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Catch and effort data from a sample survey
of charterboat captains in the southeastern
United States, 1985

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INTRODUCTION

During 1985, a sample survey of the marine recreational catch and effort of charterboats in the southeastern United States was conducted by personnel of the National Marine Fisheries Service, Southeast Fisheries Center, Panama City Laboratory (NMFS-PC). The 1985 survey was an annual extension of techniques developed in 1982 (Brusher, Williams, Trent, and Palko. 1984. Mar. Fish. Rev. (46)3:8 p.). The purpose of this report is to make the detailed 1985 catch and effort records available. These data, like those recorded from 1982 through 1984, are available through NMFS-PC.

METHODS

As in 1984 (Williams, Brusher, Palko and Trent. 1985. NOAA Tech. Memo. NMFS-SEFC-157), the 1985 survey was conducted in three phases. The first phase covered from January 1, 1985 through March 31, 1985. The second phase extended from April 1, 1985 through November 30, 1985 (phase two included the bulk of the marine fishing season during 1985), while the third phase (actually the start of the 1986 winter season) only included December 1 through December 31, 1985. The geographical distribution of participating charterboat captains within each phase is shown in Table 1.

Contracted respondents from all phases were statistically chosen from a composite list of captains generated by NMFS-PC. This final address list reflected only those captains willing to enter into contracts, which required daily recording and weekly reporting of catch and effort. During each phase, the necessary number of contracted captains per area (see Table 1) were drawn from this respondent pool. Also in 1985, charterboat captains in some areas (Table 1) volunteered to keep logbooks on their vessels without contracts. During all phases, weekly response from each vessel was monitored. Contracted captains within an area who failed to fulfill reporting requirements were statistically replaced from the list of available area captains. Volunteer captains, however, were not replaced. Since volunteer data were gathered under different circumstances from contracted data, they are listed separately in appendix tables.

Logbooks containing weekly log forms (Figure 1) were provided to the captains, who completed the forms using the following definitions:

1. Fishing Method — "Troll" was defined as fishing activity undertaken with the boat moving under power. "Other" included all other types of fishing.
2. Fishing Zone(s) — Three distinct fishing zones were defined: estuarine or bay waters (zone 1), offshore waters less than ten fathoms deep (zone 2), and offshore waters over ten fathoms deep (zone 3). When more than one zone was fished, all

pertinent numbers were recorded.

3. Hours Actually Fished — Only actual fishing times, rounded to the nearest half-hour, were reported. Running times when hooks were not in the water were specifically excluded.
4. Species and Number Caught — The catches of species (Tables 2 and 3) were reported. Any species not included in the printed list of twenty-four (Fig. 1) were identified in the blank rows and the number of fish that were caught was noted in the appropriate column.
5. Target Group — Captains were requested to indicate what kinds of fish were sought for each fishing method per day. The groups were:
 1. inshore species — barracuda, cobia, drums, jacks, mackerels, pompano, seatrouts, snook, tarpon, tripletails, and small tunas.
 2. offshore species — billfish, dolphin, large tunas, and wahoo.
 3. bottom species — groupers, grunts, porgies, snappers, and triggerfish.
6. For groups one to three, the appropriate box on the log form was marked. No box was marked if shark fishing. Since methods for obtaining target species information are still being evaluated, these reported data have not been included in appendix tables.

Each week, self-addressed, government-franked log forms were mailed to NMFS-PC, where data were transcribed into a computerized system that edited and archived the data and provided analyses.

RESULTS AND INTERPRETATION

Appendix Tables 1 through 31 list the data for the contractual respondents, and Appendix Tables 32 through 46 list the data for the volunteers. Each table reports catch and effort data chronologically for one area and fishing method. Tables for catches recorded in the "other" fishing method column are captioned "non-trolling." The elements within the Appendix Tables are defined as:

1. Date — the actual date fishing activity occurred.
2. Zone — (See no. 2 in methods for zones 1-3.) Fishing in multiple zones was reported as:

zone 4 -- Boat fished in zones 1 and 2.
zone 5 -- Boat fished in zones 1 and 3.
zone 6 -- Boat fished in zones 2 and 3.
zone 7 -- Boat fished in zones 1, 2, and 3.

3. Hours fished -- the total number of hours fished by a single boat on all of its trips on one day using a particular method.
4. Catch per species -- each catch is reported in a "species code:number caught" format; that is, of each pair of numbers, the species code is on the left and the number of fish that were caught is on the right following the colon. One or two spaces may be present between the colon and the number caught. For example, the first entry in Appendix Table 1 (33: 2) shows that 2 mako sharks were caught.
5. Continuation lines -- when more than one line is required to display a day's catch data, the catches are continued on the next line but the date, zone, and hours-fished are not repeated (see Appendix Table 1, May 13). However, when a continuation must extend from the bottom of one column to the top of the next column or page, the trip information is repeated in the new column and a "+" is inserted after the hours-fished (see Appendix Table 3, August 28).

Table 1. Geographic distribution of contracted and volunteer respondents per survey phase during 1985 charterboat survey.

Area name	Geographic boundaries	Phase 1		Phase 2		Phase 3	
		Cont	Vol	Cont	Vol	Cont	Vol
North Carolina	—			3	4	3	
South Carolina	—			2			
Georgia	—			2			
Northeast Florida	GA/FL state line to Ormond Beach			2		2	
East Florida	Holly Hill to Fort Pierce	3	1	3	1	2	
Southeast Florida	Stuart to Elliott Key	3		2	1	2	
South Florida	Key Largo to Key West to Chokoloskee	3		3	1		
Southwest Florida	Everglades City to Laurel	3		2			
West Florida	Osprey to Crystal River	3		3		1	
Northwest Florida	Yankeetown to FL/AL state line		1	3	5	1	
Alabama	—			2		1	
Mississippi	—			2			
Louisiana	—	3		3		1	
North Texas	LA/TX state line to Port O'Connor			2	1	1	
South Texas	Rockport to USA/Mexico border		1	6	1		
Caribbean	Puerto Rico and U.S. Virgin Islands	3		3		3	
		<u>21</u>	<u>3</u>	<u>43</u>	<u>14</u>	<u>17</u>	<u>—</u>

Table 2. Common names, scientific names, and numeric codes of species reported in 1985 listed alphabetically by common name.

<u>Common Name</u>	<u>Scientific Name</u>	<u>Species Code</u>
African pompano	<u>Alectis ciliaris</u>	103
Albacore	<u>Thunnus alalunga</u>	32
Almaco jack	<u>Seriola rivoliana</u>	41
Atlantic bonito	<u>Sarda sarda</u>	8
Atlantic croaker	<u>Micropogonias undulatus</u>	27
Atlantic cutlassfish	<u>Trichiurus lepturus</u>	121
Atlantic mackerel	<u>Scomber scombrus</u>	102
Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>	56
Atlantic spadefish	<u>Chaetodipterus faber</u>	63
Bar jack	<u>Caranx ruber</u>	67
Bigeyes	<u>Priacanthidae</u>	106
Bigeye tuna	<u>Thunnus obesus</u>	105
Black drum	<u>Pogonias cromis</u>	43
Black grouper	<u>Mycteroperca bonaci</u>	19
Black sea bass	<u>Centropristis striata</u>	15
Blackfin tuna	<u>Thunnus atlanticus</u>	23
Blacktip shark	<u>Carcharhinus limbatus</u>	29
Blue marlin	<u>Makaira nigricans</u>	38
Blue runner	<u>Caranx crysos</u>	7
Bluefish	<u>Pomatomus saltatrix</u>	5
Bull shark	<u>Carcharhinus leucas</u>	87
Cero	<u>Scomberomorus regalis</u>	25
Cobia	<u>Rachycentron canadum</u>	2
Codfishes	<u>Gadidae</u>	114
Coney	<u>Epinephelus fulvus</u>	131
Crevalle jack	<u>Caranx hippos</u>	12
Cusk-eels	<u>Ophidiidae</u>	47
Dog snapper	<u>Lutjanus jocu</u>	142
Dolphin	<u>Coryphaena hippurus</u>	24
Dusky shark	<u>Carcharhinus obscurus</u>	75
Filefishes	<u>Aluterus sp.</u>	144
Florida pompano	<u>Trachinotus carolinus</u>	84
Flounder	<u>Paralichthys sp.</u>	70
Gafftopsail catfish	<u>Bagre marinus</u>	73
Gag	<u>Mycteroperca microlepis</u>	17
Gray snapper	<u>Lutjanus griseus</u>	54
Gray triggerfish	<u>Balistes capriscus</u>	20
Great barracuda	<u>Sphyraena barracuda</u>	11
Greater amberjack	<u>Seriola dumerili</u>	13
Grunts	<u>Haemulidae</u>	76
Hammerhead shark	<u>Sphyrna sp.</u>	35
Hardhead catfish	<u>Arius felis</u>	90
Hinds	<u>Epinephelus sp.</u>	118
Horse-eye jack	<u>Caranx latus</u>	74

Table 2. Continued

<u>Common Name</u>	<u>Scientific Name</u>	<u>Species Code</u>
Houndfish	<u>Tylosurus crocodilus</u>	40
Jewfish	<u>Epinephelus itajara</u>	64
King mackerel	<u>Scomberomorus cavalla</u>	1
Kingfish	<u>Menticirrhus sp.</u>	45
Ladyfish	<u>Elops saurus</u>	9
Lane snapper	<u>Lutjanus synagris</u>	42
Leatherjacket	<u>Oligoplites saurus</u>	123
Leatherjackets	Balistidae	99
Lemon shark	<u>Negaprion brevirostris</u>	95
Lesser amberjack	<u>Seriola fasciata</u>	72
Little tunny	<u>Euthynnus alletteratus</u>	6
Lizardfishes	Synodontidae	86
Mako	<u>Isurus sp.</u>	33
Morays	Muraenidae	51
Mutton snapper	<u>Lutjanus analis</u>	60
Nassau grouper	<u>Epinephelus striatus</u>	130
Nurse shark	<u>Ginglymostoma cirratum</u>	97
Permit	<u>Trachinotus falcatus</u>	88
Pinfish	<u>Lagodon rhomboides</u>	30
Porgies	Sparidae	50
Puffers	Tetraodontidae	77
Rainbow runner	<u>Elagatis bipinnulata</u>	57
Red drum	<u>Sciaenops ocellatus</u>	4
Red grouper	<u>Epinephelus morio</u>	18
Red snapper	<u>Lutjanus campechanus</u>	14
Remoras	Echeneidae	78
Rock sea bass	<u>Centropristis philadelphica</u>	69
Sailfish	<u>Istiophorus platypterus</u>	39
Sand perch	<u>Diplectrum sp.</u>	85
Sand seatrout	<u>Cynoscion arenarius</u>	28
Sandbar shark	<u>Carcharhinus plumbeus</u>	112
Scamp	<u>Mycteroperca phenax</u>	16
Sea basses	Serranidae	81
Searobins	Triglidae	46
Seatrout	<u>Cynoscion sp.</u>	58
Sennet	<u>Sphyræna sp.</u>	122
Sharks	Squaliformes	36
Sheepshead	<u>Archosargus probatocephalus</u>	34
Silky shark	<u>Carcharhinus falciformis</u>	59
Silver seatrout	<u>Cynoscion nothus</u>	135
Skipjack tuna	<u>Euthynnus pelamis</u>	68
Snappers	Lutjanidae	82
Snook	<u>Centropomus sp.</u>	92
Snowy grouper	<u>Epinephelus niveatus</u>	79
Soapfish	<u>Rypticus sp.</u>	53
Spanish mackerel	<u>Scomberomorus maculatus</u>	3
Spearfish	<u>Tretrapturus sp.</u>	146

Table 2. Continued

<u>Common Name</u>	<u>Scientific Name</u>	<u>Species Code</u>
Spottail pinfish	<u>Diplodus holbrooki</u>	136
Spotted seatrout	<u>Cynoscion nebulosus</u>	31
Squirrelfishes	<u>Holocentridae</u>	133
Tarpon	<u>Megalops atlanticus</u>	10
Tiger shark	<u>Galeocerdo cuvieri</u>	91
Tilefishes	<u>Malacanthidae</u>	80
Toadfish	<u>Opsanus sp.</u>	48
Vermilion snapper	<u>Rhomboplites aurorubens</u>	62
Wahoo	<u>Acanthocybium solanderi</u>	22
Warsaw grouper	<u>Epinephelus nigritus</u>	37
White marlin	<u>Tetrapturus albidus</u>	55
Wrasses	<u>Labridae</u>	96
Yellow jack	<u>Caranx bartholomaei</u>	120
Yellowfin grouper	<u>Mycteroperca venenosa</u>	49
Yellowfin tuna	<u>Thunnus albacares</u>	21
Yellowtail snapper	<u>Ocyurus chrysurus</u>	26

Table 3. Common names, scientific names, and numeric codes of species reported in 1985 listed in code sequence.

<u>Common Name</u>	<u>Scientific Name</u>	<u>Species Code</u>
King mackerel	<u>Scomberomorus cavalla</u>	1
Cobia	<u>Rachycentron canadum</u>	2
Spanish mackerel	<u>Scomberomorus maculatus</u>	3
Red drum	<u>Sciaenops ocellatus</u>	4
Bluefish	<u>Pomatomus saltatrix</u>	5
Little tunny	<u>Euthynnus alletteratus</u>	6
Blue runner	<u>Caranx crysos</u>	7
Atlantic bonito	<u>Sarda sarda</u>	8
Ladyfish	<u>Elops saurus</u>	9
Tarpon	<u>Megalops atlanticus</u>	10
Great barracuda	<u>Sphyaena barracuda</u>	11
Crevalle jack	<u>Caranx hippos</u>	12
Greater amberjack	<u>Seriola dumerili</u>	13
Red snapper	<u>Lutjanus campechanus</u>	14
Black sea bass	<u>Centropristis striata</u>	15
Scamp	<u>Mycteroperca phenax</u>	16
Gag	<u>Mycteroperca microlepis</u>	17
Red grouper	<u>Epinephelus morio</u>	18
Black grouper	<u>Mycteroperca bonaci</u>	19
Gray triggerfish	<u>Balistes capriscus</u>	20
Yellowfin tuna	<u>Thunnus albacares</u>	21
Wahoo	<u>Acanthocybium solanderi</u>	22
Blackfin tuna	<u>Thunnus atlanticus</u>	23
Dolphin	<u>Coryphaena hippurus</u>	24
Cero	<u>Scomberomorus regalis</u>	25
Yellowtail snapper	<u>Ocyurus chrysurus</u>	26
Atlantic croaker	<u>Micropogonias undulatus</u>	27
Sand seatrout	<u>Cynoscion arenarius</u>	28
Blacktip shark	<u>Carcharhinus limbatus</u>	29
Pinfish	<u>Lagodon rhomboides</u>	30
Spotted seatrout	<u>Cynoscion nebulosus</u>	31
Albacore	<u>Thunnus alalunga</u>	32
Mako	<u>Isurus sp.</u>	33
Sheepshead	<u>Archosargus probatocephalus</u>	34
Hammerhead shark	<u>Sphyrna sp.</u>	35
Sharks	<u>Squaliformes</u>	36
Warsaw grouper	<u>Epinephelus nigritus</u>	37
Blue marlin	<u>Makaira nigricans</u>	38
Sailfish	<u>Istiophorus platypterus</u>	39
Houndfish	<u>Tylosurus crocodilus</u>	40
Almaco jack	<u>Seriola rivoliana</u>	41
Lane snapper	<u>Lutjanus synagris</u>	42
Black drum	<u>Pogonias cromis</u>	43
Kingfish	<u>Menticirrhus sp.</u>	45
Searobins	<u>Triglidae</u>	46
Cusk-eels	<u>Ophidiidae</u>	47

Table 3. Continued

<u>Common Name</u>	<u>Scientific Name</u>	<u>Species Code</u>
Toadfish	<u>Opsanus sp.</u>	48
Yellowfin grouper	<u>Mycteroperca venenosa</u>	49
Porgies	<u>Sparidae</u>	50
Morays	<u>Muraenidae</u>	51
Soapfish	<u>Rypticus sp.</u>	53
Gray snapper	<u>Lutjanus griseus</u>	54
White marlin	<u>Tetrapturus albidus</u>	55
Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>	56
Rainbow runner	<u>Elagatis bipinnulata</u>	57
Seatrout	<u>Cynoscion sp.</u>	58
Silky shark	<u>Carcharhinus falciformis</u>	59
Mutton snapper	<u>Lutjanus analis</u>	60
Vermilion snapper	<u>Rhomboplites aurorubens</u>	62
Atlantic spadefish	<u>Chaetodipterus faber</u>	63
Jewfish	<u>Epinephelus itajara</u>	64
Bar jack	<u>Caranx ruber</u>	67
Skipjack tuna	<u>Euthynnus pelamis</u>	68
Rock sea bass	<u>Centropristis philadelphica</u>	69
Flounder	<u>Paralichthys sp.</u>	70
Lesser amberjack	<u>Seriola fasciata</u>	72
Gafftopsail catfish	<u>Bagre marinus</u>	73
Horse-eye jack	<u>Caranx latus</u>	74
Dusky shark	<u>Carcharhinus obscurus</u>	75
Grunts	<u>Haemulidae</u>	76
Puffers	<u>Tetraodontidae</u>	77
Remoras	<u>Echeneidae</u>	78
Snowy grouper	<u>Epinephelus niveatus</u>	79
Tilefishes	<u>Malacanthidae</u>	80
Sea basses	<u>Serranidae</u>	81
Snappers	<u>Lutjanidae</u>	82
Florida pompano	<u>Trachinotus carolinus</u>	84
Sand perch	<u>Diplectrum sp.</u>	85
Lizardfishes	<u>Synodontidae</u>	86
Bull shark	<u>Carcharhinus leucas</u>	87
Permit	<u>Trachinotus falcatus</u>	88
Hardhead catfish	<u>Arius felis</u>	90
Tiger shark	<u>Galeocerdo cuvieri</u>	91
Snook	<u>Centropomus sp.</u>	92
Lemon shark	<u>Negaprion brevirostris</u>	95
Wrasses	<u>Labridae</u>	96
Nurse shark	<u>Ginglymostoma cirratum</u>	97
Leatherjackets	<u>Balistidae</u>	99
Atlantic mackerel	<u>Scomber scombrus</u>	102
African pompano	<u>Alectis ciliaris</u>	103
Bigeye tuna	<u>Thunnus obesus</u>	105
Bigeyes	<u>Priacanthidae</u>	106
Sandbar shark	<u>Carcharhinus plumbeus</u>	112

Table 3. Continued

<u>Common Name</u>	<u>Scientific Name</u>	<u>Species Code</u>
Codfishes	Gadidae	114
Hinds	Epinephelus sp.	118
Yellow jack	Caranx bartholomaei	120
Atlantic cutlassfish	Trichiurus lepturus	121
Sennet	Sphyraena sp.	122
Leatherjacket	Oligoplites saurus	123
Nassau grouper	Epinephelus striatus	130
Coney	Epinephelus fulvus	131
Squirrelfishes	Holocentridae	133
Silver seatrout	Cynoscion nothus	135
Spottail pinfish	Diplodus holbrooki	136
Dog snapper	Lutjanus jocu	142
Filefishes	Aluterus sp.	144
Spearfish	Tetrapturus sp.	146

1985 CHARTER BOAT SURVEY

LOG FOR Mar 31 - Apr 6

FOR OFFICE USE ONLY	
13	

DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			COMMENTS
	FISHING METHOD	TROLL	OTHER	FISHING METHOD	TROLL	OTHER	FISHING METHOD	TROLL	OTHER	FISHING METHOD	TROLL	OTHER	FISHING METHOD	TROLL	OTHER	FISHING METHOD	TROLL	OTHER	FISHING METHOD	TROLL	OTHER	
FISHING ZONE(S)																						
HOURS ACTUALLY FISHED																						
SPECIES																						
KING MACKEREL	1																					
SPANISH MACKEREL	3																					
LITTLE TUNNY	6																					
ATLANTIC BONITO	8																					
BLUE RUNNER	7																					
YELLOWFIN TUNA	21																					
BLACKFIN TUNA	23																					
DOLPHIN	24																					
GREAT BARRACUDA	11																					
WAHOO	22																					
GREATER AMBERJACK	13																					
CREVALLE JACK	12																					
BLUEFISH	5																					
TARPON	10																					
LADYFISH	9																					
COBIA	2																					
RED DRUM	4																					
RED SNAPPER	14																					
SCAMP	16																					
GAG	17																					
RED GROUPER	18																					
BLACK GROUPER	19																					
BLACK SEA BASS	15																					
GRAY TROGGERFISH	20																					
TARGET GROUP	1	2	3	4	5	6	7	8	9	10	11	12	13	14								

Figure 1. Log used in the 1985 charterboat survey.

APPENDIX TABLE 1. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM NORTH CAROLINA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
20 APR	3	5.5	5: 45	21: 10	33: 2	28 MAY	3	6.5	21: 5	22: 2	24: 15		
21 APR	1	3.5	5: 31			28 MAY	3	6.0	21: 2	22: 3	24: 11		
26 APR	3	6.0	6: 2	11: 1	21: 29	29 MAY	3	5.0	21: 24				
27 APR	3	4.0	1: 95			30 MAY	3	7.0	21: 18	24: 2			
27 APR	3	6.0	6: 1	21: 19		31 MAY	3	6.0	21: 24	65: 2			
28 APR	3	4.5	1:108	5: 1		31 MAY	3	6.0	21: 20	24: 1			
28 APR	1	4.0	5: 61			1 JUN	3	6.0	21: 5	22: 1	24: 8		
1 MAY	3	5.0	1: 34	3: 1	5: 4	2 JUN	3	3.5	1: 14	24: 1			
4 MAY	2	3.0	5: 19			2 JUN	3	6.5	21: 15	24: 3			
5 MAY	3	6.0	6: 1	21: 34		3 JUN	3	6.5	21: 6	24: 1			
5 MAY	3	7.0	21: 35	24: 2		3 JUN	3	4.0	65: 24				
6 MAY	2	4.0	1: 6	8: 2		4 JUN	3	6.0	1: 1	21: 8	22: 1		
10 MAY	3	6.0	21: 16			5 JUN	3	6.0	21: 4	24: 60			
11 MAY	2	4.0	1: 34	5: 1	15: 3	6 JUN	3	6.0	21: 7	24: 2			
11 MAY	3	6.0	21: 28	22: 2		6 JUN	3	6.5	21: 7	24: 25			
11 MAY	3	7.0	21: 22	24: 4		7 JUN	3	6.5	21: 3	22: 1	24: 1		
13 MAY	2	3.5	1: 17	5: 2	8: 1	7 JUN	3	6.0	21: 26	22: 2	24: 4		
			13: 2			8 JUN	3	2.5	1: 3	11: 1	13: 2		
14 MAY	3	6.0	21: 38	33: 1		8 JUN	3	6.0	21: 6	22: 1	24: 18		
14 MAY	2	5.0	1: 7	3: 1	5: 4	8 JUN	3	6.0	21: 13	24: 3			
			7: 1			9 JUN	3	2.0	1: 6				
14 MAY	3	6.0	21: 37	24: 4	33: 1	9 JUN	3	2.0	21: 10				
15 MAY	2	3.0	36: 4			10 JUN	3	6.5	24: 40				
15 MAY	3	6.0	5: 5	21: 17	24: 5	11 JUN	3	6.5	21: 1	24: 1			
16 MAY	2	4.5	1: 3	8: 1	17: 2	11 JUN	3	7.0	21: 2	22: 1	24: 64		
16 MAY	3	5.0	21: 30	24: 4		14 JUN	3	6.5	24: 1				
17 MAY	3	6.0	21: 26	24: 6		14 JUN	3	7.0	21: 23	22: 1			
18 MAY	3	3.0	21: 22	22: 1	24: 4	15 JUN	2	1.5	1: 1	13: 2			
19 MAY	3	7.0	21: 26	38: 1		15 JUN	3	6.5	24: 2	55: 1			
20 MAY	6	4.5	1: 59	8: 1		15 JUN	3	7.0	21: 2	24: 46			
20 MAY	3	1.0	21: 12	24: 1		16 JUN	3	3.0	1: 7	3: 1	13: 1		
20 MAY	3	6.0	21: 35	24: 2					24: 1				
21 MAY	3	6.0	21: 14	24: 6	38: 1	17 JUN	3	6.5	21: 8				
21 MAY	3	6.0	21: 20			17 JUN	3	6.0	21: 19	24: 5			
22 MAY	2	4.0	1: 42	8: 1	13: 1	18 JUN	3	6.5	21: 12				
22 MAY	3	6.0	21: 27	24: 3		19 JUN	3	6.0	6: 1	21: 6			
23 MAY	3	5.5	21: 15	24: 3		19 JUN	3	7.0	21: 6				
23 MAY	3	6.5	21: 31	24: 2		20 JUN	3	7.0	21: 6	22: 1			
24 MAY	3	6.0	21: 18	24: 1		21 JUN	2	0.5	1: 1				
24 MAY	3	6.0	21: 18	22: 1	24: 3	21 JUN	3	6.5	6: 1	21: 12			
25 MAY	2	5.0	1: 14	5: 1	8: 3	21 JUN	3	7.0	21: 7	24: 60			
26 MAY	3	6.0	6: 1	21: 6	24: 12	22 JUN	3	4.0	1: 8	11: 3	13: 2		
			65: 4			22 JUN	3	6.0	13: 10	21: 9	22: 1		
26 MAY	3	4.0	1: 16	5: 3	13: 1				24: 4				
27 MAY	3	7.0	21: 6			22 JUN	3	7.0	21: 2	24: 7			
27 MAY	3	6.0	21: 5	22: 2	24: 4	23 JUN	3	6.0	21: 12				
			65: 4	68: 2		24 JUN	3	6.0	21: 19	24: 5			

APPENDIX TABLE 1. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --							
24 JUN	3	6.5	1:	1	21:	1	24:	6	21 JUL	2	5.0	3:	68				
25 JUN	3	6.0	21:	12					21 JUL	3	7.0	21:	6	22:	1	24:	50
25 JUN	3	6.0	38:	1					21 JUL	3	6.0	21:	3	24:	49		
26 JUN	3	6.5	21:	6					22 JUL	3	6.5	21:	5	24:	1	55:	1
27 JUN	3	7.0	21:	6	22:	1			22 JUL	3	7.0	21:	12				
28 JUN	3	6.5	21:	7					23 JUL	3	7.0	21:	3	24:	4		
29 JUN	3	3.0	1:	7	5:	1			25 JUL	3	6.0	22:	1	24:	57		
2 JUL	3	6.5	21:	9	24:	3			25 JUL	3	6.5	24:	40				
2 JUL	3	7.0	21:	4	24:	10	55:	2	26 JUL	3	6.0	24:	71				
3 JUL	3	6.0	21:	10	22:	2	24:	20	26 JUL	3	7.0	21:	4	22:	1	24:	65
4 JUL	3	6.5	22:	1	24:	61			27 JUL	3	4.0	1:	17	11:	4	13:	2
4 JUL	3	6.0	21:	12	22:	1	24:	8	27 JUL	3	7.5	22:	1				
5 JUL	2	2.0	1:	4	11:	12			28 JUL	3	7.0	1:	1	21:	10	22:	1
5 JUL	3	6.5	21:	1	24:	13						24:	80				
5 JUL	3	6.5	21:	7	22:	3	24:	6	28 JUL	3	2.0	1:	6	3:	10	8:	1
6 JUL	3	6.0	21:	5	24:	49						11:	6	13:	1	24:	1
6 JUL	3	7.0	21:	6	24:	12			29 JUL	3	6.5	21:	9	22:	1	24:	85
7 JUL	2	2.5	1:	12					30 JUL	3	7.0	21:	9	22:	1		
7 JUL	3	6.0	21:	12	22:	2	24:	5	30 JUL	3	6.0	21:	5	22:	1	24:	87
8 JUL	3	6.5	21:	9	24:	1			31 JUL	3	2.5	1:	14	24:	1		
8 JUL	3	6.5	21:	13					31 JUL	3	7.0	21:	6	22:	1	24:	20
9 JUL	3	6.0	24:	3	38:	2			31 JUL	3	6.5	21:	9	22:	1	24:	2
9 JUL	3	6.5	8:	1	21:	5	24:	6	1 AUG	3	6.5	21:	6	22:	1	24:	1
10 JUL	2	6.0	1:	26					1 AUG	2	1.0	1:	7	3:	3		
10 JUL	3	6.0	21:	15					1 AUG	3	7.5	21:	3	24:	90		
10 JUL	3	6.0	21:	3	24:	1			4 AUG	3	7.0	21:	14	22:	1	24:	30
11 JUL	3	6.0	21:	10	22:	2			5 AUG	3	6.0	21:	11	22:	1	24:	20
11 JUL	3	7.0	21:	10	24:	1			5 AUG	3	6.0	21:	6	22:	1	24:	6
12 JUL	3	6.0	21:	13	24:	10			6 AUG	3	6.0	21:	7	24:	55		
12 JUL	3	6.5	21:	1					6 AUG	3	7.0	21:	1	24:	90		
13 JUL	3	6.0	21:	12	24:	1	38:	1	7 AUG	3	6.5	21:	2	24:	1		
13 JUL	2	5.0	1:	15	3:	10			7 AUG	3	6.5	21:	19	24:	30		
13 JUL	3	6.0	21:	19	24:	5			8 AUG	3	8.0	21:	9	24:	1		
14 JUL	2	3.0	3:	70					8 AUG	3	7.0	21:	9	22:	1		
14 JUL	3	7.0	21:	6	24:	30			8 AUG	2	1.5	3:	28				
14 JUL	3	6.0	21:	4	24:	76			9 AUG	3	7.0	21:	7	24:	68		
15 JUL	3	7.0	21:	12	24:	60			9 AUG	3	7.0	21:	13	24:	47		
15 JUL	3	6.0	21:	2	24:	10			10 AUG	2	2.5	1:	15	8:	2		
16 JUL	3	7.0	21:	16	24:	40			10 AUG	3	6.0	21:	15	24:	3		
16 JUL	3	6.0	21:	9					10 AUG	3	6.0	21:	15	22:	1		
17 JUL	3	6.5	21:	9	24:	15			12 AUG	3	6.0	21:	10				
17 JUL	3	6.5	21:	2	24:	1			13 AUG	3	7.0	24:	70				
18 JUL	2	3.0	3:	80					14 AUG	3	6.5	38:	1				
19 JUL	3	6.0	24:	41					14 AUG	3	7.0	21:	9	22:	1	24:	4
19 JUL	3	7.0	21:	17					15 AUG	3	6.0	21:	10	22:	1	24:	2
20 JUL	3	7.0	2:	1					15 AUG	3	6.5	21:	18				
20 JUL	3	7.0	21:	12	24:	92			16 AUG	3	6.0	21:	5	22:	1		

APPENDIX TABLE 1. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --	DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --
16 AUG	3	7.0	21: 11	16 SEP	2	6.5	21: 1 24: 30
17 AUG	3	6.0	21: 7	17 SEP	2	6.0	24: 70
17 AUG	3	7.0	21: 10	17 SEP	3	6.0	21: 2 24: 1 55: 2
18 AUG	3	6.0	21: 4 24: 36	18 SEP	2	6.0	21: 12 24: 60
18 AUG	3	7.0	21: 16	18 SEP	3	6.0	21: 3 24: 2
20 AUG	3	6.0	21: 2 24: 25 38: 1	19 SEP	3	3.5	
20 AUG	3	6.0	21: 6 24: 4	19 SEP	3	6.0	
21 AUG	3	7.0	21: 1 22: 3 24: 2	19 SEP	2	6.0	24: 40
22 AUG	3	7.0	21: 4 24: 12	20 SEP	3	6.0	24: 6 55: 1
23 AUG	3	6.5	21: 7 24: 21	20 SEP	2	5.5	21: 1 24: 59 55: 1
24 AUG	3	6.5	21: 8 39: 1	20 SEP	3	4.0	1: 9 13: 1
24 AUG	3	7.0	21: 6 22: 1	21 SEP	2	6.0	21: 3 24: 10 38: 1
25 AUG	3	6.0	21: 6 22: 1				55: 1
25 AUG	3	7.0	21: 12	21 SEP	3	4.0	1: 16 8: 3
26 AUG	3	6.0	21: 4 22: 2 38: 1	21 SEP	3	6.0	24: 41 55: 2
26 AUG	3	4.0	1: 5	24 SEP	3	6.0	21: 1 55: 1
26 AUG	3	7.0	21: 10	24 SEP	3	6.5	21: 3 24: 60
27 AUG	3	6.0	22: 1 24: 2	25 SEP	3	6.5	21: 4 24: 50
28 AUG	3	6.5	21: 4	29 SEP	3	6.5	1: 1 21: 2
29 AUG	3	7.0	21: 3 22: 1	30 SEP	3	6.5	21: 4 24: 2
30 AUG	3	7.0	22: 1 24: 12	2 OCT	3	6.5	21: 2
30 AUG	3	6.0	21: 1 39: 1	3 OCT	3	6.0	21: 8
31 AUG	3	7.0	21: 13	3 OCT	3	4.0	1: 8 6: 5 11: 4
31 AUG	3	6.5	21: 9	4 OCT	3	6.0	21: 7
1 SEP	3	7.0	21: 4 24: 12	4 OCT	2	4.0	1: 12 8: 2 11: 2
1 SEP	3	4.0	1: 17 3: 4 8: 2				13: 1
2 SEP	3	7.0	21: 3	4 OCT	3	6.5	21: 10 24: 10 105: 1
3 SEP	3	6.5	11: 1 21: 2 22: 1	5 OCT	2	2.5	1: 5 8: 4 13: 3
			39: 1	5 OCT	3	4.0	8: 1
3 SEP	3	7.0	24: 88	7 OCT	3	6.0	1: 6 21: 1
4 SEP	3	6.0	22: 1 24: 89	10 OCT	2	2.0	1: 7 8: 1
4 SEP	3	6.5	22: 1 24: 30	11 OCT	3	6.0	21: 1 22: 5
5 SEP	3	6.0	11: 1 21: 16 22: 1	13 OCT	3	3.5	1: 9 3: 1 8: 4
			24: 1				11: 4 13: 1
5 SEP	3	7.0	21: 4 24: 80	13 OCT	3	6.0	1: 51 24: 1
6 SEP	3	6.0	21: 4 24: 3 55: 1	16 OCT	3	4.0	1: 12 8: 3 11: 3
6 SEP	3	7.0	21: 3				22: 4
7 SEP	3	6.0	21: 3 24: 1	18 OCT	3	3.0	1: 21 6: 3
7 SEP	3	6.0	21: 8	18 OCT	2	1.0	13: 1
7 SEP	3	4.0	1: 8 3: 14 8: 3	19 OCT	3	4.0	1: 7 8: 2 13: 2
8 SEP	3	6.5	24: 40 55: 2	19 OCT	3	6.0	1: 42 6: 1
9 SEP	3	6.0	21: 2 22: 1 24: 7	20 OCT	3	4.0	1: 28 8: 2 11: 1
9 SEP	3	6.5	21: 1 55: 3	20 OCT	3	7.0	1: 26 6: 9 23: 1
10 SEP	3	6.0	21: 2 24: 21 38: 1	21 OCT	3	4.0	1: 17 8: 4 13: 2
10 SEP	3	7.0	21: 1 22: 2	22 OCT	3	4.0	1: 18 8: 1 13: 1
11 SEP	3	6.0	21: 4	23 OCT	3	2.5	1: 9 8: 2
12 SEP	2	3.5	1: 14 3: 3	24 OCT	2	4.0	1: 8

APPENDIX TABLE 1. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
25 OCT	3	4.0	1:	9	8:	4					
26 OCT	3	4.0	1:	12	8:	2	13:	3			
27 OCT	2	5.0	1:	18	8:	6	13:	2			
27 OCT	3	7.0	1:	36							
28 OCT	2	5.0	1:	13	13:	4					
3 NOV	3	4.0	1:	19	8:	5	12:	1			
				13:	4						
9 NOV	3	4.0	1:	25	8:	3	13:	2			
10 NOV	3	3.0	1:	18	8:	4	13:	2			
11 NOV	3	5.0	1:	65	8:	15					
12 NOV	3	5.0	1:	73	8:	2					
14 NOV	3	5.0	1:	76	8:	1					
15 NOV	3	5.0	1:	70	8:	3					
17 NOV	3	4.0	1:	35							
18 NOV	3	4.0	1:	25	8:	6	13:	1			
19 NOV	3	4.0	1:	13	8:	2	13:	6			
23 NOV	3	4.0	1:	41	8:	1					
24 NOV	3	4.0	1:	28	8:	3					
25 NOV	3	8.0	1:	36	6:	4					
25 NOV	3	4.0	1:	38	8:	4					
26 NOV	3	7.0	1:	41	6:	6					
26 NOV	3	4.0	1:	42	8:	2					
27 NOV	3	6.0	1:	11	6:	5					
30 NOV	3	4.0	1:	10							
7 DEC	2	2.0	8:	7							
8 DEC	3	3.0	1:	28	8:	2					

APPENDIX TABLE 2. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM NORTH CAROLINA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---		
2 JUN	3	1.5	15:	6							
8 JUN	3	2.0	15:	100							
9 JUN	3	4.0	15:	105	50:	20					
15 JUN	2	3.5	15:	250	50:	40					
16 JUN	3	1.5	15:	50							
21 JUN	2	1.5	15:	150							
23 JUN	3	4.0	15:	128							
24 JUN	2	2.5	15:	100							
30 JUN	2	4.0	15:	200							
2 JUL	2	2.0	15:	117							
3 JUL	2	2.5	15:	117							
4 JUL	2	2.5	15:	167							
5 JUL	2	3.0	15:	67							
7 JUL	2	3.0	15:	100							
11 JUL	2	5.0	15:	200							
18 JUL	2	1.0	15:	50							
20 JUL	3	5.0	15:	250							
28 JUL	3	2.0	15:	125							
31 JUL	3	1.5	15:	70	17:	1					
1 AUG	2	2.5	15:	100							
26 AUG	3	2.0	15:	80							
29 AUG	3	6.0	15:	167							
6 SEP	2	5.0	15:	260							
8 SEP	2	4.0	1:	2	2:	1	15:	138			
9 SEP	2	4.0	1:	4	12:	2	15:	125			
10 NOV	3	2.0	15:	38							
24 NOV	3	2.0	15:	50	17:	6					
25 NOV	3	2.0	15:	38	17:	2					
30 NOV	3	2.0	15:	100	17:	6					
7 DEC	2	1.0	15:	25							

APPENDIX TABLE 3. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM SOUTH CAROLINA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				
20 APR	3	6.0	21:	2	22:	1	10 JUL	2	3.0	1:	3	3:	2	11:	1
26 APR	2	3.0	1:	4	6:	2	10 JUL	2	3.0	1:	3	3:	2	8:	1
27 APR	3	7.0	1:	18	6:	2	13:	1	11 JUL	3	6.0	1:	11	13:	1
			14:	1					12 JUL	3	7.0	1:	6	6:	2
9 MAY	3	7.0	21:	1	24:	1	12 JUL	3	6.0	1:	6	22:	1	24:	1
12 MAY	3	4.0	21:	1			13 JUL	2	3.0	13:	1	29:	2		
19 MAY	3	7.0	21:	2	22:	1	24:	1	15 JUL	2	3.0	1:	2	3:	1
			38:	1					17 JUL	3	5.0	1:	4	8:	1
28 MAY	3	7.0	21:	2	22:	2	24:	1	19 JUL	2	3.0	1:	1	11:	1
29 MAY	3	7.0	21:	1	22:	1	24:	3	20 JUL	3	6.0	1:	2	21:	2
1 JUN	3	7.0	21:	2	22:	1	24:	3				55:	1		
3 JUN	3	6.0							22 JUL	2	3.0	1:	2	3:	2
5 JUN	3	6.0							23 JUL	2	3.0	1:	2	36:	1
6 JUN	2	3.0	1:	4	11:	1			23 JUL	3	6.0	1:	15	6:	2
6 JUN	3	6.0	38:	1					24 JUL	2	3.0	1:	1	36:	1
7 JUN	3	5.0	1:	8	21:	4	22:	2	26 JUL	2	2.0				
			24:	3					27 JUL	3	5.0	1:	6	11:	1
8 JUN	3	7.0	21:	3	22:	1			29 JUL	1	2.5	3:	5	11:	2
8 JUN	3	6.0							31 JUL	3	4.0	1:	6	11:	2
9 JUN	3	5.0	21:	2	22:	1	24:	8	2 AUG	3	8.0	21:	4		
11 JUN	3	5.0	22:	1	24:	10			2 AUG	3	8.0	21:	1	22:	1
11 JUN	2	4.0	1:	2					5 AUG	3	8.0	8:	2	21:	4
14 JUN	2	4.0	1:	21	6:	2	11:	1				24:	3		
			13:	1	24:	2			7 AUG	2	3.0	3:	12	8:	4
14 JUN	2	3.0	1:	4	3:	1			8 AUG	2	7.0	1:	6	3:	3
15 JUN	3	5.0	1:	10	21:	3	22:	2				13:	1		
			24:	3					8 AUG	2	3.0	3:	37	8:	2
17 JUN	2	2.0	1:	2					9 AUG	3	9.0	1:	17	8:	4
18 JUN	2	2.0	1:	1	3:	1						21:	2	22:	1
21 JUN	2	4.0	1:	2					10 AUG	3	9.0	21:	1	38:	1
23 JUN	3	6.0	1:	2	24:	1			11 AUG	3	8.0	11:	4	21:	1
24 JUN	2	3.0	1:	3	3:	2						39:	1		
26 JUN	2	3.0	1:	5					13 AUG	3	7.0	8:	4	11:	17
1 JUL	2	6.0	1:	5								24:	1		
2 JUL	2	2.0	1:	3					15 AUG	2	3.0	3:	17	8:	3
3 JUL	3	5.5	1:	5	24:	10			16 AUG	2	3.0	3:	12	8:	2
4 JUL	2	2.0	1:	2								13:	1		
5 JUL	3	6.0	1:	9	8:	1	23:	1	19 AUG	2	3.0	1:	3	3:	4
6 JUL	3	6.0	1:	5	24:	3			20 AUG	2	3.0	1:	1	3:	11
6 JUL	2	2.0	1:	4					21 AUG	2	3.0	3:	17	8:	1
7 JUL	3	6.0	1:	12	3:	1	6:	2	23 AUG	2	3.0	1:	3	11:	3
			11:	2	13:	1	21:	1	24 AUG	3	7.0	1:	25	3:	3
			24:	5								11:	2	22:	1
8 JUL	3	8.0	1:	9	21:	2	22:	2				24:	5		
			24:	1					27 AUG	1	3.0	1:	2	3:	4
9 JUL	2	3.0	1:	4					28 AUG	1	3.0	1:	1	11:	2
9 JUL	3	6.0	1:	9	6:	4	24:	3	28 AUG	3	6.0	1:	22	6:	11

APPENDIX TABLE 3. (CONTINUED).

