

## **Appendix A**

### **Coastal Counties Included in the Dialing Frame**

**Code State****1 Alabama**

Waves 1-2 & 6  
 3 Baldwin  
 97 Mobile

**Waves 3-5**

3 Baldwin  
 25 Clarke  
 53 Escambia  
 97 Mobile  
 129 Washington

**6 So. California**

All Waves  
 37 Los Angeles  
 59 Orange  
 65 Riverside  
 71 San Bernardino  
 73 San Diego  
 83 Santa Barbara  
 111 Ventura

**6 No. California**

All Waves  
 1 Alameda  
 13 Contra Costa  
 15 Del Norte  
 23 Humboldt  
 41 Marin  
 45 Mendocino  
 53 Monterey  
 55 Napa  
 67 Sacramento  
 69 San Benito  
 75 San Francisco  
 77 San Joaquin  
 79 San Luis Obispo  
 81 San Mateo  
 85 Santa Clara  
 87 Santa Cruz  
 95 Solano  
 97 Sonoma  
 105 Trinity  
 113 Yolo

**13 Georgia (Cont.)**

Waves 1-2 & 6

**9 Connecticut**

All Waves  
 1 Fairfield  
 3 Hartford  
 5 Litchfield  
 7 Middlesex  
 9 New Haven  
 11 New London  
 13 Tolland  
 15 Windham

**10 Delaware**

All Waves  
 1 Kent  
 3 New Castle  
 5 Sussex

**12 East Florida**

All Waves  
 3 Baker  
 7 Bradford  
 9 Brevard  
 11 Broward  
 19 Clay  
 25 Miami-Dade  
 31 Duval  
 35 Flagler  
 61 Indian River  
 69 Lake  
 85 Martin  
 89 Nassau  
 93 Okeechobee  
 95 Orange  
 97 Osceola  
 99 Palm Beach  
 107 Putnam  
 109 St. Johns  
 111 St. Lucie  
 117 Seminole  
 125 Union  
 127 Volusia

**12 West Florida**

All Waves  
 1 Alachua  
 5 Bay  
 13 Calhoun  
 15 Charlotte  
 179 Liberty  
 183 Long  
 191 Mc Intosh

17 Citrus  
 21 Collier  
 23 Columbia  
 27 De Soto  
 29 Dixie  
 33 Escambia  
 37 Franklin  
 39 Gadsden  
 41 Gilchrist  
 43 Glades  
 45 Gulf  
 47 Hamilton  
 49 Hardee  
 51 Hendry  
 53 Hernando  
 55 Highlands  
 57 Hillsborough  
 59 Holmes  
 63 Jackson  
 65 Jefferson  
 67 Lafayette  
 71 Lee  
 73 Leon  
 75 Levy  
 77 Liberty  
 79 Madison  
 81 Manatee  
 83 Marion  
 87 Monroe  
 91 Okaloosa  
 101 Pasco  
 103 Pinellas  
 105 Polk  
 113 Santa Rosa  
 115 Sarasota  
 119 Sumter  
 121 Suwannee  
 123 Taylor  
 129 Wakulla  
 131 Walton  
 133 Washington

**13 Georgia**

Waves 1-2 & 6  
 25 Brantley  
 29 Bryan  
 39 Camden  
 49 Charlton  
 51 Chatham  
 103 Effingham  
 127 Glynn  
 305 Wayne

Waves 3-5

1	Appling	117	Washington	3	Anne Arundel
25	Brantley			5	Baltimore
29	Bryan	Waves 3-5		9	Calvert
31	Bulloch	1	Acadia	11	Caroline
39	Camden	3	Allen	15	Cecil
49	Charlton	5	Ascension	17	Charles
51	Chatham	7	Assumption	19	Dorchester
103	Effingham	11	Beauregard	25	Harford
109	Evans	19	Calcasieu	27	Howard
127	Glynn	23	Cameron	29	Kent
179	Liberty	33	East Baton Rouge	31	Montgomery
183	Long	37	East Feliciana	33	Prince Georges
191	Mc Intosh	45	Iberia	35	Queen Annes
229	Pierce	47	Iberville	37	St. Marys
251	Screven	51	Jefferson	39	Somerset
267	Tattnall	53	Jefferson Davis	41	Talbot
299	Ware	55	Lafayette	45	Wicomico
305	Wayne	57	Lafourche	47	Worcester
		63	Livingston	510	Baltimore City
		71	Orleans		
<b>15</b>	<b>Hawaii</b>	75	Plaquemines	<b>25</b>	<b>Massachusetts</b>
All waves		87	St Bernard	All Waves	
1	Hawaii	89	St Charles	1	Barnstable
3	Honolulu/Oahu	91	St Helena	5	Bristol
5	Kalawao	93	St James	7	Dukes
7	Kauai	95	St John the Baptist	9	Essex
9	Maui	97	St Landry	17	Middlesex
11	Molokai	99	St Martin	19	Nantucket
13	Lanai	101	St Mary	21	Norfolk
		103	St Tammany	23	Plymouth
<b>22</b>	<b>Louisiana</b>	105	Tangipahoa	25	Suffolk
Waves 1-2 & 6		109	Terrebonne		
5	Ascension	113	Vermilion	<b>28</b>	<b>Mississippi</b>
7	Assumption	117	Washington	Waves 1-2 & 6	
19	Calcasieu	121	West Baton Rouge	39	George
23	Cameron	125	West Feliciana	45	Hancock
45	Iberia	<b>23</b>	<b>Maine</b>	47	Harrison
51	Jefferson	All Waves		59	Jackson
53	Jefferson Davis	1	Androscoggin	109	Pearl River
55	Lafayette	5	Cumberland	131	Stone
57	Lafourche	9	Hancock		
71	Orleans	11	Kennebec	Waves 3B5	
75	Plaquemines	13	Knox	35	Forrest
87	St Bernard	15	Lincoln	39	George
89	St Charles	19	Penobscot	41	Greene
93	St James	23	Sagadahoc	45	Hancock
95	St John the Baptist	27	Waldo	47	Harrison
99	St Martin	29	Washington	59	Jackson
101	St Mary	31	York	109	Pearl River
103	St Tammany			111	Perry
105	Tangipahoa	<b>24</b>	<b>Maryland</b>	131	Stone
109	Terrebonne	All Waves			
113	Vermilion	11	Hillsborough	17	Strafford
<b>33</b>	<b>New Hampshire</b>	13	Merrimack		
All Waves		15	Rockingham	<b>34</b>	<b>New Jersey</b>

All Waves  
 1 Atlantic  
 3 Bergen  
 5 Burlington  
 7 Camden  
 9 Cape May  
 11 Cumberland  
 13 Essex  
 15 Gloucester  
 17 Hudson  
 21 Mercer  
 23 Middlesex  
 25 Monmouth  
 27 Morris  
 29 Ocean  
 31 Passaic  
 33 Salem  
 35 Somerset  
 39 Union

**36 New York**

All Waves  
 5 Bronx  
 47 Kings  
 59 Nassau  
 61 New York  
 79 Putnam  
 81 Queens  
 85 Richmond  
 87 Rockland  
 103 Suffolk  
 119 Westchester

**37 North Carolina**

Waves 1-2 & 6  
 13 Beaufort  
 15 Bertie  
 17 Bladen  
 19 Brunswick  
 29 Camden  
 31 Carteret  
 41 Chowan  
 47 Columbus  
 49 Craven  
 53 Currituck  
 55 Dare  
 61 Duplin  
 65 Edgecombe  
 73 Gates  
 79 Greene  
 83 Halifax  
 91 Hertford

Waves 1-2 & 6  
 35 Dorchester

95 Hyde  
 103 Jones  
 107 Lenoir  
 117 Martin  
 129 New Hanover  
 131 Northampton  
 133 Onslow  
 137 Pamlico  
 139 Pasquotank  
 141 Pender  
 143 Perquimans  
 147 Pitt  
 149 Polk  
 155 Robeson  
 163 Sampson  
 177 Tyrrell  
 187 Washington  
 191 Wayne  
 195 Wilson

Waves 3-5

13 Beaufort  
 15 Bertie  
 17 Bladen  
 19 Brunswick  
 29 Camden  
 31 Carteret  
 41 Chowan  
 47 Columbus  
 49 Craven  
 51 Cumberland  
 53 Currituck  
 55 Dare  
 61 Duplin  
 63 Durham  
 65 Edgecombe  
 69 Franklin  
 73 Gates  
 77 Granville  
 79 Greene  
 83 Halifax  
 85 Harnett  
 91 Hertford  
 93 Hoke  
 95 Hyde  
 101 Johnston  
 103 Jones  
 107 Lenoir  
 117 Martin  
 125 Moore  
 127 Nash  
 129 New Hanover  
 131 Northampton  
 133 Onslow  
 137 Pamlico  
 41 Florence  
 43 Georgetown  
 49 Hampton

