat) fleet. For-hire vessels are sampled weekly from a coast-wide vessel directory to report trip information for the previous week's fishing activity; catch information is obtained through a dockside/at-sea field survey.

You have been selected to report fishing activity of the «vsl_name» for the week of:
«Begin_date» through «End_date»

If you are a Highly Migratory Species (HMS) permit holder, our interviewers will ask you additional questions about any trips you have taken targeting large pelagic species (e.g., tunas, sharks, billfishes, dolphin, wahoo, amberjack). This will eliminate the need for a separate Large Pelagics Survey telephone interview, and is an important step toward fulfilling your mandatory reporting requirement as an HMS permit holder.

The enclosed logsheet can be used to record your trip information during the specified week of fishing (instructions are provided on the back). Beginning **Monday, «Call_Date»**, we will attempt to contact you by telephone to collect this information or you can:

- Logon to <http://forhire.fishingsurvey.com> beginning **Monday, «Call_Date»** using your assigned PIN provided below;
- Schedule/initiate a phone interview by calling the following toll-free hotline:
1-800-229-5220; or
- Fax the enclosed logsheet to the following toll-free fax number: **1-877-694-8808**.

If you participate in the Northeast Region's Vessel Trip Report (VTR) program, you may fax in your VTRs for the week you have been selected to report. If we do not receive a fax, you will be contacted as indicated above.

If you have any questions concerning the alternate reporting options or this important survey in general, please contact me at (301) 713-2328 or send an email to ron.salz@noaa.gov. Thank you for your cooperation.

Sincerely,



Ronald Salz, *Fishery Biologist*
 NOAA Fisheries

Vessel Name: «vsl_name»
 Vessel Number: «vsl_num»
 PIN: «pin»
 HMS Permit: Yes