DATE	ZONE	HOURS				DATE	ZONE	HOURS			
		FISHED	-- CATCH PER SPECIES --					FISHED	-- CATCH PER SPECIES --		
28 AUG	3	6.0+	13: 3	24: 2	20 OCT	1	3.0	1: 5			
29 AUG	3	6.0	1: 15	6: 8	23 OCT	2	2.0	1: 4			
			21: 2		23 OCT	3	6.0	1: 27	3: 1	6: 2	
30 AUG	1	3.0	1: 4	8: 1				11: 2	13: 1		
30 AUG	3	8.0	1: 4	6: 15	2 NOV	6	3.0	11: 1	36: 1		
			11: 5	13: 1	6 NOV	2	2.0	1: 4			
			21: 2	21: 2	9 NOV	3	6.0	1: 11	6: 2	21: 2	
31 AUG	3	8.0	1: 5	6: 11				22: 1			
			13: 2	21: 1	11 NOV	2	2.0	1: 5			
			24: 2	22: 1							
2 SEP	2	3.0	3: 6	8: 1	13 NOV	6	7.0	1: 16			
			13: 1	11: 1	14 NOV	6	6.0	1: 9			
4 SEP	2	3.0	1: 2	3: 4	15 NOV	2	2.0	1: 4			
4 SEP	3	6.0	1: 13	6: 6	16 NOV	2	2.0	1: 7			
6 SEP	3	8.0	11: 2	21: 3							
7 SEP	3	6.0	1: 6	6: 6							
			11: 1	11: 1							
			21: 10	22: 2							
7 SEP	3	8.0	1: 2	11: 11							
			22: 5	24: 2							
9 SEP	2	3.0	1: 2	3: 4							
10 SEP	2	3.0	1: 1	3: 7							
11 SEP	6	3.0	1: 3	8: 1							
12 SEP	3	4.0	1: 15	6: 4							
			11: 3	11: 3							
			13: 1								
27 SEP	2	3.0	1: 3								
28 SEP	3	6.0	1: 12	3: 3							
			6: 4								
			11: 1								
29 SEP	3	6.0	1: 9	8: 3							
			13: 4	13: 4							
30 SEP	2	3.0	13: 4								
1 OCT	2	3.0	1: 3	13: 1							
2 OCT	2	3.0	1: 1	11: 2							
			13: 1	13: 1							
4 OCT	2	3.0	1: 2	8: 2							
5 OCT	6	7.0	1: 12	8: 6							
			11: 3	11: 3							
			13: 3								
5 OCT	2	4.0	1: 6	11: 1							
			12: 1	12: 1							
			13: 2								
6 OCT	2	5.0	1: 15	3: 1							
			6: 2	6: 2							
10 OCT	2	2.0	1: 6	13: 1							
11 OCT	2	2.0	1: 8								
11 OCT	6	5.0	1: 3	8: 2							
			13: 2	13: 2							
12 OCT	2	3.0	8: 3								
15 OCT	2	5.0	1: 30	3: 1							
			6: 4	6: 4							
16 OCT	2	5.0	1: 27	3: 2							
			6: 1	6: 1							
			13: 1								
17 OCT	2	3.0	13: 2								
17 OCT	2	2.0	1: 6								
18 OCT	2	1.0	1: 3								
19 OCT	2	0.5	1: 6								

APPENDIX TABLE 4. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM SOUTH CAROLINA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---		
10 JUN	1	2.0	29:	2							
13 JUN	2	3.0	11:	2							
16 JUN	1	3.0	36:	2							
19 JUN	2	3.0	3:	1	13:	1					
20 JUN	2	4.0	35:	2	63:	3					
27 JUN	2	3.0	29:	2	36:	1					
14 JUL	2	3.0	1:	1	11:	2					
16 JUL	2	3.0	5:	3	36:	1					
27 JUL	3	1.0	15:	40							
24 AUG	2	3.0	13:	1	29:	2					
21 SEP	1	3.0	13:	3							
28 SEP	2	3.0	13:	4							
14 OCT	2	2.0	13:	5							
15 OCT	2	2.0	13:	3							
16 OCT	2	2.0	13:	4							

APPENDIX TABLE 5. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM GEORGIA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --								
14 APR	2	1.5	6:	5		13 JUL	2	4.0	3:	7	6:	3	11:	8			
17 APR	2	2.0				13 JUL	3	6.0	1:	12	11:	2	13:	1			
20 APR	2	2.0	1:	4	6:	3	15 JUL	2	4.0	1:	3						
22 APR	2	2.0	1:	3	6:	2	17 JUL	2	5.0	1:	3	6:	4	11:	12		
27 APR	1	4.0	3:	30	5:	1					13:	2					
5 MAY	2	2.0				19 JUL	2	4.0	3:	30							
6 MAY	2	2.0	1:	5	6:	3	11:	3	27 JUL	1	4.0	15:	18				
8 MAY	2	3.0	1:	5	6:	3	11:	5	31 JUL	2	4.0	3:	18	6:	3	11:	1
12 MAY	3	5.0	1:	7	5:	2	6:	3	1 AUG	2	4.0	3:	10	6:	2		
			11:	4	13:	1	24:	7	2 AUG	2	4.0	3:	10	11:	17		
15 MAY	3	3.0	1:	1	22:	2	24:	6	10 AUG	2	4.0	6:	4				
15 MAY	3	6.0	1:	6	6:	1	11:	5	13 AUG	2	4.0	3:	10	11:	1	13:	1
			24:	1					17 AUG	1	4.0	3:	9	5:	3	9:	10
19 MAY	2	1.0	1:	1	11:	3						12:	21				
25 MAY	2	1.0	1:	3	11:	5											
25 MAY	3	2.0	1:	1													
26 MAY	3	3.0	1:	5	6:	1	24:	3									
6 JUN	2	4.0	1:	5	3:	3	6:	2									
			11:	4	13:	1											
7 JUN	2	1.0	1:	6	11:	3											
9 JUN	3	4.0	1:	3	11:	1											
12 JUN	3	6.0	1:	3	6:	1	105:	1									
14 JUN	3	5.0	1:	14	6:	1	11:	1									
			13:	2													
15 JUN	2	3.0	1:	4	6:	3	11:	6									
17 JUN	2	5.0	1:	3	3:	5	6:	6									
			11:	3													
18 JUN	2	4.0	11:	3													
21 JUN	2	5.0	2:	1	11:	10	13:	1									
22 JUN	2	3.0	1:	2	11:	6											
25 JUN	2	4.0	3:	8	11:	15											
27 JUN	1	4.0	3:	10	5:	6	9:	7									
29 JUN	3	6.0	1:	2	6:	8	11:	1									
30 JUN	3	5.0	1:	18	6:	2	11:	4									
1 JUL	2	3.0	1:	6	3:	14	11:	3									
			12:	10													
3 JUL	2	5.0	1:	2	3:	10	11:	4									
			12:	12													
5 JUL	2	4.0	1:	2	3:	4	6:	4									
			11:	8	13:	1											
5 JUL	2	6.0	1:	8	3:	6	11:	14									
			13:	1													
6 JUL	2	4.0	1:	17													
7 JUL	2	6.0	1:	3	6:	2	11:	12									
			12:	2	13:	4											
10 JUL	2	4.0	1:	6	11:	2											
12 JUL	3	7.0	1:	16	11:	1											

APPENDIX TABLE 6. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM GEORGIA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --								
25 MAR	2	4.0	5:	3	15:	30	2 JUN	3	6.0	1:	3	13:	2	14:	16		
27 MAR	2	5.0	5:	8	14:	3	15:	22		15:	30	62:	100				
			20:	1			4 JUN	2	4.0	1:	5	11:	6	13:	3		
28 MAR	2	4.5	5:	12	14:	1	15:	38		15:	10						
30 MAR	2	4.0	5:	6	15:	43	5 JUN	1	4.0	36:	8						
14 APR	2	3.0	1:	3	5:	12	11:	1	7 JUN	2	3.0	11:	2	13:	3		
17 APR	2	6.0	1:	5	5:	15	11:	3	7 JUN	1	4.0	36:	6				
			15:	75					8 JUN	1	4.0	36:	10				
20 APR	2	5.0	11:	1	14:	4	15:	125	8 JUN	2	5.0	11:	9	13:	4	20:	20
21 APR	2	4.0	5:	2	15:	25			9 JUN	3	2.0	1:	2	13:	2	15:	12
22 APR	2	6.0	5:	10	14:	4	15:	36			62:	50					
26 APR	2	5.0	1:	1	5:	2	11:	2	10 JUN	2	5.0	1:	3	6:	5	11:	3
			13:	2							13:	3					
28 APR	3	6.5	14:	1	15:	25	17:	6	13 JUN	2	5.0	1:	2	6:	3	11:	5
1 MAY	2	6.0	1:	3	2:	3	5:	15			13:	2					
			6:	2	11:	3			13 JUN	1	3.0	29:	15				
5 MAY	2	6.0	1:	5	2:	1	5:	8	15 JUN	2	2.0	11:	3	13:	3		
			11:	1	15:	38			17 JUN	2	1.0						
6 MAY	2	5.5	2:	4	5:	12	11:	6	18 JUN	1	4.0	29:	8				
			13:	1					21 JUN	3	4.0	1:	6	11:	1	24:	1
8 MAY	2	4.0	2:	2	5:	7					29:	3					
11 MAY	2	6.0	2:	1	3:	1	5:	6	21 JUN	2	1.0	13:	1				
			11:	4	13:	2			22 JUN	3	4.0	1:	1	13:	1	14:	25
12 MAY	2	3.0	1:	1	6:	1	36:	5			15:	50	20:	5	62:	30	
			50:	15	62:	40			22 JUN	2	3.0	11:	2	13:	3		
12 MAY	3	3.0	14:	4	15:	23	17:	3	23 JUN	3	6.0	1:	6	11:	2	13:	4
15 MAY	3	1.0	2:	1	14:	3	15:	33			14:	20	15:	15	16:	1	
			24:	5							62:	40					
16 MAY	1	3.0	15:	40					1 JUL	2	3.0	11:	1	13:	2		
19 MAY	2	5.0	1:	5	2:	1	11:	6	3 JUL	2	1.0	13:	3				
			13:	5	24:	3			6 JUL	1	5.0	5:	20	9:	2	12:	6
21 MAY	2	6.0	1:	3	2:	2	11:	5			31:	25					
			13:	4					7 JUL	3	6.0	1:	4	11:	2	13:	4
22 MAY	2	5.0	1:	2	11:	4	13:	3			14:	15	15:	25	16:	1	
24 MAY	2	5.0	1:	4	11:	5	13:	4			62:	25					
25 MAY	2	4.0	2:	1	11:	2	13:	3	7 JUL	2	1.0						
26 MAY	3	4.0	1:	3	5:	1	11:	5	8 JUL	1	4.0	29:	10				
			14:	4	15:	20			12 JUL	3	6.0	1:	8	11:	1	13:	8
26 MAY	3	5.0	1:	12	11:	2	14:	25			14:	1	15:	10	16:	1	
			15:	25	16:	2	62:	100			62:	40					
27 MAY	3	6.0	1:	6	11:	1	14:	16	14 JUL	1	4.0	36:	10				
			20:	1	36:	2	62:	100	14 JUL	1	5.0	5:	12	9:	10	10:	2
29 MAY	2	5.0	1:	4	11:	3	13:	4	19 JUL	1	5.0	5:	10	9:	6	12:	5
31 MAY	1	4.0	36:	15					20 JUL	1	4.0	5:	8	9:	6	12:	3
31 MAY	2	5.0	11:	5	13:	4			20 JUL	3	6.0	1:	2	11:	1	14:	2
2 JUN	2	5.0	1:	3	2:	1	11:	8			15:	25	62:	20			
			13:	4					23 JUL	1	5.0	5:	20	9:	5	10:	1

APPENDIX TABLE 6, (CONTINUED).

DATE	ZONE	HOURS							DATE	ZONE	HOURS									
		FISHED	-- CATCH PER SPECIES ---								FISHED	-- CATCH PER SPECIES ---								
24 JUL	1	5.0	5:	8	9:	4	10:	2												
25 JUL	1	4.0	5:	18	9:	7	10:	1												
26 JUL	1	5.0	9:	3	10:	2														
5 AUG	3	6.0	1:	2	14:	15	15:	30												
			16:	1	20:	2	62:	25												
12 AUG	1	4.0	36:	8																
14 AUG	1	4.0	36:	10																
15 AUG	1	4.0	36:	8																
16 AUG	2	4.0	3:	18	11:	1	13:	1												

APPENDIX TABLE 7. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM NORTHEAST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---		
5 APR	2	4.5	3:	6		25 MAY	3	5.0+	24:	5	
16 APR	2	4.0	1:	1	3: 15 6: 1	26 MAY	6	8.0	1: 8 2: 1 3: 2		
17 APR	2	3.5	3:	20	5: 2 6: 12				6: 6 7: 1		
19 APR	3	5.0	1:	6	22: 2 24: 2	26 MAY	3	6.0	1: 6 5: 1 6: 4		
20 APR	3	5.0	1:	5	6: 1 23: 1				11: 4 13: 12 17: 2		
			24:	2		27 MAY	6	8.0	1: 6 6: 10 7: 5		
21 APR	6	7.0	1:	2	3: 3 6: 6				11: 3 13: 1		
			7:	1		27 MAY	3	6.0	1: 7 6: 2 11: 3		
22 APR	2	2.0	3:	6	6: 1				13: 9 17: 1		
24 APR	2	4.0	3:	8	6: 1	31 MAY	6	7.5	1: 8 3: 1 6: 6		
27 APR	6	6.0	1:	1	3: 2 6: 6				7: 1 11: 3		
28 APR	6	5.0	1:	3	3: 6 6: 1	31 MAY	3	5.0	1: 3 6: 1 11: 4		
			8:	2					22: 1 24: 9		
29 APR	6	7.0	1:	5	13: 1	1 JUN	2	6.0	1: 2 3: 4 5: 1		
8 MAY	6	3.0	3:	2	6: 2				6: 1		
9 MAY	3	3.0	3:	15	6: 1	1 JUN	3	5.0	1: 6 6: 2 11: 7		
10 MAY	2	4.0							22: 1 24: 1		
11 MAY	2	4.5	3:	6		3 JUN	2	3.0	1: 1 5: 1		
12 MAY	2	3.0	3:	6	5: 2 6: 1	4 JUN	2	3.0	1: 1 6: 2		
12 MAY	3	5.0	1:	6	6: 5 11: 3	4 JUN	3	1.0	1: 3		
			13:	17		5 JUN	2	2.0	1: 1 6: 1		
14 MAY	2	3.5	2:	1	3: 1	6 JUN	2	1.5	1: 7 6: 2 11: 6		
15 MAY	3	6.0	1:	8	6: 3 11: 3				13: 1 15: 1		
			13:	1	22: 11	8 JUN	2	7.0	1: 10 6: 7 7: 1		
15 MAY	2	3.0	2:	1	3: 6 6: 2				11: 5		
16 MAY	3	5.0	6:	1	11: 2 24: 2	9 JUN	6	7.0	1: 10 6: 10 11: 7		
16 MAY	2	3.5	1:	1	6: 2	10 JUN	6	8.0	1: 8 6: 4 11: 9		
17 MAY	6	7.5	1:	6	3: 1 6: 5				13: 2		
19 MAY	3	5.0	1:	3	5: 1 6: 1	11 JUN	6	8.0	1: 10 6: 7 11: 10		
			11:	4	13: 6 22: 1				17: 1		
			24:	4		12 JUN	2	4.0	123: 16		
20 MAY	2	3.0	2:	1	3: 2 7: 1	14 JUN	4	5.0			
			12:	1		15 JUN	2	7.0	1: 3 3: 1 6: 3		
21 MAY	2	2.5	2:	1	3: 10 6: 1	18 JUN	6	7.0	1: 3 3: 1 6: 1		
21 MAY	3	6.0	1:	6	6: 3 11: 3				11: 1		
			13:	21		19 JUN	6	8.0	6: 2 11: 4 22: 2		
22 MAY	3	6.0	1:	8	6: 2 11: 1	22 JUN	6	8.0	1: 5 3: 1 11: 5		
			13:	16	17: 1				13: 5		
23 MAY	2	4.0	1:	1	2: 1 5: 1	23 JUN	6	6.0	1: 3 3: 1 6: 4		
23 MAY	3	6.0	1:	7	6: 3 11: 2				11: 5 12: 1		
			13:	11		29 JUN	2	6.0	12: 2 27: 6 31: 6		
24 MAY	6	6.0	6:	3	7: 3				45: 40 46: 1 76: 2		
24 MAY	3	5.0	1:	13	5: 1 6: 6				135: 60		
			11:	2	13: 9 24: 5	30 JUN	6	7.0	1: 2 3: 1 6: 2		
25 MAY	6	6.0	1:	9	3: 1 6: 6				11: 2		
			11:	5		1 JUL	3	4.5	1: 3 8: 1 11: 4		
25 MAY	3	5.0	5:	1	11: 4 22: 2	5 JUL	3	6.5	1: 8 3: 1 6: 2		

APPENDIX TABLE 7. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---						DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---					
5 JUL	3	6.5+	11:	2					21 AUG	6	5.0+	24:	1				
6 JUL	6	7.0	1:	6	3:	2	6:	6	22 AUG	3	2.0						
			11:	4	22:	2			22 AUG	2	3.0	3:	3	11:	2	13:	3
7 JUL	3	7.0	1:	6	3:	1	6:	1	23 AUG	3	5.0	3:	3	6:	3	13:	15
			11:	24	13:	1						24:	1				
9 JUL	2	4.5	1:	2	11:	1			24 AUG	3	4.5	1:	5	3:	1	6:	4
12 JUL	2	3.5	3:	1	6:	1	11:	2				11:	4	13:	20	24:	1
			12:	2	13:	1			6 SEP	3	7.0	6:	2	13:	18		
13 JUL	2	7.0	1:	2	3:	1	6:	7	7 SEP	3	2.0	13:	12				
			11:	8	13:	1			8 SEP	3	3.0	13:	10				
16 JUL	2	2.0	1:	3					9 SEP	3	2.0	3:	1	6:	1	13:	3
18 JUL	2	2.0	2:	2					10 SEP	3	2.0	3:	1	11:	2	13:	3
19 JUL	6	7.0	1:	2	3:	1	6:	4	13 SEP	1	3.0	3:	1	5:	4	12:	15
			11:	2					28 SEP	4	8.0	5:	51				
20 JUL	6	7.0	1:	2	3:	1	6:	3	1 OCT	1	3.0	5:	27				
			11:	2					2 OCT	2	1.0	13:	4				
21 JUL	6	5.0	1:	1	2:	1	3:	1	3 OCT	2	1.5	13:	5				
			6:	3	11:	6	13:	2	4 OCT	2	2.0	13:	6				
24 JUL	1	3.0	9:	2	121:	6			4 OCT	3	1.0						
26 JUL	3	4.5	1:	5	6:	6	11:	1	5 OCT	2	3.0						
			29:	1					5 OCT	3	1.0						
27 JUL	3	6.0	1:	6	6:	3	11:	7	13 OCT	2	3.5	3:	2				
28 JUL	3	5.0	1:	7	6:	6	11:	7	16 OCT	2	3.0	3:	1	6:	1	11:	1
			13:	1					19 OCT	6	6.5	1:	1	11:	1	13:	4
28 JUL	3	2.0	1:	1					2 NOV	2	3.0	5:	4	13:	1		
31 JUL	3	4.0	1:	6	6:	4	11:	5	3 NOV	2	3.0	5:	4	6:	1		
			13:	2	24:	3			17 NOV	2	3.0	3:	15	5:	12		
1 AUG	3	4.0	1:	3	3:	4			11 DEC	2	3.0	5:	8	6:	1	48:	1
1 AUG	3	4.5	1:	5	6:	3	7:	1									
			13:	6	22:	1	24:	1									
2 AUG	3	4.5	1:	7	6:	4	11:	3									
			13:	2	24:	1											
5 AUG	2	3.0															
6 AUG	3	2.0	6:	3	11:	2											
7 AUG	3	4.0	1:	2	6:	3	11:	2									
			13:	4													
9 AUG	2	6.0	1:	1	6:	3	11:	3									
10 AUG	2	4.0	13:	5													
10 AUG	3	5.0	11:	2													
13 AUG	4	3.0	3:	2	5:	1	6:	1									
			123:	4													
16 AUG	4	5.0	5:	3	123:	6											
17 AUG	3	4.5	1:	12	6:	10	11:	4									
			13:	5													
19 AUG	3	3.5	13:	1													
19 AUG	2	3.0	1:	1	3:	2	5:	1									
21 AUG	6	5.0	6:	5	11:	3	13:	1									

APPENDIX TABLE 8. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM NORTHEAST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
31 MAR	1	4.0	5:	2	58:	16	10 AUG	3	1.0	15:	40
1 APR	1	3.5	45:	28	90:	3	11 AUG	3	4.5	13:	1 15: 66
2 APR	1	3.0	45:	25			17 AUG	1	3.0	4:	3 34: 5
3 APR	1	4.0	45:	29	58:	1	18 AUG	3	6.0	1:	1 13: 1 14: 18
4 APR	1	3.5	5:	4	45:	4 70: 1				17:	1 20: 3
6 APR	1	3.5	4:	2	45:	7	19 AUG	3	2.0	15:	30
7 APR	1	3.5	4:	8	5:	2	22 AUG	3	2.5	11:	1 15: 25 36: 1
8 APR	1	4.0	4:	4	45:	10	23 AUG	2	4.0	4:	2 36: 3
10 APR	2	4.5	5:	24			3 SEP	3	4.0	4:	1 34: 2 70: 3
11 APR	1	5.0	4:	1	5:	2 20: 4	4 SEP	3	2.5	5:	1 70: 2
			34:	7	45:	4	5 SEP	3	3.0	4:	8 34: 6 70: 2
23 APR	2	4.5	2:	1	36:	2	6 SEP	2	4.0	4:	1 15: 25
25 APR	1	4.0	4:	2	5:	10 12: 2	9 SEP	3	2.0	3:	2 6: 1 13: 4
			58:	2			9 SEP	2	3.0	10:	1 36: 3
26 APR	2	4.5	2:	3	12:	1 36: 3	10 SEP	1	3.5	4:	3 34: 11 43: 2
27 APR	2	5.0	2:	4	36:	1	21 SEP	1	3.5	45:	18
28 APR	2	4.5	2:	2	36:	2	4 OCT	3	2.0	13:	2 14: 1 20: 25
12 MAY	1	4.0	4:	3	5:	6 45: 7	5 OCT	3	2.0	13:	3 14: 2 15: 35
22 MAY	2	4.0	2:	1			8 OCT	1	4.0	58:	46 70: 2
25 MAY	1	4.5	4:	3	34:	2	9 OCT	1	3.5	4:	2 58: 20
4 JUN	3	5.0	14:	1	15:	100 63: 5	14 OCT	1	4.0	4:	1 70: 9
5 JUN	2	4.5	1:	1	2:	1 36: 3	15 OCT	1	3.5	4:	2 5: 10
6 JUN	2	4.0	1:	1	2:	1 36: 1	16 OCT	1	3.0	4:	2 5: 18
11 JUN	2	4.5	1:	2	2:	1 36: 4	18 OCT	1	4.5	4:	2 5: 32
			45:	7			23 OCT	1	3.5	4:	2 58: 9 70: 1
14 JUN	2	4.0	36:	1	45:	20	1 NOV	1	3.5	4:	1 5: 28
15 JUN	1	3.5	4:	7			5 NOV	1	4.0	58:	13 70: 2
16 JUN	3	4.0	4:	3	45:	15	6 NOV	1	3.5	58:	35
18 JUN	2	4.0	1:	1	36:	1 45: 20	7 NOV	1	3.5	4:	2 34: 47
21 JUN	2	4.0	9:	6	36:	1	11 NOV	1	3.5	34:	7 45: 10
26 JUN	1	4.5	70:	10			12 NOV	1	3.0	36:	1 45: 18 58: 6
28 JUN	2	4.0	1:	1	9:	3 36: 2	15 NOV	3	4.5	14:	1 15: 45 36: 7
			45:	6			19 NOV	1	3.0	45:	10 58: 18
29 JUN	2	4.5	1:	1	36:	6	20 NOV	1	3.5	5:	19 15: 3 45: 29
4 JUL	3	4.0	1:	2	11:	1 15: 85				58:	2
6 JUL	2	4.0	1:	1	36:	2	24 NOV	1	3.5	2:	4 5: 7 45: 45
7 JUL	1	4.0	45:	26			26 NOV	1	3.0	34:	43 43: 7
12 JUL	2	4.0	1:	2	8:	1 36: 1	27 NOV	1	3.5	34:	27 43: 3
13 JUL	2	3.5	1:	1	8:	1 36: 3	3 DEC	1	3.5	58:	25 70: 2
16 JUL	2	4.5	36:	6			4 DEC	1	3.0	4:	4 58: 29
21 JUL	2	4.0	36:	4	45:	15	6 DEC	1	3.0	58:	8
23 JUL	2	3.5	36:	1			7 DEC	1	4.0	4:	2 34: 8 58: 16
27 JUL	1	3.0	4:	4	5:	4	8 DEC	1	3.5	34:	6 58: 16
28 JUL	3	1.5	14:	1	15:	40	9 DEC	1	4.0	34:	19
4 AUG	1	4.0	4:	3	34:	11	10 DEC	1	3.0	34:	12 58: 6
6 AUG	3	2.0	15:	10	62:	12	12 DEC	1	4.0	34:	13 43: 4
8 AUG	2	4.5	10:	1	36:	2	18 DEC	1	3.5	34:	29

APPENDIX TABLE 8. (CONTINUED).

DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES —			DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES —		
20 DEC	1	4.0	4:	1	34:	30	58:	3			
27 DEC	1	4.0	4:	7	58:	77					
28 DEC	1	3.5	4:	3	34:	4	58:	18			

APPENDIX TABLE 9. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM EAST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
1 JAN	6	8.0	1: 1	11: 3	22: 2	6 FEB	3	6.0	22: 2	29: 3			
			39: 1			7 FEB	6	8.0	1: 1	22: 1	24: 5		
2 JAN	6	9.0	1: 3	7: 17	11: 10	7 FEB	3	4.0	29: 2	39: 1			
3 JAN	6	8.0	5: 3	7: 13	8: 2	8 FEB	6	8.0	7: 16	11: 1			
			11: 2	22: 1	24: 1	9 FEB	6	8.0	8: 1	11: 1	24: 3		
4 JAN	6	8.0	1: 1	24: 9	39: 1				39: 1				
5 JAN	6	5.0	8: 1	21: 2	22: 1	10 FEB	6	5.5	8: 2	21: 1	24: 5		
			39: 2			10 FEB	3	1.0	6: 1	13: 2			
6 JAN	3	3.0	6: 2	24: 1		11 FEB	6	4.0	8: 3	24: 7			
6 JAN	6	4.0	1: 2	11: 1	21: 4	13 FEB	6	8.0	1: 2	2: 2	8: 1		
9 JAN	6	4.5	7: 19	8: 2	22: 1				22: 1				
			39: 2			15 FEB	3	1.0					
10 JAN	3	1.0	6: 3			16 FEB	6	4.0	6: 1	24: 9			
12 JAN	6	4.0	7: 13	11: 3	21: 1	17 FEB	6	8.5	7: 13	11: 1	24: 17		
			39: 1			17 FEB	3	3.0					
13 JAN	6	6.5	1: 1	8: 5	21: 3	18 FEB	6	8.0	7: 9	24: 4			
			22: 1	23: 1	24: 9	18 FEB	3	1.0	6: 4				
14 JAN	6	8.0	7: 15	8: 2	11: 3	19 FEB	6	9.0	7: 7	24: 13			
			39: 2			20 FEB	3	1.0	6: 2				
15 JAN	6	9.0	8: 1			20 FEB	6	5.5	7: 21	24: 3	39: 2		
16 JAN	6	8.0				23 FEB	3	1.0					
17 JAN	6	4.0	1: 2	7: 4	39: 1	23 FEB	6	4.0	7: 17	11: 2	21: 1		
18 JAN	6	4.0	7: 19	11: 3	24: 4				22: 1	24: 4			
19 JAN	6	4.0	7: 2	8: 6	39: 3	24 FEB	3	2.0	6: 7				
20 JAN	6	8.5	1: 1	7: 17	11: 3	24 FEB	6	8.0	1: 5	7: 16	8: 1		
			21: 1	39: 5					17: 1				
21 JAN	6	8.0	7: 36	24: 3	39: 9	25 FEB	3	3.0	6: 1	24: 1	29: 1		
22 JAN	6	8.0	7: 22	39: 7		25 FEB	3	2.0	6: 1				
23 JAN	6	8.0	7: 35	22: 1	39: 2	25 FEB	6	8.0	1: 1	7: 48	8: 2		
24 JAN	6	8.5	7: 27	22: 2	39: 4				39: 2				
25 JAN	6	8.0	7: 5	11: 4	13: 1	26 FEB	6	8.0	1: 7	2: 2	7: 54		
26 JAN	6	8.0	7: 14	11: 9	13: 2				11: 6	21: 1			
27 JAN	6	4.0	1: 1	8: 1	24: 7	27 FEB	2	3.0	3: 1	5: 2			
28 JAN	3	5.0	24: 2	39: 1		27 FEB	3	2.0	6: 10	13: 1			
28 JAN	6	8.0	1: 3	7: 15	11: 1	27 FEB	6	8.0	1: 2	7: 17	22: 1		
			24: 13			28 FEB	3	1.0					
31 JAN	6	8.0	7: 19	22: 1	39: 3	28 FEB	2	2.0	6: 2				
1 FEB	6	9.0	7: 27	8: 2	11: 5	28 FEB	6	8.0	1: 6	7: 6	8: 2		
			39: 2						39: 1				
1 FEB	3	5.0	39: 1			1 MAR	6	8.0	1: 11	7: 19	11: 5		
2 FEB	6	5.5	8: 1	21: 1	24: 27	2 MAR	3	1.0	6: 11	23: 1	24: 1		
2 FEB	6	6.0	8: 1			2 MAR	6	6.5	1: 15	7: 36	8: 1		
3 FEB	6	8.0	1: 3	8: 2	11: 2				11: 2	22: 1	39: 1		
			23: 1			3 MAR	6	8.0	1: 3	7: 16	8: 2		
4 FEB	6	8.0	1: 1	8: 3	22: 1				11: 5	24: 3			
			39: 1			4 MAR	3	2.0					
6 FEB	6	8.0	1: 5	11: 2	24: 7	4 MAR	6	8.5	1: 5	7: 35	11: 11		

APPENDIX TABLE 9. (CONTINUED).

DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES —				DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES —					
4 MAR	6	8.5+	22:	2	24:	18	25 MAR	6	9.0	1:	2	5:	3	22:	1
5 MAR	3	1.0								39:	1				
5 MAR	6	8.0	1:	1	7:	21	11:	9	25 MAR	3	1.5				
			13:	1	24:	7			26 MAR	3	1.0	6:	1		
6 MAR	6	9.0	7:	30	11:	17	24:	2	26 MAR	6	8.0	7:	25	11:	17
7 MAR	6	8.0	7:	28	11:	9	22:	1				103:	1		
			24:	14					27 MAR	6	8.0	5:	6	11:	14
8 MAR	6	8.0	1:	1	7:	19	11:	11	28 MAR	6	7.0	6:	2	11:	1
			24:	3					28 MAR	3	1.0				
9 MAR	6	8.0	7:	16	11:	10	22:	1	28 MAR	6	8.0	1:	3	5:	2
			24:	2								8:	2	11:	5
9 MAR	3	1.0							29 MAR	3	3.5	22:	1	24:	7
10 MAR	6	8.0	1:	2	2:	2	7:	16	29 MAR	6	8.0	5:	14	7:	13
			8:	2	11:	13	24:	2				22:	1		
10 MAR	3	2.0	24:	2					30 MAR	3	1.0				
11 MAR	3	2.0	6:	2					30 MAR	6	8.5	5:	5	7:	21
12 MAR	6	8.0	1:	1	7:	36	8:	6				11:	7	39:	1
			11:	21	13:	1	21:	1	30 MAR	3	3.5	11:	2	24:	3
13 MAR	6	8.5	1:	3	7:	48	8:	5	1 APR	6	3.0	11:	1	24:	1
			11:	20					2 APR	6	3.0	11:	1		
13 MAR	3	1.0							3 APR	3	3.5	24:	25		
14 MAR	6	8.0	1:	7	7:	19	8:	9	4 APR	6	3.5	1:	1	6:	1
			11:	11								24:	2		
14 MAR	3	3.5	6:	10					5 APR	3	3.5	24:	6		
15 MAR	6	8.0	1:	3	7:	7	8:	11	6 APR	3	1.0	6:	1		
			11:	9					6 APR	6	3.5	6:	1		
15 MAR	3	1.0	6:	4					12 APR	6	3.5	1:	3	6:	2
16 MAR	6	4.0	1:	4	7:	21	8:	2	13 APR	6	3.0	1:	2	24:	1
			11:	10	12:	1	13:	1	14 APR	6	7.0	1:	1	8:	2
17 MAR	3	3.0	6:	3					15 APR	3	3.5	1:	2	24:	3
17 MAR	6	8.5	1:	1	7:	36	8:	5	15 APR	3	1.0	6:	3		
			11:	11	12:	1	24:	2	16 APR	3	1.5	6:	3	13:	1
18 MAR	6	8.0	2:	2	7:	42	8:	7	17 APR	6	3.5	1:	1	3:	1
			11:	9	24:	5	39:	5				24:	1		
19 MAR	6	8.5	1:	3	7:	9	8:	2	17 APR	6	6.5	1:	6	5:	4
			11:	10	13:	1	39:	7				24:	9		
20 MAR	3	1.0	6:	3					19 APR	3	5.0	5:	1	6:	12
20 MAR	6	8.5	7:	12	8:	5	11:	6				24:	1		
			24:	1	39:	1			19 APR	3	7.5	1:	2	6:	3
21 MAR	6	8.0	1:	1	7:	24	8:	2				24:	28		
			11:	10					20 APR	3	3.5	1:	5	6:	14
22 MAR	6	8.0	1:	2	8:	4	11:	19	20 APR	3	7.5	1:	1	6:	4
23 MAR	3	2.0	6:	4					21 APR	3	3.5	1:	1	6:	7
23 MAR	6	8.0	8:	17	11:	27	24:	2	22 APR	3	3.5	1:	2	6:	3
24 MAR	3	2.0	6:	1					22 APR	6	3.5	1:	1	11:	1
24 MAR	6	8.5	1:	5	5:	11	7:	19	23 APR	6	6.0	1:	5	6:	3
			8:	3	11:	4						24:	5		

APPENDIX TABLE 9. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				
24 APR	3	3.0	1:	4	6:	4	24 MAY	3	3.5	1:	5	3:	1	6:	13
24 APR	6	3.5	1:	3	6:	1 22:	1	25 MAY	3	2.0	1:	1	6:	6	
			24:	9				25 MAY	3	3.0	8:	1	24:	1	
25 APR	2	3.0	3:	19			25 MAY	6	3.0	1:	5	6:	1 23:	2	
25 APR	6	3.5	1:	1	5:	31 24:	1	26 MAY	3	6.5	1:	1	8:	3 11:	1
25 APR	3	2.0					26 MAY	3	2.5	6:	3	13:	1		
26 APR	6	5.5	1:	2	6:	3 11:	1	27 MAY	3	3.5	8:	4	17:	1 24:	1
			13:	2	22:	1 24:	5	27 MAY	3	3.0	1:	4	6:	4	
26 APR	2	3.0	3:	9	5:	1		27 MAY	6	3.0	6:	3			
27 APR	6	3.5	1:	6	6:	1		28 MAY	6	3.0	1:	1	6:	2 11:	1
27 APR	3	3.0	6:	12				29 MAY	3	3.5	1:	1	6:	4 11:	1
29 APR	6	3.5	1:	4	6:	2		30 MAY	6	6.0	1:	3	6:	6 11:	3
1 MAY	6	5.0	1:	7	6:	4 11:	1				23:	2	39:	1	
			24:	5				31 MAY	6	3.5	1:	1	6:	5 24:	7
2 MAY	6	3.5	1:	9	6:	2 7:	2	31 MAY	3	5.0	1:	6	6:	5	
2 MAY	3	1.5	1:	1	6:	1		1 JUN	3	3.5	1:	9	6:	3	
3 MAY	6	3.0	1:	4	6:	1		4 JUN	6	3.5	1:	2	6:	3 7:	1
3 MAY	2	2.0	7:	1	8:	1 11:	1				22:	2	24:	4	
4 MAY	6	3.5	1:	6	6:	3		5 JUN	6	3.5	1:	2	6:	1 24:	2
6 MAY	6	3.5	1:	5	6:	2 11:	1	7 JUN	6	3.5	1:	1	11:	1 22:	1
8 MAY	6	3.0									23:	2	24:	8	
8 MAY	3	3.5	1:	1	6:	20		7 JUN	3	5.0	1:	8	6:	3	
10 MAY	6	5.0	1:	27				8 JUN	6	7.5	1:	3	7:	1 11:	8
11 MAY	3	3.0	1:	4	6:	12 13:	1				23:	1			
11 MAY	6	2.5	1:	4				8 JUN	3	3.5	1:	9	6:	3	
12 MAY	3	3.0	1:	2	6:	8		9 JUN	3	3.5	1:	10			
13 MAY	6	2.0	1:	3				10 JUN	6	3.5	1:	2	11:	6 24:	1
14 MAY	3	3.0	1:	5	3:	2 6:	9	10 JUN	3	3.5	1:	2	3:	1 6:	1
14 MAY	6	3.0	1:	6							11:	2			
15 MAY	3	1.0						11 JUN	6	3.5	1:	1	11:	1 24:	3
15 MAY	6	3.5	1:	5	6:	2 11:	2	11 JUN	3	4.0	1:	8	6:	2	
16 MAY	3	4.0	1:	7	5:	1 6:	15	12 JUN	6	2.0					
16 MAY	3	6.5	1:	2	8:	12		12 JUN	3	4.0	1:	5	6:	6 11:	1
17 MAY	3	6.5	1:	6	8:	3 11:	1	14 JUN	6	3.5	1:	9	6:	6	
17 MAY	6	3.5	1:	1	6:	5 11:	1	14 JUN	3	4.0	1:	5	6:	2 13:	1
			24:	3				15 JUN	3	3.0	1:	2	6:	5	
17 MAY	3	3.0	1:	4	6:	6		16 JUN	3	2.0	1:	3	3:	2 11:	1
18 MAY	3	6.5	1:	9	8:	1 13:	1	17 JUN	6	2.0	1:	6	6:	3	
19 MAY	3	4.0	1:	5	3:	5 6:	11	17 JUN	3	1.5	1:	2	6:	2	
			7:	3				18 JUN	6	3.0	1:	5	6:	4	
19 MAY	3	6.5	1:	12	39:	1		18 JUN	3	2.0	6:	1			
20 MAY	3	1.0	3:	1				19 JUN	3	2.5	6:	5	11:	1	
21 MAY	6	3.5	1:	4	6:	2 22:	1	20 JUN	3	1.5	6:	2			
22 MAY	6	3.5	1:	6	6:	1 11:	3	20 JUN	6	3.5	1:	13	6:	6 24:	4
			23:	1				20 JUN	3	6.5	8:	6			
24 MAY	6	5.0	1:	2	6:	3 11:	2	21 JUN	3	4.5	1:	1	7:	6 8:	2
			39:	1							39:	2			

APPENDIX TABLE 9. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --							
21 JUN	3	3.5	1:	3			16 JUL	3	3.0	1:	1	6:	8	11:	1		
21 JUN	6	3.5	1:	9	6:	3	24:	9	16 JUL	6	2.0	1:	3	6:	7	7:	1
22 JUN	6	3.5	1:	17	6:	6	24:	2	17 JUL	3	3.5	1:	7	6:	7	24:	1
22 JUN	3	6.5	1:	3	8:	4					39:	1					
22 JUN	3	3.0	6:	2	11:	1			17 JUL	6	2.0	1:	4	6:	11	7:	5
24 JUN	3	6.5	24:	1							11:	3					
25 JUN	3	6.0	1:	5	11:	4			18 JUL	3	3.5	1:	8	6:	5	24:	1
25 JUN	6	2.0	1:	3					18 JUL	3	3.0	1:	6	8:	7	24:	1
26 JUN	3	1.0	11:	1					19 JUL	6	3.5	1:	2	6:	5	22:	1
26 JUN	6	2.0	1:	1					19 JUL	3	4.0	1:	6	6:	4	11:	1
27 JUN	6	3.0	6:	3	24:	2			20 JUL	3	4.0	1:	4	6:	7	24:	1
28 JUN	3	2.0	1:	2					21 JUL	3	3.0	8:	5	11:	2		
28 JUN	6	3.0	1:	2	6:	1			21 JUL	3	4.0	1:	4	6:	3		
29 JUN	3	3.5	8:	7					22 JUL	6	3.5	1:	1	6:	3	11:	2
29 JUN	6	3.0	6:	6					23 JUL	3	3.0	8:	3				
29 JUN	3	3.0	6:	1	11:	2			23 JUL	3	2.0	1:	1	3:	1	6:	1
1 JUL	6	2.0	1:	4	6:	2			25 JUL	6	3.5	1:	3	6:	1	23:	1
1 JUL	3	1.5									24:	7					
2 JUL	6	3.5	1:	7	6:	4	7:	6	25 JUL	3	3.0	8:	5				
			23:	1	24:	4			26 JUL	6	3.5	6:	3	24:	5		
2 JUL	3	1.0	6:	1					26 JUL	3	4.0	1:	9	6:	7	11:	1
4 JUL	6	1.5	1:	4	11:	2			27 JUL	6	3.5	1:	2	6:	5	11:	6
4 JUL	3	3.5	1:	4	6:	2	11:	1	27 JUL	3	2.0	1:	2	11:	1		
5 JUL	6	3.5	1:	3	6:	1	11:	6	28 JUL	3	2.5	1:	6	6:	2	11:	2
5 JUL	3	6.5	1:	3	8:	6	11:	1	28 JUL	3	6.5	1:	1	8:	5	11:	1
			24:	5					29 JUL	3	5.0	1:	7	6:	6	11:	3
5 JUL	3	2.0	6:	1					29 JUL	6	3.0	1:	3	6:	9	7:	1
6 JUL	6	3.5	1:	5	6:	3	11:	5			11:	6					
6 JUL	3	1.5	1:	1	6:	2			30 JUL	3	4.0	1:	12	6:	13		
7 JUL	3	3.0	1:	3					30 JUL	6	2.0	1:	2	6:	6	11:	1
8 JUL	3	3.0	1:	1	6:	1	11:	1	31 JUL	3	2.0	6:	5				
			39:	1					31 JUL	3	6.5	1:	2	8:	3	11:	1
8 JUL	6	3.5	1:	5	6:	2	11:	1			22:	3					
8 JUL	3	6.5	8:	4					1 AUG	3	2.5	1:	5	6:	7		
9 JUL	6	2.0	1:	4	6:	3	11:	4	2 AUG	3	6.5	1:	8	3:	1	6:	18
9 JUL	3	2.5	1:	5	6:	3	11:	1			24:	1					
10 JUL	3	3.5	1:	4	6:	10	11:	1	3 AUG	3	6.0	1:	14	3:	1	6:	23
11 JUL	3	4.0	1:	12	6:	19					11:	1	24:	1			
12 JUL	6	1.5	1:	1					4 AUG	6	3.5	1:	1	6:	6	11:	2
12 JUL	3	3.0	1:	12	6:	9			6 AUG	3	3.0	8:	2	11:	3		
13 JUL	6	3.5	1:	4	6:	6	11:	3	6 AUG	6	3.5	6:	4	24:	7		
13 JUL	3	2.5	1:	5	6:	8	11:	1	7 AUG	6	3.5	1:	2	6:	2	24:	3
			24:	1					7 AUG	3	4.0	1:	4	6:	16		
14 JUL	3	2.5	1:	2	6:	8	11:	1	8 AUG	3	5.0	1:	5	6:	21	11:	2
15 JUL	3	2.5	1:	7	6:	3			9 AUG	3	2.0	1:	1	3:	3	6:	4
15 JUL	6	3.5	1:	5	6:	9	7:	3			11:	4					
			11:	1					10 AUG	3	3.5	1:	3	6:	17		

APPENDIX TABLE 9. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --								
10 AUG	6	3.5	6:	3	24:	17	28 SEP	3	6.5+	24:	1						
11 AUG	3	4.0	1:	2	3:	1	6:	10	1 OCT	6	3.5	1:	3	24:	5		
			24:	1					2 OCT	6	3.5	22:	3	23:	2	24:	7
12 AUG	3	2.0	6:	4	11:	2			4 OCT	3	2.0	1:	2	3:	1	6:	1
13 AUG	3	5.0	1:	4	6:	25	11:	3	4 OCT	3	6.5	39:	1				
13 AUG	6	3.5	1:	3	6:	9	11:	2	5 OCT	3	2.0	3:	2	6:	1	11:	2
			23:	1					8 OCT	3	3.5	23:	1	24:	7		
14 AUG	3	2.0	6:	4	11:	3			9 OCT	3	3.5	24:	19				
15 AUG	6	7.0	1:	5	6:	8	11:	1	12 OCT	3	5.0	24:	1				
			24:	20					13 OCT	3	6.5	1:	1	11:	1	24:	2
16 AUG	6	3.5	1:	2	6:	6	24:	5	16 OCT	3	2.5	3:	2	6:	2		
16 AUG	3	4.5	1:	4	6:	19	11:	4	16 OCT	6	3.5	1:	2	6:	1	23:	2
17 AUG	6	3.5	1:	4	6:	3						24:	19				
17 AUG	3	5.0	1:	6	3:	2	6:	10	16 OCT	3	3.0	1:	1	8:	1	24:	3
17 AUG	3	6.5	8:	1	24:	1			17 OCT	3	2.5	1:	3	6:	2		
18 AUG	3	5.0	1:	4	3:	3	6:	14	17 OCT	6	3.5	23:	1	24:	8		
			11:	1					18 OCT	6	2.0	1:	3	6:	5		
19 AUG	3	5.0	1:	13	3:	3	6:	23	19 OCT	6	1.5	1:	1				
			11:	3					21 OCT	6	3.5	1:	2	6:	1	24:	17
19 AUG	6	3.5	1:	1	6:	6	7:	2	22 OCT	6	3.5	11:	1	24:	29		
			11:	3					24 OCT	3	1.0	3:	1				
20 AUG	6	5.0	1:	2	6:	10	7:	1	25 OCT	6	2.0	1:	1	6:	1	11:	2
			11:	2	24:	3			28 OCT	6	3.5	1:	2	11:	1	13:	11
22 AUG	3	4.0	1:	1	3:	1	6:	8	31 OCT	6	3.5	1:	3	6:	2	22:	1
			11:	1	41:	1						39:	1				
22 AUG	6	2.0	11:	2					2 NOV	3	6.5	1:	1				
23 AUG	3	4.0	1:	2	6:	11	11:	1	5 NOV	6	2.0	1:	2	7:	1	11:	1
24 AUG	3	5.0	1:	9	6:	29	11:	3	7 NOV	3	3.0	1:	1				
25 AUG	3	2.5	1:	1	3:	1	6:	8	8 NOV	6	1.5	1:	1	11:	3	22:	1
			11:	1					10 NOV	3	6.5	1:	2				
30 AUG	3	1.0	1:	1					11 NOV	6	3.5	1:	3	6:	1	24:	7
3 SEP	6	3.5	1:	1	6:	11	7:	2	12 NOV	6	3.5	1:	1	6:	2	24:	17
5 SEP	6	3.5	6:	9	24:	6			12 NOV	3	3.0	3:	3	24:	2		
6 SEP	6	3.5	1:	3	6:	15	24:	2	13 NOV	3	1.0	6:	1	12:	1		
7 SEP	3	2.5	1:	4	6:	1	24:	1	14 NOV	3	6.5	1:	2	39:	1		
8 SEP	6	3.5	1:	1	6:	3	11:	1	15 NOV	3	5.0	1:	8				
8 SEP	3	2.5	1:	4	6:	6			16 NOV	3	5.0	1:	12	6:	5	12:	1
11 SEP	3	3.0	1:	7	6:	9			21 NOV	6	3.5	1:	3	22:	1		
12 SEP	3	4.0	1:	10	6:	6			23 NOV	3	3.0	24:	6				
12 SEP	3	6.0	1:	3	7:	3	8:	4	23 NOV	3	1.0						
			11:	2	24:	2			24 NOV	3	1.0						
19 SEP	6	6.0	1:	6	11:	2			26 NOV	3	3.0	24:	3	39:	1		
20 SEP	6	3.5	1:	4	8:	3	24:	9	26 NOV	3	2.0	1:	1	3:	1	6:	3
21 SEP	6	3.5	1:	4	8:	1	24:	3	28 NOV	6	3.5	1:	3	6:	2	7:	1
22 SEP	3	1.0	6:	3					28 NOV	3	3.0	1:	4	13:	1		
23 SEP	6	3.5	1:	9	6:	2	11:	3	29 NOV	3	1.0						
28 SEP	3	6.5	3:	1	11:	1	22:	1	29 NOV	3	6.5	1:	2	13:	1	24:	2

APPENDIX TABLE 9. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
29 NOV	6	2.0	1:	1	7:	1	24:	3					
30 NOV	3	3.0	1:	3	11:	1	39:	1					
30 NOV	3	1.0											
1 DEC	3	3.0	1:	1	24:	2	39:	1					
1 DEC	3	2.0	6:	6									
8 DEC	3	3.0	24:	1									
8 DEC	3	2.0	6:	5	12:	1							
21 DEC	3	3.0	1:	1	3:	2	7:	2					
22 DEC	3	3.0	1:	3									
23 DEC	3	7.0	1:	3	24:	3	39:	1					
26 DEC	3	3.0	1:	5	3:	16							
27 DEC	3	2.0	6:	5									
29 DEC	3	1.0											
31 DEC	3	1.0	1:	3	6:	1							
1 JAN	3	1.0	1:	1	6:	4							
3 JAN	3	2.0	1:	3	6:	1							

APPENDIX TABLE 10. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM EAST FLORIDA

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---								
6 JAN	3	2.0	15:	2	17:	1	79:	1	14 MAR	3	1.5+	76:	4				
10 JAN	3	4.0	14:	7	15:	23	17:	1	15 MAR	3	4.0	14:	9	15:	28	42:	1
			20:	1	36:	6	62:	1				62:	6	76:	6		
			76:	6					20 MAR	3	4.0	14:	18	15:	6	42:	2
14 JAN	3	5.0	14:	4	17:	1	36:	6				48:	3	50:	3	54:	3
			42:	3	62:	3	76:	14				62:	5	78:	3		
			93:	1					23 MAR	3	3.0	14:	1	15:	14	17:	1
19 JAN	2	3.0										20:	2	56:	4	62:	3
10 FEB	3	4.0	14:	5	15:	14	62:	20				76:	2				
			70:	1	76:	6	89:	1	24 MAR	3	3.0	14:	1	15:	15	20:	2
15 FEB	3	4.0	14:	10	15:	8	56:	2				42:	1	62:	5	76:	7
			76:	15					25 MAR	3	5.0	5:	2	15:	5	16:	7
17 FEB	3	2.0	16:	3	37:	2	50:	1				17:	1	37:	1	79:	6
			79:	4	80:	1						80:	1				
18 FEB	3	4.0	15:	35	20:	1	36:	1	26 MAR	3	7.0	15:	6	16:	9	17:	4
			51:	1	56:	6	76:	5				19:	2	50:	7	79:	5
20 FEB	3	4.0	5:	1	56:	21	76:	1				118:	2				
23 FEB	3	4.0	5:	1	15:	1	45:	2	28 MAR	3	4.0	5:	2	15:	14	36:	1
			56:	14	89:	1						62:	1	76:	9		
24 FEB	3	3.0	14:	3	15:	18	17:	1	30 MAR	3	4.0	16:	4	50:	1	79:	2
			56:	3	76:	2			1 APR	3	0.5	79:	1				
25 FEB	3	3.0	14:	6	15:	9	20:	1	6 APR	3	1.0	76:	10				
			56:	5	89:	1			15 APR	3	1.0	62:	3	76:	6		
25 FEB	3	3.0	50:	4	80:	1			16 APR	3	0.5	76:	8				
27 FEB	3	3.0	14:	10	15:	23	20:	1	20 APR	3	1.5	14:	1	15:	9	50:	1
			48:	1	56:	2	62:	4				62:	6	76:	6		
			76:	3					21 APR	3	1.5	15:	16	62:	6	76:	4
28 FEB	2	1.0	17:	4					22 APR	3	1.5	62:	11	76:	5		
28 FEB	3	1.0	15:	1	31:	3	48:	4	24 APR	3	4.0	13:	4	14:	14	15:	19
			51:	5	76:	3	114:	2				17:	1	48:	15	50:	17
2 MAR	3	3.0	13:	2	14:	2	17:	1				51:	2	76:	3		
			56:	1	62:	5	78:	5	25 APR	3	3.0	14:	3	15:	9	62:	10
4 MAR	3	4.0	14:	4	15:	15	16:	4				76:	6				
			37:	1	50:	3	79:	2	26 APR	2	2.0	2:	2	7:	9	20:	3
			118:	1								26:	27				
5 MAR	3	4.0	13:	3	15:	9	56:	28	27 APR	3	2.0	2:	1	7:	1	13:	3
			76:	3								14:	1	76:	6		
9 MAR	3	4.0	2:	1	5:	1	14:	2	1 MAY	2	2.5	7:	9	20:	4	26:	7
			15:	15	42:	1	45:	1	2 MAY	3	0.5	15:	1				
			48:	1	70:	2	76:	9	3 MAY	3	4.0	14:	4	19:	1		
10 MAR	3	3.0	17:	4	50:	1	79:	4	7 MAY	3	5.5	7:	3	20:	5	26:	27
			80:	1	118:	1						50:	1	60:	2		
11 MAR	3	8.0	13:	1	15:	11	16:	5	8 MAY	3	1.5	13:	2				
			17:	5	50:	12	79:	5	8 MAY	3	0.5	14:	1	79:	4	80:	1
			80:	1					11 MAY	3	2.0	13:	6	42:	2	76:	9
13 MAR	3	4.0	14:	2	15:	35	76:	6	12 MAY	3	2.0	13:	4	62:	4	76:	6
14 MAR	3	1.5	15:	9	42:	1	62:	3	13 MAY	6	2.5						