139 Pasquotank  
 141 Pender  
 143 Perquimans  
 147 Pitt  
 149 Polk  
 153 Richmond  
 155 Robeson  
 163 Sampson  
 165 Scotland  
 177 Tyrrell  
 181 Vance  
 183 Wake  
 185 Warren  
 187 Washington  
 191 Wayne  
 195 Wilson

**41 Oregon**

All Waves  
 3 Benton  
 5 Clackamas  
 7 Clatsop  
 9 Columbia  
 11 Coos  
 15 Curry  
 19 Douglas  
 29 Jackson  
 33 Josephine  
 39 Lane  
 41 Lincoln  
 43 Linn  
 47 Marion  
 51 Multnomah  
 53 Polk  
 57 Tillamook  
 67 Washington  
 71 Yamhill

**44 Rhode Island**

All Waves  
 1 Bristol  
 3 Kent  
 5 Newport  
 7 Providence  
 9 Washington

**45 South Carolina**

Waves 1-2 & 6  
 13 Beaufort  
 15 Berkeley  
 19 Charleston  
 29 Colleton  
 51 Horry  
 53 Jasper  
 67 Marion

89	Williamsburg	570	Colonial Heights City	35	Cayey
	Waves 3-5	630	Fredericksburg City	37	Ceiba
5	Allendale			39	Ciales
9	Bamberg	650	Hampton City	41	Cidra
13	Beaufort	670	Hopewell City	43	Coamo
15	Berkeley	700	Newport News City	45	Comerio
19	Charleston	710	Norfolk City	47	Corozal
27	Clarendon	730	Petersburg City	49	Culebra
29	Colleton	735	Poquoson	51	Dorado
33	Dillon	740	Portsmouth City	53	Fajardo
35	Dorchester	760	Richmond City	54	Florida
41	Florence	800	Suffolk City	55	Guanica
43	Georgetown	810	Virginia Beach City	57	Guayama
49	Hampton	830	Williamsburg City	59	Guayanilla
51	Horry			61	Guaynabo
53	Jasper			63	Gurabo
67	Marion	<b>53</b>	<b>Washington</b>	65	Hatillo
75	Orangeburg			67	Hormigueros
89	Williamsburg	All	Waves	69	Humacao
		9	Clallam	71	Isabela
<b>51</b>	<b>Virginia</b>	27	Grays Harbor	73	Jayuya
		29	Island	75	Juana Diaz
All	Waves	31	Jefferson	77	Juncos
1	Accomack	33	King	79	Lajas
33	Caroline	35	Kitsap	81	Lares
36	Charles City	45	Mason	83	Las Marias
41	Chesterfield	49	Pacific	85	Las Piedras
53	Dinwiddie	53	Pierce	87	Loiza
57	Essex	55	San Juan	89	Luquillo
73	Gloucester	57	Skagit	91	Manati
85	Hanover	61	Snohomish	93	Maricao
87	Henrico	67	Thurston	95	Maunabo
93	Isle of Wight	73	Whatcom	97	Mayaguez
95	James City			99	Moca
97	King and Queen	<b>72</b>	<b>Puerto Rico</b>	101	Morovis
99	King George	All	Waves	103	Naguabo
101	King William	1	Adjuntas	105	Naranjito
103	Lancaster	3	Aguada	107	Orocovis
115	Mathews	5	Aguadilla	109	Patillas
119	Middlesex	7	Aguas Buenas	111	Penuelas
127	New Kent	9	Aibonito	113	Ponce
131	Northampton	11	Anasco	115	Quebradillas
133	Northumberland	13	Arecibo	117	Rincon
149	Prince George	15	Arroyo	119	Rio Grande
153	Prince William	17	Barceloneta	121	Sabana Grande
159	Richmond	19	Barranquitas	123	Salinas
175	Southampton	21	Bayamon	125	San German
177	Spotsylvania	23	Cabo Rojo	127	San Juan
179	Stafford	25	Caguas	129	San Lorenzo
181	Surry	27	Camuy	131	San Sebastian
183	Sussex	29	Canovanas	133	Santa Isabel
193	Westmoreland	31	Carolina	135	Toa Alta
199	York	33	Catano	137	Toa Baja
550	Chesapeake City	All	Waves	139	Trujillo Alto
<b>72</b>	<b>Puerto Rico</b>	141	Utuaado	145	Vega Baja
(Cont.)		143	Vega Alta	147	Vieques
				149	Villalba

151 Yabucoa  
153 Yauco

**78 U.S. Virgin  
Islands**

All Waves  
10 St. Croix  
20 St. John  
30 St. Thomas

# Appendix B

## Coastal Counties with Saltwater Access

State	st	sub_reg	county	County_name	PR access	SH access	P/C access
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Alabama	1	7	3 Baldwin	1	1	1
Alabama	1	7	25 Clarke	4	4	4
Alabama	1	7	35 Conecuh	4	4	4
Alabama	1	7	39 Covington	4	4	4
Alabama	1	7	53 Escambia	4	4	4
Alabama	1	7	61 Geneva	4	4	4
Alabama	1	7	97 Mobile	1	1	1
Alabama	1	7	99 Monroe	4	4	4
Alabama	1	7	129 Washington	4	4	4
California	6	2	1 Alameda	1	1	1
California	6	2	13 Contra Costa	1	1	1
California	6	2	15 Del Norte	1	1	1
California	6	2	23 Humboldt	1	1	1
California	6	1	37 Los Angeles	1	1	1
California	6	2	41 Marin	1	1	1
California	6	2	45 Mendocino	1	1	1
California	6	2	53 Monterey	1	1	1
California	6	2	55 Napa	3	4	3
California	6	1	59 Orange	1	1	1
California	6	1	65 Riverside	4	4	4
California	6	2	67 Sacramento	3	4	3
California	6	2	69 San Benito	4	4	4
California	6	1	71 San Bernardino	4	4	4
California	6	1	73 San Diego	1	1	1
California	6	2	75 San Francisco	1	1	1
California	6	2	77 San Joaquin	3	4	3
California	6	2	79 San Luis Obispo	1	1	1
California	6	2	81 San Mateo	1	1	1
California	6	1	83 Santa Barbara	1	1	1
California	6	2	85 Santa Clara	1	1	1
California	6	2	87 Santa Cruz	1	1	1
California	6	2	95 Solano	1	1	1
California	6	2	97 Sonoma	1	1	1
California	6	2	105 Trinity	4	4	4
California	6	1	111 Ventura	1	1	1
California	6	2	113 Yolo	4	4	4
Connecticut	9	4	1 Fairfield	1	1	1
Connecticut	9	4	3 Hartford	3	4	3
Connecticut	9	4	5 Litchfield	4	4	4
Connecticut	9	4	7 Middlesex	1	1	1
Connecticut	9	4	9 New Haven	1	1	1
Connecticut	9	4	11 New London	1	1	1
Connecticut	9	4	13 Tolland	4	4	4
Connecticut	9	4	15 Windham	4	4	4
Delaware	10	5	1 Kent	1	1	1
Delaware	10	5	3 New Castle	1	1	1
Delaware	10	5	5 Sussex	1	1	1
Florida	12		1 Alachua	4	4	4
Florida	12		3 Baker	4	4	4
Florida	12		5 Bay	1	1	1
Florida	12		7 Bradford	4	4	4