APPENDIX TABLE 10 (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --						DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					
14 MAY	2	2.5	7:	3	14:	2	20:	6	26 JUN	3	4.0+	76:	14	78:	2		
14 MAY	3	2.0	2:	1	13:	2			26 JUN	3	1.5	79:	1	90:	5		
15 MAY	3	1.0	14:	2	15:	6	76:	5	27 JUN	3	0.5	80:	2				
16 MAY	3	1.0	13:	2					28 JUN	2	2.0	26:	7				
17 MAY	3	2.0	14:	2	15:	6	76:	9	29 JUN	2	1.5	26:	16				
19 MAY	3	1.0	5:	1	13:	1			29 JUN	3	2.0	13:	13	15:	15		
20 MAY	3	4.0	13:	1	15:	1	62:	32				76:	6				
			76:	6					1 JUL	3	3.0	14:	3	20:	3		
22 MAY	3	1.0	8:	9					1 JUL	3	0.5	37:	1	45:	1		
24 MAY	3	2.5	8:	5	14:	9	37:	1	2 JUL	3	4.0	11:	2	13:	1		
			79:	2								15:	48	42:	1		
24 MAY	3	1.5	13:	5								76:	16	78:	2		
25 MAY	3	0.5	79:	5					3 JUL	1	3.0	30:	35	34:	1		
25 MAY	3	3.0	13:	6	14:	3	15:	12	4 JUL	3	1.5	13:	6				
			17:	1	76:	19	78:	1	4 JUL	6	4.5	7:	17	20:	7		
26 MAY	3	2.5	14:	3	20:	1	42:	1	5 JUL	3	1.0	15:	1	30:	16		
			76:	9								76:	6	45:	4		
27 MAY	3	0.5	79:	1					6 JUL	3	3.5	11:	1	13:	1		
27 MAY	3	2.0	13:	5								62:	55	76:	16		
29 MAY	3	1.5	13:	3	14:	1			7 JUL	3	2.0	13:	7	15:	2		
30 MAY	3	1.5	79:	5					8 JUL	3	1.0	15:	9	37:	1		
1 JUN	3	1.5	1:	1	17:	1			9 JUL	3	2.5	13:	6				
8 JUN	3	1.5	13:	3					9 JUL	6	4.0	20:	6	26:	9		
9 JUN	3	1.5	1:	1	13:	3			10 JUL	3	1.5	13:	5				
10 JUN	3	1.5	2:	1	13:	3			10 JUL	6	5.0	20:	9	26:	22		
11 JUN	3	1.0	13:	1					11 JUL	3	1.0	13:	2				
12 JUN	3	1.5	14:	1	16:	1	79:	7	12 JUL	6	2.0	20:	1	26:	3		
			90:	2					12 JUL	3	2.0	13:	6	20:	14		
12 JUN	3	1.0	13:	7					13 JUL	3	2.5	2:	2	11:	1		
15 JUN	3	2.0	13:	3	15:	1						36:	1	62:	12		
17 JUN	3	1.5	79:	4	90:	6			14 JUL	3	2.5	2:	1	13:	3		
17 JUN	3	3.5	1:	1	7:	2	13:	7				62:	9	76:	6		
			14:	25	15:	20	17:	1	15 JUL	3	2.5	2:	2	13:	2		
			20:	8	62:	2	76:	6				76:	5	112:	1		
18 JUN	3	3.0	13:	6	76:	15			16 JUL	2	4.0	7:	20	17:	1		
18 JUN	3	0.5	79:	2	90:	1						26:	20				
19 JUN	3	2.5	13:	5	14:	3	15:	8	16 JUL	3	2.0	11:	1	13:	1		
			17:	1	20:	10	76:	6	17 JUL	2	6.0	7:	30	20:	2		
20 JUN	3	3.5	13:	3	62:	21	76:	9	17 JUL	3	1.5	13:	3	20:	9		
21 JUN	3	2.0							18 JUL	3	1.5	13:	6	20:	9		
21 JUN	3	1.5	13:	5					19 JUL	3	1.0	2:	1	13:	1		
22 JUN	3	2.0	2:	1	13:	4	14:	2	20 JUL	3	1.0	13:	2				
			15:	8	20:	8			21 JUL	3	1.0	13:	1				
25 JUN	3	1.0	13:	5					22 JUL	1	2.0	30:	3				
25 JUN	3	1.5	79:	2	90:	4			26 JUL	3	1.0	15:	2	50:	6		
26 JUN	3	4.0	14:	5	15:	3	20:	10	27 JUL	3	3.0	14:	21	15:	12		
			41:	11	42:	1	62:	27				62:	18	72:	3		
														78:	2		

APPENDIX TABLE 10.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --						DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					
28 JUL	3	2.5	14: 14	15: 20	20: 3			5 OCT	3	3.0+	76: 6						
			41: 12	42: 1	62: 16			5 OCT	2	6.0	7: 17	18: 7	26: 19				
			76: 6	78: 1							60: 1						
30 JUL	6	3.0	7: 12	20: 3	26: 19			11 OCT	6	6.0	7: 17	17: 1	20: 9				
30 JUL	3	1.0	62: 14	76: 6							25: 42	60: 1					
31 JUL	6	5.0	7: 30	20: 7	26: 29			12 OCT	3	1.5	15: 3	17: 1					
1 AUG	3	2.5	2: 1	13: 4	14: 4			12 OCT	6	3.0	7: 9	20: 2	25: 17				
			20: 3	36: 1	76: 8			12 OCT	3	5.0	3: 1	14: 15	15: 5				
2 AUG	3	0.5	62: 9	76: 6							17: 3	36: 1	41: 1				
2 AUG	6	4.0	7: 11	26: 8							42: 5	62: 18	70: 2				
6 AUG	3	6.0	1: 1	6: 1	14: 16						76: 12	90: 3					
			15: 14	17: 4	20: 2			15 OCT	3	5.0	11: 1	14: 18	15: 7				
			36: 5	62: 19	72: 1						17: 2	20: 2	41: 2				
			76: 19								42: 4	62: 16	76: 12				
7 AUG	3	1.0	13: 1					16 OCT	3	2.5	13: 6	14: 4	15: 6				
10 AUG	3	1.5	11: 3	36: 1							20: 1	41: 4	62: 6				
16 AUG	3	0.5	62: 2	76: 6							76: 4						
20 AUG	6	2.0	26: 3	79: 6	80: 3			17 OCT	3	2.5	6: 1	13: 5	62: 4				
22 AUG	3	1.5	79: 3	80: 1							76: 3						
23 AUG	3	1.0	11: 1	14: 5	15: 6			18 OCT	6	4.0	6: 9	20: 3	26: 32				
			41: 8	62: 5	76: 6						60: 3						
25 AUG	3	2.5	14: 12	15: 9	20: 4			19 OCT	6	5.5	6: 17	20: 8	26: 47				
			37: 1	62: 5	76: 3						60: 1						
30 AUG	3	4.0	14: 15	15: 11	17: 3			23 OCT	3	5.0	13: 11	14: 1	17: 2				
			20: 6	42: 2	62: 12						62: 4	76: 4					
			72: 18	76: 7	99: 1			24 OCT	3	4.0	13: 4	14: 3	15: 6				
7 SEP	6	6.5	8: 14	17: 1	20: 9						36: 3	42: 1	50: 1				
			26: 33								76: 8	90: 1					
7 SEP	3	2.5	2: 1	13: 2	20: 1			25 OCT	6	4.0	7: 7	18: 1	20: 6				
			62: 3	76: 36							26: 31						
8 SEP	3	2.5	11: 2	17: 1	62: 3			29 OCT	6	6.0	7: 19	20: 4	26: 27				
			76: 9					2 NOV	3	5.0	13: 2	42: 5					
9 SEP	6	7.0	20: 9	26: 45	60: 3			3 NOV	3	5.0	11: 1	13: 3	14: 1				
10 SEP	6	3.0	20: 3	26: 10	60: 1						15: 6	20: 2	42: 1				
11 SEP	3	2.0	11: 1	62: 5	76: 9						50: 3	62: 1	63: 1				
			112: 1								76: 6						
12 SEP	3	1.0	62: 3	76: 6				5 NOV	6	4.5	7: 29	18: 2	20: 9				
19 SEP	2	2.0	17: 1	20: 10	60: 4						26: 78						
22 SEP	3	4.0	7: 1	14: 4	17: 1			6 NOV	6	2.0	7: 10	13: 3	20: 1				
			36: 2	62: 1	76: 5						26: 9						
24 SEP	6	6.0	7: 42	11: 2	26: 37			8 NOV	6	2.0	17: 1	20: 6	26: 19				
			60: 6					13 NOV	3	1.0	13: 2						
4 OCT	3	3.0	14: 5	15: 16	17: 2			22 NOV	6	5.0	7: 18	18: 3	20: 14				
			20: 1	76: 9							26: 46	60: 4					
4 OCT	2	3.0	7: 9	18: 2	20: 2			23 NOV	3	4.0	5: 1	11: 1	13: 4				
			26: 29	60: 3							26: 1	42: 8	76: 10				
5 OCT	3	3.0	13: 6	20: 1	62: 6						90: 1	123: 6					

APPENDIX TABLE 10. (CONTINUED).

DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES —					
23 NOV	6	6.5	7: 29	18: 6	20: 26			
			26: 67	60: 2				
24 NOV	3	4.0	13: 3	15: 6	62: 6			
			64: 1	76: 6				
26 NOV	3	3.0	13: 2	62: 3	76: 5			
29 NOV	3	4.0	2: 1	13: 7	15: 1			
			17: 1	62: 4	76: 5			
30 NOV	3	4.0	13: 3	17: 1	62: 2			
			76: 6					
27 DEC	3	3.0	14: 1	20: 1	36: 1			
			62: 21	76: 16				
28 DEC	3	2.0	14: 3	15: 8	37: 1			
			76: 12					
29 DEC	3	4.0	15: 12	17: 4	62: 18			
			76: 5					
31 DEC	3	4.0	14: 6	15: 18	17: 1			
			20: 1	37: 1	62: 12			
			76: 16					
1 JAN	3	1.0	37: 1	76: 2				
3 JAN	3	3.0	14: 1	15: 16	17: 2			
			36: 1	37: 9	50: 1			
			70: 2	76: 9				

APPENDIX TABLE 11. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM SOUTHEAST FLORIDA

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---							
1 JAN	3	4.0	6:	4	36:	1	39:	1	19 FEB	3	2.0	24:	2				
3 JAN	3	5.5	6:	5	11:	2			20 FEB	3	3.0	24:	1				
4 JAN	3	3.0							20 FEB	3	3.0						
5 JAN	3	5.0	11:	1	35:	1	39:	2	21 FEB	3	6.5	24:	1	35:	1		
6 JAN	3	3.5	24:	1	29:	1	39:	1	22 FEB	3	2.0	8:	1				
7 JAN	3	1.0	11:	1					23 FEB	3	6.5	22:	1	24:	3		
7 JAN	3	5.5	39:	2					23 FEB	3	3.0	24:	3				
9 JAN	3	2.0	8:	1					24 FEB	3	6.5	24:	1	35:	1		
9 JAN	3	3.5	11:	1					25 FEB	3	6.0	8:	6	29:	1	35:	1
10 JAN	3	5.5	24:	2					25 FEB	3	4.0	24:	2				
11 JAN	3	5.0							26 FEB	3	3.0						
11 JAN	6	3.0							28 FEB	3	4.0	11:	1				
12 JAN	2	2.0	11:	1					28 FEB	3	6.0	8:	1	11:	1	35:	1
12 JAN	3	5.5	6:	2					1 MAR	3	8.0	8:	1	24:	2		
13 JAN	3	3.5							1 MAR	3	6.0	24:	3	39:	1		
14 JAN	3	3.0	6:	4	39:	1			2 MAR	3	4.0	22:	2				
15 JAN	3	3.0	39:	1					2 MAR	3	6.0						
16 JAN	3	6.0							3 MAR	3	6.0	24:	1				
19 JAN	3	7.0	35:	2	39:	1			4 MAR	3	3.5	7:	2	22:	1		
20 JAN	3	6.5	11:	1	39:	1			4 MAR	3	4.0	24:	1				
21 JAN	3	7.0	39:	2					5 MAR	3	6.0	8:	1	11:	1		
22 JAN	3	6.0	11:	2					5 MAR	3	2.0	24:	2				
23 JAN	3	5.0	39:	12					6 MAR	3	3.0	24:	2				
24 JAN	3	4.0	6:	7	11:	2			7 MAR	3	3.0						
24 JAN	3	5.0							8 MAR	3	2.0	11:	1				
25 JAN	3	5.0	39:	1					8 MAR	3	3.0	13:	2	24:	1		
26 JAN	3	5.0							9 MAR	3	6.0	7:	4	37:	2		
27 JAN	3	2.5							9 MAR	3	6.0	3:	1	8:	1		
28 JAN	3	3.0							10 MAR	3	6.0	24:	2	39:	1		
29 JAN	3	3.0	35:	3					11 MAR	3	4.0	8:	1				
1 FEB	3	3.0	39:	1					11 MAR	3	3.5						
2 FEB	3	6.0							12 MAR	3	2.0	8:	3				
4 FEB	3	3.0	35:	1					12 MAR	3	6.0	8:	4	11:	1		
6 FEB	2	4.0	1:	1	5:	1	6:	1	13 MAR	3	2.0						
6 FEB	3	6.5	35:	1	39:	1			13 MAR	3	3.5						
7 FEB	3	3.0	6:	3	11:	1	35:	1	14 MAR	3	4.0	23:	1				
8 FEB	3	3.5	1:	1	8:	3	11:	2	14 MAR	3	6.0	8:	3	35:	1	75:	1
9 FEB	3	6.5	29:	1	35:	1			15 MAR	3	2.0						
10 FEB	3	2.5	39:	2					15 MAR	3	3.0	24:	3				
11 FEB	3	1.0	24:	1					16 MAR	3	2.0	24:	2				
12 FEB	3	2.5							17 MAR	3	6.0	7:	15	8:	1	11:	2
13 FEB	3	5.5	7:	6	35:	1	39:	1				13:	1	22:	1	23:	1
			75:	1					18 MAR	3	4.0	23:	1				
14 FEB	3	5.5	7:	14	11:	1	37:	1	18 MAR	3	3.0	5:	2	7:	5	8:	1
16 FEB	3	5.5	24:	2								24:	2				
17 FEB	3	3.0	11:	1					19 MAR	3	3.0	5:	4	7:	10	12:	1
18 FEB	3	6.5										24:	6				

APPENDIX TABLE 11.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---							
19 MAR	3	4.0	8:	2			19 APR	3	2.0								
20 MAR	3	3.0	7:	15	13:	2	23:	1	19 APR	3	3.5	24:	1				
			24:	4	39:	1			20 APR	3	3.5						
21 MAR	3	3.0							22 APR	3	2.0	11:	1	24:	1		
22 MAR	3	3.0	11:	1	13:	6	35:	4	22 APR	3	3.5						
23 MAR	3	4.0	24:	2					23 APR	3	3.5						
23 MAR	3	3.0	13:	6	35:	1			24 APR	3	2.0	21:	1				
24 MAR	3	3.0							24 APR	3	3.0	11:	1				
25 MAR	3	2.0	5:	3					25 APR	3	3.0	1:	2				
25 MAR	3	5.0	6:	4	7:	4	11:	1	26 APR	3	7.0	1:	3	8:	1	86:	1
			39:	1					26 APR	3	2.0	24:	2				
26 MAR	3	4.0	5:	4	24:	2			27 APR	3	7.5	1:	10	8:	1		
26 MAR	3	5.0	24:	1	39:	2			27 APR	3	2.0	24:	4				
27 MAR	3	3.0	24:	3					28 APR	3	3.0	1:	1	22:	1		
27 MAR	3	5.0	5:	2	11:	1	13:	1	28 APR	3	2.0	13:	1	24:	4		
28 MAR	3	5.0	13:	2	79:	9	80:	1	29 APR	3	2.5	1:	1	8:	1		
28 MAR	3	3.0							30 APR	3	3.0	1:	3	20:	1		
29 MAR	3	4.0	35:	1	79:	4	80:	2	1 MAY	3	3.5	1:	2				
29 MAR	3	3.0							3 MAY	3	3.0	1:	1				
30 MAR	3	5.0	24:	3	35:	1	39:	1	4 MAY	3	2.5	86:	1				
			80:	4					5 MAY	3	2.5						
30 MAR	3	2.0							6 MAY	3	3.0						
31 MAR	3	2.0	24:	2					6 MAY	3	2.0	1:	2	8:	8		
1 APR	3	3.5	8:	3					7 MAY	3	6.5						
2 APR	3	2.0	35:	1					8 MAY	3	2.5	1:	1				
2 APR	3	2.5							9 MAY	3	3.5	8:	2				
3 APR	6	3.5							10 MAY	3	2.0	1:	2	24:	10		
4 APR	2	2.0	3:	10					10 MAY	3	2.5	1:	1				
4 APR	6	7.0	7:	1	8:	3			11 MAY	3	6.0	1:	2	13:	5		
5 APR	3	3.0	8:	1	24:	4			11 MAY	3	5.5	1:	5	11:	1		
5 APR	3	4.5	24:	5					12 MAY	3	2.0	1:	4	23:	1		
6 APR	6	6.5							12 MAY	3	2.5						
7 APR	6	6.0	1:	1					13 MAY	3	6.0	1:	1				
8 APR	6	5.5							14 MAY	3	2.5	1:	1	8:	1		
9 APR	3	4.0	11:	1					15 MAY	3	2.5						
9 APR	2	2.0	3:	5					16 MAY	3	5.0	24:	10				
11 APR	3	1.5							17 MAY	3	8.5						
13 APR	3	2.5							18 MAY	3	8.5						
14 APR	3	2.0	5:	8					18 MAY	2	4.0	1:	5	8:	8		
14 APR	3	7.0	5:	9	24:	1			19 MAY	3	0.5						
15 APR	6	3.5	22:	1					19 MAY	2	2.0	1:	3	8:	5		
16 APR	3	3.5							20 MAY	6	3.0	1:	3	3:	1	8:	1
16 APR	3	2.0	13:	1					21 MAY	3	1.5	8:	2				
17 APR	2	2.0	1:	1	22:	1			22 MAY	3	3.0	1:	3	8:	2		
17 APR	3	3.5							22 MAY	3	3.5	1:	1	3:	1	24:	1
18 APR	3	2.0	24:	2					23 MAY	3	3.0	1:	1	8:	1		
18 APR	3	3.5							24 MAY	3	2.5						

APPENDIX TABLE 11. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --						
25 MAY	3	5.0	1:	3	11:	2	25:	1	3 JUL	3	5.0	1:	6	8:	2	11:	2
			86:	1								22:	1				
25 MAY	3	2.5	1:	4	8:	1			5 JUL	3	3.0	1:	1	8:	4	35:	1
26 MAY	3	6.5	1:	1	3:	1	11:	1	5 JUL	3	7.0	1:	2	8:	2	11:	5
			12:	1								23:	1				
26 MAY	3	2.5	8:	1	11:	1	24:	1	6 JUL	3	3.0	1:	2	8:	3	11:	2
27 MAY	3	4.5	11:	2	23:	1	24:	1	6 JUL	3	7.0	1:	2	8:	2	11:	7
28 MAY	3	3.5	11:	2	24:	3	41:	2	7 JUL	3	7.0	1:	8	8:	1	11:	4
31 MAY	3	2.0	11:	2					10 JUL	3	3.5	8:	1	11:	2		
1 JUN	3	3.0	1:	1	8:	1	11:	1	11 JUL	3	3.5	8:	3	11:	3		
1 JUN	3	3.0							13 JUL	3	4.0	1:	2	7:	2	8:	1
2 JUN	3	6.0	1:	1	11:	1			14 JUL	3	3.5	1:	1	24:	2		
2 JUN	3	2.0	1:	1	8:	1			15 JUL	3	7.0	3:	1	8:	1	11:	1
3 JUN	3	4.0	86:	1								24:	3				
4 JUN	3	3.5	1:	4	25:	1			17 JUL	3	3.5						
6 JUN	3	4.5	1:	1					18 JUL	3	3.5	8:	1	11:	1	24:	1
7 JUN	3	2.0	1:	2					20 JUL	3	3.0	1:	2	8:	4		
7 JUN	3	3.5	1:	4	11:	1	25:	1	20 JUL	3	6.0	8:	1	11:	1	25:	2
8 JUN	3	3.5	1:	1	8:	1	11:	1	21 JUL	3	7.0	8:	3	11:	3	21:	1
9 JUN	3	5.0	1:	2	8:	1			25 JUL	3	3.5	8:	2				
9 JUN	3	7.0	1:	2	7:	1	11:	2	26 JUL	3	7.0	8:	3	23:	1	24:	1
			23:	1					26 JUL	3	2.5	1:	1	8:	1	11:	2
10 JUN	3	4.5	7:	2	11:	1			27 JUL	3	5.0						
11 JUN	3	2.5	1:	4	8:	4			28 JUL	3	7.0	1:	3	7:	1	8:	3
13 JUN	3	7.0	1:	4	8:	2	11:	2				11:	6				
			25:	1					29 JUL	3	1.0						
14 JUN	3	1.5	1:	2	7:	1	11:	2	2 AUG	3	3.5	8:	7	11:	3		
14 JUN	3	1.0	1:	1	11:	4			3 AUG	3	7.0	1:	1	8:	5		
15 JUN	3	3.5	11:	1					4 AUG	3	3.5	1:	1	8:	5	11:	1
16 JUN	3	5.0	1:	3	8:	1			15 AUG	3	3.5	1:	1	8:	5		
17 JUN	3	2.0	1:	2	8:	3	39:	1	17 AUG	3	3.5	1:	1	8:	17	11:	2
17 JUN	3	3.5	1:	3								12:	1	24:	2		
19 JUN	3	3.0	1:	2	7:	2			18 AUG	3	7.0	8:	12				
19 JUN	3	3.5							20 AUG	3	4.0	1:	2	8:	4		
22 JUN	3	2.0							20 AUG	3	5.0	8:	6	11:	3		
22 JUN	3	4.0	1:	1	24:	5			21 AUG	3	1.0	8:	2				
23 JUN	3	4.0	1:	1	24:	4			22 AUG	3	3.5	8:	1	11:	2	12:	1
23 JUN	3	3.5										86:	1				
24 JUN	3	3.5	11:	1					24 AUG	3	8.0	1:	4	8:	1	25:	1
25 JUN	3	4.0	1:	1	11:	2			25 AUG	3	1.0	11:	1				
27 JUN	6	3.0	8:	2	11:	1	41:	1	31 AUG	3	2.5	8:	4				
			106:	1					2 SEP	3	4.5	1:	1	8:	12	11:	2
28 JUN	3	3.5	8:	2	11:	1	24:	1				13:	2	23:	1	57:	1
29 JUN	3	5.0	11:	3	39:	1			4 SEP	3	5.5	1:	1	7:	1	8:	10
30 JUN	3	6.0	1:	1	11:	2	41:	1				11:	4				
30 JUN	3	3.0	1:	2	8:	3	11:	2	6 SEP	3	7.0	11:	2				
2 JUL	3	3.5	7:	1	11:	2			6 SEP	3	2.0	8:	2	17:	3	80:	6

APPENDIX TABLE 11.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					
7 SEP	3	2.0	8:	3	11:	2	24:	2	22 NOV	3	2.5	22:	1	24:	3
7 SEP	3	6.0	1:	2	8:	1	12:	1	23 NOV	3	6.5	1:	2	11:	1
			25:	1					24 NOV	3	3.5	1:	2		24:
8 SEP	3	2.5	8:	3					24 NOV	3	3.0	8:	1	24:	1
8 SEP	3	3.5	1:	1	8:	1	11:	1	25 NOV	3	6.0	24:	4		
			24:	2					26 NOV	3	5.5	24:	5		
10 SEP	3	5.0	11:	2	23:	1	24:	2	26 NOV	3	3.0	24:	3		
			29:	1					27 NOV	3	3.5				
12 SEP	3	2.5	8:	2	11:	1			29 NOV	3	7.0	8:	1	11:	1
21 SEP	3	6.0	1:	1	3:	1			30 NOV	3	4.5				
21 SEP	3	3.0	13:	1	23:	1	24:	3	30 NOV	3	4.0	24:	4		
23 SEP	3	3.5	1:	9	11:	3			1 DEC	3	2.5	23:	1		
28 SEP	3	8.5	1:	1	11:	1	22:	1	2 DEC	3	8.0				
29 SEP	3	1.0	1:	1					3 DEC	3	2.0				
6 OCT	3	3.0	1:	2	8:	1	11:	1	4 DEC	3	4.0	1:	1	24:	2
12 OCT	3	4.0							5 DEC	3	3.0	1:	1		
13 OCT	3	7.0	7:	1	8:	2	25:	1	6 DEC	3	1.5				
14 OCT	3	3.5	1:	1	8:	2	11:	1	7 DEC	3	2.5	23:	1	24:	1
			22:	2					8 DEC	3	2.5	1:	1		
16 OCT	3	3.5	1:	1	8:	1	11:	1	12 DEC	3	3.5	1:	1	22:	1
			39:	1					13 DEC	3	3.5				
17 OCT	3	3.0	1:	3	8:	2	11:	1	14 DEC	3	2.5	24:	4		
			24:	3					15 DEC	3	1.5				
17 OCT	3	3.5	1:	8	24:	2			16 DEC	3	3.0	8:	1	24:	2
18 OCT	3	6.0	1:	2	8:	1	11:	1	18 DEC	3	3.5	24:	1		
19 OCT	3	3.5	23:	1	24:	2			19 DEC	3	3.5	1:	2	8:	3
21 OCT	3	2.0	1:	4					20 DEC	3	3.0	1:	1	24:	2
22 OCT	3	3.5	1:	1	11:	1	12:	1	21 DEC	3	3.5	1:	1		
23 OCT	3	5.0	8:	1	24:	3			23 DEC	3	3.0	1:	1	24:	2
25 OCT	3	3.0	8:	2	24:	4			23 DEC	3	7.0	1:	3	8:	1
27 OCT	3	3.5	1:	1	11:	1	24:	2	26 DEC	3	4.5	1:	1	8:	1
28 OCT	3	3.0	8:	2	24:	3			27 DEC	3	4.0	1:	4	8:	1
30 OCT	3	4.0							27 DEC	3	3.0	39:	1		
3 NOV	3	3.0	11:	3					28 DEC	3	5.0	1:	2	13:	1
5 NOV	3	3.0	8:	4	39:	1			29 DEC	3	5.0	11:	1		
6 NOV	3	2.5	1:	1	8:	2			30 DEC	3	7.0	1:	1	39:	1
8 NOV	3	1.5	1:	1					31 DEC	3	7.0	1:	1		
8 NOV	3	3.0	1:	2	8:	4	24:	3	1 JAN	3	3.0	1:	1	23:	1
9 NOV	3	2.5	8:	4					1 JAN	3	6.5	13:	1		
9 NOV	3	6.0	8:	4					2 JAN	3	4.5				
10 NOV	3	3.5	22:	1	24:	4	39:	1	3 JAN	3	6.5				
10 NOV	3	2.5	1:	1	8:	2	24:	3	4 JAN	3	3.5	8:	1		
13 NOV	3	3.5	1:	1	23:	2	24:	2							
			39:	1											
14 NOV	3	3.5	11:	1	22:	3	24:	2							
15 NOV	3	3.5	1:	1	23:	1	24:	2							
17 NOV	3	3.0													

APPENDIX TABLE 12. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM SOUTHEAST FLORIDA

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			
2 JAN	3	5.0	39:	1	75:	1	9 FEB	3	3.5	39:	2		
4 JAN	6	4.0	21:	1	75:	1	9 FEB	3	8.0				
5 JAN	3	7.0					10 FEB	3	7.5	1:	1	8:	3
7 JAN	3	3.0	39:	1						39:	2		
8 JAN	4	4.0	11:	1			11 FEB	3	3.0				
9 JAN	3	2.0	82:	12			12 FEB	3	6.0	35:	1		
9 JAN	3	4.0	6:	7	7:	2	13 FEB	3	4.0	6:	6	39:	1
			91:	1	11:	1	14 FEB	3	3.0	35:	1		
9 JAN	3	2.0	11:	2			15 FEB	3	3.0				
11 JAN	3	0.5	37:	1	82:	4	16 FEB	3	7.0	6:	4	8:	4
11 JAN	3	4.0								11:	2		
12 JAN	3	7.5	6:	11	11:	2	16 FEB	3	8.0	8:	1	11:	1
			39:	1	24:	3	17 FEB	3	7.0	1:	1	3:	2
12 JAN	2	2.0								11:	1		
13 JAN	3	4.0	6:	5	7:	2	23:	4					
			35:	1	21:	1	18 FEB	3	3.0	35:	1		
14 JAN	3	4.0	39:	1			19 FEB	3	6.0	87:	1		
15 JAN	3	7.0	35:	2			20 FEB	3	3.0	39:	1		
16 JAN	3	8.0	39:	2			21 FEB	3	3.0				
17 JAN	3	8.0	35:	1	39:	1	22 FEB	3	6.0				
18 JAN	3	4.5	6:	3	39:	2	23 FEB	3	3.0	35:	1		
18 JAN	3	4.0	39:	1			25 FEB	3	4.0	35:	1		
19 JAN	3	4.0	35:	1	39:	1	26 FEB	3	8.0	35:	1		
21 JAN	3	4.0	39:	1			26 FEB	3	7.5	24:	2	35:	5
22 JAN	3	4.0					27 FEB	3	7.0	35:	1		
23 JAN	3	4.0	39:	1			28 FEB	3	7.0	3:	2	21:	1
24 JAN	3	4.0	39:	3			28 FEB	3	3.0			33:	1
25 JAN	3	3.5	6:	3	39:	2	2 MAR	3	3.5	6:	8	11:	2
25 JAN	3	8.0	11:	1	39:	2	2 MAR	3	4.0				
26 JAN	6	3.0	11:	2			3 MAR	3	7.0	6:	9	21:	1
27 JAN	3	4.0	3:	1	6:	5	3 MAR	3		35:	2	24:	1
			23:	1	11:	2	4 MAR	3	3.0				
28 JAN	3	3.5	6:	8	35:	1	5 MAR	3	2.0				
28 JAN	3	3.0	75:	1			5 MAR	3	4.0	6:	6	11:	2
29 JAN	3	4.0	6:	10	23:	1	8 MAR	3	2.0				
29 JAN	3	4.0	39:	1	39:	1	9 MAR	3	2.0				
30 JAN	3	3.0	11:	1	35:	2	9 MAR	3	4.0	1:	1	6:	4
31 JAN	3	4.0	1:	1	6:	4	21:	1		7:	5		
1 FEB	3	2.5	39:	1			10 MAR	3	7.0	35:	2		
1 FEB	3	3.0	39:	1			11 MAR	3	4.0	24:	3	35:	1
2 FEB	3	6.0	22:	1	35:	1	12 MAR	3	2.0				
3 FEB	3	7.5	91:	1			13 MAR	3	4.0	1:	1	6:	4
3 FEB	3	4.0	39:	1						7:	6		
4 FEB	3	8.0	24:	2	35:	1	13 MAR	3	2.0	11:	1		
5 FEB	3	6.0	35:	2			14 MAR	3	4.0	35:	1		
6 FEB	3	4.0	55:	1			15 MAR	3	4.0	3:	4	7:	5
7 FEB	3	8.0	35:	1			15 MAR	3	3.0	35:	1		
							16 MAR	3	2.0				

APPENDIX TABLE 12. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				
18 MAR	3	4.0	19:	1	35:	1	7 SEP	3	1.0				
19 MAR	3	4.0	24:	1			28 SEP	3	2.0	18:	3		
20 MAR	3	4.0	24:	1			29 SEP	3	2.5				
21 MAR	1	3.0	19:	1			8 NOV	3	1.0	39:	1		
23 MAR	3	4.0	35:	1			17 NOV	2	0.5	7:	3		
24 MAR	2	7.5	3:	24			30 NOV	3	1.5				
25 MAR	3	5.0	35:	1			1 DEC	3	1.0	39:	1		
27 MAR	3	3.5	6:	4	11:	1	35:	2	3 DEC	3	1.5	35:	1
28 MAR	3	5.0	22:	1			5 DEC	2	1.0				
29 MAR	3	3.5	1:	1	6:	3	35:	1	6 DEC	3	2.0		
29 MAR	3	3.0	35:	2			8 DEC	3	1.0				
30 MAR	3	2.0					15 DEC	3	1.0				
30 MAR	3	8.0	5:	10	7:	3	35:	1	22 DEC	3	3.0	39:	1
31 MAR	2	2.0	3:	8			24 DEC	3	2.0				
2 APR	6	2.0	15:	1	30:	4		26 DEC	3	2.5			
3 APR	2	1.0	13:	1			27 DEC	3	3.5				
7 APR	3	1.0	13:	1			28 DEC	3	2.0				
8 APR	3	1.5					29 DEC	3	1.5				
19 APR	3	0.5					1 JAN	3	0.5	13:	2		
28 APR	3	0.5					3 JAN	3	1.5				
3 MAY	3	0.5	13:	2									
4 MAY	3	1.0	13:	1									
5 MAY	3	1.0	13:	1									
6 MAY	3	4.5	1:	1	11:	1	13:	3					
7 MAY	3	0.5	13:	1									
8 MAY	3	1.0	13:	3									
10 MAY	3	1.0	13:	3									
11 MAY	3	1.5	13:	5									
12 MAY	3	1.0	13:	3									
13 MAY	3	1.0	13:	1									
14 MAY	3	1.0	13:	3									
15 MAY	3	1.0	13:	3									
16 MAY	3	2.0	13:	1	17:	2							
19 MAY	3	4.5											
20 MAY	3	0.5	13:	1									
23 MAY	3	0.5											
24 MAY	3	1.0	13:	2									
25 MAY	3	2.0											
26 MAY	3	1.5	13:	2									
2 JUN	3	1.0											
3 JUN	3	1.0											
19 JUN	3	1.0	24:	3									
27 JUN	3	1.0											
29 JUN	3	2.0											
29 JUL	3	3.0											
30 JUL	3	4.0	7:	2	18:	2	20:	2					
6 SEP	3	1.0											

APPENDIX TABLE 13. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM SOUTH FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---						
1 JAN	2	5.0	1:	1	2:	2	3:	1	24 JAN	2	6.0	1:	8	11:	3	19:	1
			11:	1	12:	22	17:	1				87:	1				
			140:	1					24 JAN	2	6.0	1:	2	11:	11	13:	1
3 JAN	2	3.5	12:	2	18:	1	19:	2				19:	2	25:	20		
			25:	1	26:	2			25 JAN	6	6.0	13:	1	17:	1	19:	1
3 JAN	3	2.0	1:	3								23:	3	24:	1		
4 JAN	2	5.5	11:	1	25:	4	26:	6	25 JAN	2	2.0	19:	10				
			60:	1	118:	1			25 JAN	3	6.0	1:	3	11:	12	25:	4
4 JAN	6	3.0	11:	2					26 JAN	6	6.0	11:	6	18:	1	19:	3
6 JAN	6	6.0	1:	8	3:	1	11:	1				60:	2				
			12:	1	23:	1	25:	10	26 JAN	2	6.0	1:	1	3:	1	11:	10
			26:	10								19:	1	25:	5		
6 JAN	6	6.5	11:	2	12:	2	19:	3	27 JAN	3	6.0						
			54:	1					28 JAN	6	7.5	11:	4	12:	4	13:	1
6 JAN	3	6.0	1:	5	11:	3	25:	2				17:	1	19:	8		
7 JAN	6	4.5	11:	1	19:	5			28 JAN	6	6.0	11:	4	13:	3	17:	1
8 JAN	3	3.5	11:	2	18:	1	19:	3				24:	3	25:	53	67:	5
			118:	1					29 JAN	6	6.0	11:	6	19:	1		
8 JAN	3	6.0	1:	14	11:	2	25:	6	30 JAN	3	6.0	1:	12	11:	2	22:	1
9 JAN	3	6.0	1:	29	7:	1	8:	1	30 JAN	6	6.0	1:	1	11:	12	19:	4
			11:	5	23:	2	25:	1				23:	2	25:	1	67:	1
9 JAN	3	4.5	12:	1	19:	7			30 JAN	6	7.5	11:	2	18:	1	19:	6
11 JAN	2	3.0	1:	6	11:	3	67:	1				25:	5	26:	3	60:	2
11 JAN	3	3.5	11:	1	12:	1	19:	6	1 FEB	3	6.0	1:	28	11:	6	13:	1
12 JAN	2	6.0	1:	2	3:	1	11:	2				23:	2	24:	2	25:	6
			12:	1	19:	2	25:	10	2 FEB	2	4.5	13:	1	19:	9		
			60:	1					2 FEB	3	6.0	1:	1	23:	1	24:	12
13 JAN	3	6.0	1:	4	11:	2	13:	1				25:	8				
			22:	2	24:	1	36:	1	2 FEB	6	6.0	1:	20	11:	1	19:	1
14 JAN	3	6.0	1:	12	11:	3	19:	1				22:	2	23:	3	25:	1
15 JAN	3	2.0	1:	10					3 FEB	3	6.0	1:	4	8:	4	25:	4
15 JAN	2	3.0	1:	7	11:	2	19:	1				87:	1				
			60:	1					3 FEB	2	4.5	11:	1	12:	1	19:	10
16 JAN	3	6.0	1:	18	8:	1	11:	3	3 FEB	6	6.0	11:	14	19:	4	24:	1
			19:	2	25:	2	60:	1				25:	3	67:	2		
16 JAN	2	4.0	11:	4	13:	1	19:	11	4 FEB	3	2.0	1:	6				
17 JAN	2	3.0	11:	3	19:	1	24:	1	4 FEB	6	6.0	11:	20	19:	5		
18 JAN	3	2.0	1:	2	11:	2	19:	1	5 FEB	6	6.0	1:	13	11:	4		
			25:	1					6 FEB	3	6.0	1:	12	3:	1	8:	1
18 JAN	6	6.0	1:	1	11:	1	18:	1				11:	2	22:	2	24:	6
			19:	2	23:	3	25:	1				25:	4				
19 JAN	6	6.0	1:	1	3:	2	11:	30	7 FEB	2	1.0						
			19:	6					7 FEB	3	6.0	1:	5	23:	1	24:	1
20 JAN	6	6.0	11:	28	18:	1	19:	2				25:	2				
			25:	2					7 FEB	6	6.0	1:	9	11:	4	19:	3
23 JAN	2	6.0	1:	28	11:	3	19:	2				60:	1				
			87:	1					9 FEB	2	6.0	1:	6	11:	2	25:	2

APPENDIX TABLE 13. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --						
10 FEB	6	6.0	1:	5	11:	5	19:	1	26 FEB	3	6.0	1:	12	23:	6	24:	1
			25:	2	36:	2						25:	2				
11 FEB	2	2.0	7:	20	11:	3			27 FEB	6	6.0	8:	4	11:	4	19:	5
13 FEB	2	2.0	1:	3								23:	8	25:	3		
14 FEB	3	6.0	1:	20	11:	6			27 FEB	2	7.0	2:	1	7:	2	12:	2
14 FEB	6	6.0	1:	18	23:	2	25:	2				18:	1	19:	8		
15 FEB	3	6.0	1:	8	36:	1			27 FEB	3	6.0	1:	12	8:	2	11:	6
15 FEB	3	6.0										22:	1	23:	1		
16 FEB	3	2.0	1:	12	8:	4	23:	2	28 FEB	3	6.0	11:	2	24:	1	25:	8
16 FEB	2	6.0	1:	26	25:	1			28 FEB	6	6.0	8:	2	11:	25	19:	4
16 FEB	2	6.5	11:	3	19:	9	25:	4				22:	1	23:	8	60:	1
17 FEB	2	6.0	1:	14	11:	1			28 FEB	2	4.0	12:	1	19:	5		
17 FEB	2	6.5	11:	3	19:	8	25:	4	1 MAR	6	6.0	1:	1	8:	2	11:	11
17 FEB	3	2.0	1:	16								25:	1				
18 FEB	3	2.0	1:	5	8:	1			2 MAR	3	6.0	8:	4	23:	2	24:	1
18 FEB	6	6.0	1:	14	11:	3	19:	1	3 MAR	3	6.0	1:	6	3:	2	8:	6
18 FEB	2	6.0	11:	2	12:	5	17:	1				11:	6	13:	2	22:	1
			19:	5	25:	2	130:	1				23:	2				
19 FEB	2	6.5	2:	1	11:	1	13:	1	3 MAR	6	6.0	11:	10	19:	3	23:	3
			17:	2	19:	5						26:	1	103:	1		
19 FEB	3	6.0	1:	16	8:	4	23:	2	4 MAR	3	6.0	8:	2	11:	1	13:	4
			87:	1								23:	1	25:	4		
19 FEB	6	6.0	1:	25	8:	1	19:	1	4 MAR	6	4.5	11:	20	23:	2		
20 FEB	3	6.0	1:	8	25:	1			5 MAR	3	6.0	1:	1	8:	1	13:	2
20 FEB	6	6.0	1:	1	11:	12	19:	4				22:	1	23:	8	25:	2
			26:	1					5 MAR	6	4.0	11:	2				
20 FEB	2	3.5	11:	2	12:	1	19:	3	8 MAR	3	2.0	1:	2	8:	1	13:	2
			25:	2								23:	2	25:	2		
21 FEB	2	2.0	1:	4	3:	1	8:	1	8 MAR	6	6.0	8:	2	11:	4	24:	3
			11:	6	19:	2	25:	4	9 MAR	3	6.0	1:	5	8:	12	13:	4
			67:	2								22:	1	23:	4	25:	2
21 FEB	6	6.0	24:	12	36:	1			9 MAR	6	4.0	11:	2	19:	5		
22 FEB	3	6.0	1:	28	11:	2	23:	4	9 MAR	6	5.0	8:	4	19:	2	23:	2
			24:	4	25:	4						25:	1	26:	1	74:	1
22 FEB	3	2.0	11:	2	24:	2	36:	1	10 MAR	3	6.0	2:	1	11:	6	12:	2
23 FEB	2	3.0	11:	2								13:	4	23:	2	24:	2
23 FEB	2	2.0	1:	8	23:	1	25:	2	10 MAR	6	5.0	11:	10	19:	1	25:	1
24 FEB	3	6.0	1:	12	8:	2	11:	4				67:	1				
			23:	4	39:	1			11 MAR	3	2.0	8:	12	13:	2		
25 FEB	6	6.0	1:	12	8:	4	11:	2	11 MAR	6	3.0	11:	15	19:	1		
			17:	1	19:	4	23:	10	12 MAR	3	2.0	8:	1	13:	2	25:	2
			25:	3					12 MAR	2	3.5	11:	1	19:	9		
25 FEB	3	6.0	1:	8	11:	2	24:	2	12 MAR	6	5.0	11:	12	23:	1		
			25:	6					14 MAR	6	3.5	19:	1	25:	1		
26 FEB	2	6.5	3:	1	11:	2	19:	8	14 MAR	6	5.0	11:	12	67:	2		
26 FEB	3	6.0	8:	2	22:	1	23:	6	15 MAR	3	6.0	1:	4	8:	4	11:	6
			24:	1								19:	2	23:	2	24:	1

APPENDIX TABLE 13. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				
15 MAR	3	6.0+	25:	10		31 MAR	5	2.0	24:	15	30:	25	
15 MAR	2	3.0	11:	5		1 APR	5	1.0	30:	16	39:	1	
16 MAR	3	6.0	1:	2	8:	4	11:	2	1 APR	3	2.0	23:	2
			23:	1	25:	6	67:	1	2 APR	6	3.5	2:	2
16 MAR	3	4.5	24:	45		2 APR	3	4.0	13:	5	33:	2	
17 MAR	3	6.0	1:	4	8:	6	11:	6	2 APR	3	6.0	6:	1
			13:	4	23:	4	24:	1				25:	2
			25:	4	60:	1			4 APR	3	6.0	6:	1
18 MAR	3	6.0	8:	6	22:	1	23:	1	4 APR	6	3.5	8:	5
19 MAR	3	4.0	24:	2					5 APR	3	5.0	8:	3
19 MAR	2	4.0	11:	2	19:	11			6 APR	3	6.0	1:	2
20 MAR	3	6.0	8:	21	11:	6	13:	4	6 APR	3	7.5	24:	11
			23:	2	24:	2			7 APR	2	1.0	17:	1
20 MAR	2	3.5	11:	1	17:	2	19:	1				26:	2
			54:	6	60:	4			8 APR	2	6.0	13:	14
21 MAR	2	3.0	11:	10	17:	1	19:	2				23:	1
22 MAR	3	2.0	1:	1	8:	1			8 APR	3	5.0	39:	1
22 MAR	3	4.5	8:	4	23:	3			8 APR	3	6.5	24:	3
23 MAR	2	3.5	2:	1	11:	2	19:	3	9 APR	3	5.0	11:	1
			25:	1	54:	2	60:	2				23:	1
23 MAR	3	6.0	8:	5	11:	1	22:	1	10 APR	2	4.0	6:	1
			23:	8	24:	1	25:	4	13 APR	3	5.0	11:	2
23 MAR	3	5.0	8:	6	23:	23			14 APR	6	6.5	7:	1
24 MAR	2	4.0	11:	1	19:	6	26:	2				11:	1
24 MAR	2	6.0	1:	2	11:	12	12:	1	14 APR	3	6.0	24:	9
			19:	4	25:	4	26:	2	15 APR	3	3.5	22:	1
25 MAR	6	6.5	11:	2	12:	1	19:	3	15 APR	3	5.0	23:	20
			26:	7	39:	1	76:	8	15 APR	3	6.0	24:	6
25 MAR	3	6.0	1:	1	8:	5	11:	1	16 APR	3	6.0	22:	1
			13:	4	22:	1	23:	1	18 APR	2	3.5	19:	1
			24:	1					19 APR	3	6.0	23:	2
26 MAR	3	6.0	8:	15	11:	2	13:	4	20 APR	2	1.5	11:	1
			23:	2								17:	1
26 MAR	3	6.0	8:	2	11:	10	19:	2	20 APR	3	6.0	26:	5
			26:	6					20 APR	3	6.0	54:	2
27 MAR	3	6.0	5:	8	8:	6	13:	4	21 APR	3	5.0	23:	1
			23:	6	24:	4	39:	1	21 APR	2	7.0	24:	14
29 MAR	3	2.0										3:	1
29 MAR	3	6.0	1:	1	8:	3	11:	2	21 APR	3	6.0	13:	2
			13:	4	22:	1	23:	4	21 APR	3	6.0	19:	1
30 MAR	3	6.0	1:	1	5:	6	8:	4	23 APR	3	2.0	26:	4
			11:	1	13:	2	22:	1	24 APR	6	7.5	24:	3
			23:	4	25:	4	39:	1				1:	2
30 MAR	3	5.0	8:	3	23:	1	24:	6				3:	1
			26:	1								11:	2
31 MAR	3	4.5	23:	1	24:	10			25 APR	3	6.0	19:	3
31 MAR	3	6.0	6:	1	23:	10	24:	5	25 APR	2	3.5	26:	2
												54:	4
									25 APR	3	6.0	60:	2
												24:	27
												41:	1
												19:	2
												26:	4
												54:	4
												24:	3

APPENDIX TABLE 13. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --							
26 APR	2	3.5	19:	2	26:	2	54:	1	12 MAY	2	3.5	11:	1	19:	2	26:	5
26 APR	3	6.0	24:	8								54:	3				
27 APR	3	6.0	24:	2					12 MAY	3	6.0	24:	42				
27 APR	2	2.0	2:	1	11:	1	13:	1	13 MAY	6	8.5	1:	1	7:	4	11:	2
			19:	1	26:	2	54:	2				12:	1	19:	4	26:	5
28 APR	3	1.0										54:	4	60:	2		
28 APR	2	1.5	11:	1	19:	3			13 MAY	3	6.0	13:	2	23:	1		
29 APR	3	7.0	13:	1	23:	5	24:	11	13 MAY	3	6.0	24:	17				
29 APR	6	5.0	19:	2					14 MAY	6	3.5	19:	1	24:	15	26:	4
30 APR	3	6.0	1:	1	6:	8	23:	7				54:	3	60:	1		
			68:	1					15 MAY	3	6.0	24:	56				
30 APR	2	1.0							15 MAY	3	5.0	24:	17				
1 MAY	6	7.5	1:	3	2:	2	19:	4	16 MAY	3	7.0	24:	4	68:	1		
			23:	1					16 MAY	6	3.5	19:	1	24:	10	26:	4
1 MAY	3	6.0	1:	1	6:	8	23:	8				54:	6				
1 MAY	3	7.0	13:	4	22:	1	23:	4	17 MAY	2	3.5	19:	3	26:	4	54:	2
2 MAY	3	6.5	8:	2	13:	1	23:	6				60:	1				
			24:	11					18 MAY	3	6.0	6:	1	11:	4	13:	1
3 MAY	3	5.0	14:	1	20:	3	24:	15				24:	7				
			62:	5	79:	1	118:	1	18 MAY	3	5.0	24:	5				
3 MAY	6	7.5	1:	1	3:	1	8:	4	18 MAY	6	7.5	8:	2	19:	8	26:	2
			19:	2	23:	2						54:	3				
4 MAY	3	6.0	6:	10	11:	1	13:	5	19 MAY	3	6.0	24:	4				
			23:	1					19 MAY	3	6.5	8:	4	24:	52		
4 MAY	2	5.0	11:	1	13:	1	19:	2	19 MAY	3	7.0	24:	61				
			26:	4					20 MAY	3	6.0	6:	1	24:	8	68:	1
4 MAY	3	6.0	1:	2	8:	2	19:	2	21 MAY	3	3.0	6:	1	11:	2	24:	4
			20:	5	26:	14	39:	1	22 MAY	3	6.0	22:	6	24:	6		
			42:	11	60:	1	62:	4	23 MAY	3	6.0	24:	5				
			118:	2					23 MAY	3	7.0	24:	8				
5 MAY	3	4.0	11:	1	19:	2	23:	2	24 MAY	6	7.5	8:	2	19:	1	23:	4
5 MAY	2	3.0	11:	1	19:	5	60:	1				24:	4	26:	2		
			81:	1					24 MAY	3	3.0						
6 MAY	3	1.5	1:	1	6:	1	11:	1	24 MAY	3	6.5	24:	45				
6 MAY	6	7.5	11:	1	19:	2	22:	1	25 MAY	3	6.0	6:	1	24:	1	25:	1
			24:	5	25:	1	26:	3				39:	2				
			54:	4	60:	3			25 MAY	3	4.5	24:	17				
7 MAY	6	7.5	11:	2	19:	5	26:	3	25 MAY	3	7.0	8:	2	24:	4		
			54:	2					26 MAY	6	4.0	8:	2	19:	1	23:	1
7 MAY	3	5.5	24:	13								26:	2	54:	1	76:	3
8 MAY	3	7.0	22:	1	24:	15			26 MAY	3	6.0	1:	2	6:	2		
8 MAY	3	6.0	6:	1	11:	1	23:	2	26 MAY	3	5.0	68:	2				
			24:	13					27 MAY	3	6.5	24:	29				
10 MAY	2	3.5	26:	4	54:	2	60:	1	27 MAY	3	6.0	24:	35	57:	1		
10 MAY	3	5.0	6:	1					27 MAY	3	6.5	24:	29				
11 MAY	2	2.5	19:	3					28 MAY	3	6.0	24:	11				
12 MAY	3	6.0	24:	52					28 MAY	3	6.0	24:	38				

APPENDIX TABLE 13. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					
30 MAY	3	7.0	22:	1	24:	48	41:	1	2 JUL	3	6.0	11:	2	24:	7
			68:	1					3 JUL	3	6.0	7:	12	11:	1
31 MAY	3	6.5	24:	11								24:	30		
31 MAY	3	6.0	11:	1	22:	1	24:	5	3 JUL	3	6.0	11:	1	24:	2
1 JUN	6	7.5	8:	1	11:	2	24:	3	3 JUL	3	5.5	7:	1	23:	3
			26:	4								41:	2	68:	4
1 JUN	3	7.0	24:	17					4 JUL	3	6.0	22:	1	24:	15
1 JUN	3	6.0	22:	1	24:	19						59:	1		
2 JUN	3	6.5	24:	12					4 JUL	3	6.0	7:	4	24:	8
3 JUN	3	6.0	8:	1	24:	38			5 JUL	3	6.0	24:	8	68:	1
4 JUN	3	6.5	8:	2	24:	28			5 JUL	3	6.5	7:	15	8:	2
7 JUN	3	7.0	23:	12	24:	135						29:	2	24:	35
8 JUN	3	6.0	24:	87					6 JUL	3	6.0	24:	4	59:	1
9 JUN	3	6.0	24:	31					7 JUL	3	3.0	24:	2		
9 JUN	3	6.0	11:	1	24:	30			7 JUL	3	4.5	24:	4		
10 JUN	3	6.0	23:	6	24:	75	68:	3	8 JUL	3	6.5	7:	8	11:	2
11 JUN	3	6.5	8:	2	24:	34						29:	3	24:	28
11 JUN	3	6.0	23:	8	24:	24	68:	2	10 JUL	3	6.0	24:	3		
			78:	3					10 JUL	2	4.5	11:	8		
12 JUN	3	5.5	24:	44					11 JUL	3	6.0	24:	14	39:	1
12 JUN	3	6.0	11:	1	23:	12	24:	12	11 JUL	3	6.0	7:	4	8:	2
13 JUN	3	6.0	11:	1	24:	26						29:	1	24:	6
13 JUN	3	6.0	24:	23	146:	1			12 JUL	3	6.0	24:	10		
14 JUN	3	6.5	8:	2	24:	56	29:	1	13 JUL	3	6.0	24:	2		
14 JUN	3	5.5	11:	1	24:	21			13 JUL	3	6.0	24:	6		
14 JUN	3	3.0	1:	1	6:	1	11:	2	14 JUL	3	5.0	11:	1	23:	3
			25:	1								68:	3	24:	11
15 JUN	3	6.0	11:	10					14 JUL	3	2.0	24:	2		
15 JUN	3	1.0	24:	13	108:	2			17 JUL	3	6.0	7:	5	8:	1
17 JUN	3	6.0	24:	2					18 JUL	2	2.0	11:	5	24:	14
21 JUN	3	6.5	7:	6	24:	36			19 JUL	3	6.0	23:	4	24:	43
22 JUN	3	6.0	7:	10	24:	28	29:	1	21 JUL	3	7.0	7:	2	8:	2
22 JUN	3	6.0	11:	1	22:	1	24:	5	22 JUL	3	4.0	24:	2	24:	4
23 JUN	3	6.0	6:	1	24:	2	68:	2	24 JUL	3	1.5	8:	2		
24 JUN	3	6.5	7:	10	8:	2	11:	1	25 JUL	6	3.5	8:	3	11:	1
			24:	32					26 JUL	3	6.0	23:	14	24:	9
24 JUN	3	5.0	23:	11	24:	19	68:	7	26 JUL	3	3.5			68:	4
25 JUN	3	6.0	7:	8	8:	1	20:	1	27 JUL	3	7.0	22:	1	24:	31
			24:	16								41:	4	36:	1
25 JUN	3	6.0	24:	19					27 JUL	6	7.0	11:	3	24:	14
26 JUN	3	5.0	7:	3	24:	21	68:	3	28 JUL	3	7.0	11:	1	23:	9
29 JUN	3	6.0	7:	12	8:	3	24:	28				68:	3	24:	17
29 JUN	3	5.5	11:	1	23:	1	24:	17	29 JUL	3	6.0	7:	2	23:	12
			68:	7								36:	4	41:	14
30 JUN	3	6.0	7:	5	8:	2	23:	2	29 JUL	3	6.0	6:	14	11:	3
			24:	16	29:	1			30 JUL	3	6.0	6:	3	11:	2
1 JUL	3	5.5	7:	6	24:	8			31 JUL	3	5.0	6:	6	11:	10
												24:	2		

APPENDIX TABLE 13. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---								
1 AUG	3	6.0	11:	1	24:	9	1 SEP	3	6.0	24:	12	68:	2				
2 AUG	3	6.5	24:	41			2 SEP	3	6.0	22:	1	24:	2				
2 AUG	3	6.0	24:	11			3 SEP	2	3.5	11:	4	19:	2	26:	5		
3 AUG	3	6.5	11:	1	24:	37	29:	1		54:	5	60:	2	118:	1		
3 AUG	3	6.0	6:	2	11:	2	24:	4	5 SEP	3	6.0	24:	18				
			25:	1					7 SEP	3	5.0	24:	32				
3 AUG	3	6.5	23:	7	24:	56	68:	8	7 SEP	3	6.0	6:	4	11:	1	22:	1
4 AUG	3	6.5	7:	4	24:	76						24:	28	68:	2		
4 AUG	3	7.5	11:	2	23:	4	24:	61	7 SEP	3	6.0	24:	12	68:	5		
			68:	1					8 SEP	3	6.0	11:	1	24:	4		
4 AUG	3	6.0	24:	4					10 SEP	3	6.0	22:	2	24:	16		
6 AUG	3	3.0	6:	4	11:	6			22 SEP	6	3.5	11:	1	19:	1	26:	3
8 AUG	2	3.0	6:	6	11:	5	18:	1	28 SEP	6	7.5	11:	4	19:	2	26:	7
8 AUG	3	7.0	11:	5	23:	4	24:	4				54:	5	60:	2		
			68:	2					29 SEP	2	3.0	11:	3	26:	10	54:	4
8 AUG	3	6.5	7:	1	8:	2	11:	1	1 OCT	2	7.0	3:	1	7:	5	11:	4
			24:	44								12:	2	13:	2	19:	2
9 AUG	3	6.0	7:	2	8:	2	11:	2				26:	8	54:	4	60:	1
			24:	12								118:	1				
10 AUG	3	7.0	11:	1	23:	5	24:	8	2 OCT	6	6.5	11:	3	19:	2	24:	7
			68:	3								26:	4	54:	5		
10 AUG	3	3.0	24:	5	68:	8	75:	1	6 OCT	3	6.0	23:	8	24:	2		
11 AUG	3	7.0	8:	3	24:	4			13 OCT	3	6.0	24:	8				
11 AUG	3	3.0	68:	5					15 OCT	3	7.0						
12 AUG	3	6.0	68:	4					16 OCT	3	7.0						
14 AUG	3	6.0	1:	2	6:	12	11:	8	17 OCT	2	3.5	11:	4	19:	2	25:	1
			23:	1								26:	6	60:	2	118:	1
15 AUG	3	3.5	24:	7								130:	1				
15 AUG	3	6.0	6:	2	11:	9	24:	2	18 OCT	3	7.0						
16 AUG	3	6.0	8:	1	24:	7			19 OCT	2	4.5	11:	2	13:	6	19:	5
16 AUG	3	4.0	1:	7	62:	6	82:	4	19 OCT	3	7.0						
17 AUG	3	6.0	24:	1	75:	1			20 OCT	3	6.0	24:	5				
17 AUG	3	4.0	8:	4					22 OCT	3	8.0						
19 AUG	3	6.0	8:	1	11:	1	22:	1	23 OCT	3	8.0						
			24:	6	65:	2			24 OCT	3	8.0						
21 AUG	3	5.5	8:	2	23:	1	24:	4	26 OCT	6	6.0	6:	2	11:	15	19:	1
			65:	1								24:	2	25:	4	26:	6
22 AUG	3	6.0	8:	2	21:	1	23:	1				60:	2	67:	1		
			24:	3	65:	2			27 OCT	6	6.0	11:	12	18:	1	25:	5
24 AUG	6	3.5	8:	1	11:	11						26:	2	60:	1		
24 AUG	3	6.0	11:	2	24:	7			27 OCT	3	3.0	24:	24				
25 AUG	3	6.0	6:	1	11:	1	24:	13	29 OCT	2	4.0	11:	2	19:	4	26:	3
			68:	3					30 OCT	6	4.0	11:	1	19:	3	26:	2
26 AUG	3	5.5	8:	1	23:	1	24:	1	30 OCT	3	3.0	1:	1	6:	3	23:	2
			29:	1					2 NOV	6	6.0	6:	2	11:	10	23:	1
31 AUG	3	6.0	6:	3	11:	2	24:	4				24:	5	25:	3	26:	2
			67:	1					3 NOV	6	3.0	1:	2	11:	6	24:	2

APPENDIX TABLE 13. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			
3 NOV	6	3.0+	25:	3									
6 NOV	3	6.0	1:	1	24:	9							
7 NOV	3	6.0	6:	3	39:	1							
8 NOV	3	6.0	6:	1	24:	3							
9 NOV	2	3.0	11:	8	19:	2	25:	6					
			26:	5	67:	1							
10 NOV	6	7.5	11:	2	12:	5	19:	1					
10 NOV	2	3.0	11:	5	19:	1	25:	3					
			26:	3	67:	2							
11 NOV	3	6.0	6:	1	24:	3							
23 NOV	6	3.0	11:	2									
26 NOV	6	6.0	11:	9	25:	4	26:	1					
			67:	1									
29 NOV	6	4.5	1:	1	13:	1	19:	5					
			25:	2	26:	6	54:	4					
			60:	1									
29 NOV	2	6.0	11:	3	25:	6	26:	1					
30 NOV	2	6.0	6:	1	11:	7	25:	9					
30 NOV	6	7.0	1:	1	19:	4	25:	1					
			26:	1	54:	3	60:	1					

APPENDIX TABLE 14. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM SOUTH FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
1 FEB	2	5.0	36:	2									
7 FEB	3	4.0	13:	2	60:	4							
11 FEB	2	4.0	36:	1									
13 FEB	2	4.0	36:	1									
22 FEB	2	4.0											
28 FEB	3	2.0	13:	2	60:	2							
4 MAR	3	1.5	13:	2	19:	2							
9 MAR	3	1.0	13:	4									
10 MAR	3	1.0											
11 MAR	3	3.0	13:	6									
12 MAR	3	2.0	12:	1	19:	8							
14 MAR	3	1.0	13:	1									
15 MAR	3	1.0	13:	4									
16 MAR	3	1.5	13:	2									
19 MAR	3	2.0	13:	3	16:	2	19:	2					
22 MAR	3	2.0	13:	5									
22 MAR	6	3.0	13:	3	18:	12	36:	1					
			50:	1	54:	6	76:	20					
23 MAR	3	1.0	13:	4									
25 MAR	3	1.5											
29 MAR	2	3.5	10:	1									
29 MAR	3	1.0	13:	2									
30 MAR	6	8.0	10:	2	13:	1							
30 MAR	3	1.0	13:	4									
31 MAR	3	1.5	13:	5									
31 MAR	2	5.0	1:	1	7:	12	11:	1					
			19:	4	25:	1	26:	5					
			36:	1									
31 MAR	2	3.0	10:	1									
1 APR	3	1.0	13:	3									
1 APR	2	5.0	26:	20	60:	3							
3 APR	2	3.5	10:	1									
4 APR	3	5.5	1:	3	6:	4	11:	2					
			26:	15									
5 APR	3	2.5	13:	2									
5 APR	6	6.0	13:	3	35:	1	60:	1					
6 APR	3	6.0	6:	2	11:	7	12:	3					
			26:	24									
7 APR	2	2.5	26:	5	60:	1							
9 APR	2	4.0	10:	1									
13 APR	3	1.0	13:	2									
14 APR	2	6.0	1:	1	13:	1	26:	34					
			60:	6									
16 APR	2	3.5	10:	1									
17 APR	2	5.5	13:	1	20:	7	26:	36					
			50:	9	60:	2							
20 APR	2	2.0	54:	2									
20 APR	2	0.5											
21 APR	2	4.0	10:	2									
22 APR	3	6.0	8:	4	12:	3	26:	49					
			67:	1									
22 APR	2	8.0											
23 APR	2	4.5	10:	1									
23 APR	3	6.0	2:	1	8:	2	12:	1					
			19:	5	26:	37	67:	1					
24 APR	3	6.5	1:	4	7:	9	8:	4					
			19:	1	26:	3	30:	6					
			60:	2	76:	15							
26 APR	2	8.5	10:	1	19:	1							
27 APR	3	6.0	7:	8	12:	3	13:	1					
			26:	29	41:	3	62:	3					
27 APR	6	6.5	13:	2									
28 APR	3	1.0	13:	1									
28 APR	3	2.0	13:	4	79:	1							
28 APR	3	6.5	1:	1	2:	2	8:	1					
			11:	2	13:	1	19:	1					
			26:	9	54:	1	60:	2					
29 APR	3	2.0	13:	3									
30 APR	3	6.0	26:	19	41:	2	42:	8					
			62:	3									
30 APR	3	2.5	13:	1									
2 MAY	3	10.5											
5 MAY	1	2.0	26:	1	60:	1							
5 MAY	3	6.0	1:	1	6:	3	7:	2					
			11:	1	12:	5	13:	1					
			19:	2	26:	8	60:	4					
5 MAY	3	0.5											
6 MAY	6	4.0	7:	8	13:	2	118:	3					
8 MAY	2	4.0	10:	1	54:	1							
9 MAY	2	5.0	10:	1									
10 MAY	3	1.0	13:	4									
10 MAY	2	5.0	12:	1									
14 MAY	6	6.5	1:	1	6:	1	7:	16					
			19:	1	26:	6	60:	2					
15 MAY	3	1.0	49:	1	50:	1	80:	2					
15 MAY	2	3.5	10:	2	12:	1							
16 MAY	2	4.0	10:	2									
17 MAY	6	6.0	7:	4	11:	8	12:	21					
			13:	1	19:	2	26:	12					
			42:	11									
19 MAY	3	1.0	79:	2									
21 MAY	6	6.5	1:	1	6:	2	7:	7					
			11:	4	12:	1	26:	4					
23 MAY	2	3.0	10:	1	11:	1							

APPENDIX TABLE 14.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --						
24 MAY	3	3.0	13:	6		8 JUL	1	5.0+	54:	3	58:	11	98:	1	
24 MAY	2	4.0	10:	3					90:	17					
25 MAY	2	3.5	10:	1		9 JUL	1	6.0	10:	1	101:	2			
26 MAY	3	2.5	41:	2	50:	14	80:	9	18 JUL	3	3.0	6:	7	37:	1
27 MAY	3	1.5	37:	1	79:	1			22 JUL	3	2.5	6:	2	11:	1
29 MAY	6	5.0	7:	6	11:	1	13:	3				20:	2	26:	9
			23:	1	42:	4	60:	2	24 JUL	3	2.5	13:	2		
			62:	4	82:	1	106:	2	29 JUL	3	1.0	80:	1		
3 JUN	6	7.0	1:	2	6:	4	7:	6	31 JUL	3	1.0	13:	1	118:	1
			11:	1	12:	1	13:	2	1 AUG	2	6.0	26:	12	54:	31
			19:	4	25:	1	26:	17	2 AUG	2	5.5	26:	36	54:	25
			30:	7	36:	1	42:	9	3 AUG	2	4.5	26:	42	54:	33
			60:	7	76:	14	120:	1	5 AUG	3	4.5	1:	14	6:	27
15 JUN	6	5.0	7:	8	19:	1	26:	11				11:	3	12:	1
			42:	14	60:	6	97:	1				19:	1		
			20:	3	60:	3	97:	1	9 AUG	3	5.0	1:	4	6:	2
18 JUN	3	5.0	26:	18	54:	1	60:	5				7:	3		
19 JUN	3	10.5	18:	3	20:	2	24:	3	11 AUG	3	5.0	26:	14	54:	1
			26:	20	50:	10	54:	28				60:	2		
			60:	9								1:	4	6:	1
20 JUN	3	4.0	20:	3	26:	26	36:	1				7:	5	13:	2
			50:	2	60:	6	76:	6				20:	1		
			106:	3	120:	2	122:	1	13 AUG	3	6.0	23:	1	24:	1
21 JUN	3	6.0	7:	5	17:	1	20:	8				62:	2		
			26:	31	42:	1	50:	6				1:	1	11:	3
			60:	10	96:	1			17 AUG	3	5.0	19:	1	26:	28
21 JUN	2	4.0	10:	2								74:	1		
22 JUN	2	4.0	10:	1					18 AUG	1	5.0	4:	22	12:	8
22 JUN	3	5.5	1:	1	7:	4	8:	2				34:	8		
			11:	2	12:	4	13:	3				54:	5	88:	1
			20:	4	25:	11	26:	9	21 AUG	1	1.0	90:	1		
			50:	2	74:	2	75:	2	22 AUG	3	6.0	1:	1	26:	11
			120:	7								54:	14		
23 JUN	3	5.0	1:	1	2:	1	6:	2	27 AUG	6	6.0	60:	6	97:	1
			7:	2	20:	2	26:	36				1:	4	6:	14
			50:	3	60:	7	76:	1				7:	5		
24 JUN	3	1.0	13:	4					18 AUG	6	6.0	18:	3	26:	8
26 JUN	3	1.0	13:	1								54:	14		
4 JUL	3	4.5	1:	1	6:	1	20:	6	28 AUG	6	6.0	60:	3		
			60:	8	62:	29	82:	1				6:	26	7:	2
5 JUL	3	6.5	1:	2	6:	1	13:	4				19:	1	26:	33
			22:	1	26:	1	41:	2	1 SEP	3	4.5	54:	26		
			54:	1	60:	4	62:	2				60:	7		
			120:	3					2 SEP	6	6.0	6:	5	18:	1
6 JUL	3	5.0	26:	10	60:	1	78:	1				26:	21		
7 JUL	3	6.0	1:	3	13:	2	60:	13	3 SEP	3	5.0	57:	3	60:	2
			62:	21	82:	43						6:	6	19:	1
8 JUL	1	5.0	4:	18	9:	21	12:	6	4 SEP	3	7.0	57:	1	60:	3
												7:	1	18:	2
									5 SEP	3	6.0	54:	121	60:	6
												18:	1	26:	11
												54:	53		
												60:	7		

APPENDIX TABLE 14. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---		
6 SEP	3	4.5	7: 1	19: 1	20: 2	10 NOV	1	5.0	4: 2	9: 6	10: 1
			26: 13	60: 23					12: 10	34: 23	58: 11
8 SEP	3	5.5	2: 1	7: 2	18: 9	11 NOV	3	6.0	1: 8	7: 8	11: 1
			26: 52	57: 2	120: 1				13: 2	20: 3	26: 17
9 SEP	6	5.0	7: 1	18: 3	19: 1	16 NOV	3	5.5	54: 23	60: 5	
			26: 17	29: 1	54: 14				1: 2	7: 5	20: 6
11 SEP	3	6.0	1: 3	6: 6	11: 7				24: 15	25: 9	54: 16
			29: 6	60: 1					103: 1		
12 SEP	3	6.5	1: 6	6: 9	19: 2	22 NOV	3	6.0	6: 1	7: 3	13: 2
			24: 15	60: 6					20: 1	26: 46	60: 2
13 SEP	6	6.0	1: 13	7: 5	12: 1	23 NOV	3	6.0	1: 6	7: 21	13: 10
			13: 3	15: 2	19: 1				26: 48	60: 3	96: 1
			29: 7	54: 4	96: 1	24 NOV	3	7.5	1: 4	13: 8	
			120: 1			25 NOV	3	6.5	1: 10	6: 14	7: 21
14 SEP	6	7.0	6: 4	7: 4	18: 1				26: 2	60: 1	96: 8
			19: 4	26: 17	54: 9	26 NOV	3	6.5	6: 2	7: 1	11: 1
			60: 6	120: 2					13: 1	19: 2	24: 2
18 SEP	1	2.5	10: 2	54: 1					26: 8	39: 1	57: 1
20 SEP	1	2.0	10: 4						60: 2		
22 SEP	3	5.0	25: 1	26: 18	54: 9	28 NOV	6	5.0	16: 1	17: 1	19: 3
			60: 5	106: 2					26: 25	60: 1	
23 SEP	3	6.0	26: 12	54: 3	106: 5	28 NOV	3	6.5	6: 5	7: 17	13: 6
24 SEP	3	4.0	26: 21	54: 1	60: 2				19: 5	26: 43	57: 1
			74: 3						60: 2		
23 OCT	6	6.0	1: 1	7: 1	18: 2	29 NOV	3	6.0	1: 6	6: 2	13: 1
			19: 4	26: 3	54: 26				24: 1	25: 1	26: 4
			80: 1	130: 1	131: 1				54: 5	60: 7	
25 OCT	3	6.0	19: 2	20: 1	26: 16	30 NOV	3	6.5	1: 16	7: 5	13: 1
			54: 4	60: 2	120: 10				18: 3	24: 9	60: 7
26 OCT	3	5.5	6: 1	7: 5	13: 2				62: 11	82: 1	103: 1
			26: 19	42: 27	60: 2						
			62: 6	120: 1							
27 OCT	3	3.0	13: 14	24: 25							
5 NOV	1	5.0	4: 2	9: 16	10: 1						
			12: 37	34: 8	54: 3						
			58: 8	90: 5	92: 5						
6 NOV	6	6.0	1: 4	7: 3	13: 2						
			18: 3	19: 5	25: 3						
			26: 27	60: 3							
7 NOV	6	6.0	1: 10	13: 15	20: 5						
			25: 1	54: 16	60: 11						
8 NOV	1	5.0	4: 1	9: 35	12: 23						
			34: 11	43: 3	54: 3						
			58: 21	90: 4	92: 3						
			95: 1								
9 NOV	6	6.0	18: 5	19: 4	26: 4						
			54: 14	60: 21							

APPENDIX TABLE 15. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM SOUTHWEST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---		
1 JAN	2	3.5	3:	17	5:	3					
24 FEB	2	1.0	3:	2							
26 FEB	2	2.0	3:	3	5:	1					
27 FEB	2	3.0	3:	6	5:	2					
28 FEB	2	1.0	3:	3							
2 MAR	2	1.0	3:	4							
4 MAR	2	1.0	3:	4	5:	3	9:	6			
6 MAR	2	1.0	3:	2	5:	6	9:	3			
7 MAR	2	2.0	3:	3	5:	3	9:	7			
8 MAR	2	1.0	3:	1	5:	4	9:	2			
9 MAR	2	3.0	3:	2	5:	15	9:	1			
11 MAR	2	4.0	3:	7	5:	6	9:	4			
			12:	2							
12 MAR	2	2.0	3:	1	5:	2	9:	9			
14 MAR	2	4.0	3:	3	5:	2	9:	11			
			12:	1							
15 MAR	2	1.5	3:	1	5:	2	9:	5			
16 MAR	2	5.0	3:	4	5:	1	9:	6			
			12:	2							

APPENDIX TABLE 16. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM SOUTHWEST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---							
1 JAN	1	3.5	58:	7			20 JAN	1	3.5	34:	1	58:	7				
1 JAN	1	5.0	3:	6	9:	13	12:	4	22 JAN	1	3.0	9:	2				
			31:	22					22 JAN	1	3.5	9:	1	58:	5		
2 JAN	1	4.0	9:	5	58:	40			23 JAN	1	4.0	4:	2	34:	1	58:	1
2 JAN	1	6.0	3:	4	9:	12	12:	3	24 JAN	2	5.0	17:	3	34:	46	43:	1
			31:	31								54:	21				
3 JAN	1	6.0	9:	10	13:	3	34:	4	24 JAN	1	6.0	34:	2	58:	2	70:	1
			43:	1	58:	30	77:	1	25 JAN	1	2.5	9:	10	12:	1	34:	2
3 JAN	4	6.0	9:	5	12:	1	17:	2	25 JAN	1	7.0	34:	2	58:	13		
			18:	18					25 JAN	1	2.0	34:	3	58:	1		
5 JAN	4	6.0	8:	2	9:	3	17:	4	26 JAN	1	6.0	9:	20	31:	3	45:	2
			18:	16	20:	5	31:	13				70:	1				
			34:	16					27 JAN	1	3.5	9:	1	31:	9		
6 JAN	1	3.5	58:	5					28 JAN	3	5.0	18:	2	76:	5		
7 JAN	1	4.0	4:	12	9:	2	43:	1	30 JAN	2	5.0	17:	4	31:	1	34:	35
			58:	8	77:	1						54:	15				
7 JAN	1	3.5	58:	13					30 JAN	1	24.0	4:	6	9:	21	34:	10
8 JAN	1	3.0	10:	15	31:	1						58:	21				
8 JAN	1	6.0	4:	2	12:	3	34:	3	30 JAN	1	3.5	31:	13	34:	1		
9 JAN	1	4.0	5:	1	34:	1	58:	6	31 JAN	1	3.0	9:	2	54:	1		
10 JAN	1	3.5	58:	6					31 JAN	1	3.5	31:	9				
10 JAN	1	4.0	5:	1	18:	2	34:	6	1 FEB	1	3.5	31:	11	34:	1	45:	2
			58:	2					1 FEB	1	3.0	9:	6	54:	5		
10 JAN	4	3.0	9:	5	17:	1	31:	5	3 FEB	1	3.5	31:	11				
			34:	7	42:	6	76:	3	4 FEB	1	4.0	9:	4	58:	8		
11 JAN	1	4.0	18:	1	19:	3	34:	45	4 FEB	1	3.0	9:	15	31:	5	135:	2
			58:	3					5 FEB	1	6.0	4:	2	9:	6		
11 JAN	1	3.5	58:	9					6 FEB	1	3.5	31:	8				
12 JAN	1	3.5	34:	1	58:	1			6 FEB	1	6.0	45:	3	58:	2		
14 JAN	2	2.0	17:	3	34:	4			7 FEB	1	3.5	31:	15	70:	1		
15 JAN	1	4.0	9:	2	12:	4	34:	10	7 FEB	1	4.0	34:	4	58:	3		
			58:	4					8 FEB	1	4.0	9:	3	34:	2		
15 JAN	2	5.0	7:	3	12:	1	17:	15	9 FEB	1	3.5	31:	2				
			34:	36	54:	16	88:	1	9 FEB	1	6.0	9:	9	19:	1	31:	4
			103:	6								34:	1				
15 JAN	2	3.5	58:	11					10 FEB	1	3.5	31:	8				
16 JAN	1	5.0	4:	2	9:	6	34:	15	10 FEB	3	5.0	13:	6	18:	26	19:	1
			58:	5								42:	1				
16 JAN	2	3.5	58:	3					11 FEB	1	3.5	31:	11				
17 JAN	2	3.5	58:	13					11 FEB	1	3.0	9:	10	58:	15		
17 JAN	1	5.0	4:	1	9:	3	58:	4	14 FEB	1	3.5	31:	3				
18 JAN	2	3.0	17:	4	18:	2	20:	1	14 FEB	1	6.0	9:	6	58:	6		
			34:	8	42:	2			15 FEB	2	3.0	18:	4	34:	6	58:	10
19 JAN	1	3.0	9:	15	31:	2			16 FEB	1	7.0	31:	8				
19 JAN	2	3.5	58:	9					17 FEB	1	3.5	58:	2				
20 JAN	1	4.0	34:	15	58:	1			17 FEB	1	3.0	9:	4	31:	7	84:	1
20 JAN	1	2.5	9:	4	12:	3			17 FEB	1	4.0	34:	13	70:	1		

APPENDIX TABLE 16. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				
18 FEB	1	6.0	34:	55			5 MAR	1	4.0	4:	4	9:	5	34:	10
19 FEB	2	3.0	18:	6	31:	6	34:	12		43:	1	54:	6		
			76:	5					5 MAR	2	3.0	7:	15	17:	5
19 FEB	1	7.0	9:	5	34:	2	58:	15		34:	5				
20 FEB	1	4.0	19:	1	34:	50	54:	3	6 MAR	1	4.0	4:	2	9:	2
			58:	10							34:	11	43:	1	12:
20 FEB	1	3.0	9:	10	31:	9	34:	3	6 MAR	1	2.5	58:	5	140:	4
			84:	2					7 MAR	1	4.0	4:	1	34:	5
21 FEB	1	4.0	34:	3	43:	1	58:	2	7 MAR	1	5.0	58:	11	140:	5
21 FEB	2	5.0	9:	10	12:	4	18:	3	8 MAR	1	2.5	58:	6	140:	2
			31:	3	34:	14			8 MAR	2	2.0	9:	2	10:	1
22 FEB	1	3.5	34:	1	58:	11					18:	2	34:	4	17:
22 FEB	1	4.0	54:	2	58:	35			9 MAR	1	6.0	4:	2	9:	6
22 FEB	1	3.0	5:	1	9:	4	12:	3			43:	1	58:	2	34:
			31:	12	34:	2			9 MAR	2	5.0	12:	1	17:	7
23 FEB	1	5.0	9:	15	12:	5	31:	16			42:	4	54:	15	64:
			34:	9	76:	3			9 MAR	1	0.5	58:	2	140:	2
24 FEB	1	2.5	58:	5	140:	3			10 MAR	3	5.0	18:	55	42:	8
24 FEB	1	6.0	5:	1	9:	15	31:	16			76:	15			50:
25 FEB	1	6.0	9:	3	34:	15	43:	1	11 MAR	2	2.0	7:	8	17:	4
			58:	10							42:	5	54:	4	34:
26 FEB	1	5.0	58:	11	140:	2			11 MAR	1	3.0	58:	9		
27 FEB	1	5.0	3:	1	5:	1	9:	30	12 MAR	1	2.0	9:	5	12:	4
			31:	13	61:	1			12 MAR	1	1.5	58:	6	31:	12
27 FEB	1	6.0	4:	1	9:	10	34:	12	13 MAR	3	5.0	18:	21	42:	4
			43:	1	58:	35					76:	5	50:	2	
27 FEB	1	4.0	9:	1	58:	7	140:	5	14 MAR	3	1.5	58:	5	84:	1
28 FEB	1	2.5	58:	9	140:	4			14 MAR	1	2.0	9:	2	12:	3
28 FEB	3	6.0	13:	35	18:	25	42:	10	15 MAR	2	5.0	2:	4	7:	5
			50:	1	54:	18	118:	1			17:	6	34:	8	54:
28 FEB	1	4.0	9:	10	58:	36			15 MAR	2	2.0	29:	1	58:	3
1 MAR	1	6.0	3:	3	5:	2	31:	23	16 MAR	1	2.0	9:	3	34:	2
1 MAR	1	4.0	19:	1	34:	6	54:	20	16 MAR	1	2.5	58:	17	84:	2
			58:	5					17 MAR	1	2.0	9:	6	12:	2
2 MAR	1	4.0	9:	2	34:	15	43:	1	18 MAR	1	2.0	9:	12	12:	1
			58:	1					19 MAR	1	4.0	9:	18	12:	2
2 MAR	1	3.0	3:	1	9:	2	12:	4	20 MAR	1	2.0	9:	6	12:	1
			31:	12					21 MAR	1	2.0	9:	15	58:	11
2 MAR	1	2.5	9:	6	58:	14	140:	2	22 MAR	1	5.0	9:	18	58:	9
3 MAR	1	6.0	4:	2	9:	10	34:	20	23 MAR	1	5.0	9:	20	58:	13
3 MAR	4	4.0	3:	6	9:	4	12:	3	24 MAR	1	4.0	9:	1	12:	2
			17:	5	18:	12	34:	8			43:	2	54:	17	92:
4 MAR	1	6.0	4:	4	9:	3	34:	6	24 MAR	1	5.0	4:	4	9:	7
			54:	10	58:	1					76:	5	31:	18	
4 MAR	1	2.5	58:	3	140:	1			25 MAR	1	3.5	4:	1	12:	4
4 MAR	2	2.0	7:	20	10:	1	17:	4			43:	1	54:	15	34:
			18:	5	20:	3	34:	4	26 MAR	1	5.0	9:	8	12:	4
															31:

APPENDIX TABLE 16.(CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			
			18:	26:	50:	54:				20:	26:	54:	93:
20 APR	3	10.5+	18: 9	26: 87	50: 6	2 MAY	3	6.5+	20: 1	26: 38	54: 22		
			54: 59	76: 24		2 MAY	1	7.0	10: 1	29: 1	93: 4		
20 APR	2	3.0	18: 18	29: 1	93: 2				97: 1				
21 APR	3	6.0	26: 48	50: 2	54: 39	3 MAY	1	6.0	10: 2	29: 1	93: 4		
21 APR	1	7.0	31: 10	54: 1	61: 4				95: 1				
			92: 1			4 MAY	3	17.5	13: 12	17: 29	18: 40		
22 APR	3	4.5	2: 1	13: 1	16: 7				26: 125	42: 32	50: 4		
			17: 21	18: 8	20: 7				54: 70	60: 1	76: 21		
			26: 1	50: 5	54: 28	4 MAY	1	4.5	9: 2	31: 15	61: 1		
			76: 19			5 MAY	3	7.5	13: 21	17: 25	18: 19		
22 APR	2	4.0	17: 1	18: 24					20: 4	26: 38	42: 18		
23 APR	2	7.5	18: 47	20: 1	54: 1				50: 10	54: 29	76: 28		
23 APR	3	8.0	17: 8	18: 11	20: 4	5 MAY	2	3.5	17: 1	18: 14			
			26: 1	50: 2	54: 17	6 MAY	2	4.0	18: 21				
			64: 1	76: 11		7 MAY	2	7.5	18: 46				
24 APR	3	11.5	11: 2	13: 58	16: 4	8 MAY	2	7.0	18: 18				
			17: 21	18: 12	20: 1	10 MAY	2	3.5	18: 6	64: 1			
			26: 84	50: 10	54: 47	11 MAY	3	4.5	13: 28	17: 24	18: 8		
			76: 8						42: 2	50: 2	54: 12		
24 APR	4	6.0	3: 1	9: 10	12: 4				76: 9				
			18: 17	31: 2		12 MAY	3	4.5	6: 1	17: 14	18: 9		
25 APR	3	6.0	13: 21	18: 3	26: 27				20: 5	26: 3	42: 4		
			50: 2	54: 20					50: 1	54: 19	76: 12		
25 APR	2	7.0	18: 30			12 MAY	2	7.0	18: 14	76: 6			
26 APR	1	3.0	92: 2			14 MAY	3	4.0	17: 24	18: 5	20: 1		
27 APR	3	12.0	2: 1	13: 14	17: 12				26: 3	42: 2	50: 2		
			18: 14	26: 78	50: 4				54: 12	76: 9			
			54: 43	60: 1	64: 1	14 MAY	2	3.5	3: 1	18: 11	20: 1		
27 APR	2	6.0	10: 1	29: 2		15 MAY	3	5.5	6: 2	13: 12	16: 3		
28 APR	3	7.5	13: 25	16: 4	17: 18				17: 29	18: 13	20: 6		
			18: 29	20: 5	26: 45				26: 5	42: 8	50: 4		
			42: 11	50: 2	54: 32				54: 22	64: 1	76: 13		
			76: 8			16 MAY	2	4.0	17: 1	18: 6			
28 APR	1	7.0	7: 18	9: 4	12: 1	17 MAY	3	4.5	13: 22	17: 28	18: 12		
			31: 8	43: 1	45: 6				26: 4	42: 12	50: 2		
			54: 1						54: 19	76: 18			
29 APR	1	3.5	9: 15	45: 3	61: 1	17 MAY	2	4.0	18: 18				
			92: 1			18 MAY	3	5.0	6: 1	13: 8	17: 22		
30 APR	1	4.0	4: 1	9: 8	12: 2				18: 19	20: 4	26: 3		
			31: 5	45: 1					50: 1	54: 12	76: 9		
1 MAY	3	11.5	13: 18	16: 2	17: 23	18 MAY	1	3.5	92: 1				
			18: 17	20: 6	26: 75	19 MAY	3	7.5	11: 1	13: 28	16: 7		
			42: 12	50: 11	54: 49				17: 19	18: 24	26: 7		
			76: 19						42: 12	50: 3	54: 36		
1 MAY	1	7.0	9: 22	10: 1	31: 10				76: 12				
			45: 1			19 MAY	1	4.0	10: 1	12: 2	31: 4		
2 MAY	3	6.5	13: 4	17: 6	18: 13				54: 2				

APPENDIX TABLE 16. (CONTINUED).

DATE	ZONE	HOURS					DATE	ZONE	HOURS				
		FISHED	--- CATCH PER SPECIES ---						FISHED	--- CATCH PER SPECIES ---			
20 MAY	3	4.0	16: 2	17: 24	18: 13		5 JUN	2	4.0	3: 1	7: 2	17: 1	
			20: 4	42: 2	50: 2					18: 6	20: 1		
			54: 9	76: 9			6 JUN	1	3.5	9: 6	43: 2	54: 14	
22 MAY	2	3.5	18: 6	20: 1	29: 2		7 JUN	4	7.0	3: 2	7: 6	9: 3	
			42: 4							12: 2	17: 3	31: 44	
22 MAY	3	4.5	8: 2	13: 11	17: 13					34: 1	43: 1	54: 6	
			18: 18	20: 1	50: 3		7 JUN	3	4.0	6: 3	13: 6	17: 13	
23 MAY	1	7.0	9: 4	10: 1	31: 2					18: 28	42: 5	50: 1	
			43: 1	91: 1	92: 1		8 JUN	3	4.5	54: 4	76: 3		
			95: 1							11: 1	13: 12	16: 2	
24 MAY	1	2.0	9: 1	92: 2						17: 11	18: 22	20: 5	
24 MAY	3	4.5	17: 12	18: 22	20: 2					42: 3	50: 2	54: 6	
			26: 1	42: 1	50: 2					76: 12			
			54: 5	76: 11			9 JUN	2	3.5	7: 4	12: 2	17: 1	
25 MAY	3	4.0	13: 28	17: 9	18: 35					31: 16	54: 1	97: 1	
			42: 1	54: 2	76: 6		10 JUN	3	4.0	6: 1	13: 2	17: 4	
26 MAY	3	5.5	2: 1	6: 1	16: 2					18: 34	20: 2	26: 1	
			17: 25	18: 14	20: 3					42: 5	50: 3	54: 3	
			26: 2	42: 2	50: 1					76: 11			
			54: 12	76: 7			11 JUN	3	4.0	3: 1	6: 9	17: 3	
26 MAY	2	3.5	18: 10	20: 1						18: 29	20: 1	26: 1	
28 MAY	3	4.0	6: 4	12: 13	17: 13					42: 2	50: 1	54: 4	
			18: 9	20: 2	26: 1					76: 11			
			42: 3	50: 2	54: 18		11 JUN	2	3.5	17: 1	18: 16	20: 1	
			64: 1	76: 11			12 JUN	3	4.0	17: 6	18: 26	20: 5	
29 MAY	1	7.0	9: 5	12: 2	31: 14					42: 6	50: 5	54: 8	
			54: 2	92: 2						76: 20			
1 JUN	3	2.5	6: 4	18: 9	20: 1		14 JUN	3	4.5	1: 1	2: 1	11: 1	
			26: 8	42: 4	50: 1					13: 1	16: 1	17: 11	
			54: 3	76: 6						18: 22	20: 2	42: 4	
2 JUN	3	9.5	13: 19	16: 1	17: 14					50: 2	54: 3	76: 12	
			18: 22	20: 4	24: 10		14 JUN	4	5.0	9: 2	18: 10	29: 1	
			42: 2	50: 2	54: 1					31: 6	54: 4		
			76: 3				15 JUN	1	3.5	12: 1	45: 4	97: 6	
2 JUN	1	4.0	12: 6	29: 4	31: 8		15 JUN	3	5.0	13: 3	16: 1	17: 10	
			43: 4	92: 2	95: 1					18: 35	20: 2	26: 2	
3 JUN	1	7.0	9: 10	10: 1	12: 2					42: 4	54: 8	76: 10	
			31: 29	34: 2	54: 15		16 JUN	2	3.5	18: 14			
			84: 1	97: 2			16 JUN	3	4.5	13: 2	17: 3	18: 39	
4 JUN	3	4.5	6: 1	13: 4	16: 2					20: 2	42: 6	50: 2	
			17: 12	18: 20	20: 2					54: 3	76: 13		
			42: 8	50: 1	54: 11		17 JUN	3	4.5	17: 10	18: 48	20: 4	
			76: 6							42: 11	50: 3	54: 4	
5 JUN	3	4.0	13: 22	17: 8	18: 15					76: 11			
			20: 4	42: 5	50: 2		17 JUN	2	4.0	18: 27	95: 1		
			54: 5	76: 11			18 JUN	3	4.0	17: 8	18: 42	20: 3	

APPENDIX TABLE 16. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
18 JUN	3	4.0+	42: 5	50: 4	54: 5	26 JUL	1	4.0	12: 1	29: 1	45: 3		
			76: 12						54: 6	70: 1			
19 JUN	2	7.0	9: 2	17: 2	18: 41	4 AUG	1	4.0	9: 15	12: 2	34: 4		
			97: 1						43: 1	54: 12			
20 JUN	2	5.0	11: 1	17: 4	18: 10	5 AUG	1	3.5	9: 2	43: 2	54: 22		
			64: 1						92: 2				
21 JUN	3	4.0	17: 6	18: 45	20: 4	6 AUG	1	6.5	4: 4	9: 8	12: 1		
			42: 9	50: 2	76: 12				31: 12	54: 5	92: 1		
			95: 1			7 AUG	1	4.0	9: 10	12: 5	29: 2		
22 JUN	2	3.5	3: 1	18: 5					43: 6	61: 2	84: 1		
22 JUN	3	4.5	2: 1	6: 1	17: 4	8 AUG	1	4.0	9: 20	10: 1	34: 1		
			18: 35	20: 2	42: 6				54: 7				
			50: 4	54: 2	76: 16	9 AUG	1	4.0	4: 16	34: 2	43: 1		
23 JUN	2	8.0	17: 2	18: 72					54: 4	92: 8			
23 JUN	3	4.5	2: 1	6: 1	17: 9	10 AUG	1	6.5	4: 28	9: 6	34: 2		
			18: 48	20: 4	42: 12				43: 3	54: 6	92: 1		
			50: 6	54: 3	76: 8	11 AUG	1	3.5	4: 6	9: 3	34: 11		
24 JUN	2	3.5	3: 1	18: 28	20: 1				54: 4				
26 JUN	3	4.0	13: 3	17: 4	18: 39	12 AUG	1	4.0	4: 12	45: 1	54: 5		
			20: 2	42: 10	50: 2	13 AUG	2	4.0	7: 8	17: 2	64: 1		
			54: 6	76: 16		14 AUG	1	6.5	4: 18	31: 2	43: 2		
28 JUN	3	4.5	17: 12	18: 32	20: 5				45: 2	54: 7			
			42: 7	50: 4	54: 2	16 AUG	1	4.0	9: 11	45: 5	54: 2		
			76: 11			18 AUG	1	4.0	4: 9	9: 2	43: 1		
29 JUN	3	4.5	17: 6	18: 29	20: 2				54: 7				
			42: 5	50: 3	54: 9	3 SEP	1	4.0	4: 12	12: 1	34: 2		
			76: 16						43: 1	54: 15	92: 2		
30 JUN	2	3.5	12: 1	17: 2	18: 14	4 SEP	1	6.5	4: 4	12: 10	34: 3		
			34: 6	54: 2	63: 1				54: 8	84: 1	92: 1		
			64: 1	97: 2		5 SEP	1	4.0	4: 28	9: 3	45: 2		
1 JUL	2	3.5	17: 4	18: 43	20: 1				54: 5	95: 1			
			54: 2			7 SEP	2	5.5	11: 3	18: 28	87: 2		
2 JUL	4	6.0	9: 10	31: 6	34: 2	8 SEP	1	4.0	4: 2	43: 1	54: 10		
4 JUL	1	3.0	9: 4	12: 2	31: 6				92: 1				
			34: 1	45: 4	54: 21	9 SEP	1	3.5	9: 3	12: 1	54: 8		
5 JUL	2	7.0	18: 61	87: 1		10 SEP	1	6.5	9: 8	31: 12	45: 4		
7 JUL	4	5.0	7: 1	9: 4	10: 1				54: 1				
			12: 6	18: 18	60: 1	12 SEP	1	7.0	4: 18	12: 4	31: 2		
			76: 1						92: 2				
8 JUL	2	4.0	17: 1	18: 38	20: 1	14 SEP	1	4.0	4: 1	34: 2	43: 3		
			76: 6						54: 16				
11 JUL	2	7.5	18: 54			15 SEP	1	3.5	4: 4	12: 2	34: 16		
12 JUL	1	6.5	29: 2	34: 2	45: 2				43: 1	54: 8			
			60: 18	92: 4		17 SEP	1	7.0	4: 2	9: 5	12: 7		
13 JUL	1	4.0	4: 2	9: 2	34: 1				31: 5	34: 20	54: 11		
			92: 2						84: 1				
21 JUL	1	4.0	4: 1	34: 4	54: 28	19 SEP	1	4.0	12: 3	43: 2	54: 6		