Florida	12	9 Brevard	1	1	1
Florida	12	11 Broward	1	1	1
Florida	12	13 Calhoun	4	4	4
Florida	12	15 Charlotte	1	1	1
Florida	12	17 Citrus	1	1	1
Florida	12	19 Clay	3	4	3
Florida	12	21 Collier	1	1	1
Florida	12	23 Columbia	4	4	4
Florida	12	25 Dade	1	1	1
Florida	12	27 De Soto	3	4	3
Florida	12	29 Dixie	1	1	1
Florida	12	31 Duval	1	1	1
Florida	12	33 Escambia	1	1	1
Florida	12	35 Flagler	1	1	1
Florida	12	37 Franklin	1	1	1
Florida	12	39 Gadsden	4	4	4
Florida	12	41 Gilchrist	4	4	4
Florida	12	43 Glades	4	4	4
Florida	12	45 Gulf	1	1	1
Florida	12	47 Hamilton	4	4	4
Florida	12	49 Hardee	4	4	4
Florida	12	51 Hendry	4	4	4
Florida	12	53 Hernando	1	1	1
Florida	12	55 Highlands	4	4	4
Florida	12	57 Hillsborough	1	1	1
Florida	12	59 Holmes	4	4	4
Florida	12	61 Indian River	1	1	1
Florida	12	63 Jackson	1	1	1
Florida	12	65 Jefferson	1	1	1
Florida	12	67 Lafayette	4	4	4
Florida	12	69 Lake	4	4	4
Florida	12	71 Lee	1	1	1
Florida	12	73 Leon	4	4	4
Florida	12	75 Levy	1	1	1
Florida	12	77 Liberty	3	4	3
Florida	12	79 Madison	4	4	4
Florida	12	81 Manatee	1	1	1
Florida	12	83 Marion	3	4	3
Florida	12	85 Martin	1	1	1
Florida	12	87 Monroe	1	1	1
Florida	12	89 Nassau	1	1	1
Florida	12	91 Okaloosa	1	1	1
Florida	12	93 Okeechobee	4	4	4
Florida	12	95 Orange	4	4	4
Florida	12	97 Osceola	4	4	4
Florida	12	99 Palm Beach	1	1	1
Florida	12	101 Pasco	1	1	1
Florida	12	103 Pinellas	1	1	1
Florida	12	105 Polk	4	4	4
Florida	12	107 Putnam	4	4	4
Florida	12	109 St. Johns	1	1	1

Florida	12		111 St. Lucie	1	1	1
Florida	12		113 Santa Rosa	1	1	1
Florida	12		115 Sarasota	1	1	1
Florida	12		117 Seminole	4	4	4
Florida	12		119 Sumter	4	4	4
Florida	12		121 Suwannee	4	4	4
Florida	12		123 Taylor	1	1	1
Florida	12		125 Union	4	4	4
Florida	12		127 Volusia	1	1	1
Florida	12		129 Wakulla	1	1	1
Florida	12		131 Walton	1	1	1
Florida	12		133 Washington	3	4	3
Georgia	13	6	1 Appling	4	4	4
Georgia	13	6	25 Brantley	3	4	3
Georgia	13	6	29 Bryan	1	1	1
Georgia	13	6	31 Bulloch	4	4	4
Georgia	13	6	39 Camden	1	1	1
Georgia	13	6	49 Charlton	3	4	3
Georgia	13	6	51 Chatham	1	1	1
Georgia	13	6	103 Effingham	3	4	3
Georgia	13	6	109 Evans	4	4	4
Georgia	13	6	127 Glynn	1	1	1
Georgia	13	6	179 Liberty	1	1	1
Georgia	13	6	183 Long	3	4	3
Georgia	13	6	191 McIntosh	1	1	1
Georgia	13	6	229 Pierce	4	4	4
Georgia	13	6	251 Screven	4	4	4
Georgia	13	6	267 Tattnall	4	4	4
Georgia	13	6	299 Ware	4	4	4
Georgia	13	6	305 Wayne	3	4	3
Hawaii	15	8	1 Hawaii	1	1	1
Hawaii	15	8	3 Honolulu	1	1	1
Hawaii	15	8	5 Kalawao	1	1	1
Hawaii	15	8	7 Kauai	1	1	1
Hawaii	15	8	9 Maui	1	1	1
Louisiana	22	7	1 Acadia	3	4	3
Louisiana	22	7	3 Allen	4	4	4
Louisiana	22	7	5 Ascension	3	4	3
Louisiana	22	7	7 Assumption	1	1	1
Louisiana	22	7	11 Beauregard	4	4	4
Louisiana	22	7	19 Calcasieu	1	1	1
Louisiana	22	7	23 Cameron	1	1	1
Louisiana	22	7	33 East Baton Rouge	4	4	4
Louisiana	22	7	37 East Feliciana	4	4	4
Louisiana	22	7	45 Iberia	1	1	1
Louisiana	22	7	47 Iberville	1	1	1
Louisiana	22	7	51 Jefferson	1	1	1
Louisiana	22	7	53 Jefferson Davis	1	1	1
Louisiana	22	7	55 Lafayette	4	4	4
Louisiana	22	7	57 Lafourche	1	1	1
Louisiana	22	7	63 Livingston	1	1	1

Louisiana	22	7	71 Orleans	1	1	1
Louisiana	22	7	75 Plaquemines	1	1	1
Louisiana	22	7	87 St. Bernard	1	1	1
Louisiana	22	7	89 St. Charles	1	1	1
Louisiana	22	7	91 St. Helena	4	4	4
Louisiana	22	7	93 St. James	1	1	1
Louisiana	22	7	95 St. John the Baptis	1	1	1
Louisiana	22	7	97 St. Landry	4	4	4
Louisiana	22	7	99 St. Martin	1	1	1
Louisiana	22	7	101 St. Mary	1	1	1
Louisiana	22	7	103 St. Tammany	1	1	1
Louisiana	22	7	105 Tangipahoa	1	1	1
Louisiana	22	7	109 Terrebonne	1	1	1
Louisiana	22	7	113 Vermilion	1	1	1
Louisiana	22	7	117 Washington	4	4	4
Louisiana	22	7	121 West Baton Rouge	4	4	4
Louisiana	22	7	125 West Feliciana	4	4	4
Maine	23	4	1 Androscoggin	4	4	4
Maine	23	4	5 Cumberland	1	1	1
Maine	23	4	9 Hancock	1	1	1
Maine	23	4	11 Kennebec	1	1	1
Maine	23	4	13 Knox	1	1	1
Maine	23	4	15 Lincoln	1	1	1
Maine	23	4	19 Penobscot	1	1	1
Maine	23	4	23 Sagadahoc	1	1	1
Maine	23	4	27 Waldo	1	1	1
Maine	23	4	29 Washington	1	1	1
Maine	23	4	31 York	1	1	1
Maryland	24	5	3 Anne Arundel	1	1	1
Maryland	24	5	5 Baltimore	1	1	1
Maryland	24	5	9 Calvert	1	1	1
Maryland	24	5	11 Caroline	3	4	3
Maryland	24	5	15 Cecil	1	1	1
Maryland	24	5	17 Charles	1	1	1
Maryland	24	5	19 Dorchester	1	1	1
Maryland	24	5	25 Harford	1	1	1
Maryland	24	5	27 Howard	4	4	4
Maryland	24	5	29 Kent	1	1	1
Maryland	24	5	31 Montgomery	3	4	3
Maryland	24	5	33 Prince Georges	3	4	3
Maryland	24	5	35 Queen Annes	1	1	1
Maryland	24	5	37 St. Marys	1	1	1
Maryland	24	5	39 Somerset	1	1	1
Maryland	24	5	41 Talbot	1	1	1
Maryland	24	5	45 Wicomico	1	1	1
Maryland	24	5	47 Worcester	1	1	1
Maryland	24	5	510 Baltimore City	1	1	1
Massachusetts	25	4	1 Barnstable	1	1	1
Massachusetts	25	4	5 Bristol	1	1	1
Massachusetts	25	4	7 Dukes	1	1	1
Massachusetts	25	4	9 Essex	1	1	1