APPENDIX TABLE 16. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --						
19 SEP	1	4.0+	70:	1				10 NOV	1	6.5+	34:	5	43:	2	54:	14	
21 SEP	1	6.0	4:	12	31:	1	34:	5	11 NOV	1	7.0	4:	1	9:	20	12:	10
			54:	5								31:	12				
23 SEP	1	4.0	4:	8	9:	4	31:	2	12 NOV	4	7.0	4:	2	9:	15	12:	1
			54:	15								17:	4	18:	2	20:	1
25 SEP	1	3.5	9:	6	34:	2	54:	12				31:	18	54:	4		
			92:	1					13 NOV	2	7.0	9:	25	12:	18	17:	1
27 SEP	1	3.0	43:	1	54:	5						31:	50	34:	1		
29 SEP	2	6.0	17:	2	18:	38	20:	1	14 NOV	2	7.0	3:	1	9:	10	12:	25
			42:	11								31:	85				
30 SEP	1	7.0	4:	2	9:	10	12:	4	15 NOV	2	7.0	7:	2	17:	4	31:	22
			31:	17	34:	2	43:	1				34:	2	84:	2		
			54:	18					16 NOV	2	4.0	17:	1	18:	10	20:	2
2 OCT	1	3.5	34:	2	43:	2	54:	8				34:	2	43:	2	54:	3
			92:	1								64:	1	70:	4		
4 OCT	1	4.0	9:	2	34:	9	54:	10									
5 OCT	2	5.5	18:	41	42:	10											
6 OCT	1	4.0	4:	1	9:	8	31:	18									
			54:	4	92:	2											
8 OCT	2	7.0	3:	6	17:	2	18:	28									
11 OCT	2	7.0	18:	45													
12 OCT	1	3.5	12:	1	34:	2	54:	2									
13 OCT	2	6.0	2:	1	17:	1	18:	38									
			64:	1													
15 OCT	1	3.5	9:	10	12:	5	31:	14									
17 OCT	1	5.0	4:	4	31:	16	54:	6									
			92:	1													
19 OCT	2	4.0	3:	1	18:	8											
21 OCT	1	4.0	9:	3	12:	2	31:	2									
			34:	4	43:	2	54:	11									
			70:	1	84:	2	92:	1									
22 OCT	1	3.5	4:	2	9:	10	34:	10									
			54:	1	70:	2											
24 OCT	1	7.0	9:	5	12:	8	31:	4									
			34:	12	43:	1	54:	14									
			70:	3													
26 OCT	1	7.0	9:	16	31:	24	34:	1									
			70:	4	92:	2											
3 NOV	1	6.5	9:	10	12:	4	31:	28									
4 NOV	1	4.0	9:	6	10:	2	31:	35									
			34:	1	54:	2											
5 NOV	1	7.0	9:	1	12:	4	29:	2									
			31:	59													
7 NOV	1	5.5	4:	8	31:	15	43:	2									
			54:	12	92:	1											
8 NOV	1	4.0	31:	20	54:	2	84:	2									
10 NOV	1	6.5	4:	12	9:	10	12:	3									

APPENDIX TABLE 17. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM WEST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --							
2 JAN	2	4.0	8:	6													
26 FEB	2	2.5				7 APR	2	3.0	3:	2	6:	1	7:	10			
4 MAR	2	4.5	3:	4					8:	3							
5 MAR	2	2.0				10 APR	2	6.0	1:	3	6:	3	11:	1			
10 MAR	2	4.5	3:	5					13:	3	86:	2					
13 MAR	2	2.0	3:	4		10 APR	2	2.5	1:	1	3:	6	7:	8			
13 MAR	2	5.0	3:	6		11 APR	2	6.0	1:	12	6:	2					
14 MAR	2	6.0	3:	48		12 APR	2	2.0	1:	3	3:	4	6:	1			
15 MAR	2	1.0	3:	3		12 APR	2	6.0	1:	11	3:	3	6:	9			
15 MAR	2	6.0	3:	11					86:	2							
16 MAR	2	1.0	3:	2		13 APR	2	2.0	1:	4	8:	8					
16 MAR	2	6.0	3:	7		13 APR	2	4.0	1:	4	6:	3	86:	2			
17 MAR	2	6.0	3:	11		14 APR	2	6.0	1:	32	6:	1	86:	4			
18 MAR	2	6.0	3:	7		14 APR	6	3.0	1:	6							
20 MAR	2	3.0	3:	1		15 APR	2	2.5	3:	3	7:	6					
22 MAR	2	4.0	1:	3		15 APR	2	6.0	1:	39	3:	1	17:	1			
22 MAR	2	3.0							86:	2							
23 MAR	2	6.0	1:	18		17 APR	2	3.0	3:	1	6:	1	7:	3			
24 MAR	2	5.0	1:	15	17:	1	17 APR	2	4.0	1:	18	3:	3	6:	2		
25 MAR	2	2.0	1:	6					12:	1	86:	3					
26 MAR	2	5.0	1:	9	6:	2	12:	1	86:	3							
			17:	1					1:	8	3:	1	6:	3			
26 MAR	2	6.0	1:	4	3:	2	6:	6	19 APR	2	1.5	1:	1	6:	2		
26 MAR	2	6.0	1:	3	3:	1	8:	11	19 APR	2	6.0	1:	9	3:	1	7:	1
27 MAR	2	2.5	1:	2	6:	1	12:	1									
27 MAR	2	4.0	1:	23					17:	1	86:	7	133:	1			
28 MAR	2	5.0	1:	9					1:	9	3:	1	6:	3			
28 MAR	2	5.0	1:	9					12:	3	86:	3					
29 MAR	2	6.0	6:	2	12:	2			1:	5	6:	3					
29 MAR	2	5.0	1:	2	6:	1	11:	1	23 APR	2	2.0	3:	4	7:	3		
30 MAR	2	4.0	1:	1					23 APR	2	6.0	1:	9	3:	11	6:	2
31 MAR	2	2.5	1:	3	3:	2	6:	1									
			7:	6					7:	3	86:	6					
1 APR	2	1.0	1:	1					1:	10	3:	9					
1 APR	2	2.0	1:	1	3:	2			1:	7	3:	4	6:	4			
1 APR	2	1.5	1:	1	3:	6	6:	2	7:	1	86:	6					
2 APR	2	2.0	1:	2	3:	1			1:	1	3:	6					
3 APR	2	2.0	1:	2	3:	2			1:	2	3:	1	6:	2			
4 APR	2	2.5	1:	4	3:	2	6:	3	24 APR	2	3.0	1:	1	3:	6		
4 APR	2	4.0	12:	2					24 APR	3	1.0	1:	2	3:	1	6:	2
4 APR	2	4.0	1:	7					25 APR	2	6.0	1:	3	3:	17	6:	3
5 APR	2	2.0	8:	1	12:	1											
5 APR	2	2.0	1:	1	12:	1			7:	2							
6 APR	2	2.0	1:	4	3:	6			1:	6	3:	8					
6 APR	2	2.0	1:	3	3:	2	6:	3	1:	10	3:	4	6:	1			
7 APR	2	6.0	1:	8	3:	3	6:	6	7:	3	86:	2					
			86:	2					1:	2	3:	1	6:	2			
									28 APR	2	2.5	3:	1	6:	1	7:	8
									28 APR	2	6.0	1:	9	3:	3	6:	6
											86:	4					
									29 APR	2	6.0	1:	2	3:	6	6:	4
											7:	2	13:	1	86:	12	
									29 APR	2	5.0	1:	4	8:	5		
									30 APR	2	2.0	3:	2	6:	2	7:	2

APPENDIX TABLE 17 (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --								
1 MAY	2	3.0	11:	2		1 JUN	2	5.0	3:	3	6:	19	11:	3			
1 MAY	2	6.0	1:	12	3:	2	6:	6	3:	1	6:	10	11:	6			
			7:	2	13:	1	86:	6	24:	2							
			133:	1	144:	1											
3 MAY	2	2.5	7:	10		4 JUN	2	5.0	3:	2	6:	3	11:	10			
4 MAY	2	6.0	3:	4	6:	1	11:	1	4 JUN	3	5.0	8:	6	11:	2		
			86:	7					5 JUN	2	5.0	1:	1	3:	1	8:	1
5 MAY	2	2.0	1:	4	8:	1			5 JUN	2	2.0	6:	5	11:	4	13:	1
6 MAY	2	1.5	1:	1	3:	3	7:	4	6 JUN	2	7.0	6:	10	11:	13	13:	20
7 MAY	2	3.0	3:	10	8:	1	17:	1	7 JUN	3	14.0	11:	2	23:	2	24:	5
8 MAY	2	6.0	3:	11	12:	1	13:	1	7 JUN	2	5.0	6:	8	8:	2	11:	14
10 MAY	2	6.0	1:	1	3:	8	7:	3	8 JUN	3	14.0	8:	3	11:	1	23:	4
11 MAY	2	2.5	3:	6	7:	4						24:	10				
11 MAY	2	6.0	1:	4	2:	1	3:	14	8 JUN	2	5.0	1:	1	3:	6	6:	10
			7:	2	11:	2			9 JUN	3	6.0	24:	4				
13 MAY	2	3.0	3:	3	5:	1	7:	3	9 JUN	2	5.0	6:	5	11:	8		
			9:	5					11 JUN	2	5.0	6:	17	11:	5	13:	6
14 MAY	2	4.0	5:	2	8:	1	9:	3				67:	1				
			12:	2	13:	1			12 JUN	2	2.0	7:	6				
14 MAY	2	6.0	1:	2	11:	3			12 JUN	2	2.0	3:	1	8:	1	102:	1
15 MAY	2	4.0	3:	2	7:	8			12 JUN	2	4.0	3:	5	6:	8	11:	3
16 MAY	2	2.0	6:	1	7:	4			14 JUN	2	2.0	3:	5	6:	1		
16 MAY	2	5.0	1:	2	3:	1	8:	2	16 JUN	2	2.0	3:	3	7:	6	12:	1
17 MAY	2	3.0	12:	7					16 JUN	2	2.0	3:	3	7:	6	12:	1
19 MAY	2	2.5	3:	4	7:	6			17 JUN	2	5.0	6:	12	11:	7	12:	3
19 MAY	2	6.0	6:	16	11:	1	13:	3				24:	1				
			36:	2	67:	1			18 JUN	2	4.0	11:	2				
20 MAY	2	6.0	6:	17	11:	3			18 JUN	2	5.0	3:	4	6:	5	11:	1
22 MAY	2	3.0	3:	3								24:	1				
22 MAY	2	2.0	3:	3	6:	3	7:	3	20 JUN	2	1.5	3:	2	6:	3		
			11:	1					21 JUN	2	5.0	3:	9	6:	24	7:	1
23 MAY	2	5.0	3:	1	6:	11	11:	4				11:	2	24:	1		
			13:	1					22 JUN	3	3.0	3:	6	8:	4		
23 MAY	3	5.0	8:	11	13:	2			22 JUN	2	2.0	3:	3	6:	3		
24 MAY	2	4.0	3:	2	6:	11	11:	1	23 JUN	2	2.0	3:	1	6:	1	7:	8
			13:	1					23 JUN	2	5.0	3:	13	6:	15		
24 MAY	2	3.0	3:	2	8:	1	24:	1	24 JUN	2	5.0	3:	20	8:	25		
26 MAY	2	4.0	3:	4	6:	2	11:	3	24 JUN	2	2.0	3:	7	6:	5		
			24:	1					25 JUN	2	4.0	3:	50	8:	11		
26 MAY	2	2.5	11:	2	13:	1			26 JUN	2	2.0	3:	2	6:	2	9:	13
27 MAY	2	2.0	6:	5					26 JUN	2	2.0	3:	1	9:	15		
28 MAY	2	2.5	7:	4					27 JUN	2	5.0	3:	21	6:	4	11:	1
28 MAY	2	3.0	8:	1								12:	1	24:	11		
29 MAY	2	5.0	3:	1	6:	7	11:	7	27 JUN	2	5.0	3:	38	8:	10	24:	1
30 MAY	2	2.0	1:	1	6:	12	24:	1	28 JUN	2	5.0	3:	1	6:	4	24:	43
31 MAY	2	4.0	3:	1	6:	2	11:	3	29 JUN	2	5.0	3:	7	6:	6	11:	1
			13:	4	67:	1						24:	3				
									30 JUN	2	5.0	3:	3	6:	5	11:	9
									1 JUL	2	2.0	6:	2	7:	7	11:	1

APPENDIX TABLE 17. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --						
2 JUL	2	5.0	3:	4	8:	6	11:	2	8 AUG	2	5.0	7:	1	11:	11	12:	1
2 JUL	2	5.0	3:	1	6:	10	11:	11	9 AUG	2	5.0	3:	1	6:	1	11:	13
			13:	2								12:	1	24:	1	86:	1
3 JUL	2	2.0										133:	1				
3 JUL	2	2.0	3:	1	11:	2	24:	2	11 AUG	2	5.0	3:	3	11:	6	12:	1
4 JUL	2	5.0	3:	30	8:	11			13 AUG	2	4.0	3:	38				
4 JUL	2	2.5	3:	1	6:	3	7:	4	14 AUG	2	3.0	3:	7				
5 JUL	3	15.0	11:	2	22:	1	24:	5	16 AUG	2	5.0	3:	3	11:	4	12:	9
6 JUL	3	15.0	11:	2	24:	8	55:	1				40:	1				
6 JUL	2	2.0	3:	4	6:	6	13:	1	17 AUG	2	2.0	11:	1	13:	1		
7 JUL	3	3.5							17 AUG	2	5.0	3:	15	6:	2	7:	1
8 JUL	2	6.0	6:	3	13:	3						11:	6	12:	10	86:	1
9 JUL	2	5.0	3:	2	6:	9	11:	6	19 AUG	2	5.0	3:	12	6:	5	11:	5
10 JUL	2	2.0	3:	2	11:	4	86:	1				12:	9	24:	3		
10 JUL	2	1.5	1:	1	6:	3	7:	2	19 AUG	2	6.0	3:	12	9:	1	13:	1
11 JUL	2	5.0	3:	4	6:	1	11:	5	21 AUG	2	2.0	3:	5	6:	1	7:	1
			86:	1					22 AUG	2	5.0	11:	8	12:	5		
12 JUL	2	1.0	6:	1	11:	2			23 AUG	2	2.0	3:	1	12:	3		
13 JUL	2	5.0	3:	4	6:	7	11:	2	25 AUG	2	5.0	2:	1	7:	1	11:	6
			13:	1	24:	1						12:	1				
14 JUL	2	5.0	3:	2	11:	2			25 AUG	2	2.5	3:	2	17:	2		
17 JUL	2	5.0	1:	1	3:	3	11:	7	29 AUG	2	2.0	3:	1				
			24:	4	86:	5			6 SEP	3	12.0	22:	1	24:	3	55:	1
18 JUL	2	1.0	3:	3					7 SEP	3	16.0	22:	1	24:	2		
18 JUL	2	6.0	3:	6	5:	1	8:	1	8 SEP	3	6.0	22:	3	39:	1		
			12:	6					10 SEP	2	2.0	3:	4	6:	1		
19 JUL	2	5.0	3:	1	6:	1	11:	17	11 SEP	2	2.0	3:	6	6:	1	7:	3
			13:	2								11:	1				
19 JUL	2	5.0	3:	3	11:	4			14 SEP	2	3.0	3:	1	6:	3		
20 JUL	2	1.0	3:	10					18 SEP	2	2.0	6:	1				
21 JUL	2	5.0	3:	1	9:	14	11:	5	18 SEP	2	2.5	3:	8	6:	1		
			12:	1	86:	1			19 SEP	2	2.0	3:	10	6:	3		
24 JUL	2	5.0	3:	10	8:	2	11:	2	20 SEP	2	2.0	3:	3	8:	8		
26 JUL	2	2.0	1:	1	2:	1	7:	3	21 SEP	2	6.0	3:	8	8:	14		
28 JUL	2	6.0	3:	21	8:	3	11:	1	27 SEP	2	2.0	3:	10				
31 JUL	2	5.0	3:	1	6:	6	7:	1	1 OCT	2	2.0	3:	9				
			11:	9	12:	2			3 OCT	2	2.0	6:	2	11:	2	12:	4
31 JUL	2	5.0	3:	2	8:	5						13:	1				
1 AUG	2	5.0	3:	4	11:	3			4 OCT	2	2.0	12:	3				
3 AUG	3	14.0	22:	6					4 OCT	2	4.0	3:	14	6:	2		
4 AUG	3	6.0	22:	3	24:	1	38:	1	6 OCT	2	4.0	3:	2	11:	2	12:	1
5 AUG	2	5.0	3:	1	6:	6	11:	17				40:	1				
			12:	3	67:	1			7 OCT	2	5.0	6:	3	11:	2	12:	2
7 AUG	2	1.5	1:	1	3:	2	13:	1	8 OCT	2	5.0	6:	1	11:	2	12:	2
7 AUG	2	5.0	3:	7	6:	6	11:	10				13:	1				
			12:	1	24:	1			9 OCT	2	5.0	11:	10				
7 AUG	2	6.0	18:	4					11 OCT	2	2.0	3:	9				

APPENDIX TABLE 17. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---		
12 OCT	2	5.0	6:	1	11:	4					
12 OCT	2	4.0	3:	24	6:	2					
16 OCT	2	6.0	3:	121	5:	1	9:	4			
16 OCT	2	2.0	3:	2							
17 OCT	2	4.0	1:	1	3:	42	6:	4			
17 OCT	2	3.5	3:	4	11:	1					
18 OCT	6	7.0	24:	5							
19 OCT	2	2.0	3:	2							
19 OCT	2	5.0	3:	7	6:	5	13:	1			
20 OCT	2	2.0	3:	8	6:	5	54:	7			
22 OCT	6	7.0	24:	6							
23 OCT	2	2.0	1:	1	3:	3	6:	1			
24 OCT	2	2.0	3:	4							
26 OCT	2	5.0	3:	15	6:	11					
2 NOV	2	3.0	3:	1							
3 NOV	2	2.0	13:	1							
3 NOV	2	2.0	3:	1							
8 NOV	2	5.0	6:	2	12:	1					
13 NOV	2	2.0	3:	13	6:	10					
14 NOV	2	5.0	3:	69	5:	1	6:	2			
18 NOV	2	2.0	6:	10							
23 NOV	2	2.0	3:	3							
25 NOV	2	5.0	6:	1	15:	3	17:	9			
			18:	3	54:	10	133:	2			
25 NOV	2	3.0	1:	1	3:	3	6:	1			
			11:	1							
26 NOV	2	4.0	3:	8	6:	11					
29 NOV	2	2.0	1:	1	3:	2	6:	4			
29 NOV	2	5.0	3:	12	6:	15					
30 NOV	3	8.0	2:	1	11:	2	13:	4			
			23:	6							
30 NOV	2	5.0	6:	7	11:	2	13:	2			
			23:	2							
4 DEC	2	2.0	3:	22							
5 DEC	2	5.0	6:	6	11:	1	12:	2			
			13:	2							
8 DEC	2	2.0	3:	10							
11 DEC	2	5.0	6:	4	11:	1	12:	4			
			13:	1							
21 DEC	2	2.0	3:	3	6:	4					

APPENDIX TABLE 18. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM WEST FLORIDA

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			
1 JAN	2	2.0	8:	18			20 FEB	3	8.0+	50:	8	54:	1
1 JAN	2	6.0	15:	30	17:	24	18:	2	20 FEB	2	2.5	15:	21
			20:	2					21 FEB	2	5.0	15:	59
					17:	2						17:	20
2 JAN	2	1.0	15:	12	17:	2						54:	5
3 JAN	3	4.0	15:	40	17:	32	18:	6	21 FEB	2	4.0	133:	15
			20:	3								15:	20
7 JAN	2	6.0	17:	14					22 FEB	2	6.0	17:	3
10 JAN	2	2.0	15:	35	17:	1	54:	34	22 FEB	2	4.0	17:	3
			86:	4								18:	1
11 JAN	2	5.0	15:	74	17:	12	18:	2	22 FEB	2	6.0	15:	50
			20:	3	54:	44						17:	5
11 JAN	6	5.0	15:	18	17:	20	18:	2	22 FEB	2	6.0	76:	12
			20:	3					23 FEB	2	5.0	15:	15
14 JAN	2	5.0	15:	56	17:	6	20:	1	23 FEB	2	4.0	17:	23
			54:	1					24 FEB	2	4.0	15:	18
21 JAN	3	5.0	15:	35	17:	31	18:	2	24 FEB	2	4.0	17:	5
24 JAN	2	5.0	13:	6	17:	8	67:	1	24 FEB	2	6.5	15:	16
25 JAN	6	5.0	15:	30	17:	21	18:	3	25 FEB	2	5.0	17:	13
29 JAN	2	2.0	15:	2					25 FEB	2	5.0	15:	35
30 JAN	3	6.0	14:	1	17:	22	18:	4	25 FEB	2	6.5	18:	1
			20:	1	54:	1			25 FEB	2	5.0	15:	12
31 JAN	2	5.0	15:	22	17:	11	18:	3	26 FEB	2	5.0	17:	25
3 FEB	2	2.0							27 FEB	2	6.5	15:	31
4 FEB	2	5.0	4:	1	13:	1	15:	12	27 FEB	2	6.5	17:	3
			17:	3	54:	4			28 FEB	2	5.0	54:	29
5 FEB	2	4.5	15:	54	17:	5	76:	2	28 FEB	2	5.0	70:	1
14 FEB	2	1.0							28 FEB	2	2.5	13:	1
15 FEB	3	6.0	16:	3	17:	20	18:	10	28 FEB	2	5.0	15:	65
			20:	10	50:	5	54:	2	28 FEB	2	5.0	17:	1
16 FEB	2	3.0	15:	56	17:	3	30:	4	1 MAR	2	5.0	76:	8
			54:	9	76:	2	77:	1	1 MAR	2	2.0	15:	22
			133:	15					1 MAR	2	5.0	17:	1
16 FEB	3	10.0	16:	5	17:	25	18:	9	1 MAR	2	2.0	18:	6
			20:	3	50:	12	54:	4	1 MAR	2	2.0	76:	21
17 FEB	2	4.5	15:	40	17:	2			1 MAR	2	2.0	15:	9
17 FEB	3	10.0	14:	2	16:	4	17:	12	1 MAR	2	4.0	17:	8
			18:	4	20:	2	50:	6	2 MAR	2	5.0	18:	8
			54:	3					2 MAR	2	5.0	54:	34
18 FEB	3	10.0	14:	1	16:	2	17:	30	2 MAR	2	5.0	13:	3
			18:	9	20:	11	50:	12	2 MAR	2	5.0	15:	30
			54:	1					2 MAR	2	4.0	17:	4
19 FEB	2	2.0	15:	12	17:	3	18:	1	2 MAR	2	4.0	18:	3
19 FEB	3	12.0	14:	3	17:	40	18:	6	2 MAR	2	5.0	76:	18
			20:	20	50:	30			2 MAR	2	5.0	15:	48
									3 MAR	2	5.0	17:	5
19 FEB	2	5.0	15:	25	54:	9			3 MAR	2	5.0	18:	5
20 FEB	3	8.0	13:	6	14:	2	16:	2	3 MAR	2	4.0	54:	51
			17:	12	18:	5	20:	4	3 MAR	2	4.0	15:	18
									5 MAR	2	5.0	17:	2
									5 MAR	2	5.0	18:	2
									5 MAR	2	3.0	17:	3
									5 MAR	2	2.5	15:	11
									5 MAR	2	3.0	76:	51
									5 MAR	2	3.0	15:	19
									6 MAR	2	5.0	18:	1
									6 MAR	2	5.0	20:	1
									6 MAR	2	5.0	54:	20
									6 MAR	2	5.0	15:	24
									6 MAR	2	2.5	17:	14
									6 MAR	2	2.5	76:	33
									8 MAR	2	5.0	15:	18
									8 MAR	2	5.0	17:	25
									9 MAR	2	5.0	15:	24
									9 MAR	2	5.0	17:	11
												50:	1

APPENDIX TABLE 18-(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
9 MAR	2	5.0+	54:	33		17 APR	2	6.0	1:	1	2:	1
9 MAR	2	4.0	15:	22	17: 3 18: 2	18 APR	2	6.0	1:	19	3:	22 8: 1
			76:	19					13:	1		
9 MAR	2	5.0	15:	13	17: 39	19 APR	2	4.0	1:	20	3:	17 8: 5
10 MAR	2	5.0	15:	11	17: 21 18: 2	20 APR	2	6.0	1:	4	3:	12 17: 2
11 MAR	2	5.0	13:	62	67: 1	20 APR	3	5.0	17:	4	18:	6 20: 1
11 MAR	2	4.0	15:	20	17: 26 18: 3	23 APR	2	5.0	15:	3	17:	7 18: 1
			20:	3		24 APR	2	3.0	15:	4	17:	8 18: 4
12 MAR	2	6.5	15:	12	17: 3 18: 3	26 APR	3	4.0	16:	2	17:	1 18: 12
			76:	22		27 APR	3	6.0	15:	4	16:	1 17: 30
13 MAR	2	2.0	15:	8	54: 6				18:	12	20:	1 82: 2
14 MAR	2	5.0	15:	15	17: 38 18: 3	28 APR	2	6.0	15:	1	17:	10 18: 2
15 MAR	2	4.0	15:	6	17: 3 18: 2				70:	1		
			54:	12		30 APR	3	1.5	14:	4	17:	2 18: 17
15 MAR	2	7.0	15:	8	17: 11	1 MAY	2	3.0	17:	12	18:	2 19: 2
16 MAR	3	5.0	14:	2	16: 2 17: 52	1 MAY	3	3.0	2:	1	14:	3 17: 3
			18:	9					18:	6		
16 MAR	2	4.0	15:	3	17: 3 18: 5	4 MAY	2	5.0	17:	2		
			20:	1	54: 7	8 MAY	2	5.0	17:	4	18:	8
19 MAR	2	5.0	17:	6	18: 2	9 MAY	3	5.0	14:	16	16:	1 17: 3
20 MAR	2	6.0	17:	11	18: 1				18:	12		
22 MAR	2	5.0	17:	22	18: 2	11 MAY	2	5.0	17:	2		
23 MAR	2	5.0	17:	8		12 MAY	3	5.0	15:	2	17:	5 18: 1
24 MAR	2	6.0	15:	10	17: 7 18: 1				70:	1		
29 MAR	2	5.0	17:	24	18: 2	12 MAY	2	3.0	10:	2	95:	1
31 MAR	2	5.0	15:	11	16: 1 54: 8	14 MAY	2	2.0	10:	1	95:	3
			78:	2		15 MAY	2	5.0	17:	2	18:	1
1 APR	2	4.0	17:	7	18: 1	17 MAY	2	2.5	10:	1	95:	1
3 APR	3	4.5	14:	3	17: 6 18: 12	18 MAY	2	1.5	10:	2	95:	3
			20:	2		23 MAY	2	3.0	10:	1		
3 APR	2	5.0	17:	9	18: 3	24 MAY	2	2.5	10:	2		
6 APR	2	3.0	15:	8	17: 2 50: 1	25 MAY	2	8.0	15:	6	17:	3 18: 15
			54:	5		26 MAY	3	5.0	8:	1	24:	1
7 APR	2	5.0	17:	7	18: 5	27 MAY	2	2.0	10:	1		
8 APR	6	4.0	17:	18	18: 1	27 MAY	2	5.0	17:	11	18:	3
9 APR	3	5.5	13:	4	14: 3 16: 1	29 MAY	3	5.0	15:	3	17:	2 18: 2
			18:	15		31 MAY	2	3.0	10:	2		
10 APR	2	5.0	15:	5	17: 24 18: 1	1 JUN	3	5.0	14:	4	17:	3 18: 10
11 APR	2	3.0	17:	1		2 JUN	2	3.0	10:	1	95:	2
13 APR	3	6.0	16:	1	17: 12 18: 8	2 JUN	3	5.0	17:	15	18:	1
			20:	2		3 JUN	2	2.5	95:	1		
13 APR	2	3.0	17:	5		4 JUN	2	2.0	10:	2	95:	3
14 APR	3	2.0	15:	4	17: 10 18: 3	7 JUN	2	2.5	10:	1	95:	1
16 APR	2	2.0	17:	1	18: 4 20: 3	9 JUN	3	12.0	16:	1	17:	4 18: 12
16 APR	2	5.0	15:	1	17: 4 18: 1				20:	3		
			36:	1	54: 10	10 JUN	2	2.0	10:	1	95:	1
16 APR	2	6.0	1:	9	11: 1	14 JUN	2	3.0	17:	2		

APPENDIX TABLE 18. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				
15 JUN	2	6.0	17:	8		3 AUG	2	2.0+	76:	14			
15 JUN	2	2.5	10:	2		5 AUG	3	5.0	3:	5			
16 JUN	3	5.0	17:	8		5 AUG	2	2.5	17:	7 18:	4 20:	3	
17 JUN	3	5.0	13:	2 17:	5 18:	20			76:	6			
17 JUN	2	4.5	17:	11 18:	2 20:	4	6 AUG	3	11.0	14:	2 17:	20 18:	4
21 JUN	2	2.5	10:	1 29:	2				20:	1 142:	4		
22 JUN	3	2.0	17:	2		7 AUG	2	2.0	10:	1 36:	1		
24 JUN	3	3.0	14:	2 16:	1 17:	9	8 AUG	2	2.0	17:	8 20:	4 76:	7
			18:	14			9 AUG	2	1.5	15:	1 17:	4 18:	3
27 JUN	2	2.0	10:	1 95:	2				20:	2 76:	9		
28 JUN	2	1.5	10:	2		10 AUG	2	4.5	17:	14 18:	6 20:	4	
30 JUN	2	2.0	10:	3 29:	1				76:	10			
2 JUL	2	1.5	10:	1 95:	1	11 AUG	3	5.0	17:	8 18:	4 20:	3	
3 JUL	2	2.0	10:	1					76:	7			
3 JUL	2	3.0	15:	1 17:	8 18:	2	13 AUG	3	10.0	17:	20 18:	8	
			50:	1 54:	10		17 AUG	2	5.0	17:	2		
8 JUL	2	2.5	10:	2 95:	1		18 AUG	2	5.0	2:	1 17:	6	
9 JUL	2	2.0	10:	1		20 AUG	3	8.0	14:	2 16:	7 17:	12	
12 JUL	2	4.0	17:	12 54:	7				18:	4 24:	4 29:	1	
13 JUL	2	2.0	10:	1					49:	10 50:	15 80:	4	
13 JUL	3	6.0	18:	5					118:	8			
14 JUL	2	5.0	17:	3		21 AUG	3	9.0	14:	1 16:	10 17:	7	
14 JUL	3	3.5	15:	2 16:	1 17:	10			18:	12 24:	3 37:	1	
			18:	4 20:	7				49:	14 50:	16 80:	2	
15 JUL	2	1.5	10:	1 29:	2				118:	3			
16 JUL	3	4.5	15:	4 17:	2 18:	6	22 AUG	3	8.0	16:	4 17:	16 18:	7
			20:	4					24:	1 29:	1 49:	12	
18 JUL	2	4.0	15:	11 18:	12 20:	1			50:	21 80:	6 118:	10	
			50:	1 54:	16 133:	2	23 AUG	3	10.0	16:	8 17:	4 18:	6
19 JUL	3	8.0	14:	14 16:	2 17:	16			24:	5 49:	2 50:	7	
			18:	21 20:	2				118:	1			
20 JUL	2	5.0	15:	3 17:	9	24 AUG	3	7.0	13:	12 17:	12 18:	6	
20 JUL	2	4.0	15:	7 17:	3 18:	2	25 AUG	2	3.0	17:	4 18:	3 20:	2
			20:	1 54:	25 133:	2			76:	10			
21 JUL	2	1.5	29:	1 95:	1	1 SEP	3	5.0	17:	15 18:	8 54:	15	
25 JUL	3	4.0	13:	1 17:	6 18:	4	5 SEP	2	2.0	17:	4 18:	3 20:	2
			20:	12 54:	2 76:	10			76:	6			
27 JUL	3	6.0	15:	5 17:	9 76:	24	6 SEP	2	2.5	17:	7 18:	2 20:	1
27 JUL	2	3.0	10:	2 95:	1				76:	9			
29 JUL	2	2.0	17:	7 18:	2 20:	4	13 SEP	2	3.0	10:	1		
			76:	10			14 SEP	2	4.0	13:	6 16:	1 17:	8
30 JUL	2	5.0	15:	1 17:	12 18:	4			18:	2 76:	5		
			20:	10 76:	9		15 SEP	2	4.0	11:	1 17:	8	
31 JUL	2	4.0	10:	2 36:	3		21 SEP	2	4.5	17:	10 18:	4 20:	2
1 AUG	2	2.0	17:	3 18:	1 76:	4			76:	9			
2 AUG	2	2.0	17:	4 18:	2 76:	4	22 SEP	2	4.5	15:	2 16:	2 17:	12
3 AUG	2	2.0	17:	7 18:	4 20:	8			18:	7 20:	4 76:	9	

APPENDIX TABLE 18. (CONTINUED).

DATE	ZONE	HOURS				DATE	ZONE	HOURS			
		FISHED	-- CATCH PER SPECIES --					FISHED	-- CATCH PER SPECIES --		
24 SEP	3	10.0	13: 1	14: 3	17: 20	16 NOV	3	5.0+	76: 8		
			18: 8	20: 5		23 NOV	2	2.0			
25 SEP	3	10.0	17: 60	18: 12	20: 15	24 NOV	3	4.0	17: 75	18: 2	
26 SEP	3	11.0	17: 30	18: 5	20: 15	25 NOV	3	3.0	15: 3	17: 9	18: 1
28 SEP	2	5.0	15: 1	18: 5	54: 40	27 NOV	3	3.0	17: 25	18: 4	
			133: 2			29 NOV	3	4.0	17: 10	18: 20	54: 3
28 SEP	2	5.0	17: 12	18: 2		30 NOV	3	4.0	17: 10	18: 6	54: 6
28 SEP	2	4.0	3: 1	17: 14	18: 8	1 DEC	2	2.0	3: 3	6: 3	
			76: 12			10 DEC	2	2.0	6: 1	15: 14	17: 1
29 SEP	3	4.0	17: 2						54: 13	133: 1	136: 3
29 SEP	2	4.5	17: 18	18: 7	20: 4	18 DEC	2	5.0	15: 30	17: 5	18: 2
			76: 16						20: 1	36: 2	54: 34
3 OCT	3	5.0	15: 6	17: 24	18: 3				76: 4	86: 2	133: 3
4 OCT	3	5.0	14: 5	17: 20	18: 4	21 DEC	2	2.0	15: 4	17: 10	18: 1
			142: 4						50: 4	54: 10	86: 1
5 OCT	3	4.0	16: 2	17: 4	18: 14	22 DEC	2	5.0	15: 25	17: 10	18: 6
			20: 10	76: 12					20: 2	50: 1	54: 50
5 OCT	3	5.0	17: 26	18: 1					86: 1	133: 9	
5 OCT	2	4.0	15: 25	18: 13	50: 2	27 DEC	2	4.0	15: 55	17: 3	54: 3
			54: 35						86: 1	133: 6	
6 OCT	2	4.0	17: 17	18: 6	20: 10	28 DEC	2	5.0	15: 18	17: 2	54: 6
			76: 21						86: 1	98: 1	133: 7
11 OCT	3	4.0	14: 3	17: 10		29 DEC	2	5.0	15: 40	18: 1	20: 1
11 OCT	2	4.0							50: 1	54: 23	
13 OCT	2	2.0	15: 4	17: 12	18: 6	30 DEC	2	5.0	15: 130	17: 2	30: 7
			76: 7						54: 22	98: 1	133: 15
20 OCT	2	2.0	15: 2	17: 10	18: 3	31 DEC	2	3.0	6: 1	15: 27	17: 6
			76: 12						18: 4	54: 74	133: 1
20 OCT	2	2.0	50: 1								
8 NOV	6	10.0	13: 1	16: 6	18: 12						
			20: 4	26: 47	76: 21						
9 NOV	3	4.0	11: 1	15: 2	17: 22						
			76: 12	95: 1							
9 NOV	2	5.0	15: 8	17: 6	18: 2						
			20: 1	54: 4							
9 NOV	6	9.0	13: 1	16: 4	18: 11						
			20: 2	26: 40	76: 18						
			96: 1								
10 NOV	3	5.0	17: 80	18: 6							
10 NOV	6	7.0	16: 9	18: 16	20: 2						
			26: 17	76: 10							
10 NOV	2	5.0	17: 6	50: 2	54: 28						
			90: 1	133: 1							
16 NOV	2	5.0	15: 40	17: 1	18: 1						
			54: 35	133: 8							
16 NOV	3	5.0	17: 100	18: 8							
16 NOV	3	5.0	17: 4	18: 12	20: 1						

APPENDIX TABLE 19. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM NORTHWEST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
29 MAR	2	2.5	3: 12	6: 1		19 JUL	3	11.0+	23: 1	24: 2	55: 1
5 APR	1	7.5	3: 65	5: 2	6: 3	19 JUL	1	5.0	1: 1	6: 17	
6 APR	1	2.0	3: 42			20 JUL	3	8.0			
10 APR	1	7.0	3: 70	5: 3	6: 4	20 JUL	1	6.0			
11 APR	1	7.0	3: 62	5: 4	6: 1	21 JUL	5	6.0	6: 12		
24 APR	1	3.5	3: 40			22 JUL	2	2.0	1: 1	6: 2	24: 5
25 APR	1	3.5	3: 20			23 JUL	2	3.0	1: 8	8: 5	
28 APR	1	3.5	3: 42	5: 1	7: 4	23 JUL	2	2.0	1: 2	6: 4	7: 2
			68: 12			25 JUL	1	6.0	1: 1	6: 18	11: 1
4 MAY	3	6.0	1: 1	6: 1	13: 31	25 JUL	3	2.0	1: 1	6: 2	20: 1
			14: 3	17: 1	68: 8	26 JUL	2	3.5	1: 7	8: 3	
5 MAY	2	3.5	1: 1	13: 28	17: 8	28 JUL	1	3.0	6: 8	24: 1	
8 MAY	3	0.5	3: 1	5: 1	7: 11	29 JUL	2	2.0	1: 1	6: 4	7: 8
			68: 11						20: 1		
10 MAY	1	0.5	7: 8			29 JUL	1	3.0	1: 1	6: 2	13: 6
15 MAY	1	5.0	3: 20	5: 8	6: 3				17: 1		
			8: 6	9: 9		31 JUL	2	3.5	1: 12	3: 2	8: 4
17 MAY	1	7.0	3: 25	5: 17	6: 3	31 JUL	1	3.0	1: 1	17: 1	20: 5
			7: 15	8: 4	9: 8				24: 6		
			11: 1			1 AUG	3	2.0	1: 2	14: 1	24: 4
20 MAY	1	3.0	3: 14	6: 3	7: 28	2 AUG	3	3.0	1: 3	6: 4	13: 10
22 MAY	1	3.0	3: 92	5: 6	7: 56				24: 1		
31 MAY	3	6.0	3: 6	6: 3	7: 32	3 AUG	3	3.0	1: 4	6: 10	13: 8
			13: 19						24: 6		
1 JUN	1	3.0	3: 16	7: 44		6 AUG	3	12.0	6: 1	22: 2	23: 2
6 JUN	2	5.5	7: 50	8: 15	13: 12				24: 4	55: 2	
6 JUN	1	3.0	3: 6	7: 31	8: 4	7 AUG	2	3.5	1: 8	8: 4	
7 JUN	2	2.5	8: 8	13: 11		7 AUG	3	8.0	22: 1		
13 JUN	2	3.5	7: 50	8: 5		8 AUG	2	3.0	1: 5	8: 5	
17 JUN	1	3.0	3: 4	5: 3	7: 42	9 AUG	3	12.0	22: 1	24: 2	
			9: 6			9 AUG	3	1.5	1: 2	8: 2	
20 JUN	1	2.5	1: 2	13: 26		10 AUG	3	12.0	11: 2	22: 1	24: 1
24 JUN	1	3.0	3: 4	6: 2	7: 42	11 AUG	4	4.0	1: 1	6: 13	7: 2
			12: 1	24: 2					20: 2		
1 JUL	1	2.5	6: 13			11 AUG	1	3.0	1: 2	8: 1	
2 JUL	1	3.0	3: 3	6: 16	7: 8	12 AUG	1	3.0	1: 2	8: 1	
9 JUL	1	2.5	1: 8	6: 2		13 AUG	3	2.0	1: 1		
9 JUL	2	2.0	1: 2	6: 6		17 AUG	1	4.0	1: 9	8: 2	
10 JUL	1	4.0	6: 9	11: 1		20 AUG	3	2.0	1: 5	6: 4	24: 2
11 JUL	1	4.0	2: 2	6: 14		20 AUG	3	4.5	1: 18	6: 3	
12 JUL	3	12.0	6: 1	22: 2	24: 5	21 AUG	3	2.0	1: 1	6: 4	
12 JUL	1	4.0	6: 12	11: 3	13: 1	22 AUG	3	6.5	1: 20	8: 5	
13 JUL	3	7.0	11: 1	23: 1	24: 2	22 AUG	3	2.0	1: 4	6: 6	
15 JUL	3	3.0	24: 40			23 AUG	3	2.0	1: 1	6: 4	
16 JUL	1	2.5	1: 1	6: 14	24: 1	24 AUG	3	3.0			
18 JUL	2	1.0	6: 2			25 AUG	3	2.0	6: 11	24: 14	
19 JUL	3	11.0	6: 4	7: 8	8: 1	8 SEP	3	10.0	24: 1	38: 1	

APPENDIX TABLE 19.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
9 SEP	3	10.0	68:	1							
10 SEP	3	4.0									
24 SEP	2	2.5	1:	2	6:	6	7:	2			
			13:	2	24:	1					
28 SEP	2	8.0	1:	5	17:	1					
29 SEP	3	8.0	1:	11	14:	1	17:	12			
			20:	6							
30 SEP	2	1.5	1:	1							
18 OCT	2	1.5	1:	1	6:	6					

APPENDIX TABLE 20. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM NORTHWEST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
2 MAR	3	9.0	1: 1	6: 2	13: 8	20 APR	3	5.0	13: 12	14: 4	16: 1		
			14: 34	16: 6	17: 12				17: 9	20: 35			
			18: 2	20: 6		20 APR	3	4.5	8: 5	14: 8	16: 1		
3 MAR	3	2.0	14: 2	16: 1	17: 4				17: 2	20: 18	62: 30		
			18: 1	20: 8		20 APR	2	6.5	13: 12	17: 6	50: 24		
8 MAR	3	4.0	13: 6	14: 15	16: 1	21 APR	2	7.0	13: 13	15: 2	16: 1		
			17: 12	18: 1	20: 6				17: 4	20: 10	50: 28		
9 MAR	3	8.0	6: 2	13: 5	14: 45				62: 16				
			16: 7	17: 15	18: 2	21 APR	3	9.0	6: 3	8: 1	13: 4		
			20: 12						14: 28	16: 6	17: 11		
10 MAR	3	1.5	13: 2	14: 6	17: 6				18: 2	20: 15	23: 1		
			20: 10			22 APR	3	2.5	14: 4	16: 1	17: 5		
24 MAR	3	8.0	6: 1	13: 15	16: 3	23 APR	3	3.0	14: 2	20: 8	50: 30		
			17: 12	18: 1	20: 25	23 APR	2	7.0	13: 4	17: 3	18: 1		
25 MAR	3	3.0	17: 6	18: 1	20: 6				20: 12	50: 32			
30 MAR	3	3.5	13: 5	14: 3	17: 15	23 APR	3	10.0	6: 2	13: 3	14: 10		
			20: 6						16: 2	17: 14	18: 1		
31 MAR	3	2.5	7: 2	13: 4	14: 6				20: 12	23: 1			
			17: 4	20: 12		24 APR	3	2.5	6: 1	13: 2	14: 1		
2 APR	3	5.0	7: 4	13: 6	17: 8				17: 3	20: 8			
			20: 5			25 APR	3	6.5	8: 2	13: 5	17: 1		
3 APR	3	2.5	20: 25						20: 25				
3 APR	3	10.0	13: 20	14: 25	16: 2	25 APR	3	8.5	6: 3	13: 8	14: 45		
			17: 15	18: 2	20: 6				16: 8	17: 17	18: 2		
4 APR	3	2.0	14: 2	17: 6					20: 12	23: 1			
4 APR	3	3.0	8: 7	14: 2	20: 15	26 APR	3	3.0	14: 8	16: 1	17: 4		
			50: 10						18: 1	20: 2			
6 APR	3	4.0	13: 13	14: 8	17: 1	26 APR	3	3.0	20: 45	62: 2			
			50: 15			27 APR	3	7.5	13: 40	14: 2	20: 10		
6 APR	3	3.0	13: 6	14: 8	17: 9				50: 9	62: 5			
			20: 12			27 APR	2	6.0	13: 13	17: 4	20: 11		
7 APR	3	5.0	7: 1	13: 15	15: 3				50: 23				
			16: 2	17: 7	20: 12	27 APR	3	6.0	6: 2	13: 4	14: 3		
			50: 15						17: 11	18: 1	20: 17		
7 APR	3	3.5	7: 2	17: 13	20: 6	28 APR	3	8.0	6: 3	13: 2	14: 27		
11 APR	3	5.0	14: 7	17: 28					16: 8	17: 14	18: 2		
12 APR	2	3.5							20: 8	23: 1			
13 APR	3	4.0	17: 5	18: 16	20: 25	29 APR	3	3.0	13: 8	14: 2	20: 18		
			62: 18						50: 6	62: 4			
14 APR	3	5.0	13: 4	14: 6	16: 1	29 APR	3	2.0	14: 10	16: 1	17: 4		
			17: 9	20: 15					20: 2				
15 APR	3	3.0	8: 2	20: 12	62: 10	2 MAY	3	5.0	17: 2	20: 15	50: 30		
16 APR	3	2.5	8: 3	20: 18	62: 8				62: 22				
18 APR	2	3.0	8: 1	20: 8		3 MAY	3	5.0	6: 1	13: 20	17: 1		
18 APR	3	4.0	14: 5	17: 6	20: 10				20: 44				
19 APR	3	4.5	13: 8	14: 6	16: 2	4 MAY	3	4.5	13: 3	16: 1	17: 6		
			17: 17	20: 8					18: 1	20: 8			