Massachusetts	25	4	17 Middlesex	1	1	1
Massachusetts	25	4	19 Nantucket	1	1	1
Massachusetts	25	4	21 Norfolk	1	1	1
Massachusetts	25	4	23 Plymouth	1	1	1
Massachusetts	25	4	25 Suffolk	1	1	1
Mississippi	28	7	5 Amite	4	4	4
Mississippi	28	7	35 Forrest	4	4	4
Mississippi	28	7	39 George	4	4	4
Mississippi	28	7	41 Greene	4	4	4
Mississippi	28	7	45 Hancock	1	1	1
Mississippi	28	7	47 Harrison	1	1	1
Mississippi	28	7	59 Jackson	1	1	1
Mississippi	28	7	109 Pearl River	3	4	3
Mississippi	28	7	111 Perry	4	4	4
Mississippi	28	7	113 Pike	4	4	4
Mississippi	28	7	131 Stone	4	4	4
Mississippi	28	7	147 Walthall	4	4	4
New Hampshire	33	4	11 Hillsborough	4	4	4
New Hampshire	33	4	13 Merrimack	4	4	4
New Hampshire	33	4	15 Rockingham	1	1	1
New Hampshire	33	4	17 Strafford	1	1	1
New Jersey	34	5	1 Atlantic	1	1	1
New Jersey	34	5	3 Bergen	1	1	1
New Jersey	34	5	5 Burlington	3	4	3
New Jersey	34	5	7 Camden	3	4	3
New Jersey	34	5	9 Cape May	1	1	1
New Jersey	34	5	11 Cumberland	1	1	1
New Jersey	34	5	13 Essex	1	1	1
New Jersey	34	5	15 Gloucester	1	1	1
New Jersey	34	5	17 Hudson	1	1	1
New Jersey	34	5	21 Mercer	4	4	4
New Jersey	34	5	23 Middlesex	1	1	1
New Jersey	34	5	25 Monmouth	1	1	1
New Jersey	34	5	27 Morris	4	4	4
New Jersey	34	5	29 Ocean	1	1	1
New Jersey	34	5	31 Passaic	4	4	4
New Jersey	34	5	33 Salem	1	1	1
New Jersey	34	5	35 Somerset	4	4	4
New Jersey	34	5	39 Union	1	1	1
New York	36	5	5 Bronx	1	1	1
New York	36	5	47 Kings	1	1	1
New York	36	5	59 Nassau	1	1	1
New York	36	5	61 New York	1	1	1
New York	36	5	79 Putnam	4	4	4
New York	36	5	81 Queens	1	1	1
New York	36	5	85 Richmond	1	1	1
New York	36	5	87 Rockland	3	4	3
New York	36	5	103 Suffolk	1	1	1
New York	36	5	119 Westchester	1	1	1
North Carolina	37	6	13 Beaufort	1	1	1
North Carolina	37	6	15 Bertie	3	4	3

North Carolina	37	6	17 Bladen	4	4	4
North Carolina	37	6	19 Brunswick	1	1	1
North Carolina	37	6	29 Camden	1	1	1
North Carolina	37	6	31 Carteret	1	1	1
North Carolina	37	6	41 Chowan	3	4	3
North Carolina	37	6	47 Columbus	4	4	4
North Carolina	37	6	49 Craven	1	1	1
North Carolina	37	6	51 Cumberland	4	4	4
North Carolina	37	6	53 Currituck	1	1	1
North Carolina	37	6	55 Dare	1	1	1
North Carolina	37	6	61 Duplin	4	4	4
North Carolina	37	6	63 Durham	4	4	4
North Carolina	37	6	65 Edgecombe	4	4	4
North Carolina	37	6	69 Franklin	4	4	4
North Carolina	37	6	73 Gates	4	4	4
North Carolina	37	6	77 Granville	4	4	4
North Carolina	37	6	79 Greene	4	4	4
North Carolina	37	6	83 Halifax	4	4	4
North Carolina	37	6	85 Harnett	4	4	4
North Carolina	37	6	91 Hertford	4	4	4
North Carolina	37	6	93 Hoke	4	4	4
North Carolina	37	6	95 Hyde	1	1	1
North Carolina	37	6	101 Johnston	4	4	4
North Carolina	37	6	103 Jones	3	4	3
North Carolina	37	6	107 Lenoir	4	4	4
North Carolina	37	6	117 Martin	4	4	4
North Carolina	37	6	125 Moore	4	4	4
North Carolina	37	6	127 Nash	4	4	4
North Carolina	37	6	129 New Hanover	1	1	1
North Carolina	37	6	131 Northampton	4	4	4
North Carolina	37	6	133 Onslow	1	1	1
North Carolina	37	6	137 Pamlico	1	1	1
North Carolina	37	6	139 Pasquotank	3	4	3
North Carolina	37	6	141 Pender	1	1	1
North Carolina	37	6	143 Perquimans	3	4	3
North Carolina	37	6	147 Pitt	3	4	3
North Carolina	37	6	153 Richmond	4	4	4
North Carolina	37	6	155 Robeson	4	4	4
North Carolina	37	6	163 Sampson	4	4	4
North Carolina	37	6	165 Scotland	4	4	4
North Carolina	37	6	177 Tyrrell	3	4	3
North Carolina	37	6	181 Vance	4	4	4
North Carolina	37	6	183 Wake	4	4	4
North Carolina	37	6	185 Warren	4	4	4
North Carolina	37	6	187 Washington	3	4	3
North Carolina	37	6	191 Wayne	4	4	4
North Carolina	37	6	195 Wilson	4	4	4
Oregon	41	3	3 Benton	4	4	4
Oregon	41	3	5 Clackamas	4	4	4
Oregon	41	3	7 Clatsop	1	1	1
Oregon	41	3	9 Columbia	3	4	3

Oregon	41	3	11 Coos	1	1	1
Oregon	41	3	15 Curry	1	1	1
Oregon	41	3	19 Douglas	1	1	1
Oregon	41	3	29 Jackson	4	4	4
Oregon	41	3	33 Josephine	4	4	4
Oregon	41	3	39 Lane	1	1	1
Oregon	41	3	41 Lincoln	1	1	1
Oregon	41	3	43 Linn	4	4	4
Oregon	41	3	47 Marion	4	4	4
Oregon	41	3	51 Multnomah	4	4	4
Oregon	41	3	53 Polk	4	4	4
Oregon	41	3	57 Tillamook	1	1	1
Oregon	41	3	67 Washington	4	4	4
Oregon	41	3	71 Yamhill	4	4	4
Pennsylvania	42		11 Berks			
Pennsylvania	42		17 Bucks			
Pennsylvania	42		29 Chester			
Pennsylvania	42		45 Delaware			
Pennsylvania	42		71 Lancaster			
Pennsylvania	42		91 Montgomery			
Pennsylvania	42		101 Philadelphia			
Pennsylvania	42		133 York			
Rhode Island	44	4	1 Bristol	1	1	1
Rhode Island	44	4	3 Kent	1	1	1
Rhode Island	44	4	5 Newport	1	1	1
Rhode Island	44	4	7 Providence	1	1	1
Rhode Island	44	4	9 Washington	1	1	1
South Carolina	45	6	5 Allendale	4	4	4
South Carolina	45	6	9 Bamberg	4	4	4
South Carolina	45	6	13 Beaufort	1	1	1
South Carolina	45	6	15 Berkeley	1	1	1
South Carolina	45	6	19 Charleston	1	1	1
South Carolina	45	6	27 Clarendon	4	4	4
South Carolina	45	6	29 Colleton	1	1	1
South Carolina	45	6	33 Dillon	4	4	4
South Carolina	45	6	35 Dorchester	4	4	4
South Carolina	45	6	41 Florence	4	4	4
South Carolina	45	6	43 Georgetown	1	1	1
South Carolina	45	6	49 Hampton	4	4	4
South Carolina	45	6	51 Horry	1	1	1
South Carolina	45	6	53 Jasper	1	1	1
South Carolina	45	6	67 Marion	3	4	3
South Carolina	45	6	75 Orangeburg	4	4	4
South Carolina	45	6	89 Williamsburg	4	4	4
Texas	48	7	7 Aransas			
Texas	48	7	25 Bee			
Texas	48	7	39 Brazoria			
Texas	48	7	47 Brooks			
Texas	48	7	57 Calhoun			
Texas	48	7	61 Cameron			
Texas	48	7	71 Chambers			

Texas	48	7	89 Colorado			
Texas	48	7	123 De Witt			
Texas	48	7	131 Duval			
Texas	48	7	157 Fort Bend			
Texas	48	7	167 Galveston			
Texas	48	7	175 Goliad			
Texas	48	7	199 Hardin			
Texas	48	7	201 Harris			
Texas	48	7	215 Hidalgo			
Texas	48	7	239 Jackson			
Texas	48	7	241 Jasper			
Texas	48	7	245 Jefferson			
Texas	48	7	247 Jim Hogg			
Texas	48	7	249 Jim Wells			
Texas	48	7	255 Karnes			
Texas	48	7	261 Kenedy			
Texas	48	7	273 Kleberg			
Texas	48	7	285 Lavaca			
Texas	48	7	291 Liberty			
Texas	48	7	297 Live Oak			
Texas	48	7	321 Matagorda			
Texas	48	7	339 Montgomery			
Texas	48	7	351 Newton			
Texas	48	7	355 Nueces			
Texas	48	7	361 Orange			
Texas	48	7	391 Refugio			
Texas	48	7	409 San Patricio			
Texas	48	7	427 Starr			
Texas	48	7	469 Victoria			
Texas	48	7	481 Wharton			
Texas	48	7	489 Willacy			
Virginia	51	5	1 Accomack	1	1	1
Virginia	51	5	13 Arlington	3	4	3
Virginia	51	5	33 Caroline	3	4	3
Virginia	51	5	36 Charles City	3	4	3
Virginia	51	5	37 Charlotte	4	4	4
Virginia	51	5	41 Chesterfield	4	4	4
Virginia	51	5	47 Culpeper	4	4	4
Virginia	51	5	53 Dinwiddie	4	4	4
Virginia	51	5	57 Essex	1	1	1
Virginia	51	5	59 Fairfax	4	4	4
Virginia	51	5	61 Fauquier	4	4	4
Virginia	51	5	73 Gloucester	1	1	1
Virginia	51	5	85 Hanover	4	4	4
Virginia	51	5	87 Henrico	3	4	3
Virginia	51	5	93 Isle of Wright	1	1	1
Virginia	51	5	95 James City	1	1	1
Virginia	51	5	97 King and Queen	1	1	1
Virginia	51	5	99 King George	3	4	3
Virginia	51	5	101 King William	3	4	3
Virginia	51	5	103 Lancaster	1	1	1

Virginia	51	5	115 Mathews	1	1	1
Virginia	51	5	119 Middlesex	1	1	1
Virginia	51	5	127 New Kent	3	4	3
Virginia	51	5	131 Northampton	1	1	1
Virginia	51	5	133 Northumberland	1	1	1
Virginia	51	5	149 Prince George	3	4	3
Virginia	51	5	153 Prince William	3	4	3
Virginia	51	5	159 Richmond	1	1	1
Virginia	51	5	175 Southampton	4	4	4
Virginia	51	5	177 Spotsylvania	4	4	4
Virginia	51	5	179 Stafford	3	4	3
Virginia	51	5	181 Surry	1	1	1
Virginia	51	5	183 Sussex	4	4	4
Virginia	51	5	193 Westmoreland	1	1	1
Virginia	51	5	199 York	1	1	1
Virginia	51	5	510 Alexandria City	3	4	3
Virginia	51	5	550 Chesapeake City	1	1	1
Virginia	51	5	570 Colonial Heights Ci	3	4	3
Virginia	51	5	600 Fairfax City	4	4	4
Virginia	51	5	610 Falls Church City	4	4	4
Virginia	51	5	630 Fredricksburg City	3	4	3
Virginia	51	5	650 Hampton City	1	1	1
Virginia	51	5	670 Hopewell City	3	4	3
Virginia	51	5	683 Manasas City	4	4	4
Virginia	51	5	685 Manasas Park City	4	4	4
Virginia	51	5	700 Newport News City	1	1	1
Virginia	51	5	710 Norfolk City	1	1	1
Virginia	51	5	730 Petersburg City	4	4	4
Virginia	51	5	735 Poquoson City	1	1	1
Virginia	51	5	740 Portsmouth City	1	1	1
Virginia	51	5	760 Richmond City	3	4	3
Virginia	51	5	800 Suffolk City	4	4	4
Virginia	51	5	810 Virginia Beach City	1	1	1
Virginia	51	5	830 Williamsburg City	1	1	1
Washington	53	3	9 Clallam	1	1	1
Washington	53	3	27 Grays Harbor	1	1	1
Washington	53	3	29 Island	1	1	1
Washington	53	3	31 Jefferson	1	1	1
Washington	53	3	33 King	1	1	1
Washington	53	3	35 Kitsap	1	1	1
Washington	53	3	45 Mason	1	1	1
Washington	53	3	49 Pacific	1	1	1
Washington	53	3	53 Pierce	1	1	1
Washington	53	3	55 San Juan	1	1	1
Washington	53	3	57 Skagit	1	1	1
Washington	53	3	61 Snohomish	1	1	1
Washington	53	3	67 Thurston	1	1	1
Washington	53	3	73 Whatcom	1	1	1
Puerto Rico	72	11	600 All Puerto Rico	1	1	1
Virgin Islands	78	11	700 All Virgin Islands	1	1	1

**Key:**

1 = Direct saltwater access

3 = Possible (but questionable) saltwater access

4 = No (or very unlikely) saltwater access

# **Appendix C**

## **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 D**

## **CHTS Questionnaire**

## Household Screening Introduction

The interviewer must briefly state the purpose of the data collection and explain how the respondent's name and phone number were selected for the interview.

Introduction Hello, I'm calling to conduct a survey for the National Marine Fisheries Service of the U.S. Department of Commerce. We are collecting information for use in conservation of coastal resources, and we would appreciate your help with this important study. Before we begin, I want to assure you that your answers will be kept confidential, and this call may be monitored for quality assurance. [As needed: May I please speak with an adult in the household?]

The interviewer must state that the data will remain confidential in accordance with the Privacy Act of 1974, and that the respondent's responses to questions are entirely voluntary. Respondents are not obligated in any way to answer questions that they consider to be an invasion of their privacy.

The survey is being conducted in accordance with the Privacy Act of 1974, therefore you are not obligated to answer any question if you find it to be an invasion of your privacy.

For the CHTS, it may be most efficient to establish the general purpose of the survey before conducting additional screening. Asking the initial household respondent a very generic initial question like "Does anyone in this household go fishing?" accomplishes this goal.

Q1 How many people in this household go fishing?

Q2-Q4 are for sample quality control and are asked of all initial household respondents.

Q2 To help me assign your information to the correct location, is the telephone number I've reached you at located in {restore name from sample} county / parish / island / municipality?

This question verifies the location of the household dialed.

Q3 Is this your permanent residence? [Interviewer prompt if needed: "Where you live at least 6 months out of the year."]

This question verifies that the household contacted is a permanent, year-round residence.

- Q4 How many people in total, including yourself, live in your household?  
Please include those people who fish and who don't fish.

This question provides a cross check against the answer to Q1 to ensure that the respondent is not including people other than household members as fishermen.

At this point, if the response to number of fishermen in the household is equal to zero then the questionnaire skips to the final quality control question (gender) and skips the additional marine recreational 2-month and 12-month fishing screeners.

If there are fishermen identified in question 1, the interviewer reads a specific and detailed explanation of the purpose of the survey before asking questions to determine the number of eligible 12-month and 2-month fishermen in the household. This detailed description identifies exactly what type of fishing activity qualifies anglers in the household. Based on this description of recreational fishing, saltwater, and finfish versus shellfish, the initial household respondent should be able to say how many eligible anglers reside in the household.

We want to gather information from people who have been recreational saltwater fishing. Saltwater fishing includes fishing in oceans, sounds, or bays, or in brackish portions of rivers. This does not include fishing in freshwater, or for shellfish, such as crabbing. Recreational fishing means the primary purpose of the fishing is for fun or relaxation, as opposed to providing income from the sale of fish.

- Q5 How many people in your household, including children and adults, have been recreational saltwater fishing in the last 12 months anywhere in the US (including Hawaii and the mainland) or in a US territory?
- Q6 Thinking just about the past 2 months, how many of the people living in your household, including children and adults, have been recreational saltwater fishing in the last 2 months in the US or a US territory?
- Q7 Record gender of respondent.

The interviewer codes the gender of the initial respondent for all fishing and non-fishing households.

At this point, several questions are asked to determine how many of the people living in the household possessed a saltwater fishing license. These questions are only asked in states in which the Angler License Directory Survey (ALDS) is being conducted (NC and LA for 2009).

- Q8 During the past 12 months, did you have a FISHING LICENSE for the state of {restore state of residence}?"
- Q9 {If Q8=NO} During the past 12 months, did anyone in the household have a FISHING LICENSE for the state of {restore state of residence}?"
- Q10 "Was this particular license for Recreational Saltwater Fishing"
- Q11 "Was this license valid between {conditional restore: w1="January, w2=March, w3= May, w4=July, w5= October, w6= December"}12<sup>th</sup>?"
- Q12 How many members of the household, INCLUDING YOURSELF, were licensed to go saltwater fishing in {restore license state} during the previous two months?"

Finally, for households with eligible 2-month anglers, the initial household respondent is asked to provide a roster of all two-month anglers. If the respondent is reluctant to give names, the interviewer is instructed to ask for identifiers such as mother, father, oldest child, second oldest child, etc..

- Q13 I'd like to ask each person who has been recreational saltwater fishing in the last 2 months a few questions about their fishing trip(s). What are the first names of the people in your household who have been recreational saltwater fishing in the past 2 months?"