APPENDIX TABLE 20. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				
5 MAY	3	4.5	8: 5	13: 15	17: 2		18 MAY	3	6.0	7: 1	8: 1	13: 38			
			50: 50	62: 18						15: 1	20: 3	42: 1			
6 MAY	3	6.0	6: 4	13: 6	14: 9					50: 7					
			16: 10	17: 12	18: 2		19 MAY	3	6.0	14: 1	17: 6	50: 36			
			20: 15				19 MAY	3	0.5	8: 2	20: 2				
6 MAY	3	2.5	8: 2	13: 3	14: 2		19 MAY	3	4.0	3: 6	6: 1	7: 10			
			50: 8	62: 13						13: 4	16: 1	17: 1			
7 MAY	3	6.0	14: 5	16: 1	17: 9					20: 9					
			20: 12				20 MAY	3	10.0	6: 4	13: 14	14: 5			
7 MAY	2	3.0	1: 4	8: 3						16: 4	17: 12	18: 2			
8 MAY	3	6.0	13: 6	17: 8	20: 13					20: 8	24: 6				
			50: 14				21 MAY	3	2.0	14: 6	16: 1	17: 2			
9 MAY	3	9.0	6: 2	13: 10	14: 20					18: 1					
			16: 4	17: 12	18: 1		22 MAY	3	2.5	8: 3	20: 18				
			20: 18	23: 1			23 MAY	3	5.0	6: 1	7: 7	8: 2			
9 MAY	2	3.5	1: 5	8: 7						13: 12	14: 1	17: 1			
10 MAY	3	6.0	11: 1	13: 21	17: 8					20: 5					
			20: 12	50: 23			23 MAY	3	5.0	8: 2	13: 13	14: 14			
10 MAY	3	2.0	14: 4	16: 1	17: 3					17: 2	50: 18				
			20: 8				24 MAY	3	6.0	13: 22	16: 2	17: 3			
11 MAY	3	9.5	13: 14	17: 6	20: 9					20: 6	50: 14				
			50: 16				24 MAY	3	6.0	6: 1	13: 4	14: 15			
11 MAY	3	10.0	6: 2	13: 11	14: 8					16: 1	17: 14	20: 10			
			15: 6	16: 1	17: 14		24 MAY	3	4.0	8: 2	14: 1	16: 1			
			20: 20							17: 1	18: 2	20: 6			
12 MAY	3	2.0	13: 3	14: 6	17: 2					50: 130	62: 125				
			20: 10				25 MAY	3	8.0	13: 61	14: 1	16: 3			
12 MAY	3	6.5	13: 20	14: 1	17: 9					17: 6	20: 8	50: 39			
			20: 14	50: 7						54: 1					
12 MAY	3	2.0	8: 2	14: 8	16: 1		25 MAY	3	2.5	8: 5	16: 1	20: 10			
			20: 21	62: 12						50: 30	54: 2	62: 20			
13 MAY	3	2.5	8: 4	14: 2	20: 18		25 MAY	3	3.5	13: 9	17: 1				
			62: 3				26 MAY	3	3.5	6: 1	7: 4	13: 8			
14 MAY	3	6.0	6: 1	13: 6	14: 4					20: 12					
			16: 8	17: 6	18: 2		26 MAY	3	2.0	8: 3	13: 2	17: 1			
			20: 12							20: 4					
15 MAY	3	2.0	13: 12				26 MAY	3	6.0	7: 14	13: 38	24: 1			
15 MAY	3	10.0	6: 1	13: 5	14: 20		27 MAY	3	5.0	6: 1	7: 12	13: 63			
			16: 8	17: 6	18: 1		28 MAY	3	4.0	13: 24	50: 135				
			20: 7	24: 3			28 MAY	3	6.0	13: 13					
15 MAY	2	3.5	1: 2	3: 1	8: 4		30 MAY	3	1.5	6: 2	13: 12	17: 1			
16 MAY	2	2.0	1: 2	8: 10						20: 2					
17 MAY	3	5.0	8: 4	14: 5	20: 26		31 MAY	3	4.0	8: 2	13: 25	17: 1			
			50: 35	62: 15						50: 75					
18 MAY	3	4.0	6: 3	7: 15	8: 2		31 MAY	3	5.0	14: 8	20: 10				
			13: 6	16: 1	17: 2		1 JUN	2	6.0	13: 69					
			20: 11				1 JUN	3	5.0	8: 3	14: 12	17: 6			

APPENDIX TABLE 20. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --								
1 JUN	3	5.0+	20:	6			18 JUN	3	4.5	6:	1	7:	2	13:	14			
2 JUN	3	6.0	7:	21	13:	83				17:	1							
2 JUN	3	1.0	6:	1	7:	14	13:	6	19 JUN	3	6.0	6:	1	12:	1	13:	15	
			14:	28	17:	14	20:	5				14:	1	16:	1	17:	20	
3 JUN	3	5.0	6:	1	13:	98						20:	12					
3 JUN	3	8.0	6:	4	8:	1	13:	13	20 JUN	3	3.0	7:	14	8:	2	13:	2	
			14:	3	16:	1	17:	9				14:	1	20:	10	50:	15	
			20:	25					21 JUN	3	4.0	6:	2	13:	3	14:	1	
3 JUN	3	5.0	8:	6	12:	1	13:	12				16:	2	17:	4	18:	2	
			14:	5	16:	2	17:	1				20:	16					
			20:	4	50:	25			22 JUN	3	6.0	13:	8	14:	14	17:	4	
4 JUN	3	3.0	11:	2	13:	14						18:	1	20:	15	24:	1	
4 JUN	3	2.0	8:	2	14:	1	16:	1	22 JUN	3	8.0	11:	1	13:	16	14:	6	
			50:	30								17:	4	50:	33			
4 JUN	3	2.0	13:	1	14:	5	16:	1	23 JUN	3	5.0	6:	4	13:	4	14:	9	
			17:	2								17:	2	18:	2	20:	10	
6 JUN	3	3.0	6:	2	13:	30	14:	1				22:	1	23:	1			
			17:	1	20:	1			24 JUN	3	7.5	8:	4	13:	25	14:	6	
7 JUN	3	6.0	13:	66	17:	4	20:	8				16:	2	17:	1	20:	22	
			50:	32								50:	51					
7 JUN	3	3.0	8:	2	13:	5	16:	1	24 JUN	3	4.0	6:	1	14:	1	17:	9	
			50:	27								20:	4					
7 JUN	3	5.0	14:	2	16:	1	17:	5	25 JUN	3	6.0	8:	1	14:	1	17:	3	
			20:	8								20:	16	50:	118	62:	23	
8 JUN	3	6.0	17:	8	20:	18	50:	14	25 JUN	3	5.0	6:	5	13:	8	14:	7	
8 JUN	3	2.5	50:	18								16:	2	17:	8	18:	1	
8 JUN	3	3.0	13:	25	17:	9						20:	4	22:	2			
9 JUN	3	6.0	6:	2	13:	2	14:	21	26 JUN	3	1.5	13:	2	16:	1	22:	1	
			16:	2	17:	6	18:	1	26 JUN	3	2.5	14:	4	16:	2	20:	7	
			20:	5								50:	42					
10 JUN	3	5.0	13:	10	14:	2	17:	3	27 JUN	3	3.5	1:	1	6:	2	11:	2	
			20:	9	50:	22						17:	1					
11 JUN	3	2.0	13:	14					27 JUN	3	4.0	13:	14	14:	3	16:	2	
13 JUN	4	3.0	3:	1	6:	1	7:	8				17:	3	20:	12	50:	36	
			8:	1								62:	18					
13 JUN	3	2.0	13:	8					28 JUN	3	6.0	13:	6	16:	2	17:	2	
14 JUN	3	6.0	13:	22								50:	47	62:	10			
14 JUN	3	5.0	6:	1	13:	6	14:	34	28 JUN	3	6.0	6:	4	8:	1	13:	6	
			16:	1	17:	10	20:	6				14:	5	17:	12	20:	20	
16 JUN	3	6.0	6:	2	13:	23	16:	1				24:	1					
			17:	3	20:	8	24:	1	29 JUN	3	6.0	13:	16	14:	1	17:	3	
			50:	26								20:	20	50:	86	62:	14	
17 JUN	2	4.0	1:	1	6:	4	7:	8	29 JUN	3	6.0	1:	1	13:	1	14:	10	
			8:	1	11:	1	13:	11				17:	9	20:	15	22:	1	
			16:	1	17:	1	24:	25				24:	20					
18 JUN	3	6.0	6:	1	13:	13	16:	1	30 JUN	3	3.0	6:	1	7:	3	14:	2	
			17:	6	20:	17	50:	35				16:	1	17:	3	20:	10	

APPENDIX TABLE 20. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---							
30 JUN	3	5.0	6:	1	11:	3	13:	8	15 JUL	3	6.0+	17:	3	20:	13	50:	38
			17:	1	24:	4	50:	17	15 JUL	3	5.0	6:	4	8:	1	13:	2
			62:	3								14:	8	16:	2	17:	4
1 JUL	3	3.5	14:	1	17:	1	20:	4				20:	20	24:	6		
2 JUL	3	6.0	13:	11	17:	8	50:	14	15 JUL	3	3.0	20:	2	50:	1		
			62:	2					16 JUL	3	2.5	8:	2	13:	2	14:	1
2 JUL	3	5.0	8:	4	13:	2	17:	1				16:	2	17:	1	50:	32
			20:	24	50:	44			17 JUL	3	5.5	1:	1	6:	6	14:	11
2 JUL	3	4.0	1:	1	6:	6	16:	1				17:	6	20:	25		
			17:	1	20:	12			19 JUL	3	2.0	14:	2	17:	1		
3 JUL	3	8.0	6:	4	11:	1	17:	4	21 JUL	3	4.5	8:	3	14:	4	20:	27
			20:	15	50:	38	62:	11				50:	19	62:	17		
3 JUL	3	2.5	8:	2	14:	4	20:	12	21 JUL	3	5.0	1:	1	6:	3	14:	10
			50:	11								16:	1	17:	6	20:	25
3 JUL	3	6.0	1:	1	6:	2	11:	1				22:	1				
			13:	2	14:	8	17:	2	22 JUL	3	6.0	1:	1	2:	1	6:	2
			20:	20	22:	1						13:	3	17:	6	20:	3
4 JUL	3	6.0	6:	2	13:	13	20:	22				50:	32	54:	1		
			50:	38	62:	4			23 JUL	3	6.0	6:	1	13:	4	17:	11
4 JUL	3	5.0	6:	3	13:	5	14:	6				18:	1	20:	16	50:	12
			17:	7	20:	12			24 JUL	3	3.0	1:	1	6:	3	13:	2
5 JUL	3	6.0	3:	1	6:	2	13:	10				14:	3	17:	1	20:	8
			17:	4	20:	9	50:	3	24 JUL	3	6.0	6:	3	13:	6	17:	14
5 JUL	3	3.0	8:	1	14:	2	20:	8				20:	18	50:	21		
			22:	1	50:	1	62:	15	26 JUL	3	2.0	1:	1	6:	4	17:	10
5 JUL	3	7.0	6:	5	13:	6	14:	5				20:	15	24:	1		
			17:	11	20:	26			26 JUL	3	6.0	6:	3	17:	8	20:	15
6 JUL	3	6.0	6:	3	11:	1	13:	21				50:	68				
			17:	2	20:	4	50:	1	27 JUL	3	6.5	6:	3	13:	8	14:	4
7 JUL	3	9.0	6:	8	13:	12	14:	2				16:	1	17:	6	18:	1
			16:	1	17:	14	20:	16				20:	9	22:	1	24:	1
8 JUL	6	5.0	3:	1	7:	15	8:	4	27 JUL	3	6.0	2:	1	6:	7	17:	3
			12:	1	13:	1	16:	5				20:	4				
			20:	5	24:	24	50:	12	30 JUL	3	4.0	6:	2	7:	20	13:	3
			62:	51								14:	1	17:	1	20:	10
8 JUL	3	2.5	6:	1	13:	4	17:	1				24:	6				
			20:	9					30 JUL	3	6.0	2:	1	6:	1	7:	2
10 JUL	3	4.5	7:	2	13:	6	14:	10				13:	8	16:	2	17:	4
			18:	1	20:	4	50:	50				20:	6	54:	2		
			54:	2	62:	30			1 AUG	3	4.5	1:	1	14:	5	17:	1
11 JUL	2	7.0	1:	2	6:	1	15:	1				20:	25				
			17:	2	20:	4			1 AUG	3	4.0	6:	4	7:	1	13:	6
12 JUL	3	3.0	3:	1	7:	12	20:	10				16:	1	17:	4	20:	4
			62:	8								54:	1				
13 JUL	3	8.0	8:	1	17:	1	20:	16	2 AUG	3	3.0	14:	1	17:	7	20:	15
			50:	31	54:	1						54:	2				
15 JUL	3	6.0	1:	1	6:	3	13:	11	3 AUG	3	3.5	6:	4	13:	2	15:	1

APPENDIX TABLE 20. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---	DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---
3 AUG	3	3.5+	17: 1 20: 10	19 AUG	3	3.0	2: 1 8: 1 13: 2
3 AUG	3	3.0	14: 2 15: 1 16: 1 17: 7 20: 12 54: 3				14: 1 20: 18 50: 11 62: 7
4 AUG	3	9.0	1: 2 6: 13 13: 16 17: 10 20: 16	19 AUG	3	5.5	1: 1 5: 1 6: 4 13: 8 14: 2 17: 3 18: 1 20: 15
5 AUG	3	4.0	6: 1 13: 2 14: 1 17: 3 20: 12	20 AUG	3	8.0	6: 2 13: 13 14: 12 17: 7 20: 9 23: 1 24: 21
5 AUG	3	8.0	1: 1 6: 28 7: 4 13: 16 14: 1 17: 6 20: 11	21 AUG	3	2.0	5: 1 11: 1 13: 2
6 AUG	3	8.0	6: 6 8: 2 13: 13 17: 5 20: 12 50: 21	21 AUG	3	4.5	6: 2 13: 4 16: 3 20: 40 50: 62 62: 75
7 AUG	3	6.0	6: 4 13: 11 17: 6 20: 14 50: 23	23 AUG	3	4.5	8: 1 13: 3 14: 4 50: 51 62: 78
8 AUG	3	2.5	20: 15 50: 2 62: 13	23 AUG	3	6.0	6: 2 13: 3 14: 5 16: 1 17: 10 18: 1 20: 4 24: 1
8 AUG	3	8.0	6: 2 7: 1 17: 19 20: 31 50: 53	24 AUG	3	9.0	2: 1 6: 4 13: 14 17: 6 20: 18
9 AUG	3	4.0	18: 6 20: 22 50: 4 62: 15	28 AUG	3	4.0	6: 6 13: 15 17: 1
9 AUG	3	10.0	7: 3 13: 26 15: 1 17: 17 20: 31 50: 18 54: 2 62: 132	5 SEP	3	6.0	6: 4 14: 3 17: 8 18: 1 20: 2
10 AUG	3	9.0	1: 1 6: 3 13: 6 17: 4 20: 28 50: 19 54: 1 62: 132	5 SEP	3	3.5	14: 14 17: 30 18: 1 20: 4
12 AUG	3	8.0	6: 5 13: 16 14: 6 16: 2 17: 14 18: 2 20: 10 22: 1 24: 3	6 SEP	3	6.0	6: 6 13: 6 14: 2 17: 11 18: 2 20: 1
13 AUG	3	2.0	6: 1 13: 4 17: 3 20: 2	6 SEP	3	5.0	17: 24
13 AUG	3	3.0	13: 4 17: 1	7 SEP	3	5.5	14: 3 17: 18
13 AUG	3	2.5	14: 4 20: 30 50: 21 62: 40	7 SEP	3	5.5	14: 21 17: 51 18: 3 20: 34 50: 15 62: 9
14 AUG	3	4.0	6: 2 17: 2 20: 4 24: 6 62: 74	7 SEP	3	6.0	6: 2 14: 7 17: 21 18: 2 20: 2
16 AUG	3	6.0	1: 1 2: 2 6: 6 7: 4 13: 18 14: 1 17: 3 20: 16 24: 14 62: 42	9 SEP	3	5.5	2: 1 8: 2 14: 41 16: 1 17: 38 18: 1 20: 20 50: 10 62: 8
17 AUG	3	6.0	2: 1 6: 4 7: 2 13: 16 17: 2 20: 32 24: 13 62: 48	11 SEP	3	5.0	6: 1 13: 1 14: 12 17: 27 20: 2
17 AUG	3	5.5	1: 1 6: 2 7: 20 14: 1 17: 2 20: 15	11 SEP	3	3.0	8: 1 14: 18 17: 21 20: 24 50: 12 62: 4
19 AUG	3	6.0	2: 1 6: 4 7: 2 13: 12 17: 5 20: 11 24: 4 54: 1	12 SEP	3	5.5	6: 2 13: 2 14: 10 16: 1 17: 24 18: 4 20: 3
				12 SEP	3	3.0	14: 12 17: 18 20: 26 50: 8 62: 6
				13 SEP	3	3.5	14: 17 17: 11 20: 21 50: 3 62: 2
				13 SEP	3	7.0	14: 25 16: 1 17: 35

APPENDIX TABLE 20. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					
13 SEP	3	7.0+	18:	2			28 SEP	3	8.0+	16:	1	17:	41	18:	6
15 SEP	3	8.0	6:	1	7:	1	14:	6		20:	16				
			17:	19	20:	2			30 SEP	2	1.0	13:	14	20:	2
16 SEP	3	2.0	1:	1	2:	1	14:	4	1 OCT	3	4.0	1:	1	6:	2
			16:	1	17:	1	20:	2				9:	2	13:	6
17 SEP	3	5.0	2:	1	14:	32	16:	2				16:	1	17:	7
			17:	41	18:	2	20:	23				24:	1		
18 SEP	3	3.0	14:	17	17:	22	18:	1	2 OCT	3	5.0	13:	10	14:	1
			20:	14								17:	25	18:	2
19 SEP	3	4.0	2:	2	14:	11	16:	1	3 OCT	3	5.0	14:	6	17:	24
			17:	18	18:	1	20:	38	3 OCT	6	4.5	1:	3	8:	1
			50:	4	62:	6						17:	20	18:	1
20 SEP	3	2.0	8:	2	14:	1	17:	2	4 OCT	3	6.0	6:	1	7:	2
			20:	14	54:	1						20:	14		
21 SEP	3	6.0	1:	2	6:	3	7:	1	4 OCT	3	3.0	14:	7	17:	31
			13:	4	14:	3	17:	6				20:	5		
			20:	11	54:	2			5 OCT	3	5.0	6:	2	7:	4
21 SEP	3	3.5	6:	3	13:	1	20:	9				17:	12		
22 SEP	3	2.5	14:	16	16:	1	17:	14	5 OCT	3	4.5	1:	1	5:	2
			18:	3	20:	12	50:	3				7:	16	13:	8
			62:	4								17:	15	18:	1
22 SEP	3	5.0	1:	1	6:	2	7:	8	6 OCT	3	3.0	1:	2	14:	6
			14:	4	17:	16	18:	1				18:	1	20:	10
23 SEP	3	4.0	6:	1	14:	10	17:	21	6 OCT	3	6.0	2:	1	4:	1
			20:	9								14:	6	16:	1
24 SEP	3	3.0	14:	8	17:	19	18:	1				20:	6	42:	1
			20:	7	50:	2	62:	1	7 OCT	3	2.5	14:	1	17:	3
25 SEP	3	2.0	6:	1	13:	1	14:	10	7 OCT	3	3.0	14:	35	17:	4
			17:	8	20:	14	62:	7	7 OCT	3	3.0	1:	1	6:	2
25 SEP	3	6.0	1:	2	5:	2	9:	2				24:	1	20:	6
			13:	8	14:	1	17:	5	8 OCT	3	4.0	14:	5	17:	31
			20:	12	24:	6						20:	4	24:	1
25 SEP	3	5.0	14:	24	16:	2	17:	21	8 OCT	3	2.5	14:	28	16:	2
			18:	4	20:	28	50:	8				20:	21	17:	9
			62:	9					9 OCT	3	7.0	22:	1	23:	2
26 SEP	3	6.0	14:	12	16:	1	17:	25	10 OCT	3	6.0	1:	8	6:	1
			18:	2	20:	31	50:	18				14:	2	17:	14
			62:	6								24:	1	42:	1
27 SEP	3	2.0	14:	1	17:	1	20:	10	10 OCT	3	7.5				
			62:	7					11 OCT	3	2.5	14:	1	17:	3
27 SEP	3	4.5	14:	16	17:	21	18:	1	11 OCT	3	4.0	1:	1	10:	2
			20:	40	50:	12	62:	11				14:	22	17:	17
27 SEP	3	2.0	6:	1	14:	2	17:	34				20:	4	23:	1
			18:	2	20:	8			12 OCT	3	9.0	1:	3	6:	2
28 SEP	3	2.5	14:	23	17:	16	20:	18				16:	2	17:	11
			50:	2	62:	4						42:	1	20:	12
28 SEP	3	8.0	1:	2	6:	6	14:	14	12 OCT	3	3.0	14:	25	18:	14
												20:	9		

APPENDIX TABLE 20 (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			
13 OCT	3	4.0	1: 6	13: 1	14: 2	7 NOV	3	4.0+	70: 2				
			16: 1	17: 12	20: 4	8 NOV	3	5.0	6: 2	13: 4	14: 15		
13 OCT	3	2.0	1: 1	6: 2	13: 2				16: 1	17: 23	18: 6		
			14: 4	17: 41					20: 10				
14 OCT	3	5.0	13: 20	14: 15	16: 2	8 NOV	3	4.0	2: 1	14: 17	17: 12		
			17: 8	18: 1	20: 13				70: 2				
14 OCT	3	6.0	1: 1	7: 1	13: 2	9 NOV	3	7.0	13: 11	14: 4	16: 6		
			14: 6	16: 1	17: 15				17: 12	18: 5	20: 3		
			18: 1	20: 1	54: 2	9 NOV	3	5.0	14: 14	17: 10	50: 12		
14 OCT	3	8.0	1: 4	6: 1	13: 13				62: 22	70: 2			
			14: 27	16: 6	17: 25	9 NOV	3	6.0	14: 18	17: 15	20: 25		
			18: 6	20: 8		11 NOV	3	8.0	2: 1	14: 19	17: 12		
15 OCT	3	2.5	1: 1	14: 4	17: 1				20: 6	50: 16	62: 32		
15 OCT	3	2.0	13: 4	14: 3	16: 1	12 NOV	2	2.0	1: 11	14: 4			
			17: 10			16 NOV	3	6.0	1: 1	13: 2	14: 32		
16 OCT	3	3.5	13: 2	14: 47	17: 4				17: 21	20: 1	50: 6		
			20: 36	50: 15	62: 10				62: 13	70: 3			
16 OCT	3	4.0	1: 5	6: 2	11: 1	23 NOV	3	8.0	6: 1	8: 3	13: 2		
			13: 7	14: 8	16: 1				14: 8	16: 5	17: 23		
			17: 18						18: 7	20: 24	23: 1		
17 OCT	3	2.5	13: 4	14: 13	17: 2	29 NOV	3	4.5	8: 11	17: 1			
			20: 23	50: 4	62: 2	29 NOV	3	2.0	14: 1	17: 1	20: 3		
18 OCT	3	4.0	22: 1	23: 2		30 NOV	2	1.5	14: 1	17: 1			
18 OCT	3	2.5	1: 2	14: 3	17: 2	30 NOV	3	1.0					
19 OCT	3	6.0	1: 3	14: 2	17: 12								
			54: 1										
19 OCT	3	5.0	1: 3	6: 1	13: 12								
			14: 8	16: 1	17: 12								
			20: 11										
19 OCT	3	6.0	22: 1	23: 1									
20 OCT	3	4.5	1: 4	6: 1	14: 16								
			16: 1	17: 9	20: 11								
22 OCT	3	7.0	1: 2	14: 12	16: 2								
			17: 24	18: 1	20: 10								
23 OCT	3	2.5	1: 1	17: 1									
23 OCT	3	4.0	4: 3	14: 4	18: 8								
			20: 5										
25 OCT	3	2.5	1: 1	17: 4	50: 3								
			62: 18										
25 OCT	3	6.0	1: 6	2: 1	14: 8								
			16: 1	17: 17	20: 12								
26 OCT	3	5.0	13: 5	14: 20	16: 2								
			17: 15	20: 35	23: 1								
26 OCT	3	6.0	6: 1	14: 3	17: 14								
			50: 2										
2 NOV	3	6.0	14: 8	17: 1	50: 2								
7 NOV	3	4.0	14: 13	17: 15	20: 1								

APPENDIX TABLE 21. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM ALABAMA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
11 APR	5	2.0	8:	3	17:	1	13 JUN	6	4.0	6:	4
15 APR	5	4.0					16 JUN	2	1.0		
16 APR	5	3.0					17 JUN	6	8.0	1:	6
17 APR	5	2.0							7:	2	
18 APR	5	2.0	6:	1	8:	1	19 JUN	5	3.0	3:	2
19 APR	5	3.0	3:	2			20 JUN	5	3.0	1:	4
20 APR	5	3.0	3:	6					3:	2	
29 APR	4	3.0	3:	6			20 JUN	6	6.0	3:	1
7 MAY	5	3.0	3:	2	6:	3	8:	2	21 JUN	6	4.0
10 MAY	2	4.0	6:	4	8:	1			21 JUN	4	2.0
12 MAY	3	3.0	6:	4					22 JUN	2	3.0
14 MAY	6	3.0	1:	1	12:	1			22 JUN	5	3.0
17 MAY	5	2.0							23 JUN	5	6.0
18 MAY	3	1.5	6:	3							7:
19 MAY	2	1.0							23 JUN	2	4.0
21 MAY	2	2.0	6:	1					24 JUN	5	4.0
23 MAY	2	1.0							25 JUN	6	4.0
24 MAY	5	3.0	8:	4					25 JUN	5	3.0
25 MAY	2	2.0	3:	1	6:	1	8:	2	26 JUN	2	4.0
25 MAY	5	3.0	6:	2	7:	2	8:	2			12:
26 MAY	5	3.0	3:	2	6:	1	7:	2	27 JUN	6	3.0
			8:	1	12:	1					8:
27 MAY	3	2.0	6:	1	8:	3			28 JUN	5	4.0
27 MAY	5	3.0	1:	1	6:	2	13:	4	28 JUN	2	8.0
29 MAY	5	3.0	2:	1	3:	2	6:	1			6:
			24:	1					29 JUN	5	4.0
30 MAY	5	4.0	5:	1	6:	3	7:	2			24:
			8:	6	9:	2	24:	1	29 JUN	2	4.0
31 MAY	6	4.0	6:	1							12:
1 JUN	2	3.0	6:	5					30 JUN	5	3.0
2 JUN	5	3.0	6:	2	7:	6	8:	4	1 JUL	2	3.0
2 JUN	2	4.0	1:	3	3:	1	6:	5	2 JUL	5	3.0
			24:	2					2 JUL	6	3.0
3 JUN	5	3.0	5:	1	7:	8	8:	4	3 JUL	2	2.0
			9:	1					4 JUL	2	4.0
4 JUN	5	3.0	7:	9	8:	2	9:	1			12:
6 JUN	5	3.0	1:	1	5:	2	6:	2	8 JUL	5	3.0
			7:	12	8:	4	9:	4			7:
			12:	1					8 JUL	2	3.0
7 JUN	5	3.0	6:	2	7:	6	8:	1	9 JUL	5	3.0
8 JUN	5	2.0							10 JUL	5	3.0
9 JUN	6	4.0	1:	3	3:	1	6:	4	11 JUL	5	6.0
			24:	2							6:
9 JUN	5	3.0	5:	2	6:	2	7:	1	11 JUL	2	7.0
			9:	1							8:
12 JUN	5	3.0	1:	1	3:	2	6:	1	12 JUL	5	3.0
			8:	2					12 JUL	2	8.0
											1:

APPENDIX TABLE 21 (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					
12 JUL	2	8.0+	8:	2	24:	1	13 AUG	2	4.5	1:	4	3:	8	6:	3
13 JUL	5	3.0	1:	2	6:	1	13 AUG	5	3.0	3:	6	6:	2		
15 JUL	5	3.0	3:	6	6:	2	8:	1	14 AUG	2	2.0	1:	3		
16 JUL	2	4.5	1:	2	2:	1	6:	5	17 AUG	3	11.0	21:	2		
			8:	2					18 AUG	5	3.0	2:	2	3:	2
16 JUL	5	3.0	3:	1	6:	6			18 AUG	3	10.0	21:	6		13:
17 JUL	5	3.0	1:	4	2:	1	3:	6	20 AUG	5	3.0	1:	1	3:	6
			6:	4							24:	2		6:	1
17 JUL	6	4.0	1:	1	3:	1	6:	7	21 AUG	5	3.0	3:	6		
			13:	4	24:	2			22 AUG	5	3.0	1:	3	3:	5
18 JUL	3	8.0	21:	2					23 AUG	5	3.0	1:	3	3:	2
18 JUL	4	6.0	1:	12	3:	9	6:	1	24 AUG	6	3.0	6:	2		
19 JUL	2	7.0	1:	10	3:	12	6:	4	24 AUG	5	3.0	1:	1	6:	2
			12:	1					25 AUG	6	5.0	1:	6	2:	1
20 JUL	2	0.5	6:	5							6:	4		3:	13
21 JUL	5	3.0	1:	1	6:	4	24:	4	25 AUG	5	2.0	1:	1	3:	1
21 JUL	2	4.5	1:	6	3:	4	6:	6	5 SEP	5	4.0	3:	2	6:	2
22 JUL	2	4.5	1:	5	3:	6	24:	5	6 SEP	5	4.0	3:	4	6:	3
22 JUL	5	3.0	1:	1	3:	3	6:	2	9 SEP	6	1.5	6:	2		17:
23 JUL	5	3.0	2:	2	3:	1	6:	1	10 SEP	5	3.0	3:	2	6:	1
			24:	1					11 SEP	6	3.0	1:	2	6:	4
26 JUL	6	4.0							11 SEP	5	3.0	1:	1	3:	4
27 JUL	5	3.0	3:	6	6:	2			12 SEP	5	3.0	1:	4	3:	6
28 JUL	5	3.0	3:	6					12 SEP	6	1.0	1:	1	6:	5
29 JUL	2	5.0	3:	22	6:	1			17 SEP	5	3.0	3:	2		7:
30 JUL	2	3.5	3:	20	6:	1			21 SEP	2	2.0	3:	1		4
31 JUL	2	4.0	1:	10	3:	19			26 SEP	5	3.0	6:	2		
31 JUL	5	3.0	3:	7	6:	1			27 SEP	3	8.0	22:	2	38:	1
1 AUG	2	3.0	1:	1	3:	6			28 SEP	3	9.5				
1 AUG	4	3.0	3:	17	9:	1			3 OCT	2	3.0	1:	8	6:	2
3 AUG	3	13.0	24:	2					3 OCT	6	3.0	6:	4		
4 AUG	3	8.0							4 OCT	2	2.5	1:	3	6:	3
7 AUG	6	4.0	1:	1	3:	6	6:	1	4 OCT	6	3.0	3:	1	6:	5
			24:	4					5 OCT	2	3.0	3:	2	6:	2
7 AUG	4	2.0	3:	26	5:	1	9:	5	7 OCT	6	3.0	1:	1	6:	2
8 AUG	5	3.0	1:	12	3:	6	6:	2	10 OCT	6	3.0	6:	2		8:
			9:	2					11 OCT	6	2.0	6:	4		1
9 AUG	2	7.0	1:	24	3:	20	6:	1	11 OCT	6	3.0	3:	1		
9 AUG	5	3.0	1:	12	2:	2	3:	4	12 OCT	6	1.0	6:	2		
			6:	3	12:	2			12 OCT	6	3.0	6:	4		
10 AUG	2	3.0	1:	18	6:	4			13 OCT	6	2.0				
10 AUG	5	3.0	1:	17	2:	1	3:	4	13 OCT	6	3.0	1:	1	3:	2
			6:	2	12:	1			14 OCT	2	1.0	3:	3		6:
11 AUG	2	6.0	1:	9	3:	6	4:	2	14 OCT	6	2.0	1:	1		3
			6:	3	12:	1			17 OCT	6	3.0	3:	1	6:	2
11 AUG	5	3.0	1:	6	3:	3			19 OCT	2	3.5	6:	3		
12 AUG	1	2.0	3:	4	6:	2			20 OCT	6	3.0	1:	1		

APPENDIX TABLE 21. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --	
20 OCT	2	2.5	3:	1					
21 OCT	6	3.0	3:	4	6:	1			
22 OCT	6	3.0							
22 OCT	6	3.0	6:	4	24:	1			
23 OCT	6	3.0	8:	2					
2 NOV	6	1.0							
6 NOV	2	2.0							
7 NOV	5	2.0	6:	3					
7 NOV	6	2.0							
9 NOV	5	2.0	6:	2					
9 NOV	2	1.5							
10 NOV	5	2.0	6:	6					
11 NOV	5	2.0							
13 NOV	6	1.5							
15 NOV	3	1.0							
16 NOV	5	2.0	6:	2					
23 NOV	6	2.0							
24 NOV	5	2.0	6:	1	8:	1			
9 DEC	5	2.0							

APPENDIX TABLE 22. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM ALABAMA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---								
11 APR	3	3.0	14:	8		31 MAY	2	0.5	20:	1							
15 APR	3	3.0	14:	13	76:	1	85:	1	1 JUN	3	5.0	2:	1	14:	25	20:	12
16 APR	6	3.0	14:	8	17:	1	20:	6				62:	10				
			76:	4	85:	1			2 JUN	3	3.0	14:	16	20:	1		
16 APR	2	3.0	2:	1					3 JUN	3	3.0	13:	4	14:	3		
17 APR	3	4.0	14:	2	20:	2	62:	6	4 JUN	3	3.0	13:	4				
			76:	6	85:	4			5 JUN	3	5.0	14:	28	20:	1	50:	6
17 APR	2	3.0										62:	15				
18 APR	2	6.0	2:	3					6 JUN	3	5.0	1:	1	6:	2	14:	4
18 APR	3	4.0	14:	8	36:	1	62:	1				20:	26	50:	5	62:	5
			76:	2	85:	1			6 JUN	3	3.0	14:	6				
19 APR	3	3.0	14:	4	20:	4			7 JUN	5	3.0	9:	2	13:	4		
19 APR	6	7.0	2:	1	14:	4	20:	2	8 JUN	3	4.0	70:	4				
20 APR	6	6.0	2:	1	14:	20	20:	6	9 JUN	3	3.0	14:	6				
20 APR	3	3.0	20:	3					17 JUN	3	0.5	4:	1	20:	2		
29 APR	2	4.0	2:	2					19 JUN	3	3.0	14:	14	20:	2		
5 MAY	3	4.0	13:	8	14:	20	16:	6	20 JUN	3	3.0	13:	1	14:	4	62:	6
			20:	12	50:	10	62:	15	20 JUN	3	1.0	13:	7	14:	1	20:	1
7 MAY	3	3.0	14:	14	20:	5						62:	2				
7 MAY	2	3.0	1:	1	2:	2	3:	5	22 JUN	3	3.0	14:	25	20:	2		
			14:	12	17:	1			24 JUN	3	2.0	14:	10	20:	2		
11 MAY	3	5.0	6:	1	13:	4	14:	30	25 JUN	3	3.0	13:	3	14:	12		
			20:	75	50:	5	62:	25	25 JUN	3	3.0	13:	8	14:	4	17:	1
12 MAY	4	3.0	14:	25	17:	1	20:	1				20:	2	62:	8		
			62:	10					27 JUN	3	3.0	13:	7	20:	2	62:	2
14 MAY	3	3.0	8:	2	14:	28			28 JUN	3	2.0	14:	12	20:	2		
17 MAY	3	2.0	18:	1	76:	6			29 JUN	3	3.0	14:	40	20:	6		
18 MAY	3	4.0	14:	12	20:	18	50:	6	30 JUN	3	3.0	14:	12	20:	2		
			62:	10					1 JUL	3	4.0	13:	1	14:	10	20:	6
18 MAY	5	3.0	14:	4	76:	5						54:	1	62:	10		
19 MAY	3	1.5	14:	18	17:	1	20:	3	2 JUL	3	5.0	13:	9	14:	4	20:	10
			50:	2	62:	10						24:	2	50:	10	54:	3
21 MAY	3	5.0	14:	16	20:	1	62:	5				62:	40				
23 MAY	3	5.0	1:	1	6:	1	13:	1	2 JUL	3	3.0	14:	13	20:	3		
			14:	1	18:	1	20:	30	3 JUL	3	3.0	14:	55	20:	4	50:	1
			50:	5	54:	2	62:	4	8 JUL	3	3.0	13:	2	14:	9		
24 MAY	3	3.0	13:	6	14:	13	20:	2	8 JUL	6	1.0	2:	2	14:	1		
			76:	2					9 JUL	3	3.0	14:	6	20:	2		
25 MAY	3	4.0	13:	2	14:	24	20:	2	10 JUL	3	3.0	14:	15	20:	2	62:	20
			76:	6					12 JUL	3	3.0	20:	6	76:	3		
26 MAY	3	3.0	14:	7	18:	2			13 JUL	3	3.0	14:	21	20:	5	62:	8
27 MAY	3	4.0	14:	6	20:	2						76:	9				
27 MAY	3	6.0	1:	1	14:	10	20:	15	15 JUL	3	3.0	20:	5				
			62:	8					16 JUL	3	3.0	14:	9	62:	1		
29 MAY	3	3.0	14:	7					17 JUL	3	3.0	14:	12	20:	1		
30 MAY	3	3.0	14:	14	17:	1	20:	3	17 JUL	3	2.0	2:	5	4:	2	14:	12
			62:	2								20:	3				

APPENDIX TABLE 2.2.(CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			
20 JUL	3	4.0	8: 2	14: 12	16: 5	12 SEP	3	4.0	13: 5	17: 15	20: 4		
			20: 3	50: 10	62: 3	25 SEP	3	4.0	13: 1	14: 6	17: 21		
21 JUL	3	3.0	14: 15	20: 4					20: 9				
22 JUL	3	3.0	18: 12	20: 6		26 SEP	3	3.0	14: 4	17: 18	20: 10		
23 JUL	3	3.0	14: 5			3 OCT	3	3.0	14: 10	17: 10	20: 10		
26 JUL	3	3.0	2: 1	14: 15	20: 1	3 OCT	3	1.0	14: 1	17: 8	20: 1		
			62: 8			4 OCT	6	1.0	14: 1	17: 3	20: 3		
27 JUL	3	4.0	14: 40	20: 6		4 OCT	3	3.0	14: 2	17: 16	20: 2		
27 JUL	3	5.0	8: 2	14: 15	20: 16	7 OCT	3	2.0	14: 2	20: 3			
			50: 17	62: 15		10 OCT	3	3.0	14: 1	17: 5	20: 8		
28 JUL	3	3.0	13: 2	14: 10	20: 2	11 OCT	3	5.0	13: 10	14: 3	17: 12		
			50: 1	62: 2					20: 30	62: 6			
30 JUL	3	1.0	14: 10	20: 1		11 OCT	3	3.0	14: 2	17: 5	20: 2		
31 JUL	3	2.0	14: 29	20: 3		12 OCT	3	3.5	13: 5	17: 5	20: 55		
1 AUG	3	0.5	14: 5						50: 1	62: 2			
1 AUG	2	3.0	14: 4			12 OCT	3	4.0	14: 20	17: 1	20: 8		
7 AUG	3	2.0	14: 22	20: 8		13 OCT	3	5.0	14: 1	16: 1	17: 3		
8 AUG	3	3.0	14: 24	62: 1					20: 48	62: 3			
9 AUG	3	3.0	14: 12	62: 1		13 OCT	3	3.0	14: 5	62: 1			
10 AUG	3	2.0	14: 22			14 OCT	3	5.0	14: 5	17: 12	20: 25		
10 AUG	3	3.0	1: 2	14: 40	62: 10	17 OCT	3	3.0	14: 4	17: 6	20: 4		
11 AUG	3	1.0	14: 7	20: 1					62: 2				
11 AUG	3	3.0	13: 1	14: 1	20: 1	20 OCT	3	3.0	14: 1	17: 1	20: 3		
			70: 1			20 OCT	3	1.0	17: 7				
13 AUG	3	3.0	14: 21	20: 9		21 OCT	3	3.0	14: 2	20: 3	62: 1		
18 AUG	3	3.0	14: 24	17: 2	20: 1	22 OCT	3	4.0	14: 20	17: 3	20: 15		
19 AUG	3	2.0	6: 2	14: 25	62: 20	22 OCT	3	4.0	62: 1				
20 AUG	3	3.0	14: 18	20: 3	50: 1	23 OCT	3	3.0	2: 1	14: 1	17: 4		
			62: 2	70: 1					20: 1				
21 AUG	3	3.0	14: 34	20: 6	50: 4	2 NOV	3	1.0	14: 7	17: 2	62: 1		
22 AUG	3	3.0	2: 2	14: 27	20: 1	6 NOV	3	2.0	14: 4	17: 2	20: 1		
23 AUG	3	3.0	14: 34	20: 2		6 NOV	3	1.0	14: 7	17: 2			
24 AUG	3	3.0	14: 20			7 NOV	3	2.0	14: 1	16: 1	17: 5		
24 AUG	3	4.0	2: 2	7: 4	12: 1	7 NOV	3	4.0	14: 26	17: 10	20: 15		
			14: 55	20: 16	24: 2				50: 5	62: 11			
25 AUG	3	2.0	14: 2	20: 2		9 NOV	3	1.0	14: 3	17: 2	20: 3		
5 SEP	3	3.0	14: 15	17: 4	20: 2	9 NOV	3	1.5	14: 4	17: 5	20: 2		
5 SEP	3	2.0	14: 19	17: 1	20: 2	10 NOV	3	6.0	14: 6	17: 4	20: 3		
6 SEP	1	2.0	17: 28			11 NOV	3	4.0	14: 3	17: 20	20: 9		
6 SEP	5	2.0	14: 21	17: 16					50: 1	53: 2			
7 SEP	2	2.0	14: 1	17: 15		13 NOV	3	1.5	6: 4	14: 8	17: 2		
8 SEP	6	2.5	14: 1	17: 33	20: 3				20: 2	62: 2			
9 SEP	3	2.0	17: 18			14 NOV	3	2.5	14: 32	20: 17			
10 SEP	3	3.0	14: 18	17: 30	20: 14	15 NOV	3	4.0	14: 36	20: 9			
11 SEP	3	3.0	14: 6	17: 20	20: 2	16 NOV	3	4.0	14: 9	17: 18	20: 9		
11 SEP	3	5.0	14: 1	17: 40	20: 3				48: 6	50: 1	53: 4		
12 SEP	3	3.0	14: 4	17: 21	20: 6				62: 1				

APPENDIX TABLE 22. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
23 NOV	3	2.0	14: 20	17: 2	20: 2						
			50: 1	62: 6							
24 NOV	3	4.0	14: 5	17: 6	20: 1						
9 DEC	3	4.0	14: 10	17: 4	20: 3						
			62: 2								

APPENDIX TABLE 23. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM MISSISSIPPI

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---		
2 APR	2	6.5	3: 31	12: 1		28 MAY	2	6.0	3: 21	6: 3	
4 APR	2	3.5	3: 9	4: 1		29 MAY	2	4.0	3: 5	4: 12	12: 1
11 APR	2	4.0	3: 11	8: 1		1 JUN	2	8.0	3: 5		
15 APR	2	6.0	3: 35	4: 6	8: 2	1 JUN	2	6.5	3: 40	4: 16	7: 7
			12: 4						8: 2	12: 2	
17 APR	2	6.0	2: 1	3: 65	4: 7	2 JUN	2	5.0	3: 44	8: 1	12: 1
20 APR	2	6.5	2: 1	3: 92	12: 3	6 JUN	2	5.0	1: 1	3: 28	4: 24
21 APR	2	6.0	2: 1	3: 66	12: 12				8: 6		
24 APR	2	6.0	3: 14	4: 2	8: 1	7 JUN	2	2.0	3: 3	4: 5	
			12: 4			8 JUN	2	2.0	1: 1	3: 10	8: 1
27 APR	2	3.5	3: 1			9 JUN	2	6.0	1: 4	3: 30	12: 3
27 APR	2	6.0	2: 1	3: 28	8: 1	9 JUN	2	6.0	1: 3	3: 65	4: 18
29 APR	2	2.0	3: 18	7: 9	8: 6				8: 7	12: 1	
3 MAY	2	3.5	3: 28	8: 1		10 JUN	2	8.0	1: 5	3: 140	5: 2
4 MAY	1	5.0	3: 16						7: 10	8: 6	
5 MAY	2	6.0	3: 40	7: 4	8: 2	12 JUN	2	6.5	3: 27	12: 1	
10 MAY	2	6.0	2: 1	3: 65	8: 3	13 JUN	2	4.0	3: 3	12: 1	
			12: 6	29: 2		14 JUN	2	8.0	1: 2	3: 90	7: 3
11 MAY	2	6.5	3: 44	5: 2	8: 18				8: 4		
			12: 4			15 JUN	2	3.5	3: 1		
13 MAY	2	5.0	3: 164	8: 22		17 JUN	2	1.0	1: 3	3: 2	12: 1
13 MAY	2	5.0	1: 11	3: 25	5: 3				29: 1		
			6: 8	7: 10		17 JUN	2	3.0	3: 39		
14 MAY	2	4.0	3: 15	6: 10		19 JUN	2	4.0	3: 19	5: 6	
14 MAY	2	6.5	1: 1	3: 74	4: 12	19 JUN	2	6.0	1: 2	3: 40	7: 2
			8: 9						8: 6	12: 4	29: 4
17 MAY	2	4.0	1: 2	3: 60	4: 26	20 JUN	2	4.0	3: 3	8: 13	12: 3
			8: 8	12: 1		20 JUN	2	4.0	3: 16	8: 2	9: 4
17 MAY	2	6.0	3: 65	6: 7		21 JUN	2	4.0	3: 34	8: 3	
18 MAY	2	6.5	1: 1	3: 38	4: 4	22 JUN	2	6.5	1: 3	3: 58	8: 6
			8: 12						12: 3	29: 1	
19 MAY	2	3.0	1: 2	3: 45	7: 4	23 JUN	2	5.0	1: 4	3: 3	8: 7
			8: 4			24 JUN	2	4.0	1: 6	3: 14	8: 2
19 MAY	2	4.0	3: 28	6: 7					12: 2		
20 MAY	2	6.5	2: 1	3: 60	8: 8	26 JUN	2	5.0	3: 8	29: 3	
			12: 1			26 JUN	2	6.5	1: 12	3: 48	8: 6
23 MAY	2	6.0	1: 2	3: 75	7: 4				12: 4	29: 5	
			8: 6	12: 2		28 JUN	2	5.5	1: 4	3: 46	8: 11
25 MAY	2	6.0	3: 40	6: 8		29 JUN	2	6.0	1: 7	3: 75	8: 9
25 MAY	2	6.0	1: 1	3: 40	7: 8				12: 5		
			8: 3	12: 1		30 JUN	2	3.0	3: 8	29: 1	
26 MAY	2	6.5	1: 1	3: 35	4: 12	30 JUN	2	6.0	1: 3	2: 1	3: 55
			7: 2	8: 6	12: 1				8: 1	12: 2	
27 MAY	2	7.0	1: 1	3: 32	5: 8	2 JUL	2	5.5	3: 31	12: 2	
			8: 2	9: 4	12: 1	3 JUL	2	6.5	1: 2	3: 16	8: 11
28 MAY	2	6.0	1: 2	3: 38	4: 24				12: 7	24: 3	29: 5
			8: 2	12: 2		4 JUL	2	3.5	3: 8		

APPENDIX TABLE 23. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
4 JUL	2	6.0	1: 9	3: 41	5: 2	30 JUL	2	5.0	1: 3	3: 39	8: 7		
			8: 6	9: 12	12: 1				29: 1				
			24: 1			2 AUG	2	5.0	1: 6	3: 27			
6 JUL	2	6.5	1: 4	3: 38	8: 2	3 AUG	2	2.0	1: 2	3: 31			
			9: 8	12: 2	24: 9	3 AUG	2	6.0	1: 6	3: 27	8: 7		
7 JUL	2	6.0	1: 5	3: 38	5: 34	4 AUG	2	4.0	3: 16	8: 1	12: 2		
			7: 21	8: 9	12: 1	4 AUG	2	5.0	3: 1				
7 JUL	2	4.0	3: 1	12: 1		5 AUG	2	1.0	1: 2	3: 26	8: 1		
10 JUL	2	5.0	3: 27	12: 1					12: 1				
10 JUL	2	5.0	1: 4	3: 30	7: 12	6 AUG	2	6.0	1: 2	3: 37	8: 3		
			8: 4	12: 2		7 AUG	2	5.0	3: 29	8: 1			
11 JUL	2	4.0	4: 6			9 AUG	2	3.5	3: 35	8: 1			
12 JUL	2	5.0	1: 14	3: 39	7: 11	10 AUG	2	6.0	1: 4	3: 48	7: 3		
12 JUL	2	1.0	1: 2	3: 9	8: 3				8: 1	12: 3	24: 4		
13 JUL	2	5.0	1: 21	3: 28	7: 15	10 AUG	2	5.0	1: 4	3: 16			
			8: 2			11 AUG	2	6.5	1: 8	3: 66	7: 11		
13 JUL	2	3.0	3: 21						8: 4	12: 1	24: 2		
14 JUL	2	6.5	1: 14	3: 28	4: 21	11 AUG	2	5.0	1: 5	3: 14	8: 11		
			7: 20	8: 4	12: 2				24: 1				
			13: 1	24: 1	29: 2	17 AUG	2	3.0	3: 2				
15 JUL	2	6.0	1: 2	3: 39	8: 10	18 AUG	2	6.0	3: 7				
16 JUL	2	3.0	1: 2	3: 10		22 AUG	2	6.0	3: 14	7: 2	12: 1		
17 JUL	2	6.0	1: 4	3: 50	8: 3	23 AUG	2	5.5	1: 1	3: 17	7: 1		
			12: 3						9: 6				
17 JUL	2	2.0	3: 4			24 AUG	2	6.5	3: 11	8: 1	9: 14		
18 JUL	2	10.0	1: 1	3: 20	8: 5				12: 1				
19 JUL	2	5.5	1: 1	3: 66	8: 9	25 AUG	2	3.5	3: 11				
			12: 4			7 SEP	2	3.5	3: 17				
20 JUL	2	6.5	1: 7	3: 45	7: 8	11 SEP	2	6.0	3: 11	4: 1			
			8: 1	12: 2	29: 1	14 SEP	2	3.5	3: 11				
20 JUL	2	6.0	1: 1	3: 45		17 SEP	3	4.0					
21 JUL	2	6.0	1: 2	3: 45	7: 12	20 SEP	2	3.0	3: 5	4: 5	9: 6		
			8: 6	12: 1		21 SEP	3	6.0	3: 11	12: 1	29: 1		
22 JUL	2	5.0	1: 3	3: 37	8: 5	21 SEP	2	5.0	3: 8	4: 5	9: 6		
23 JUL	2	3.0	1: 1	3: 41	7: 6				12: 1				
			8: 1			24 SEP	2	2.0	3: 5	9: 7			
24 JUL	2	5.0	1: 1	3: 29		25 SEP	2	6.5	3: 9	4: 2	12: 1		
24 JUL	2	3.0	3: 38	8: 2	29: 1	26 SEP	2	3.0	3: 14	9: 2			
25 JUL	3	8.0	1: 6	3: 145	7: 6	28 SEP	2	3.0	3: 6	7: 5	8: 8		
			8: 18	12: 7	24: 3				12: 3				
26 JUL	2	3.5	3: 7			28 SEP	3	5.0	3: 3	12: 1			
27 JUL	2	6.5	1: 1	3: 40	7: 6	3 OCT	2	4.0	3: 7	12: 3			
			8: 2	12: 1		3 OCT	3	3.5	12: 2				
28 JUL	2	5.0	1: 2	3: 65	8: 2	5 OCT	2	6.5	1: 1	3: 14	7: 2		
			12: 2						8: 9	12: 17			
29 JUL	2	5.0	3: 52	4: 2	8: 4	6 OCT	2	3.0	1: 2	3: 8	7: 3		
30 JUL	2	3.5	3: 36	7: 1					8: 8	12: 6			

APPENDIX TABLE 23. (CONTINUED).