### **Angler Screening**

Angler screening questions must be repeated for each new angler interviewed. Screening for each angler introduces the survey, must cover the definitions that establish eligibility (saltwater, finfish, eligible trips), and must paraphrase the privacy act.

Hello, I'm conducting a survey on recreational saltwater fishing for the National Marine Fisheries Service. We want to gather information from people who have been recreational saltwater fishing. Saltwater fishing includes fishing in oceans, sounds, or bays, or in brackish portions of rivers. This does not include fishing in freshwater, or for shellfish, such as crabbing. Recreational fishing means the primary purpose of the fishing is for fun or relaxation, as opposed to providing income from the sale of fish.

I understand that you've been saltwater fishing in the past 2 months. I'd like to ask you a few questions about your most recent fishing trips. All of your answers will be kept confidential, and this survey is voluntary, so you are not required to answer any question that you feel is an invasion of your privacy.

In many cases all the fishermen in the household take all of their trips together. To avoid unnecessary burden and allow more efficient looping, this information is collected at the beginning of trip profiling.

Q1 First, did all of the fishermen in your household take all of their fishing trips together over the last 2 months?

Next, each angler is asked questions to determine if he/she had a saltwater fishing license during the wave. Again, these questions are only asked of anglers in states where the ALDS is being conducted.

Q2 During the past twelve months, did you have a FISHING LICENSE for the state of *{restore state of residence}* ?

Q3 Was this particular license for Recreational Saltwater Fishing?

Q4 Was this license valid between *{Restore Wave Period}*?

### **Trip Profiling Instructions**

All anglers in the household must be interviewed separately about their fishing trips in the last two months. There are exceptions to this rule (see Dialing Procedures, 4.1.1).

Two-Month Trips: The first questions determine the total numbers of days in which the angler took fishing trips in the previous two months. For estimation purposes, it is necessary to separate in-state trips from out-of-state trips.

QT1 On how many days in the past two months, between *{TODAY- days in wave}* AND *{TODAY-1}*, did you (s/he) go recreational saltwater fishing in *{state of residence}* or in a boat launched from *{state of residence}*?

QT2 On how many days in the past two months, between *{TODAY- days in wave}* and *{TODAY-1}*, did you (s/he) go saltwater fishing in any coastal state or territory of the US other than *{ state of residence}* or from a boat launched from another coastal state or territory of the US?

The following questions are then asked for each fishing day (total of QT1 and QT2) in the wave until all trips are profiled.

Date of Trip - Beginning with the most recent trip, the interviewer must record the date (month and day) of the fishing trip. If the respondent cannot recall the exact day of the month, the interviewer should probe for the month, and whether it was a weekday or a weekend day (including holidays). The CATI system should

display allowable dates, and interviewers must have a calendar available to help respondents determine dates.

QT3 [Ask for 1<sup>st</sup> trip] When did you (s/he) last go saltwater fishing? Or [Ask if not 1<sup>st</sup> trip] Can you tell me the date of the saltwater fishing trip prior to that one? I have a calendar with me in case we need to look up some of the specific dates.

QT3a [If respondent can't remember the date in Q3, ask] Was that a weekday or weekend?

If an angler cannot recall all the trips within the two month period, the interviewer must note the date they stopped counting. The angler must then be asked to estimate the number of trips in each mode of fishing during the period between their last reported trip date and the beginning of the two month period.

Mode of Trip - There may be more than one fishing trip within a day and all such trips should be profiled. If more than one mode was used during a fishing day, the interviewers should record each mode (shore, private/rental boat or charter/head boat) as a separate trip; however, if a fisherman made 2 outings in the same mode in a day, that only counts as one trip. Interviewers must record a single fishing mode for each trip.

QT4 On that day, did you ( he/she) fish from a boat?

If no, skip to QT5 for shore fishing.

QT4a [Ask if Q4 =yes] Was that from a ... [read]

- 1 Party or head boat -- CATEGORY B
- 2 Charter boat -- CATEGORY B
- 3 Private boat -- CATEGORY C
- 4 Rental boat -- CATEGORY C
- 5 Boat - don't know what type -- CATEGORY C

A respondent may choose up to two boat types for the day but the two responses can not be from the same category, i.e. a respondent could choose the following boat mode combinations: (1&3) or (2&3) or (1&4) or (2&4).

If a respondent reports Charter/party fishing, follow-up questions are asked to determine if the respondent is a captain or member of the crew.

Even if the respondent has one or more boat trips, the interviewer must ask if there were any shore trips made that day.

QT5 On that day, did you (he/she) fish from the shore?

or On that day, did you also (he/she) fish from the shore? (If QT4 was "Yes")

QT5a [Ask if QT5=yes] Was that from a ... [read]

- 1 Pier
- 2 Dock
- 3 Jetty / Breakwater
- 4 Bridge / Causeway
- 5 Other manmade structure
- 6 Bank / Beach

The CATI program should assign a consecutive trip number for each trip by an individual angler.

State of Fishing - Interviewers should record the three digit FIPS code for the state of fishing, or the state where a boat returned. Trips to all coastal states and U.S. territories are eligible, and the CATI system should provide a list of those coastal states. Trips to inland states are not eligible.

QT6 [For boat trips, use:] To what coastal state or US territory did the boat return?

[For shore trips, use:] In what state or U.S. territory were you fishing?  
[Prompt as needed with a list of states]

County of Fishing - Interviewers should record the three digit FIPS code for the county of fishing, or the county where the boat returned. A series of follow-up questions may be necessary if the county of fishing is unknown, or an angler reports fishing in a county that does not have saltwater access.

QT7 [For boat trips, use:] To what coastal county/parish/island/municipality did the boat return?

[For shore trips, use:] In what coastal county/parish/island/municipality were you fishing?

Access to Fishing – Anglers are asked how they accessed the water; through a public access site or a privately owned site. A series of follow-up questions are asked to specifically determine the access type.

QT8 Does the public have access to the place from which the boat left, or is it private access?

Time of Return – Anglers are asked to report the time that the fishing trip ended.

QT9 At what time did you stop fishing?

Type of Water Fished - Anglers are asked what type of "water body" they did most of their fishing in during that day's fishing trip. In certain circumstances, follow-up questions may be asked to confirm that fishing was in saltwater, or to identify specific water bodies.

QT10 Was most of your fishing effort that day in the ocean, a sound, a river, a bay or an inlet?

If an angler attempts to terminate an interview before all trips are profiled, the CATI system should allow the interviewer to skip to a section where they can record all remaining trips by mode, if possible, and skip the rest of the trip details.

At the end of each trip profile, the CATI program should loop to the next logical action:

- 1) profile the next most recent fishing day and trips, or
- 2) if all trips are profiled, thank the respondent and either terminate the interview or ask for the next available angler.

At the end of the interview, after all trip information has been collected, a series of questions are asked to determine how many telephone lines service the household. This allows us to determine selection probabilities for each household. Currently, these questions are asked of all households that report fishing and a 10% random sample of non-fishing households.

QP1 Not including cell phones, how many different telephone numbers are there in your home?

QP2 Of these {restore QP1} telephone numbers, how many are never used for talking and instead are always connected to a fax machine or computer modem?

QP3 Of the remaining {restore (QP1-QP2)} telephone numbers, how many are for business use only?

QP4 I calculate that you have {restore QP1-QP2-QP3} residential telephone lines. Does this sound right?

That concludes the questions that I have about your fishing. Thank you very much for your time and assistance.

If there are additional anglers in the household who still need to be interviewed, ask: "Now, may I please speak to: "

If respondent indicates that one or more of the people listed are children, ask current respondent to continue answering the questions based on the child's fishing activities.

## **Appendix E**

# **CHTS Telephone Interview Data Set Formats, Variables, and Codes**

## Fishing Household Telephone Interview Files

**TYPE 1 RECORDS****HOUSEHOLD INFORMATION**

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Label
2	CNTY_RES	Num	8	8	COUNTY OF RESIDENCE - FIPS CODE
3	CODENUM	Num	8	16	HOUSEHOLD ID NUMBER (UNIQUE FOR EACH HH)
1	COMMERCE	Num	8	0	NO. OF COMMERCIAL FISHERMEN IN HHOLD
23	DATE1	Char	14	178	DATE DATASET CREATED
4	FF2	Num	8	24	NUMBER OF 2 MONTH ANGLERS IN STATE ONLY
5	FF12	Num	8	32	NUM. OF 12MON.FSHMN INSTATE
19	HI_ISLND	Num	8		HAWAII ISLAND OF RESIDENCE
	LIC_HH	Num	8		DO LICENSED ANGLERS LIVE IN HH
	LICENSE	Num	8		NUMBER OF LICENSED ANGLERS IN HH
6	NOTINT_F	Num	8	40	NEVER INT. NO PROXY DATA INCL INSTATE
7	NOTINT_O	Num	8	48	CHILDREN/OTHER LANG. W/PROXY INSTATE
8	NOTINT_R	Num	8	56	ANGLERS REFUSING TO GIVE DATA INSTATE
9	NOTINT_U	Num	8	64	ANGLERS W/PROXY DATA INCL INSTATE
	NUM_FONS	Num	8		NUMBER OF RESIDENTAL TELEPHONE LINES
10	NUM_INT	Num	8	72	NUM. 2MO. FSHMN INSTATE
11	OUTLIER	Num	8	80	OUTLIER VARIFIED OR NOT
12	OUT_FF	Num	8	88	NUMBER OF 2 MONTH OUT OF STATE ANGLERS
22	PHONENUM	Char	10	168	PHONE NUMBER OF HH
14	REG_RES	Num	8	104	REGION OF RESIDENCE 1 = Southern California 2 = Northern California 3 = Pacific Northwest 4 = North Atlantic 5 = Mid-Atlantic 6 = South Atlantic 7 = Gulf of Mexico 8 = Hawaii 9 = Texas 10 = Alaska 11 = Caribbean
24	REL_DATE	Char	8	192	DATE RECORD RELEASED FOR CALLING
	SAMETRPS	Num	8		ANGLERS TOOK ALL TRIPS TOGETHER
15	ST_RES	Num	8	112	STATE OF RESIDENCE - FIPS CODE
25	SUBSIST	Num	8	200	RECREATION V. SUBSISTENCE FISHING (PUERTO RICO/VI ONLY) 01-ALL SUB, 02-MOSTLY SUB, 03-BOTH SUB & REC., 04-MOSTLY REC, 05-ALL REC, 98-DON=T KNOW, 99-REFUSED
16	TOT_2MO	Num	8	120	TOTAL IN STATE AND OUT OF STATE ANGLERS
17	TOT_HH	Num	8	128	TOTAL PEOPLE IN HH(FISHING AND NONFISHING)
18	WAVE	Num	8	136	WAVE
19	YEAR	Num	8	144	SURVEY YEAR (4-digit)

TYPE 2 RECORDSANGLER INFORMATION

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Label
2	CNTY_RES	Num	8	8	COUNTY OF RESIDENCE - FIPS CODE
1	CODENUM	Num	8	0	HOUSEHOLD ID
10	DATE1	Char	14	72	DATE DATASET CREATED
5	DATE_INT	Char	8	32	DATE OF INTERVIEW
14	FSHRNUM	Num	8	110	FISHERMAN NUMBER
27	INTVUER	Num	8	214	INTERVIEWER ID
15	LANG	Num	8	118	LANGUAGE OF INTERVIEW 1=English 2=Spanish
	LIC_ANG	Num	8		LICENSSED ANGLER
	NUM_IN	Num	8		NUMBER OF TRIPS CLAIMED - INSTATE
	NUM_OUT	Num	8		NUMBER OF TRIPS CLAIMED - OUT-OF-STATE
9	NUM_TRPS	Num	8	64	NUMBER OF TRIPS
3	REG_RES	Num	8	16	REGION OF RESIDENCE
7	RM_1	Num	8	48	WAS REMAINING DAYS CHANGED? 1 respondent will continue 2 need to change number of initial trips 3 respondent refused
6	RM_DAYS	Num	8	40	NUMBER OF REMAINING DAYS
18	RM_PC	Num	8	142	NO. OF REMAINING PARTY/CHARTER TRIPS
20	RM_PCCTY	Num	8	158	REMAINING PARTY/CHARTER COUNTY
19	RM_PCST	Num	8	150	REMAINING PARTY/CHARTER STATE
21	RM_PR	Num	8	166	NO. OF REMAINING PRIVATE/RENTAL TRIPS
23	RM_PRCTY	Num	8	182	REMAINING PRIVATE/RENTAL COUNTY
22	RM_PRST	Num	8	174	REMAINING PRIVATE/RENTAL STATE
24	RM_SH	Num	8	190	NO. OF REMAINING SHORE TRIPS
26	RM_SHCTY	Num	8	206	REMAINING SHORE COUNTY
25	RM_SHST	Num	8	198	REMAINING SHORE STATE
12	RSP_77	Num	8	94	DIDN'T DISCUSS ALL TRIPS; 1=CAN'T REMEMBER; 2=REFUSES; 3=PROXY DON=T KNOW; 4=ALL TRIPS SAME; 5=CHANGE # OF TRIPS
13	SOURCE	Num	8	102	INFORMATION PROVIDED BY
4	ST_RES	Num	8	24	STATE OF RESIDENCE - FIPS CODE
1	TWO_MON	Num	8	86	2 MONTH INFO - RECALL ALL TRIPS? 1=Yes 2=No
16	WAVE	Num	8	126	SURVEY WAVE
17	YEAR	Num	8	134	SURVEY YEAR
16	HI_FCAT	Num	8		HAWAII FISHERMAN CATEGORY
15	HI_ISLND	Num	8		HAWAII ISLAND OF RESIDENCE
28	HI_RM_PC	Num	8		HAWAII REMAINING PARTY/CHARTER ISLAND
29	HI_RM_PR	Num	8		HAWAII REMAINING PRIVATE/RENTAL ISLAND
30	HI_RM_SH	Num	8		HAWAII REMAINING SHORE ISLAND

**TYPE 3 RECORDS****TRIP INFORMATION**

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Label
1	ACCESS	Num	8	0	PUBLIC VS PRIVATE ACCESS (PACIFIC)
	AREA_X	Char	2		DISTANCE FISHED FROM SHORE
29	AREA	Char	2	240	AREA OF FISHING
2	CNTY	Num	8	8	COUNTY OF TRIP
3	CNTY_RES	Num	8	16	COUNTY OF RESIDENCE
4	CODENUM	Num	8	24	HOUSEHOLD ID
30	DATE1	Char	14	242	DATE DATASET CREATED
31	DATE_TRP	Char	8	256	DATE OF TRIP
5	FOREIGN	Num	8	32	FOREIGN WATERS
7	FSHRNUM	Num	8	48	FISHERMAN NUMBER
9	LAUNCH	Num	8	64	BOAT LAUNCH SITES CHARACTERISTICS
36	MODE_F	Char	1	267	MODE OF FISHING
35	MODE_FX	Char	1	266	MODE COLLAPSED
33	MUNI_RES	Num	8	224	MUNICIPIO (ISLAND) OF RESIDENCE
34	MUNI_TRP	Num	8	232	MUNICIPIO (ISLAND) OF TRIP
10	NUM_BASS	Num	8	72	NUMBER STRIPED BASS CAUGHT
28	POTRIVER	Num	8	216	POTOMAC RIVER FISHING WAS TRIP IN POTOMAC RIVER (VA AND MD RESIDENTS ONLY W/ RIVER FISHING); 1=YES; 2=NO; 98=DON=T KNOW; 99=REFUSED
11	PUNCH	Num	8	80	PUNCH CARD AREAS IN WASHINGTON (0-13); 77=LOOP STOP; 98=DK/REF
12	REG_RES	Num	8	88	REGION OF RESIDENCE
13	RIVER	Num	8	96	RIVER CODE; 77=LOOP STOP; 98=DON=T KNOW; 99=REFUSED
14	SALMON	Num	8	104	SALMON TRIP; 1=YES
15	ST	Num	8	112	STATE OF TRIP
16	ST_RES	Num	8	120	STATE OF RESIDENCE

(continued)