DATE	ZONE	HOURS		-- CATCH PER SPECIES --						
		FISHED		3:	4	12:	7			
10 OCT	2	3.5		3:	4	12:	7			
11 OCT	2	2.0		3:	6	12:	2			
12 OCT	2	4.0		3:	22	8:	9			
13 OCT	2	6.0		1:	2	3:	16	7:	2	
				8:	7	12:	8			
20 OCT	2	3.0		3:	8	9:	1	12:	9	
21 OCT	2	2.0		1:	1	3:	2	8:	1	
8 NOV	2	6.5		1:	2	8:	16	12:	7	
9 NOV	2	4.0		1:	1	8:	9	12:	3	
10 NOV	2	3.0		1:	1	8:	4	12:	1	
13 NOV	2	4.0		1:	1	8:	1	12:	2	
16 NOV	2	2.0		1:	2	8:	5			
17 NOV	2	4.0		3:	9	4:	3	12:	2	
18 NOV	2	1.0								
19 NOV	2	5.5		3:	1	4:	10	12:	2	

APPENDIX TABLE 24. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM MISSISSIPPI

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			
13 APR	2	6.5	14: 22	28: 51	45: 4	6 AUG	2	6.0	7: 3	8: 11	12: 4		
25 APR	2	5.0	12: 1	29: 3	36: 40				29: 1				
28 APR	1	3.5	27: 11	28: 21		8 SEP	2	9.0	1: 7	7: 3	8: 18		
29 APR	3	4.0	14: 104						12: 2	14: 14	20: 2		
30 APR	3	5.0	7: 5	8: 2	14: 121				29: 9	87: 1			
13 MAY	3	15.0	14: 30	20: 10		15 SEP	2	6.5	2: 1	12: 1	29: 14		
14 MAY	3	15.0	14: 14	20: 12		21 SEP	2	1.0	4: 3	29: 1			
18 MAY	2	4.0	14: 2			24 SEP	2	4.0	4: 18	12: 2	29: 4		
19 MAY	2	10.0	29: 4	35: 1	36: 19				36: 11				
19 MAY	2	5.0	8: 12	14: 20	20: 4	25 SEP	2	1.0	36: 2				
			35: 1			28 SEP	2	3.0	14: 36	17: 2	29: 1		
26 MAY	2	10.0	3: 5	4: 1	5: 6				36: 16				
			9: 2	31: 14	70: 8	6 OCT	2	3.0	14: 11	29: 9			
27 MAY	2	8.0	5: 1	31: 7		11 OCT	2	1.5	4: 2				
28 MAY	2	1.0	6: 14	12: 1	29: 1	12 OCT	2	2.0	28: 40	29: 17			
31 MAY	2	2.5	2: 9			13 OCT	2	1.0	2: 3				
7 JUN	2	5.0	2: 6	8: 62	12: 8	16 OCT	2	10.0	3: 1	4: 8	31: 60		
			29: 3			17 OCT	2	10.0	4: 10	31: 80			
8 JUN	2	4.0	2: 1	8: 40	12: 4	18 OCT	2	10.0	3: 3	4: 5	31: 50		
12 JUN	2	5.5	1: 1	2: 1	8: 60	19 OCT	2	6.0	4: 1	31: 25			
			12: 18	29: 4	35: 1	20 OCT	2	4.0	4: 6	29: 4			
15 JUN	2	6.0	1: 1	8: 45	12: 12	21 OCT	2	5.5	14: 35	17: 6	20: 10		
			29: 6	35: 1					29: 16				
16 JUN	2	7.5	2: 1	5: 17	20: 4	25 OCT	2	8.0	4: 4	31: 60			
16 JUN	2	6.0	1: 2	8: 65	12: 10	2 NOV	2	7.0	3: 1	5: 1	28: 65		
			29: 9	35: 2					45: 20				
17 JUN	2	4.0	2: 1	14: 4	20: 3	10 NOV	2	3.0	14: 4	17: 1	27: 6		
17 JUN	2	5.5	8: 25	12: 3	29: 8				28: 40	47: 2			
			35: 2			12 NOV	2	7.5	28: 600				
19 JUN	2	1.0				13 NOV	2	2.0					
20 JUN	2	0.5	2: 1	8: 6		16 NOV	2	3.5	14: 20	27: 5	28: 70		
21 JUN	2	1.5				18 NOV	2	7.0	4: 2				
28 JUN	3	8.5	2: 2	4: 2	5: 9	19 NOV	2	1.0					
			7: 3	8: 26	29: 72								
29 JUN	2	6.0	14: 32	20: 7									
10 JUL	2	1.5											
11 JUL	2	1.5											
12 JUL	2	5.0	8: 55	29: 2	91: 1								
13 JUL	2	1.0	14: 1										
13 JUL	2	2.5	8: 26	12: 1									
16 JUL	2	3.0	6: 14										
17 JUL	2	6.0	2: 1										
3 AUG	2	4.0	2: 1	5: 2	8: 18								
			29: 3										
3 AUG	2	4.0	1: 1	7: 1	8: 24								
			12: 8	29: 3	91: 1								
5 AUG	2	5.5	8: 18	29: 2									

APPENDIX TABLE 25. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM LOUISIANA

HOURS					HOURS						
DATE	ZONE	FISHED	-- CATCH PER SPECIES --			DATE	ZONE	FISHED	-- CATCH PER SPECIES --		
5 JAN	3	7.0	1: 14	6: 10		22 JUN	3	6.5+	6: 35	7: 3	12: 5
6 JAN	3	5.0	1: 5	6: 10		23 JUN	3	5.0	1: 2	3: 91	4: 5
7 JAN	3	5.5	1: 12	6: 9					6: 25	7: 6	12: 4
8 JAN	3	5.0	1: 18	6: 6		24 JUN	6	5.5	3: 65	4: 2	6: 29
9 JAN	3	5.0	1: 16	6: 4					7: 16	12: 3	
18 JAN	3	3.5	1: 5			28 JUN	2	6.0	3: 135	4: 10	6: 19
14 APR	3	7.0	13: 2	24: 1					12: 9		
20 APR	3	6.0	22: 9	23: 12	24: 1	29 JUN	3	7.0	21: 1		
1 MAY	2	8.0	3: 18	4: 2	6: 2	29 JUN	6	6.0	1: 10	3: 105	4: 12
			7: 10						6: 28	12: 3	
4 MAY	3	6.0	22: 5	23: 9		30 JUN	2	5.0	3: 160	6: 19	7: 2
5 MAY	3	5.5	1: 6	3: 52	6: 18				12: 2		
			7: 5	12: 5		30 JUN	2	8.0	1: 2	3: 27	4: 2
12 MAY	3	6.0	1: 2	3: 86	4: 2				6: 6	12: 3	
			6: 24			5 JUL	3	10.0	8: 5	22: 1	
13 MAY	3	5.5	1: 1	3: 72	6: 18	6 JUL	3	10.0	6: 6	21: 1	
			7: 2			7 JUL	2	6.0	1: 10	3: 86	4: 18
15 MAY	2	6.5	1: 1	3: 24	4: 15				6: 12	7: 5	12: 4
			6: 1	7: 6	12: 4	9 JUL	2	5.5	1: 6	3: 110	4: 12
18 MAY	3	6.0	3: 86	4: 4	6: 29				6: 16	7: 2	12: 5
			7: 5			12 JUL	2	6.0	1: 4	3: 145	4: 21
2 JUN	3	5.0	1: 2	3: 68	6: 18				6: 24	12: 2	
			7: 10	12: 2		13 JUL	2	6.0	1: 3	3: 126	4: 19
5 JUN	3	6.0	1: 5	3: 74	6: 22				6: 10	7: 9	
			7: 9	12: 5		14 JUL	2	6.0	1: 5	3: 145	4: 8
7 JUN	3	7.5							6: 21	7: 4	12: 6
7 JUN	3	3.5	1: 3	3: 31	6: 19	19 JUL	2	5.5	1: 14	3: 122	4: 3
			7: 12	12: 3					6: 16	7: 5	12: 4
8 JUN	3	6.0	1: 1	3: 65	6: 24	20 JUL	2	8.5	1: 6	3: 31	6: 2
			7: 10	12: 2					12: 2		
8 JUN	3	7.5				20 JUL	2	6.5	1: 12	3: 165	4: 14
9 JUN	2	8.0	1: 4	3: 32	4: 12				7: 3	12: 5	
			5: 1	24: 1		21 JUL	2	7.0	1: 2	3: 24	4: 4
10 JUN	2	7.5	1: 1	3: 20	4: 8				12: 1		
			6: 2	7: 4		21 JUL	2	5.5	1: 6	3: 141	4: 4
12 JUN	2	6.0	3: 18	6: 10	7: 7				6: 16	7: 5	
			12: 1			22 JUL	3	6.0	6: 1	11: 1	
13 JUN	2	7.0				23 JUL	2	8.0	1: 6	10: 1	12: 2
14 JUN	3	6.0	1: 5	3: 75	4: 10	25 JUL	2	10.0	10: 1	12: 6	
			12: 4			26 JUL	2	11.0	1: 8	12: 1	
15 JUN	3	6.0	1: 4	3: 85	4: 9	26 JUL	2	8.0	1: 18	3: 184	6: 26
			12: 7			27 JUL	2	8.0	1: 5	3: 102	6: 19
16 JUN	3	5.5	1: 2	3: 85	4: 5	27 JUL	2	8.0	1: 1	3: 21	4: 7
			6: 14	12: 6					8: 2		
21 JUN	3	6.0	1: 5	3: 110	4: 10	28 JUL	3	5.0	6: 1	21: 8	22: 1
			6: 26	7: 5	12: 6				24: 1		
22 JUN	3	6.5	1: 9	3: 126	4: 9	2 AUG	2	6.0	1: 5	3: 142	6: 6

APPENDIX TABLE 25.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
3 AUG	2	6.0	1: 4	3: 122	6: 5						
7 AUG	3	6.0	1: 10	3: 120	6: 6						
8 AUG	3	6.0	1: 9	3: 106	6: 2						
9 AUG	6	6.0	1: 10	3: 92	6: 6						
10 AUG	6	5.5	1: 8	3: 82	6: 4						
11 AUG	3	6.0	21: 2	22: 1	24: 12						
12 AUG	6	6.0	1: 14	3: 78	6: 19						
			12: 2								
13 AUG	6	5.5	1: 16	3: 91	6: 7						
			12: 5								
17 SEP	2	5.5	1: 9	3: 16	4: 2						
			6: 10	7: 9	12: 6						
20 SEP	2	6.0	1: 6	3: 28	6: 14						
			7: 6	12: 2							
25 SEP	2	5.0	1: 12	3: 29	4: 12						
			6: 4	7: 9	12: 4						
27 SEP	2	5.5	1: 14	3: 62	4: 5						
			6: 9	7: 4	12: 1						
28 SEP	2	5.0	21: 2	22: 1	24: 10						
29 SEP	1	5.0	1: 12	3: 26	6: 18						
			7: 5								
5 OCT	1	6.0	1: 9	3: 32	6: 6						
			7: 5								
24 OCT	2	6.0	1: 12	3: 86	6: 21						
			8: 2								

APPENDIX TABLE 26. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM LOUISIANA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---		
5 JAN	3	4.5	1: 5	5: 15	14: 30	7 FEB	3	5.0+	28:200		
			27: 50	28:200		9 FEB	3	4.5	4: 5	14: 8	27: 38
6 JAN	3	4.0	1: 4	5: 10	14: 20				28:127	73: 9	
			27: 50	28:200		10 FEB	3	6.0	4: 22	27: 27	58:150
7 JAN	3	4.0	1: 2	4: 10	5: 8	10 FEB	3	4.0	4: 6	14: 10	27:200
			14: 15	27: 25	28:100				28: 50		
12 JAN	3	3.0	4: 6	5: 4	14: 10	11 FEB	3	3.0	4: 12	27: 10	58: 85
			27: 10	28: 50		11 FEB	3	6.0	4: 25	5: 20	27:300
13 JAN	3	5.5	4: 6	27: 26	58:206				28:100		
14 JAN	3	5.5	4: 28	27: 14	58:185	13 FEB	6	1.0	4: 12	5: 4	12: 1
18 JAN	3	4.0	1: 2	4: 3	14: 15				14: 4	27: 16	28: 87
			27: 50	28:200					43: 10		
18 JAN	3	2.0	27: 3	58: 86		15 FEB	3	5.0	4: 5	14: 10	27: 40
19 JAN	3	5.0	4: 4	14: 10	27: 50				28:100		
			28:200			17 FEB	3	4.0	4: 10	27:100	28:200
22 JAN	3	6.0	4: 6	14: 10	26:150	19 FEB	3	4.0	4: 2	14: 3	27: 50
			27: 50						28:100		
23 JAN	3	5.0	4: 10	27: 35	58:164	21 FEB	3	5.0	4: 4	14: 6	27: 25
24 JAN	3	4.0	4: 2	5: 5	14: 5				28:150		
			26:200	27: 75		21 FEB	3	4.0	4: 3	14: 1	27: 8
24 JAN	3	4.5	4: 18	14: 5	27: 17				28: 19	36: 2	
			58:132			23 FEB	3	5.0	4: 4	14: 3	27: 16
25 JAN	3	4.0	4: 4	5: 8	14: 10				28: 27		
			20: 2	26:200	27: 50	24 FEB	3	4.0	4: 4	27: 50	28:200
25 JAN	3	4.0	1: 12	4: 1	27: 16	26 FEB	3	4.0	4: 8	14: 10	27: 50
			28:117	73: 7					28:200		
26 JAN	3	5.5	5: 2	14: 6	20: 1	27 FEB	3	5.0	4: 5	14: 15	27: 50
			26:150	27: 50					28:100		
27 JAN	3	4.5	1: 1	4: 1	5: 1	28 FEB	6	4.0	4: 6	5: 3	14: 2
			14: 5	27: 7	28:212				20: 3	27: 6	28:121
			73: 3			2 MAR	3	3.5	4: 6	5: 3	14: 10
27 JAN	3	5.0	1: 1	4: 4	5: 3				27: 30	28: 70	
			14: 10	20: 4	27: 50	2 MAR	3	4.0	4: 3	5: 2	14: 3
			28: 75						27: 4	28:189	
28 JAN	3	6.0	12: 1	14: 46	16: 1	3 MAR	3	4.5	4: 1	5: 4	14: 1
			27: 29	58: 86					27: 6	28:212	63: 4
29 JAN	3	5.5	4: 9	14: 29	16: 2	6 MAR	3	3.5	4: 2	14: 3	27: 50
			27: 31	58:121					28: 75		
1 FEB	3	4.0	5: 2	14: 5	27: 50	7 MAR	3	4.0	4: 4	14: 2	27: 50
			28:200						28:100		
2 FEB	3	4.5	4: 4	14: 10	20: 2	8 MAR	3	5.0	4: 5	7: 5	14: 22
			27:100	28:300					16: 2	20: 3	27: 24
3 FEB	3	4.0	4: 3	14: 10	27: 50				58:165		
			28:150			8 MAR	3	4.0	4: 6	27: 50	28:100
4 FEB	3	4.0	4: 2	14: 20	27: 75	9 MAR	3	5.0	4: 8	5: 10	14: 4
			28:150						27:100	28:200	
7 FEB	3	5.0	4: 6	14: 5	27: 50	9 MAR	3	4.0	4: 3	5: 8	14: 2

APPENDIX TABLE 26. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
9 MAR	3	4.0+	27: 17	28:277		18 APR	3	4.0	14: 12	27: 48	28: 32
9 MAR	3	5.5	7: 12	14: 16	20: 10				30: 10	36: 1	47: 1
			27: 64	58:212		19 APR	3	3.5	14: 8	27: 27	28: 45
10 MAR	3	4.5	4: 1	5: 6	14: 1				30: 3	36: 2	47: 2
			27: 26	28:271	73: 4	20 APR	3	4.0	27: 14	28:127	30: 6
15 MAR	3	4.0	5: 2	14: 10	27: 50				36: 5	47: 2	
			28:100			21 APR	3	4.5	12: 1	14: 3	27: 17
16 MAR	3	3.5	4: 3	27: 4	28: 47				28: 97	30: 6	36: 1
17 MAR	3	5.5	2: 2	4: 18	14: 30				47: 1		
			20: 1	27: 59	58:166	22 APR	3	4.5	7: 1	14: 6	20: 1
17 MAR	3	4.0	4: 5	5: 4	7: 3				27: 5	28: 14	30: 2
			14: 2	27: 16	28:217	23 APR	3	4.0	12: 1	14: 3	27: 27
			47: 2						28: 29	30: 3	36: 1
17 MAR	3	4.0	1: 1	4: 6	14: 10	26 APR	3	3.5	14: 3	27: 16	28: 44
			27: 50	28:100					30: 6	47: 3	
18 MAR	3	4.5	4: 8	5: 4	14: 2	27 APR	3	4.0	12: 1	13: 1	14: 4
			27: 75	28:150					23: 1	27: 47	28:106
19 MAR	3	4.5	4: 1	5: 2	14: 1				30: 8	36: 1	47: 2
			27: 7	28:106		28 APR	3	6.0	2: 1	3: 1	7: 4
23 MAR	3	6.0	4: 15	14: 10	27:150				13: 9	20: 6	23: 6
			28:400						27: 32	140: 36	
23 MAR	3	4.0	4: 1	5: 1	7: 2	28 APR	3	4.5	12: 1	14: 4	27: 27
			14: 2	27: 26	28:125				28:114	36: 5	
			36: 1	47: 4		3 MAY	3	4.5	5: 2	7: 4	14: 1
23 MAR	3	6.0	14: 26	27: 64	58:205				27: 4	28: 12	30: 7
24 MAR	3	4.5	5: 8	7: 3	14: 4	4 MAY	3	4.0	7: 2	14: 9	27: 14
			27: 47	28:225	36: 3				28:121	30: 21	36: 2
			47: 3			5 MAY	3	4.5	4: 1	5: 1	7: 2
25 MAR	3	5.0	4: 4	5: 6	14: 10				14: 21	20: 1	27: 6
			27:100	28:300					28: 12	30: 5	63: 1
28 MAR	3	4.0	4: 6	14: 5	27:100	6 MAY	3	3.0	14: 3	27: 2	28: 4
			28:200						30: 3	36: 1	
29 MAR	3	4.5	4: 1	14: 1	27: 1	29 MAY	6	4.5	5: 2	12: 1	14: 3
			28: 19	47: 1					27: 11	28: 21	30: 14
29 MAR	3	3.5	2: 1	4: 10	5: 5	1 JUN	3	5.0	27: 7	28: 8	30: 12
			14: 2	20: 10	27: 40	2 JUN	3	5.0	14: 8	27: 12	28: 18
			28: 40						47: 12		
6 APR	6	5.0	12: 3	27: 9	28: 3	4 JUN	3	4.0	1: 2	2: 1	14: 12
14 APR	3	4.5	5: 1	7: 2	14: 2				27: 21	28: 14	36: 2
			27: 8	28: 27	30: 11				47: 2		
			47: 3			5 JUN	3	4.0	27: 21	28: 67	30: 12
15 APR	3	5.0	14: 3	27: 4	28: 17				47: 2		
			30: 4	36: 3	47: 1	7 JUN	3	4.0	1: 1	27: 11	28: 42
16 APR	3	4.5	14: 9	27: 11	28: 26				30: 2		
			30: 2	47: 3		8 JUN	3	5.0	1: 1	27: 12	28: 19
18 APR	3	5.5	3: 2	7: 4	14: 15				30: 7	36: 2	47: 5
			20: 2	27: 18	140: 46	9 JUN	3	5.0	1: 3	14: 2	27: 11

APPENDIX TABLE 26.(CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---						DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---					
9 JUN	3	5.0+	28:	27	36:	5	47:	3	28 JUL	3	4.0+	6:	1	14:	9	27:	4
10 JUN	3	3.5	27:	2	28:	4	36:	16				28:	14	36:	4		
12 JUN	3	4.5	27:	2	28:	6			1 AUG	3	4.0	1:	2	6:	4	14:	3
16 JUN	3	5.0	14:	6	27:	11	28:	6				27:	8	28:	11	36:	2
			36:	4					2 AUG	3	4.5	1:	3	14:	16	27:	1
18 JUN	3	4.5	14:	4	27:	6	28:	3				28:	2	36:	1	42:	6
21 JUN	3	5.0	14:	2	27:	16	28:	27	3 AUG	3	5.0	1:	1	14:	8	27:	18
			36:	3								28:	27	36:	1	42:	3
22 JUN	3	5.0	14:	1	27:	19	28:	34	4 AUG	3	5.0	1:	1	2:	1	6:	1
23 JUN	3	4.0	5:	2	7:	1	14:	9				14:	17	27:	52	28:	47
			27:	32	28:	26	30:	6				30:	21	36:	3	42:	3
			36:	1	47:	1						54:	2				
24 JUN	3	4.5	14:	12	27:	19	28:	17	5 AUG	3	5.0	4:	2	14:	12	27:	11
			30:	4	36:	4	47:	6				28:	19	30:	15	36:	4
25 JUN	3	4.5	14:	3	27:	8	28:	22	7 AUG	3	4.0	1:	1	14:	1	27:	7
			30:	2	36:	9	47:	4				28:	8	30:	12	36:	3
26 JUN	3	5.0	14:	11	28:	1	30:	4				42:	1				
27 JUN	6	2.5	20:	1					10 AUG	3	5.0	1:	2	2:	1	14:	21
28 JUN	3	4.0	1:	1	2:	1	27:	6				20:	3	28:	1	30:	6
			28:	3	30:	4						36:	3	54:	3		
29 JUN	3	4.5	12:	1	14:	2	27:	17	11 AUG	3	4.0	1:	5	14:	26	27:	7
			28:	29	30:	3	36:	1				28:	3	30:	12	36:	2
			47:	2					17 AUG	3	5.0	14:	11	27:	9	28:	6
30 JUN	3	5.0	14:	2	27:	12	28:	36				30:	14				
			47:	3					18 AUG	3	4.5	14:	31	27:	12	28:	21
1 JUL	3	4.0	4:	1	5:	8	27:	4				36:	2				
			28:	39	47:	1			22 AUG	3	4.5	1:	2	7:	4	14:	4
11 JUL	3	5.0	1:	1	14:	3	27:	4				23:	1	27:	8	28:	3
			28:	19	36:	1	47:	2				36:	14				
12 JUL	3	5.0	1:	2	14:	2	27:	3	23 AUG	3	4.0	1:	2	7:	2	14:	37
			28:	6	36:	3	47:	2				27:	22	28:	9	36:	1
13 JUL	3	4.5	1:	1	14:	2	27:	2	24 AUG	3	4.0	11:	1	12:	1	14:	21
			28:	17	36:	4					27:	27	28:	2	30:	16	
14 JUL	3	5.0	1:	6	14:	4	27:	2				36:	1	47:	2		
			28:	27	36:	1			25 AUG	3	4.0	2:	3	14:	12	27:	17
19 JUL	3	4.0	1:	1	14:	28						28:	2	30:	21	36:	3
20 JUL	3	4.0	1:	4	14:	11	27:	9				42:	2				
			28:	12	36:	2			1 SEP	3	5.0	1:	1	6:	1	12:	1
21 JUL	3	4.5	1:	4	14:	12	27:	16				14:	16	27:	12	28:	27
			28:	34	36:	3						30:	5	36:	3		
25 JUL	3	5.0	1:	2	4:	1	6:	1	6 SEP	3	5.0	4:	1	7:	3	14:	2
			14:	8	27:	1	28:	2				27:	31	28:	16	30:	2
			36:	2								36:	1				
26 JUL	3	6.0	1:	6	2:	2	6:	2	7 SEP	3	4.0	1:	2	2:	2	7:	4
			14:	11	27:	17	28:	8				14:	27	27:	27	28:	33
			36:	4								30:	17	36:	5	42:	4
28 JUL	3	4.0	1:	6	2:	2	4:	1	8 SEP	3	4.0	1:	2	5:	3	14:	41

APPENDIX TABLE 26.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
8 SEP	3	4.0+	27: 52	28: 26	30: 16	13 OCT	3	4.5	1: 5	5: 8	7: 7		
			36: 4						12: 1	14: 24	17: 10		
12 SEP	3	4.0	5: 2	14: 19	27: 28				27: 42	28: 46	30: 6		
			28: 31	30: 3	36: 2	14 OCT	3	4.5	27: 6	28: 24			
13 SEP	3	4.5	1: 3	6: 1	7: 3	15 OCT	3	4.5	27: 6	28: 24			
			11: 1	13: 1	27: 58	18 OCT	3	4.5	7: 2	12: 1	14: 2		
			28: 19	30: 21	36: 8				27: 137	28: 94	30: 5		
14 SEP	3	3.5	1: 2	14: 2	27: 11	20 OCT	3	4.5	1: 9	5: 6	6: 1		
			28: 37	30: 8	36: 12				7: 6	12: 1	14: 1		
20 SEP	3	3.5	5: 3	6: 1	7: 24				27: 122	28: 55	30: 2		
			13: 1	14: 42	17: 7	21 OCT	3	4.5	1: 4	2: 1	4: 1		
			27: 27	28: 21	30: 7				5: 2	6: 1	14: 68		
			36: 11	42: 3					17: 14	20: 5	27: 30		
21 SEP	3	4.0	1: 1	5: 2	7: 3				30: 3				
			14: 27	17: 12	27: 16	24 OCT	3	4.5	7: 6	27: 64	28: 98		
			28: 38	30: 12	36: 7				30: 2	36: 10			
22 SEP	3	4.0	1: 1	7: 7	14: 4	25 OCT	3	4.0	5: 3	7: 3	14: 5		
			17: 7	27: 14	28: 9				27: 18	28: 46	30: 11		
			30: 3						36: 4	42: 8			
26 SEP	3	4.0	1: 2	2: 2	5: 7	3 NOV	3	4.5	4: 1	5: 2	12: 2		
			14: 18	27: 11	28: 1				14: 22	17: 1	27: 28		
			30: 3						28: 57	36: 8	42: 3		
27 SEP	3	4.0	7: 4	14: 18	17: 4				73: 16				
			20: 2	27: 41	28: 57	4 NOV	3	4.5	1: 1	3: 1	4: 2		
			30: 5	36: 3	63: 2				14: 28	27: 45	28: 75		
28 SEP	3	4.5	1: 1	7: 2	14: 63				36: 10	42: 6	73: 8		
			17: 32	20: 2	27: 84	7 NOV	3	4.0	3: 3	4: 22	5: 3		
			28: 11	30: 15	36: 3				14: 3	20: 1	27: 39		
29 SEP	3	4.5	1: 1	5: 1	7: 2				28: 225	36: 11	42: 1		
			14: 5	17: 10	20: 3	9 NOV	3	4.0	4: 8	5: 6	14: 3		
			27: 27	28: 61	30: 5				20: 1	27: 48	28: 190		
			36: 5						36: 5	73: 14			
4 OCT	3	4.5	2: 1	4: 2	13: 1	10 NOV	3	5.0	1: 12	2: 1	3: 1		
			14: 18	17: 3	27: 25				4: 9	14: 8	27: 8		
			28: 41	36: 7					28: 93	36: 1			
6 OCT	3	4.0	14: 5	17: 6	27: 26	11 NOV	3	4.0					
			28: 147	30: 12	36: 4	13 NOV	3	4.0	1: 30	2: 1	3: 1		
10 OCT	3	4.0	1: 2	5: 2	7: 1				4: 2	5: 3	8: 2		
			14: 8	17: 9	27: 24				27: 9	28: 191	36: 1		
			28: 65	30: 14	36: 3	15 NOV	3	4.0	1: 5	2: 1	3: 5		
11 OCT	3	4.0	1: 13	2: 1	5: 2				4: 6	5: 8	7: 15		
			7: 3	12: 2	14: 2				14: 1	27: 7	28: 141		
			17: 4	27: 18	28: 24	16 NOV	3	4.0	1: 7	2: 1	3: 2		
			30: 7						4: 10	5: 6	6: 2		
12 OCT	3	4.0	1: 3	5: 2	6: 2				7: 14	27: 22	28: 206		
			7: 2	14: 7	27: 7	17 NOV	3	4.5	1: 6	3: 2	4: 2		
			28: 58	30: 6					6: 2	7: 19	14: 1		

APPENDIX TABLE 26. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---		
17 NOV	3	4.5+	27: 34	28: 215		4 JAN	3	4.5	1: 1	4: 7	5: 15
18 NOV	3	5.0	1: 4	4: 1	6: 3				14: 22	27: 22	28: 126
			7: 6	27: 22	28: 100				36: 9		
23 NOV	3	4.0	1: 9	2: 1	3: 2						
			4: 7	5: 15	6: 6						
			7: 3	27: 19	28: 179						
			36: 3								
24 NOV	3	4.5	1: 2	2: 1	4: 2						
			5: 14	14: 1	27: 26						
			28: 220	36: 3							
25 NOV	3	4.5	1: 15	4: 5	5: 4						
			6: 1	7: 3	14: 1						
			27: 14	28: 107	36: 2						
26 NOV	3	5.0	1: 4	4: 2	5: 6						
			6: 1	14: 1	28: 87						
29 NOV	3	5.0	1: 1	4: 6	5: 4						
			14: 4	17: 1	27: 26						
			28: 236								
1 DEC	3	4.0	1: 5	5: 6	27: 12						
			28: 259	36: 1							
4 DEC	3	4.0	4: 4	5: 16	17: 3						
			27: 6	28: 97							
6 DEC	3	4.0	4: 13	5: 18	7: 2						
			14: 2	27: 32	28: 185						
			36: 2								
7 DEC	3	4.0	1: 1	4: 2	5: 28						
			6: 3	7: 4	14: 82						
			20: 1	27: 42	28: 162						
8 DEC	3	4.0	2: 1	3: 1	4: 1						
			6: 1	7: 1	17: 13						
			27: 43	28: 138							
11 DEC	3	4.0	5: 4	14: 4	17: 1						
			27: 17	28: 41							
15 DEC	3	4.5	1: 1	2: 1	4: 3						
			5: 28	7: 14	14: 9						
			27: 20	28: 66							
20 DEC	3	5.0	3: 2	4: 5	5: 21						
			7: 11	14: 1	16: 3						
			28: 70	36: 6							
23 DEC	3	4.5	4: 16	5: 24	14: 1						
			17: 1	27: 18	28: 96						
28 DEC	3	4.0	4: 16	5: 21	6: 1						
			7: 5	14: 3	27: 12						
			28: 92	36: 6							
29 DEC	3	4.5	4: 8	5: 67	7: 2						
			14: 3	17: 8	27: 11						
			28: 44								

APPENDIX TABLE 27. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM NORTH TEXAS

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
7 APR	3	2.0	3: 1	6: 1		9 JUN	3	6.5+	14: 12	36: 6	
14 APR	3	6.0	3: 1	4: 1	8: 2	14 JUN	6	7.0	1: 2	24: 4	36: 2
			14: 52	17: 2	51: 1	15 JUN	3	6.0	1: 3	8: 1	14: 5
			125: 1						24: 2	36: 5	
20 APR	3	8.0	2: 1	5: 10	14: 169	15 JUN	6	5.0	1: 4	36: 3	
			17: 5	20: 3	36: 2	16 JUN	3	6.5	1: 1	7: 37	8: 1
			51: 1						13: 5	24: 194	78: 1
21 APR	3	8.0	1: 1	5: 3	8: 2	24 JUN	3	7.0	1: 1	5: 5	24: 1
			14: 89	17: 2					29: 3		
4 MAY	3	7.0	5: 7	8: 4	12: 1	24 JUN	6	7.0	1: 1	3: 1	5: 12
			14: 119	125: 1					24: 3		
12 MAY	2	4.0	1: 2	3: 4	6: 1	25 JUN	3	5.5	1: 1	5: 2	13: 5
			12: 11						24: 43	29: 3	36: 5
18 MAY	3	1.0	11: 2	22: 1		26 JUN	6	7.0	12: 1	24: 3	36: 1
18 MAY	3	7.5	5: 30	13: 1	14: 140	27 JUN	6	6.0	1: 1	8: 2	24: 19
			20: 21						36: 2		
19 MAY	3	2.0	1: 1	11: 1	22: 1	28 JUN	6	7.0	1: 4	8: 3	12: 2
19 MAY	3	6.5	13: 12	14: 21	24: 153	29 JUN	3	6.5	1: 3	3: 3	5: 27
21 MAY	3	6.0	7: 40	14: 30	20: 12				8: 2	24: 13	36: 2
			24: 47			29 JUN	6	6.0	1: 3	8: 4	20: 1
25 MAY	2	4.0	6: 1	12: 1	24: 342				42: 1		
25 MAY	3	8.0	5: 70	13: 5	14: 1	30 JUN	6	7.0	1: 12	3: 3	8: 3
			24: 157	36: 20					24: 30		
26 MAY	2	8.0	1: 1	2: 1	6: 3	30 JUN	3	8.0	1: 1	3: 1	24: 38
			24: 402			2 JUL	6	5.0	1: 6	12: 1	
26 MAY	3	6.5	2: 1	13: 1	24: 70	3 JUL	6	7.0	1: 5	3: 2	8: 2
27 MAY	3	5.0	5: 30	14: 19	23: 24	4 JUL	3	5.0	1: 14	3: 1	36: 5
27 MAY	2	7.0	1: 6	2: 4	6: 2	4 JUL	6	4.0	1: 3	2: 1	13: 1
			7: 5	14: 12	24: 38	5 JUL	3	3.0	1: 2	36: 1	63: 1
1 JUN	3	0.5	2: 2	13: 2					91: 1		
1 JUN	2	5.0	1: 3	6: 1	36: 1	5 JUL	6	6.0	1: 7	2: 2	10: 1
2 JUN	3	6.0	55: 1			5 JUL	3	6.0	1: 6	6: 2	11: 4
2 JUN	3	5.0	1: 9	8: 46	36: 5				23: 2		
2 JUN	2	1.0	1: 6	36: 1		6 JUL	4	7.0	13: 3	14: 8	
6 JUN	3	6.0	1: 12	3: 1	7: 2	6 JUL	3	16.0	1: 6	6: 1	11: 8
			8: 1	10: 1					22: 1	24: 1	39: 1
7 JUN	2	8.0	1: 11	2: 17	6: 1	6 JUL	3	6.0	1: 8	2: 1	8: 7
			36: 8						12: 1	13: 4	24: 23
8 JUN	2	8.0	1: 26	2: 4	6: 6				36: 2	63: 7	
			24: 1	36: 10		7 JUL	3	5.5	1: 1	3: 1	5: 1
8 JUN	3	6.0	1: 4	2: 1	3: 3				12: 1	13: 6	14: 46
			12: 1						15: 1	18: 1	20: 2
9 JUN	2	6.0	1: 13	2: 3	3: 1	7 JUL	6	6.0	1: 4	8: 2	
			6: 4	24: 1		7 JUL	3	13.0	1: 1	11: 4	24: 1
9 JUN	6	4.0	1: 4	3: 1	8: 1	9 JUL	6	8.0	1: 18	24: 2	36: 3
			24: 2			10 JUL	6	7.0	1: 12	3: 1	
9 JUN	3	6.5	1: 16	3: 3	8: 4	11 JUL	3	6.0	1: 14	8: 3	21: 1

APPENDIX TABLE 2-7. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --							
11 JUL	3	6.0+	29:	1				30 JUL	2	2.0	1:	6	24:	10			
12 JUL	3	5.0	1:	9	3:	1	8:	2	30 JUL	6	7.0	1:	6	3:	1	24:	5
			29:	1					31 JUL	3	6.5	1:	35	3:	3	8:	15
12 JUL	6	8.0	1:	4	3:	2	8:	16				36:	19	78:	1		
13 JUL	4	5.0	1:	4	12:	2			1 AUG	6	6.0	1:	8	8:	3		
13 JUL	3	7.0	1:	49	3:	2	8:	29	1 AUG	3	5.5	1:	46	12:	4	24:	1
			24:	44	29:	2			2 AUG	3	4.0	1:	10	8:	19	12:	4
14 JUL	3	6.0	1:	9	3:	1						36:	2				
15 JUL	6	6.0	1:	6					2 AUG	6	8.0	1:	23	3:	2	8:	10
16 JUL	3	6.0	1:	11	3:	1	8:	9				12:	2				
			21:	1					3 AUG	3	6.5	1:	22	3:	3	8:	6
16 JUL	6	7.0	1:	4	3:	1						78:	2				
17 JUL	3	6.5	1:	9	3:	2			3 AUG	2	5.0	1:	5	3:	5		
18 JUL	6	6.0	1:	5	3:	3	8:	7	3 AUG	6	8.0	1:	7	3:	2		
			12:	3					4 AUG	2	5.0	1:	8	3:	4	8:	10
19 JUL	2	2.0	1:	2	3:	1			4 AUG	6	8.0	1:	18	3:	3	8:	10
19 JUL	6	9.0	1:	7	8:	4	12:	3				12:	3				
			29:	1					6 AUG	6	4.0	1:	1	3:	1	24:	1
20 JUL	3	6.0	1:	44	3:	5	8:	85				78:	1				
			13:	1	36:	2			7 AUG	6	7.0	1:	11	12:	4	24:	16
20 JUL	6	5.0	1:	3	24:	90			8 AUG	6	7.0	1:	17	3:	1	8:	8
20 JUL	2	5.0	1:	8	3:	7	24:	1	9 AUG	6	8.0	1:	14	3:	4	8:	3
21 JUL	3	6.5	1:	25	3:	5	8:	16				12:	3	36:	2		
			12:	1	36:	1	39:	1	10 AUG	2	5.0	1:	3				
21 JUL	2	9.0	1:	15	3:	8	6:	5	10 AUG	6	9.0	1:	7	3:	4	8:	4
			24:	1								24:	1				
22 JUL	6	6.0	1:	10	3:	4	8:	12	11 AUG	2	5.0	1:	10	22:	1	24:	20
23 JUL	3	6.0	1:	17	12:	1	24:	3	11 AUG	6	7.0	1:	6	3:	4		
23 JUL	6	5.0	1:	14	3:	7	8:	12	12 AUG	2	4.0	1:	2	24:	3		
			36:	6					16 AUG	6	3.0	1:	2				
24 JUL	6	7.0	1:	9	3:	2	8:	4	17 AUG	2	1.0	5:	2				
			12:	2	24:	30			18 AUG	6	7.0	1:	18	3:	7	8:	4
25 JUL	3	6.0	1:	8	3:	1	8:	6				12:	3				
25 JUL	6	7.0	1:	23	3:	2	8:	6	18 AUG	2	1.0	1:	2				
26 JUL	3	3.0	1:	62	8:	21			19 AUG	2	4.0	1:	6	24:	2		
26 JUL	6	5.0	1:	21	8:	12	24:	2	19 AUG	6	4.0	1:	3	24:	4		
26 JUL	2	2.0	1:	1	3:	2			19 AUG	3	7.5	1:	6	3:	2	5:	5
27 JUL	3	6.5	1:	103	2:	1	3:	4				8:	1	12:	1	14:	9
			8:	57	12:	1	24:	1	20 AUG	2	4.0	1:	6				
			25:	2	36:	5	39:	1	22 AUG	6	8.0	1:	4	8:	12	24:	14
27 JUL	2	2.0	1:	4	2:	2			23 AUG	6	7.0	1:	2	3:	2	55:	1
28 JUL	3	6.0	1:	24	3:	3	8:	25	23 AUG	3	4.0	8:	6				
			12:	1	24:	1	36:	10	24 AUG	3	3.0	1:	5	2:	1	24:	3
28 JUL	2	3.0	1:	2	3:	4	24:	16				63:	8				
28 JUL	6	5.0	1:	14	3:	5	8:	12	24 AUG	2	4.0	1:	6	6:	2	24:	6
			13:	1	24:	20			25 AUG	3	5.0	1:	1	3:	20	8:	1
29 JUL	2	2.0	1:	5	24:	6						24:	52				

APPENDIX TABLE 27.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			
25 AUG	2	2.0											
25 AUG	6	6.0	1:	3	12:	1	24:	4					
27 AUG	6	7.0	1:	3	3:	1	12:	2					
30 AUG	6	9.0	1:	1	8:	6	24:	2					
31 AUG	6	8.0	1:	4	3:	1	8:	2					
31 AUG	3	2.0	2:	2	13:	1	24:	6					
1 SEP	3	2.0	3:	2	12:	2	24:	1					
			36:	5									
2 SEP	6	4.0	1:	2	3:	2	8:	3					
			12:	1									
3 SEP	6	7.0	1:	5	12:	3							
7 SEP	3	2.5	5:	4									
8 SEP	3	2.0	2:	1	8:	8							
10 SEP	3	1.0	1:	1	13:	1							
13 SEP	3	2.0	2:	1	24:	13							
14 SEP	3	1.0											

APPENDIX TABLE 28. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM NORTH TEXAS

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---							
7 APR	3	4.0	14:	50	36:	1	11 AUG	3	6.0	1:	8	3:	3	7:	2		
4 MAY	3	7.0	8:	2	14:	16	20:	4		8:	17	12:	1	24:	1		
			56:	6					12 AUG	2	4.0	1:	29	3:	2		
5 MAY	1	5.0	7:	1	12:	3	14:	23	17 AUG	2	5.0	5:	33	13:	2		
			20:	17	56:	4						56:	15		14:	20	
10 MAY	1	6.0	12:	1	14:	18	20:	9	17 AUG	3	6.0						
			56:	3					18 AUG	2	5.0	13:	1	14:	25		
11 MAY	1	5.0	2:	1	12:	4	14:	4	19 AUG	2	2.0	2:	1	14:	15		
			20:	21	56:	1			20 AUG	2	3.0	14:	15				
12 MAY	2	3.0	1:	1	2:	1	7:	3	23 AUG	3	2.0	14:	3	36:	1	78:	3
			14:	16	20:	8	56:	2	24 AUG	2	2.0	14:	15				
13 MAY	2	6.0	2:	2	6:	3	12:	6	24 AUG	3	3.0	13:	3	14:	12		
			14:	28					25 AUG	2	4.0	14:	70				
18 MAY	3	16.0	1:	3	2:	4	6:	1	25 AUG	3	1.5	14:	24				
			7:	10	12:	1	13:	41	31 AUG	2	4.0	14:	87	24:	1		
			14:	148	16:	3	19:	1	31 AUG	3	4.5	14:	35	20:	3	36:	4
			20:	4					1 SEP	2	2.0	1:	1	14:	50		
19 MAY	3	10.0	1:	6	2:	2	6:	2	1 SEP	3	5.0	14:	23	20:	15		
			7:	4	13:	16	14:	96	7 SEP	1	6.0	28:	70	31:	9		
			16:	1	56:	6	77:	1	7 SEP	3	4.0	13:	6	14:	87	17:	2
			82:	1					8 SEP	3	4.0	13:	1	14:	19	78:	2
23 MAY	2	5.0	2:	1	14:	38	24:	21	10 SEP	3	4.0	14:	50	17:	1	78:	1
25 MAY	2	3.0	14:	81					13 SEP	3	4.0	14:	57	17:	1		
27 MAY	2	1.0							14 SEP	3	5.5	14:	28	28:	1		
5 JUL	3	6.0	1:	4	13:	30	14:	41	18 SEP	3	4.0	5:	6	14:	37	15:	1
			16:	1								63:	5				
6 JUL	3	8.0	1:	12	2:	1	6:	4	21 SEP	3	6.5	1:	1	5:	1	14:	22
			13:	16	14:	24	23:	2				15:	45	17:	1	63:	3
13 JUL	4	3.0	14:	6					22 SEP	3	4.5	3:	1	14:	81	15:	2
19 JUL	2	5.0	1:	9	6:	14						63:	3				
20 JUL	2	5.0	1:	9	6:	3			6 OCT	3	5.5	5:	2	14:	68	17:	1
26 JUL	2	4.0	14:	1	28:	21			14 OCT	6	7.0	14:	25	20:	12		
27 JUL	2	6.0	1:	13	3:	8	6:	65	20 OCT	2	5.0	14:	3	20:	3		
28 JUL	2	5.0	1:	10	2:	2	6:	120	27 OCT	6	6.5	14:	14	20:	8		
29 JUL	2	7.0	8:	30					8 NOV	3	5.5	14:	12	20:	5	28:	1
30 JUL	2	6.0	3:	5	8:	31						36:	1	63:	2		
3 AUG	2	1.0	8:	3	14:	1			9 NOV	3	6.0	14:	20	20:	1	28:	3
4 AUG	2	2.0	3:	5	14:	3			23 NOV	3	5.0	5:	1	14:	25	17:	1
4 AUG	3	7.0	1:	20	3:	3	8:	1				20:	2				
5 AUG	3	6.0	1:	2	3:	1	8:	3									
			36:	7													
8 AUG	3	6.0	1:	11	3:	1	8:	20									
9 AUG	3	6.5	1:	10	7:	1	8:	22									
			24:	1	36:	1	78:	3									
10 AUG	3	5.5	1:	2	7:	1	8:	11									
			36:	10	78:	8											
11 AUG	2	4.0	1:	2	14:	15											

APPENDIX TABLE 29. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM SOUTH TEXAS