## -----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Label
17	SUB_REG	Num	8	128	SUBREGION OF TRIP 1 = Southern California 2 = Northern California 3 = Pacific Northwest 4 = North Atlantic 5 = Mid-Atlantic 6 = South Atlantic 7 = Gulf of Mexico 8 = Hawaii 9 = Texas 10 = Alaska 11 = Caribbean
18	TIME	Num	8	136	TIME OF DAY
19	TRIP_FLG	Num	8	144	IN OR OUT OF STATE TRIP FOR PC ONLY
20	TRIP_NUM	Num	8	152	TRIP NUMBER
21	WAVE	Num	8	160	WAVE
22	WEEKEND	Num	8	168	WEEKEND/WEEKDAY QUESTION 1=WEEKEND; 2=WEEKDAY; 9=DON=T KNOW
23	YEAR	Num	8	176	SURVEY YEAR
23	HI_BMTH	Num	8		HAWAII BOTTOMFISHING METHOD
34	HI_BMTHO	Char	20		HAWAII OTHER BOTTOMFISHING METH.
21	HI_FMTH	Num	8		HAWAII BOAT FISHING METHOD
32	HI_FMTHO	Char	20		HAWAII OTHER BOAT METHOD
22	HI_HMTH	Num	8		HAWAII HANDLINING METHOD
33	HI_HMTHO	Char	20		HAWAII OTHER HANDLINING METHOD
19	HI_ISLND	Num	8		HAWAII ISLAND OF RESIDENCE CODE
50	HI_SMTH	Num	5		HAWAII SHORE FISHING METHOD
31	HI_SMTHO	Char	20		HAWAII OTHER SHORE METHOD
28	HI_SOLD	Num	8		HAWAII SOLD ANY OF CATCH?
24	HI_TARG1	Num	8		HAWAII TARGET SPECIES 1
25	HI_TARG2	Num	8		HAWAII TARGET SPECIES 2
26	HI_TARG3	Num	8		HAWAII TARGET SPECIES 3
27	HI_TARG4	Num	8		HAWAII TARGET SPECIES 4
35	HI_TARGO	Char	20		HAWAII OTHER TARGET SPECIES
20	HI_TRPCY	Num	8		HAWAII ISLAND OF FISHING
42	WA_TARG1	Num	5		WASHINGTON TARGET SPECIES 1
43	WA_TARG2	Num	5		WASHINGTON TARGET SPECIES 2
44	WA_TARG3	Num	5		WASHINGTON TARGET SPECIES 3
45	WA_TARG4	Num	5		WASHINGTON TARGET SPECIES 4
36	WA_TARGO	Char	30	\$30.	WASHINGTON OTHER TARGET SPECIES

NF RECORDS

## NON FISHING FILES

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Label
2	CNTY_RES	Num	8	8	COUNTY OF RESIDENCE - FIPS CODE
6	FISHING	Num	8	40	# OF FISHING HSHLDS (INCLUDING 0 TRIP HHLDS)
11	FLE_DATE	Char	14	104	DATE SAS FILE CREATED BY MACRO
3	HH_NOINT	Num	8	16	INITIALLY ID=D AS FISHING HH BUT NO INTERVIEW TO CONFIRM OR OBTAIN INFO
5	NON_FISH	Num	8	32	NUMBER OF NON FISHING HH REPORTED
7	NON_SW	Num	8	48	INITIALLY ID=D AS FISHING HH BUT SUBSEQUENT INTERVIEW DETERMINED NON-FISH OR FRESHWATER
10	PERCENT	Num	8	72	% FISHING HSHLDS (FISHING/TOT_CONT)
4	REG_RES	Num	8	24	REGION OF RESIDENCE ASSIGNED BY MACRO 1 = Southern California 2 = Northern California 3 = Pacific Northwest 4 = North Atlantic 5 = Mid-Atlantic 6 = South Atlantic 7 = Gulf of Mexico
1	ST_RES	Num	8	0	STATE OF RESIDENCE - FIPS CODE
12	TOT_CONT	Num	8	80	SAMPLE SIZE (NON_FISH + FISHING)
13	WAVE	Num	8	88	WAVE OF SURVEY
14	YEAR	Num	8	96	YEAR OF SURVEY
3	HI_ISLND	Num	8		HI ISLAND CODE

PL RECORDS

## PHONE LINE INFORMATION

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
4	cnty_res	Num	8	COUNTY OF RESIDENCE
3	codenum	Num	8	HOUSEHOLD ID
6	hi_islnd	Num	8	HI ISLAND CODE
1	num_fons	Num	8	NUMBER OF RESIDENTIAL TELEPHONES
2	reg_res	Num	8	REGION OF RES ASSIGNED BY CONTRACTOR
5	st_res	Num	8	STATE OF RESIDENCE
7	wave	Num	8	WAVE OF SURVEY
8	year	Num	8	SURVEY YEAR

## **Appendix F**

### **Non-Disclosure Forms for Staff Handling Confidential Data**

## FISHERIES STATISTICS AND ECONOMICS DIVISION OFFICE HANDBOOK

### PROTECTION OF CONFIDENTIAL FISHERIES STATISTICS

#### PURPOSE:

This section:

- § prescribes policies and procedures for protecting the confidentiality of data submitted to and collected by the National Oceanic and Atmospheric Administration (NOAA)/National Marine Fisheries Service (NMFS) as authorized or required by law;
- § informs authorized users of their obligations for maintaining the confidentiality of data received by NMFS;
- § provides for operational safeguards to maintain the security of data; and
- § states the penalties provided by law for disclosure of confidential data.

This Order covers all confidential data received, collected, maintained, or used by NMFS.

The NMFS headquarters office with primary interest in confidentiality is F/ST1

#### POLICY:

For data subject to this Order, it is NMFS policy that:

- § confidential data shall only be disclosed to the public if required by the Freedom of Information Act (FOIA), 5 U.S.C.552, the Privacy Act, 5 U.S.C. 552a, or by court order.
- § Disclosure of data pursuant to a subpoena issued by an agency of competent jurisdiction is a lawful disclosure.
- § Disclosure pursuant to a subpoena must be approved by GC;
- § individual identifiers shall be retained with data, unless the permanent deletion is consistent with the needs of NMFS and good scientific practice [See Section 6.02c];
- § and a notice is required on all report forms requesting data and must comply with 5 U.S.C. 552a(e)(3) and Paperwork Reduction Act requirements in NAO 216-8, Information Collections and Requirements Needing Office of Management and Budget Clearance. [See E.O. 12600 of June 23, 1987, for additional information regarding the rights of submitters to designate commercial confidential data at the time of submission.]

#### DATA COLLECTION:

To collect data, the Secretary may use Federal employees, contractor employees, or, pursuant to an to an agreement, State employees.

#### General Requirements

- § Personnel authorized to collect Federal data must maintain all documents containing confidential data in secure facilities; and
- § may not disclose confidential data, whether recorded or not, to anyone not authorized to

receive and handle such data.

#### Specific Requirements

- § Each Federal or contractor employee collecting or processing confidential data will be required to read, date, and sign a statement of nondisclosure, that affirms the employee's understanding of NMFS obligations with respect to confidential data and the penalties for unauthorized use and disclosure of the data.
- § Upon signature, the employee's name will be placed on record as an "authorized user," and the employee will be issued certification.
- § Data collected by a contractor must be transferred timely to authorized Federal employees; no copies of these data may be retained by the contractor.
- § NMFS may permit contractors to retain aggregated data. A data return clause shall be included in the agreement.
- § All procedures applicable to Federal employees must be followed by contractor employees collecting data with Federal authority.
- § Under agreements with the State, each State data collector collecting confidential data will sign a statement at least as protective as the one signed by Federal employees, which affirms that the signer understands the applicable procedures and regulations and the penalties for unauthorized disclosure.

STATEMENT OF NON DISCLOSURE:

I have read the NOAA Administrative Order on Confidentiality of Statistics and understand its contents.

I will not disclose any data identified as confidential to any person(s), except as directed by the Assistant Administrator for Fisheries. I am fully aware of the civil and criminal penalties for unauthorized disclosure, misuse, or other violation of the confidentiality of such data.

I understand that I may be subject to criminal and civil penalties under provisions of Titles 5 U.S.C. 552 and 18 U.S.C. 1905, which are the primary Federal statutes prohibiting unauthorized disclosure of confidential data. I may also be subject to civil penalties for improper disclosure of data collected under the Magnuson Act or the MMPA.

\_\_\_\_\_  
Name typed, date

\_\_\_\_\_  
Signature

- Affiliation:    \_\_\_ NMFS  
 (Check one) \_\_\_ Other Federal  
                  \_\_\_ State  
                  \_\_\_ Council Staff  
                  \_\_\_ Council Member  
                  \_\_\_ Contractor  
                  \_\_\_ Grantee

- Type of Data: \_\_\_ Source  
                  \_\_\_ Subregional  
                  \_\_\_ Regional  
                  \_\_\_ Multiregional  
                  \_\_\_ Special

Access Number: \_\_\_\_\_

\_\_\_\_\_  
Signature  
Designated NMFS Official