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---							
17 APR	3	3.5	1:	4	7:	10	8:	15	6 JUN	2	5.5	1:	1	13:	2	14:	14
21 APR	3	4.0	6:	20	12:	9						20:	2	58:	1		
22 APR	3	4.0	6:	17	12:	6			7 JUN	6	5.0	20:	2	63:	12	72:	6
27 APR	3	6.0	7:	12	8:	26	12:	6	7 JUN	3	6.0	1:	10				
4 MAY	2	6.0	1:	12	12:	6	36:	5	7 JUN	2	6.0	1:	7	56:	1		
4 MAY	4	6.5	1:	6	2:	1	3:	1	8 JUN	2	7.0	1:	1	24:	19		
			12:	14	29:	1	56:	3	8 JUN	3	3.5	6:	6				
5 MAY	3	4.0	1:	3	6:	11	12:	5	8 JUN	2	6.0	1:	4	24:	1		
5 MAY	2	6.5	1:	3	12:	3	36:	5	8 JUN	6	5.0	2:	1	5:	1	20:	1
6 MAY	6	8.0	1:	1	6:	4						63:	8				
7 MAY	2	6.0	1:	12	12:	5	36:	6	8 JUN	3	5.0	1:	4	5:	1	13:	2
8 MAY	2	6.5	1:	8	8:	4	12:	6				14:	1	36:	2	78:	1
9 MAY	2	6.5	1:	17	12:	5	29:	3	9 JUN	1	6.5	1:	3	12:	1	24:	6
10 MAY	2	6.0	1:	23	8:	3	12:	6	9 JUN	3	4.0	6:	4				
16 MAY	3	5.0	1:	6	7:	18	8:	5	9 JUN	3	6.0	1:	2	13:	1	14:	6
			12:	4								20:	5				
17 MAY	2	5.0	1:	5	12:	5	36:	3	10 JUN	3	4.0	6:	1				
17 MAY	4	6.0	1:	2	12:	1	56:	1	11 JUN	2	5.0	1:	12	24:	1	72:	1
18 MAY	2	3.0	12:	2					11 JUN	3	3.5	1:	1	6:	4	12:	1
19 MAY	2	4.0	6:	5	12:	1			12 JUN	1	3.0	1:	1				
19 MAY	2	3.5	12:	5					12 JUN	2	4.5	1:	6	39:	1		
20 MAY	3	3.5	6:	1					12 JUN	3	3.5	1:	3	6:	4		
22 MAY	2	5.0	12:	3					12 JUN	2	6.0	1:	2	13:	42	20:	2
23 MAY	2	1.5							14 JUN	1	3.5	1:	1	24:	34	36:	3
24 MAY	2	6.5	1:	8	36:	9			14 JUN	3	4.0	22:	1	24:	1		
25 MAY	2	6.0	1:	2	36:	13			15 JUN	1	6.0	1:	1	36:	4		
25 MAY	2	6.0	1:	7	8:	1	24:	1	15 JUN	3	6.0	2:	1	5:	4	13:	27
			35:	1	56:	1						20:	2	24:	10		
26 MAY	6	7.0	1:	4	12:	1	24:	1	15 JUN	3	5.0	1:	1	6:	1	8:	1
26 MAY	2	5.0	1:	15	2:	1	8:	2				22:	1	24:	2		
			29:	1					16 JUN	6	4.0	56:	2				
26 MAY	6	5.0	6:	8	24:	1			16 JUN	3	6.0	1:	1	13:	14	36:	12
26 MAY	3	5.5	1:	2	7:	15	13:	1	17 JUN	3	2.0	2:	1	5:	1		
			36:	1					23 JUN	6	3.5						
27 MAY	2	2.5	1:	1					23 JUN	3	3.5	6:	11				
27 MAY	2	2.5	1:	4					23 JUN	3	5.5	1:	1	2:	1	36:	1
28 MAY	2	1.5							24 JUN	3	3.5	6:	3				
31 MAY	3	4.0	1:	4					27 JUN	3	4.5	2:	1	11:	1	13:	1
1 JUN	2	6.0	1:	2	12:	1						56:	2	75:	1		
1 JUN	3	5.0	1:	1	13:	7	24:	10	28 JUN	3	4.0	2:	1				
1 JUN	6	8.0	1:	3					28 JUN	3	9.5	8:	3	22:	1		
2 JUN	2	4.0							28 JUN	2	4.0	12:	1				
2 JUN	2	6.0	1:	2	8:	1	12:	1	29 JUN	2	3.5						
			36:	2	78:	1			29 JUN	2	3.5	56:	1				
4 JUN	2	3.0							29 JUN	2	4.0	1:	2	56:	9		
5 JUN	2	5.0	5:	5	20:	1	36:	1	29 JUN	3	9.5	8:	1	13:	1	22:	2
			118:	1								24:	1				

APPENDIX TABLE 29.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
30 JUN	2	1.0				13 JUL	3	6.0	1: 19	3: 1	8: 2
30 JUN	3	4.5	1: 1	2: 1	11: 1			36: 1			
			56: 1			14 JUL	3	4.5	1: 14	8: 8	12: 2
30 JUN	2	5.0	1: 1	3: 1	29: 1			29: 2			
1 JUL	2	2.5				14 JUL	2	6.0	1: 2	3: 1	
2 JUL	3	4.5	1: 3	14: 1	36: 8	14 JUL	3	6.0	1: 15	8: 2	12: 1
2 JUL	2	2.0				15 JUL	3	4.0	1: 6	6: 1	
2 JUL	3	4.5	1: 11	8: 1	56: 3	15 JUL	3	4.0	1: 2	6: 29	
3 JUL	2	6.0	1: 4			15 JUL	3	2.5	1: 16	8: 1	
3 JUL	3	5.0	1: 1	7: 8	12: 1	15 JUL	3	6.0	1: 6	8: 2	24: 1
			13: 1	118: 1		16 JUL	3	5.0	1: 10	12: 1	78: 1
3 JUL	3	4.5	1: 5			16 JUL	2	5.0	1: 8	12: 2	
4 JUL	2	7.0	1: 4			17 JUL	6	4.5	1: 10	12: 1	
4 JUL	3	4.5	1: 1	6: 1	12: 4	17 JUL	3	3.0	6: 18	7: 10	
5 JUL	2	3.0	1: 3			18 JUL	3	4.0	1: 5	6: 11	
5 JUL	3	9.0	5: 5	11: 1	13: 1	18 JUL	3	6.0	1: 20	8: 2	78: 1
			21: 1	22: 2		18 JUL	2	4.0	1: 16	2: 3	12: 2
5 JUL	3	4.0	1: 1	3: 2	6: 7	19 JUL	2	6.0	1: 3	8: 2	12: 2
5 JUL	3	1.0	1: 2	56: 1		19 JUL	3	6.0	1: 6	8: 1	
6 JUL	2	7.0	1: 9	39: 1		19 JUL	2	5.0	1: 5		
6 JUL	2	4.5	1: 15	3: 2	29: 1	19 JUL	3	7.5	1: 5	3: 1	6: 31
			56: 6					7: 21	24: 1		
6 JUL	3	6.0	1: 1	13: 1	14: 2	19 JUL	2	4.0	1: 24	3: 2	
			36: 5			20 JUL	2	5.0	1: 8	8: 1	
6 JUL	3	3.5	1: 5	3: 1	6: 10	20 JUL	2	6.0	1: 4	12: 1	
7 JUL	2	4.5	1: 7	2: 2	3: 2	20 JUL	2	4.5	1: 26		
			56: 3			20 JUL	3	6.5	1: 7	6: 28	7: 16
8 JUL	6	4.5	1: 4	56: 1		20 JUL	3	5.0	1: 2	5: 2	
9 JUL	3	9.0	1: 2	7: 1	11: 1	21 JUL	2	6.0	1: 8	8: 2	12: 2
			13: 1	14: 2	24: 21	21 JUL	2	4.0	1: 4	6: 1	
9 JUL	3	4.0	1: 5	2: 1		21 JUL	3	6.0	1: 3	8: 1	
9 JUL	3	6.0	1: 2	8: 3	12: 1	21 JUL	2	4.5	1: 22		
10 JUL	3	6.0	1: 14	12: 1		21 JUL	3	4.0	1: 19		
11 JUL	2	7.0	1: 27	8: 2	12: 1	22 JUL	2	6.0	1: 7		
			56: 1			22 JUL	2	4.0	1: 4		
11 JUL	3	4.0	1: 11	14: 5	37: 1	22 JUL	2	3.5	1: 9	2: 1	
11 JUL	3	9.0	1: 14	8: 5	11: 2	22 JUL	3	8.0	1: 2	6: 32	7: 8
			12: 1	13: 3	14: 1			22: 1	23: 1	68: 1	
12 JUL	3	3.5	1: 5	6: 3	12: 3	23 JUL	2	3.0	1: 3	8: 1	
12 JUL	3	6.0	1: 11			23 JUL	3	2.5	1: 7		
12 JUL	3	2.5	1: 5	8: 1	12: 2	23 JUL	2	6.0	1: 3	3: 1	20: 1
			37: 6			23 JUL	3	4.0	24: 1		
13 JUL	3	2.0				24 JUL	3	3.5	6: 15	24: 3	
13 JUL	3	10.0	6: 43	7: 15	23: 7	24 JUL	2	7.0	1: 6	24: 1	
			24: 5			25 JUL	2	5.0	1: 1	8: 1	
13 JUL	2	3.0	1: 1			25 JUL	3	1.5	1: 2		
13 JUL	3	5.0	1: 18	8: 2	12: 2	25 JUL	2	4.0	1: 7		

APPENDIX TABLE 29. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
25 JUL	2	6.0	1:	5	3:	1	5 AUG	2	6.0	1:	5		
25 JUL	3	6.0	1:	10	36:	1	5 AUG	6	4.0	1:	1	20:	2
26 JUL	3	6.0	1:	5	36:	1	5 AUG	2	7.0	1:	5	8:	3
26 JUL	2	5.0	1:	3	12:	1	5 AUG	3	3.5	1:	1	6:	9
26 JUL	2	4.5	1:	10	3:	1	29:	1	6 AUG	2	4.5	1:	13
			56:	4	63:	1	6 AUG	2	7.0	1:	4	24:	1
26 JUL	3	4.0	6:	18	24:	1	7 AUG	3	4.0	1:	7	6:	11
27 JUL	3	6.0	1:	6	3:	4	13:	1	7 AUG	2	4.5	1:	8
27 JUL	2	4.5	1:	10	3:	2	8:	1	8 AUG	2	4.0	1:	21
			56:	3					8 AUG	2	5.0	1:	3
27 JUL	3	8.0	6:	21	23:	1	8 AUG	2	5.0	1:	6	36:	11
27 JUL	3	8.0	8:	1	13:	2	23:	1	8 AUG	2	6.0	1:	11
28 JUL	2	4.0	1:	2					9 AUG	6	4.5	1:	7
28 JUL	3	6.0	1:	5	2:	1	9 AUG	3	11.0	21:	2	24:	1
28 JUL	2	6.0	1:	5	56:	15	9 AUG	2	1.0				
28 JUL	2	4.5	1:	19	56:	1	9 AUG	2	6.0	1:	6	12:	2
28 JUL	3	4.0	6:	7					10 AUG	2	6.0	1:	3
29 JUL	2	4.0	1:	20	2:	1	3:	1				36:	13
			56:	3					10 AUG	2	5.0	1:	4
29 JUL	3	3.5	6:	8	7:	1			10 AUG	2	6.0	1:	9
29 JUL	2	3.0	1:	4					10 AUG	3	8.0	35:	1
29 JUL	2	6.0	1:	7					10 AUG	2	4.0	1:	22
30 JUL	2	5.0	1:	16	5:	2	20:	1	11 AUG	2	3.5	1:	19
30 JUL	3	3.5	6:	4	7:	23			12 AUG	2	3.0	1:	25
30 JUL	2	5.0	1:	4					12 AUG	2	2.0		
30 JUL	2	7.0	1:	6	24:	1			13 AUG	2	6.0	1:	8
31 JUL	3	6.0	1:	7					13 AUG	2	2.5	1:	15
31 JUL	3	6.0	1:	1	3:	1	12:	1	13 AUG	2	6.0	1:	16
			36:	13					14 AUG	3	7.5	6:	57
31 JUL	6	4.0	1:	5	8:	5	12:	7				24:	1
			20:	1	63:	1			14 AUG	2	3.0	1:	4
1 AUG	2	6.0	8:	4	12:	3	24:	1	14 AUG	2	3.0	1:	3
			56:	1					14 AUG	2	2.5	1:	20
1 AUG	2	4.0	1:	12	3:	3	20:	2	15 AUG	2	3.0		
			63:	1					15 AUG	3	3.5	6:	23
2 AUG	3	12.0							16 AUG	3	4.0	1:	2
2 AUG	2	4.5	1:	8	56:	1			16 AUG	6	7.0		
2 AUG	2	7.0	1:	4	8:	2			16 AUG	3	7.0	1:	6
3 AUG	2	3.5	1:	14	14:	2	30:	1				7:	7
			90:	6					17 AUG	3	4.5	1:	8
3 AUG	3	10.0	24:	1								8:	1
3 AUG	2	6.0	1:	1	8:	19	12:	1	17 AUG	3	4.0	6:	31
3 AUG	2	3.0							17 AUG	2	3.0	24:	3
3 AUG	2	6.0	1:	2	3:	2	24:	11	17 AUG	2	5.0	1:	1
4 AUG	2	7.0	1:	12	8:	1			18 AUG	2	1.0	3:	2
4 AUG	2	5.5	1:	2	2:	1	6:	1	18 AUG	2	3.0	1:	4
			24:	3	78:	1			18 AUG	3	4.5	1:	8
												8:	1
												12:	2

APPENDIX TABLE 29.(CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---					
18 AUG	3	4.5+	24:	2	56:	18	31 AUG	3	4.0	6:	27	7:	3	24:	1
18 AUG	3	4.0	1:	1	6:	29	1 SEP	3	3.0	1:	16	8:	1	75:	1
19 AUG	3	4.0	1:	1	12:	4	24:	6	1 SEP	3	5.0	8:	1		
			56:	5					2 SEP	3	5.5	6:	15	7:	1
19 AUG	2	6.0	1:	5	12:	1	36:	5	2 SEP	3	3.0	1:	14		
19 AUG	2	2.0							10 SEP	3	4.5	6:	17	23:	1
20 AUG	3	4.0	3:	1	6:	14	24:	4	12 SEP	3	2.0	1:	5	24:	10
20 AUG	3	6.0	1:	3	8:	3	12:	3	12 SEP	3	7.5	6:	35	23:	5
			24:	1	36:	3			16 SEP	3	5.0	24:	30		9
20 AUG	3	4.5	1:	5	12:	4	23:	1	20 SEP	3	2.0	8:	6		
			29:	1	56:	6									
21 AUG	3	4.5	1:	2	8:	4	23:	2							
			29:	1											
21 AUG	2	5.0	1:	8											
21 AUG	3	6.0	1:	20	13:	3	23:	1							
			56:	1											
22 AUG	3	2.0	1:	3											
22 AUG	2	5.0	1:	6	36:	1									
22 AUG	3	4.0	1:	21											
22 AUG	3	4.0	1:	5	24:	1	56:	7							
23 AUG	3	4.5	1:	16	56:	1									
23 AUG	3	8.5	6:	31	23:	8	24:	11							
			39:	1											
23 AUG	3	2.5													
23 AUG	3	6.0	1:	15	7:	1	56:	1							
24 AUG	3	5.5	1:	2	24:	1									
24 AUG	3	7.0	1:	10											
24 AUG	3	4.5	1:	11	23:	1	29:	1							
24 AUG	3	7.5	1:	1	6:	59	23:	1							
			24:	7											
24 AUG	3	8.0	1:	1	24:	1									
25 AUG	3	5.0	1:	14	8:	10	13:	1							
25 AUG	2	6.0	1:	12											
25 AUG	3	4.5	1:	18	12:	8	29:	1							
			56:	12											
26 AUG	2	4.0	1:	2	6:	1									
27 AUG	6	5.5	1:	3	12:	1									
27 AUG	3	4.0	1:	13	12:	5	23:	1							
			24:	2											
27 AUG	2	4.0	1:	2											
28 AUG	3	6.0	1:	6	12:	1	24:	3							
30 AUG	3	4.0													
30 AUG	2	4.0	1:	5	12:	1									
31 AUG	2	4.0													
31 AUG	3	6.0													
31 AUG	3	3.0	1:	12	8:	1	23:	1							
			29:	1											

APPENDIX TABLE 30. CONTRACTED 1985 NON-TROLLING CATCH AND EFFORT FROM SOUTH TEXAS

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---						
12 APR	1	4.5	4:	2	31:	28	70:	1	29 JUN	2	2.0						
			90:	3					30 JUN	3	2.0	14:	21	36:	2	63:	14
13 APR	1	5.0	4:	5	31:	22	90:	1	30 JUN	2	4.0	1:	2	29:	6		
19 APR	1	5.5	4:	11	31:	5	70:	10	1 JUL	2	4.5	1:	2				
			90:	1					2 JUL	2	3.5	6:	1	29:	1		
20 APR	1	5.5	4:	12	30:	3	31:	7	3 JUL	2	1.0	1:	1				
			70:	4	90:	2			5 JUL	3	3.0	5:	2	7:	3	14:	36
21 APR	1	6.0	4:	7	30:	3	31:	9				30:	1	41:	1	67:	1
			70:	1								72:	1	118:	4		
26 APR	1	5.5	4:	4					5 JUL	2	4.0	1:	2	24:	3	29:	1
27 APR	1	5.5	4:	3					12 JUL	3	3.5	1:	4	29:	4		
4 MAY	2	0.5	14:	2					13 JUL	3	3.0	1:	3				
8 MAY	1	4.5	4:	9					15 JUL	3	2.0						
9 MAY	1	5.0	4:	10					16 JUL	2	2.0	1:	1				
11 MAY	1	5.0	4:	8	31:	2	34:	2	16 JUL	1	4.5	4:	9	9:	1	30:	2
			43:	1								31:	11	90:	4		
12 MAY	1	5.0	4:	1					19 JUL	2	2.0	2:	1	6:	2	29:	3
15 MAY	1	4.5	4:	11	34:	1			20 JUL	2	1.5						
16 MAY	1	6.0	4:	7					21 JUL	2	2.0	1:	1				
18 MAY	1	6.0	4:	6					22 JUL	2	0.5						
19 MAY	1	4.0	4:	2	34:	1			23 JUL	2	1.0						
19 MAY	2	1.0	29:	1					24 JUL	2	1.0						
20 MAY	1	4.5	4:	6					28 JUL	2	3.0	1:	2	78:	1	107:	1
22 MAY	2	1.0	36:	1					29 JUL	2	1.0	1:	1				
22 MAY	1	6.0	4:	5					31 JUL	3	0.5						
23 MAY	1	5.0	4:	4					3 AUG	2	3.0	1:	2	8:	1	29:	13
24 MAY	1	5.5	4:	7								78:	1				
30 MAY	1	5.0	4:	17					5 AUG	2	1.0						
31 MAY	1	5.5	4:	26					8 AUG	2	1.0	1:	1				
1 JUN	2	6.0	9:	2	27:	3	58:	10	9 AUG	2	4.0	1:	2	6:	5	12:	1
			90:	2					10 AUG	2	2.0	1:	2				
2 JUN	1	5.0	4:	7					12 AUG	2	5.0	1:	8				
3 JUN	1	5.0	4:	15					13 AUG	2	1.0						
4 JUN	1	3.0	4:	2					16 AUG	6	5.0						
6 JUN	1	5.5	4:	2	31:	6	90:	3	17 AUG	2	2.0	12:	1				
9 JUN	1	3.0	4:	25	20:	1	30:	2	18 AUG	2	2.0	90:	2				
			31:	3	43:	1			19 AUG	2	1.0						
10 JUN	1	3.0	4:	19	9:	1	30:	1	21 AUG	2	2.0	1:	2	36:	6		
			31:	1					22 AUG	3	1.0	1:	2				
13 JUN	1	5.0	4:	36					23 AUG	3	1.0						
14 JUN	1	2.0	4:	1					24 AUG	3	1.0	1:	1				
15 JUN	1	6.0	4:	7					30 AUG	1	4.0	4:	3	9:	6	27:	1
23 JUN	6	3.5										31:	14	90:	1		
26 JUN	1	5.0	4:	7	9:	4	34:	1	30 AUG	3	3.0	14:	3				
28 JUN	2	1.0							31 AUG	3	1.0						
28 JUN	1	5.0	4:	6	30:	3	31:	5	10 SEP	1	4.0	4:	3	9:	11	12:	2
			90:	4					19 SEP	1	4.0	4:	6	9:	5	31:	5

APPENDIX TABLE 31. CONTRACTED 1985 TROLLING CATCH AND EFFORT FROM U.S. CARIBBEAN

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --						
2 JAN	3	7.0	1:	1	6:	1	11:	2	19 JAN	3	7.5						
2 JAN	3	7.0	1:	2	6:	6	11:	3	19 JAN	3	6.0						
2 JAN	3	2.0							19 JAN	3	3.5	6:	1	11:	2	25:	1
3 JAN	3	2.5	21:	1	24:	1	38:	1	20 JAN	3	6.0						
3 JAN	3	6.0	6:	3	11:	1			20 JAN	3	7.5	1:	2	6:	1	11:	2
3 JAN	3	7.5	1:	1	6:	3	11:	1				21:	1	23:	1		
			25:	1					20 JAN	3	3.5	1:	1	11:	1		
4 JAN	3	7.5	6:	3	11:	1	23:	1	21 JAN	3	6.0						
4 JAN	3	3.0							21 JAN	3	3.5						
4 JAN	3	3.5	1:	4	6:	5			21 JAN	3	7.5	1:	1	6:	4	25:	1
5 JAN	3	6.0							22 JAN	3	6.0						
5 JAN	3	7.5	1:	1	6:	3	21:	5	22 JAN	3	7.5	6:	2				
			22:	1	23:	3	68:	1	22 JAN	3	3.5	11:	5	12:	1		
5 JAN	3	3.5	1:	1	6:	1	11:	2	23 JAN	3	6.0						
6 JAN	3	7.5	6:	11	21:	1	22:	1	23 JAN	3	3.5	25:	2	39:	1	74:	1
			23:	1	39:	1			24 JAN	3	3.5	1:	1	6:	1	11:	1
6 JAN	3	3.5	1:	1	6:	2						25:	2				
6 JAN	3	3.0							24 JAN	3	7.5	1:	1	6:	4	23:	2
7 JAN	3	7.0	24:	1					25 JAN	3	7.0	21:	3	23:	2		
7 JAN	3	3.5	1:	1	6:	8	11:	1	25 JAN	3	7.5	1:	1	6:	2	11:	3
			22:	1	25:	1	86:	1				25:	2	103:	1		
7 JAN	3	7.5	1:	1	6:	2	11:	1	25 JAN	3	7.0	1:	1	6:	1		
			21:	1	22:	1			26 JAN	3	7.0	21:	8				
8 JAN	3	6.5	21:	22	68:	3			27 JAN	3	7.5	6:	3				
8 JAN	3	3.0	1:	1	6:	2			27 JAN	3	7.0	21:	1				
9 JAN	3	7.5	6:	2	24:	2			28 JAN	3	3.5	1:	3	22:	1		
9 JAN	3	7.0	24:	3					28 JAN	3	6.0						
10 JAN	3	3.5	1:	2	8:	1	11:	1	28 JAN	3	3.5	6:	2	11:	5	57:	2
10 JAN	3	7.0							29 JAN	3	6.0	11:	1	25:	1		
11 JAN	3	6.0							29 JAN	3	6.0	21:	1	24:	2		
11 JAN	3	3.5	1:	3	6:	1	11:	1	30 JAN	3	6.0	21:	4	68:	6		
12 JAN	3	6.0							30 JAN	3	3.5	11:	1				
12 JAN	3	3.5	1:	1	6:	1	23:	1	31 JAN	3	6.0	21:	7				
13 JAN	3	7.0	6:	2	11:	1	13:	1	31 JAN	3	6.0	1:	1	11:	3	25:	1
13 JAN	3	6.0							31 JAN	3	3.5	1:	1	6:	1	39:	1
14 JAN	3	6.0	24:	2					1 FEB	3	6.0	21:	2	24:	3	68:	7
15 JAN	3	7.5	1:	1	6:	1	24:	1	1 FEB	3	7.0	1:	2				
			25:	1					1 FEB	3	3.5	11:	1				
16 JAN	3	4.0	22:	2	24:	1			2 FEB	3	6.0	21:	4	24:	4	68:	11
16 JAN	3	3.5	11:	1					2 FEB	3	6.0	1:	3	6:	2	11:	2
16 JAN	3	3.5	1:	1	22:	1	25:	1				25:	1				
17 JAN	3	6.5	24:	4	55:	2			2 FEB	3	3.5	1:	1	11:	1		
17 JAN	3	3.5							3 FEB	3	3.0	24:	1				
18 JAN	3	6.0							3 FEB	3	7.5	6:	2	22:	1	38:	1
18 JAN	3	3.5	11:	5	25:	1			4 FEB	3	6.0	24:	7				
18 JAN	3	3.5	6:	1	22:	1	23:	1	5 FEB	3	7.5	1:	1	23:	2		
			25:	1					5 FEB	3	6.0	24:	7				

APPENDIX TABLE 31. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---		
5 FEB	3	7.5	1: 1	6: 2	7: 1	23 FEB	3	4.0			
			11: 3			23 FEB	3	3.5	6: 1	11: 1	25: 1
6 FEB	3	6.0	24: 1			23 FEB	3	7.5	1: 3		
6 FEB	3	7.5	1: 1	11: 2	21: 1	24 FEB	3	7.5	1: 1	11: 3	74: 1
			23: 1			24 FEB	3	7.5	11: 1		
7 FEB	3	6.0				24 FEB	3	3.5	11: 1	24: 3	
7 FEB	3	8.0	1: 1	6: 1	11: 2	25 FEB	3	4.5	1: 3	6: 2	11: 1
			24: 1						25: 1		
7 FEB	3	7.5	1: 1	6: 1	11: 1	25 FEB	3	6.0			
			13: 1	22: 1		26 FEB	3	7.0	25: 1		
8 FEB	3	7.0	38: 1	68: 3		26 FEB	3	6.0			
8 FEB	3	7.0	1: 2	6: 4	11: 2	27 FEB	3	5.0			
			86: 2			27 FEB	3	7.5			
8 FEB	3	7.5	1: 2	6: 3		28 FEB	3	7.0	24: 4		
9 FEB	3	3.0	68: 4			28 FEB	3	7.5	11: 2		
9 FEB	3	3.5	1: 1			28 FEB	3	3.5	11: 5		
10 FEB	3	8.0	1: 2	6: 1	11: 1	1 MAR	3	7.0	24: 2		
			22: 2	24: 2		1 MAR	3	7.5	1: 2		
10 FEB	3	3.0	24: 2			1 MAR	3	7.5	1: 1		
10 FEB	3	7.5	1: 1	8: 3	11: 1	2 MAR	3	3.5	6: 3	11: 1	86: 1
			25: 2			2 MAR	3	6.0			
11 FEB	3	3.0				3 MAR	3	3.5	1: 2	11: 1	74: 1
11 FEB	3	7.5	1: 1	6: 2					86: 2		
11 FEB	3	3.5	6: 1	11: 1	25: 3	3 MAR	3	3.5			
			57: 1			3 MAR	3	6.5	24: 2		
12 FEB	3	3.0				4 MAR	3	3.0			
12 FEB	3	7.5	6: 2	55: 1		4 MAR	3	3.5	1: 4	6: 1	11: 1
12 FEB	3	7.5	1: 1	11: 1	24: 1				86: 2		
			25: 1			4 MAR	3	7.0	1: 2		
13 FEB	3	6.0				5 MAR	3	6.0			
13 FEB	3	7.5	24: 2	25: 1		5 MAR	3	7.5	22: 1	24: 2	68: 1
13 FEB	3	7.5	6: 1	22: 1		6 MAR	3	7.5	1: 2		
14 FEB	3	3.5	22: 1			6 MAR	3	7.0	24: 2		
14 FEB	3	6.0				7 MAR	3	6.0	24: 1		
15 FEB	3	7.5				7 MAR	3	7.5	1: 2	11: 1	22: 1
15 FEB	3	6.0	38: 1			7 MAR	3	3.5	11: 1		
16 FEB	3	3.5				8 MAR	3	6.0	21: 6		
17 FEB	3	5.0	38: 1			8 MAR	3	7.5	6: 1	24: 2	
18 FEB	3	7.0				8 MAR	3	7.5	11: 2	22: 1	25: 2
19 FEB	3	3.5	1: 2	6: 2	11: 2	9 MAR	3	7.0			
20 FEB	3	6.0				9 MAR	3	8.0	1: 2	6: 8	11: 4
20 FEB	3	3.5	1: 1	6: 4	25: 2				74: 1		
21 FEB	3	3.0				9 MAR	3	7.5	11: 2	23: 1	
21 FEB	3	7.0	1: 3	6: 2		10 MAR	3	3.0	24: 1		
21 FEB	3	7.5	1: 2	6: 2	11: 2	10 MAR	3	7.5	1: 2	6: 2	25: 1
			25: 1			11 MAR	3	6.0	11: 2	22: 1	24: 1
22 FEB	3	6.0				11 MAR	3	3.0			

APPENDIX TABLE 31. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
11 MAR	3	3.5	1: 1	11: 1	21: 1	31 MAR	3	3.0			
			39: 1			1 APR	3	7.0			
12 MAR	3	7.0				1 APR	3	6.0	24: 1	68: 1	
12 MAR	3	6.0	1: 2	24: 1		2 APR	3	3.0			
13 MAR	3	7.0	1: 1	6: 1	11: 1	2 APR	3	7.0	11: 2	23: 1	25: 2
			22: 1	25: 2		3 APR	3	3.0			
13 MAR	3	6.5	24: 7			3 APR	3	3.5	22: 1	23: 1	25: 3
14 MAR	3	7.5	1: 1	6: 1		4 APR	3	7.0	1: 1	25: 3	
14 MAR	3	6.0				5 APR	3	7.0	11: 2	24: 5	
15 MAR	3	6.0				5 APR	3	3.0			
15 MAR	3	7.0	11: 5	25: 1		6 APR	3	3.0	38: 1		
15 MAR	3	7.0	1: 3	11: 1	25: 1	6 APR	3	7.0	11: 1		
16 MAR	3	3.0				7 APR	3	4.0			
16 MAR	3	3.5				7 APR	3	7.5	22: 11	24: 6	
17 MAR	3	7.0	1: 3			8 APR	3	7.0	1: 2	11: 1	24: 1
17 MAR	3	3.0							68: 1		
18 MAR	3	3.5	1: 2	11: 1	13: 1	9 APR	3	3.0			
18 MAR	3	6.0				10 APR	3	7.5	1: 4		
19 MAR	3	7.0	21: 6	23: 2	68: 17	10 APR	3	3.0			
19 MAR	3	4.5	1: 4	6: 2		11 APR	3	7.5	6: 1	11: 1	22: 9
19 MAR	3	3.5	11: 1						24: 18	25: 1	
20 MAR	3	6.0	21: 2	68: 9		12 APR	3	3.5			
20 MAR	3	3.5	1: 1	11: 1	74: 2	12 APR	3	6.0			
			78: 1	86: 1		13 APR	3	7.0	24: 1		
21 MAR	3	7.0				13 APR	3	6.0	24: 7		
21 MAR	3	7.5	11: 2	22: 1		14 APR	3	7.5	24: 3	25: 1	
21 MAR	3	3.5	1: 2			15 APR	3	7.5	6: 1	11: 3	22: 1
22 MAR	3	6.0	21: 3	68: 3		15 APR	3	6.0	24: 8	55: 1	
22 MAR	3	7.5	1: 2			16 APR	3	6.0			
23 MAR	3	7.0	21: 4	68: 14		17 APR	3	3.0			
23 MAR	3	7.5	1: 3	6: 1	25: 1	17 APR	3	7.0	11: 1	24: 5	
24 MAR	3	6.0	21: 16			18 APR	3	7.0	1: 2		
24 MAR	3	4.5	1: 1	6: 1		19 APR	3	3.0			
24 MAR	3	8.0	1: 4	6: 1	22: 1	19 APR	3	6.0	1: 1		
			23: 1			20 APR	3	6.0			
25 MAR	3	7.0	1: 6	11: 2	25: 1	20 APR	3	3.5	1: 7	11: 1	
25 MAR	3	6.0	21: 3	68: 6		21 APR	3	3.5	1: 2		
26 MAR	3	6.0				21 APR	3	6.0	38: 1		
26 MAR	3	7.0	1: 2			22 APR	3	3.0			
26 MAR	3	7.0	1: 3	11: 2	22: 1	22 APR	3	7.0	1: 5		
28 MAR	3	5.0	1: 1	11: 4	25: 2	23 APR	3	3.0			
29 MAR	3	7.0	6: 3	11: 1	68: 2	23 APR	3	7.5	6: 1	11: 2	24: 1
29 MAR	3	3.0							25: 1		
30 MAR	3	7.0	1: 1	6: 1	11: 2	24 APR	3	7.0	21: 1	24: 1	
			74: 1			24 APR	3	7.5	1: 2	6: 2	
30 MAR	3	3.5	25: 1			25 APR	3	6.0	24: 2	55: 1	
31 MAR	3	7.5	11: 1	24: 2	25: 1	25 APR	3	3.5	1: 2	6: 2	

APPENDIX TABLE 31.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
26 APR	3	7.0	1:	7	11:	4	24 MAY	3	7.0	38:	1		
26 APR	3	6.0					25 MAY	3	7.0				
27 APR	3	6.0	24:	1			25 MAY	3	7.5	1:	1	6:	1 25:
28 APR	3	3.5	1:	3	11:	1 25:	1		68:	1			
28 APR	3	3.0					26 MAY	3	6.0	55:	1		
29 APR	3	3.0	24:	1			26 MAY	3	7.5	6:	2 21:	1	
30 APR	3	6.0					26 MAY	3	7.5	1:	1 6:	1 24:	1
30 APR	3	3.5	1:	3					25:	1			
1 MAY	3	7.5	11:	1			27 MAY	3	4.5	6:	2		
1 MAY	3	6.0	24:	2			27 MAY	3	4.0	1:	4 6:	1	
2 MAY	3	6.0					27 MAY	3	7.0	38:	1		
3 MAY	3	6.0	1:	1			28 MAY	3	7.0	1:	3 6:	2 25:	1
3 MAY	3	6.0							55:	1			
4 MAY	3	6.0					28 MAY	3	3.5	1:	2 25:	1	
5 MAY	3	3.5	1:	4			29 MAY	3	4.5	1:	1 25:	1	
5 MAY	3	3.0					29 MAY	3	3.0				
5 MAY	3	6.5	22:	1 24:	2		30 MAY	3	3.0				
6 MAY	3	3.0					30 MAY	3	3.5	1:	1 22:	1 68:	1
6 MAY	3	7.0	11:	2 24:	1 68:	1	30 MAY	3	3.5	6:	1		
7 MAY	3	3.5	1:	2 6:	1		31 MAY	3	7.5	1:	3 6:	1 25:	1
7 MAY	3	3.0	24:	1 55:	1		1 JUN	3	7.0	1:	2 6:	4 11:	1
8 MAY	3	7.5	6:	4 11:	2 21:	1			22:	4 24:	4 25:	3	
8 MAY	3	7.5	1:	2 11:	1 25:	1	1 JUN	3	3.0				
8 MAY	3	7.0	24:	1			2 JUN	3	7.5	1:	1 6:	2 24:	1
9 MAY	3	6.0	55:	1			2 JUN	3	3.5	11:	2		
10 MAY	3	7.0	38:	1			2 JUN	3	6.0				
11 MAY	3	7.0	24:	2			3 JUN	3	7.0	38:	1		
11 MAY	3	3.5	1:	2 6:	1		3 JUN	3	6.0	6:	2 24:	5 68:	2
12 MAY	3	6.0	24:	2			4 JUN	3	4.5	68:	2		
14 MAY	3	6.0	24:	1			5 JUN	3	3.0	21:	1		
14 MAY	3	3.5	1:	1 6:	1 11:	1	5 JUN	3	4.5	6:	1 11:	5 25:	1
			13:	1			6 JUN	3	7.0	38:	1		
15 MAY	3	7.5	1:	3 11:	2 22:	1	6 JUN	3	3.5	1:	1 11:	1 25:	2
			23:	1					86:	2			
15 MAY	3	3.0					7 JUN	3	7.5	6:	1 25:	1 38:	1
16 MAY	3	3.5	1:	2 6:	2 11:	1	7 JUN	3	6.0				
16 MAY	3	7.0	68:	2			7 JUN	3	4.5	1:	2 11:	5 68:	2
17 MAY	3	6.0					8 JUN	2	7.5	1:	2 6:	3 11:	1
18 MAY	3	3.0					8 JUN	3	6.0				
19 MAY	3	8.5	6:	3 22:	1 25:	1	9 JUN	3	8.0	1:	3 24:	1	
19 MAY	3	3.0					9 JUN	3	3.5	6:	1		
20 MAY	3	7.0					9 JUN	3	3.0				
22 MAY	3	7.5	1:	2 25:	1		11 JUN	3	3.5	22:	1		
22 MAY	3	3.0					11 JUN	3	7.0	24:	2		
23 MAY	3	7.5	11:	2			12 JUN	3	6.0	68:	2		
23 MAY	3	3.0					12 JUN	3	7.0				
24 MAY	3	3.5	11:	1			13 JUN	3	6.0	55:	1		

APPENDIX TABLE 31. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---							
13 JUN	3	6.0					15 JUL	3	6.0								
14 JUN	3	7.0					16 JUL	3	7.5	1:	1	6:	1	11:	1		
14 JUN	3	8.0	22:	1			17 JUL	3	6.0								
16 JUN	3	6.0					18 JUL	3	3.5	1:	6	25:	1				
17 JUN	3	7.5	6:	1	11:	1	38:	1	19 JUL	3	8.5						
17 JUN	3	3.0					20 JUL	3	6.0								
18 JUN	3	6.0					26 JUL	3	7.0	38:	2						
19 JUN	3	3.5	1:	1	6:	1	22:	1	27 JUL	3	7.0						
19 JUN	3	3.0					28 JUL	3	7.0								
20 JUN	3	7.5	1:	1	6:	1	11:	1	28 JUL	3	7.5	11:	1	22:	1	38:	1
			22:	1	25:	1			29 JUL	3	7.5	11:	1				
21 JUN	3	7.0					30 JUL	3	6.0								
21 JUN	3	7.5	1:	1	6:	2		31 JUL	3	7.5	1:	1	11:	1			
22 JUN	3	7.0					31 JUL	3	6.0								
22 JUN	3	7.5	6:	7	23:	1		1 AUG	3	6.0							
23 JUN	3	7.0					1 AUG	3	8.5	38:	1						
25 JUN	3	7.5	6:	3			2 AUG	3	7.0								
25 JUN	3	3.0					2 AUG	3	7.5	1:	1	11:	1				
26 JUN	3	7.5	6:	1			3 AUG	3	7.0								
27 JUN	3	3.0	11:	1			3 AUG	3	7.5	1:	1	21:	1	38:	1		
28 JUN	3	7.5					4 AUG	3	7.0								
28 JUN	3	3.0	38:	1			5 AUG	3	3.5	1:	2	11:	1				
29 JUN	3	3.0					5 AUG	3	6.0								
30 JUN	3	7.5	1:	1	38:	1	5 AUG	3	7.0								
30 JUN	3	7.0					7 AUG	3	7.5	1:	1	22:	2				
30 JUN	3	7.5	6:	1			8 AUG	3	7.0								
1 JUL	3	3.0					8 AUG	3	3.5	11:	2	25:	1				
2 JUL	3	3.5					8 AUG	3	7.0								
2 JUL	3	7.5	1:	1	6:	2	11:	1	9 AUG	3	7.5	1:	1				
3 JUL	3	7.0	1:	2	6:	1			9 AUG	3	7.0						
4 JUL	3	8.5	11:	1	38:	2			9 AUG	3	6.0						
4 JUL	3	7.0							10 AUG	3	7.0						
4 JUL	3	7.5							10 AUG	3	6.0						
5 JUL	3	8.5	38:	1					11 AUG	3	7.5	68:	2				
5 JUL	3	7.0							11 AUG	3	6.0						
5 JUL	3	7.5							11 AUG	3	7.0	38:	1				
6 JUL	3	8.5	11:	1					12 AUG	3	3.5						
6 JUL	3	7.5							12 AUG	3	3.5	11:	2	22:	1	57:	1
6 JUL	3	3.0							12 AUG	3	7.0						
7 JUL	3	7.5	1:	2	11:	1			13 AUG	3	7.0	38:	1				
7 JUL	3	7.5							13 AUG	3	7.0	38:	1				
10 JUL	3	3.0							14 AUG	3	7.0	8:	3				
11 JUL	3	3.5	1:	4	11:	1	25:	2	15 AUG	3	6.5	38:	1				
11 JUL	3	7.0							15 AUG	3	6.0						
12 JUL	3	3.5	1:	2	11:	2			16 AUG	3	7.5	1:	1	8:	2	24:	1
12 JUL	3	7.0									25:	1					
14 JUL	3	7.5	1:	1					16 AUG	3	6.0						

APPENDIX TABLE 311.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
17 AUG	3	6.0				15 SEP	3	3.0			
18 AUG	3	7.0				17 SEP	3	3.0			
19 AUG	3	6.0				17 SEP	3	7.5			
20 AUG	3	4.5	1: 2	6: 3	11: 2	18 SEP	3	3.0	11: 3	74: 1	
			74: 1			18 SEP	3	3.5	1: 1	11: 2	22: 1
20 AUG	3	6.0				19 SEP	3	3.0			
21 AUG	3	4.5	1: 2	6: 1	25: 1	19 SEP	3	7.0	23: 1		
21 AUG	3	7.0				20 SEP	3	3.0			
22 AUG	3	7.0				21 SEP	3	7.5	6: 1	68: 1	
22 AUG	3	8.5	6: 2	24: 2	38: 1	21 SEP	3	3.0			
23 AUG	3	3.5	1: 1	6: 2	11: 2	22 SEP	3	7.0	22: 1		
23 AUG	3	7.0				24 SEP	3	3.0			
24 AUG	3	4.5	1: 2	6: 1	11: 2	25 SEP	3	7.5	1: 2	6: 1	
			25: 1			25 SEP	3	7.0			
24 AUG	3	7.0				25 SEP	3	7.0	38: 1		
25 AUG	3	7.0	38: 1			26 SEP	3	3.0			
25 AUG	3	7.0				27 SEP	3	3.0			
26 AUG	3	7.0				28 SEP	3	7.0			
27 AUG	3	3.5	1: 1	6: 2		29 SEP	3	7.5	11: 2		
27 AUG	3	6.0				29 SEP	3	3.5	1: 1	6: 2	11: 1
27 AUG	3	7.0				29 SEP	3	3.0			
28 AUG	3	7.0				30 SEP	3	3.5	11: 1		
29 AUG	3	7.5	24: 1			1 OCT	3	8.5			
29 AUG	3	7.0				1 OCT	3	3.0			
29 AUG	3	7.0	38: 1			2 OCT	3	3.5	1: 1		
30 AUG	3	6.0				3 OCT	3	3.5	6: 1		
30 AUG	3	3.5	1: 1	25: 1		3 OCT	3	3.0			
30 AUG	3	7.0	38: 1			3 OCT	3	7.5	11: 1	38: 2	
31 AUG	3	7.0				4 OCT	3	3.5	1: 1	11: 1	
1 SEP	3	8.5				4 OCT	3	7.0			
1 SEP	3	6.0				5 OCT	3	7.5	1: 3	6: 2	25: 1
2 SEP	3	8.0				5 OCT	3	7.0			
2 SEP	3	6.0				6 OCT	3	6.0			
3 SEP	3	6.0				7 OCT	3	7.0			
4 SEP	3	6.0				9 OCT	3	3.0			
5 SEP	3	4.5	6: 2	11: 1		9 OCT	3	7.5	11: 1	21: 1	
5 SEP	3	6.0				10 OCT	3	5.5	1: 1	11: 1	25: 1
6 SEP	3	7.5	6: 1	38: 1		10 OCT	3	7.0			
7 SEP	3	7.0				10 OCT	3	3.5	1: 1	6: 1	
7 SEP	3	7.0				11 OCT	3	7.0	1: 1	21: 1	24: 1
8 SEP	3	7.0				11 OCT	3	7.5	36: 3		
9 SEP	3	3.0				11 OCT	3	3.0			
10 SEP	3	7.0				12 OCT	3	3.5	6: 1		
10 SEP	3	7.0	1: 1	6: 1	11: 2	12 OCT	3	7.0			
11 SEP	3	3.0				13 OCT	3	7.5	6: 3	7: 1	11: 1
12 SEP	3	3.0						75: 1			
14 SEP	3	7.0				13 OCT	3	3.0			

APPENDIX TABLE 31. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---					DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---						
14 OCT	3	7.5	1:	1	6:	2	21:	1	1 NOV	3	3.0	24:	2				
			23:	1	75:	1			2 NOV	3	7.0						
14 OCT	3	3.0							2 NOV	3	3.5	1:	2	6:	4	11:	1
14 OCT	3	7.0	38:	1								25:	1				
15 OCT	3	7.5	21:	3	22:	2			2 NOV	3	3.5						
15 OCT	3	6.0							3 NOV	3	7.5	1:	2	6:	1	11:	2
15 OCT	3	7.0	1:	2	6:	2	11:	1				22:	1	38:	1		
			21:	2	24:	1			3 NOV	3	7.0	38:	2				
16 OCT	3	3.0	1:	1	6:	2	86:	1	3 NOV	3	6.0						
16 OCT	3	3.5	1:	1	6:	2			5 NOV	3	7.0	1:	1	24:	12	38:	1
17 OCT	3	3.5	11:	1					6 NOV	3	6.0	39:	1				
18 OCT	3	7.0	1:	1	21:	1	23:	1	7 NOV	3	3.0						
			39:	1					7 NOV	3	7.0	1:	1	6:	3	22:	3
18 OCT	3	7.0	22:	1	24:	2						38:	1				
18 OCT	3	3.5	1:	2					7 NOV	3	3.5	6:	1	11:	1	25:	1
19 OCT	3	7.0							8 NOV	3	3.5	6:	25				
20 OCT	3	7.5	1:	1	11:	2	24:	1	8 NOV	3	6.0	36:	1				
			38:	2					8 NOV	3	7.0	1:	1	6:	22	11:	1
20 OCT	3	6.0	24:	2					9 NOV	3	7.0	24:	2				
21 OCT	3	7.0	38:	1					9 NOV	3	7.5	6:	15	8:	2	11:	2
21 OCT	3	3.0										23:	1	24:	1	39:	1
22 OCT	3	4.5	6:	2					10 NOV	3	7.5	1:	2	6:	14		
22 OCT	3	6.5	38:	2					10 NOV	3	6.0	22:	6	24:	1	39:	2
22 OCT	3	3.0	24:	1					12 NOV	3	3.5	1:	1	6:	5		
23 OCT	3	7.0	1:	3					13 NOV	3	6.0	6:	2	11:	2	21:	1
23 OCT	3	7.0										23:	1	68:	1		
25 OCT	3	7.5	6:	1	11:	3	24:	1	13 NOV	3	3.0						
25 OCT	3	7.0	6:	1	11:	4	24:	3	14 NOV	3	6.0	22:	1	24:	4	55:	1
			25:	1					15 NOV	3	7.5	1:	3	6:	3	11:	2
25 OCT	3	3.0										22:	2				
26 OCT	3	4.5	6:	1	11:	1	25:	1	15 NOV	3	3.0	22:	1	24:	5		
26 OCT	3	3.5	24:	1					16 NOV	3	3.5	6:	1	11:	1		
27 OCT	3	7.0	38:	1					16 NOV	3	6.0						
28 OCT	3	3.5							17 NOV	3	6.0						
28 OCT	3	6.0	39:	1					17 NOV	3	3.5						
29 OCT	3	6.0	11:	1					18 NOV	3	6.0						
29 OCT	3	8.0	22:	1	38:	2	55:	1	19 NOV	3	3.0	22:	1	24:	6		
30 OCT	3	7.5	6:	1	11:	2	22:	1	20 NOV	3	6.0	1:	4	6:	5	11:	2
			38:	3	39:	1			20 NOV	3	3.0	24:	4	39:	2		
30 OCT	3	3.0							21 NOV	3	3.5	1:	1	6:	1	11:	4
31 OCT	3	3.0							21 NOV	3	3.5	6:	3	24:	1	57:	2
31 OCT	3	4.5	1:	1	11:	2	22:	1	22 NOV	3	7.0	6:	3	11:	3		
			124:	1					22 NOV	3	3.0	24:	3				
1 NOV	3	3.5	1:	2	6:	4	11:	5	23 NOV	3	6.0	24:	1				
			25:	2					23 NOV	3	7.5	1:	2	6:	4	22:	3
1 NOV	3	7.5	6:	5	22:	1	38:	1				23:	3	25:	1		
			55:	1					23 NOV	3	7.5	6:	6	25:	2	38:	1

APPENDIX TABLE 31. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---							
24 NOV	3	8.0	22:	1			23 DEC	3	7.5	1:	4	22:	1	25:	2		
24 NOV	3	6.0	24:	1			25 DEC	3	5.5	1:	1	6:	3	11:	1		
25 NOV	3	3.0	21:	1						86:	2						
26 NOV	3	6.0	38:	1			26 DEC	3	3.0	6:	1	11:	1				
26 NOV	3	7.5	1:	1	6:	5	11:	2	27 DEC	3	7.5	1:	2	6:	3	22:	1
			22:	1							39:	1					
27 NOV	3	3.5	6:	6	11:	1			27 DEC	3	5.0	6:	6	25:	1		
27 NOV	3	3.5	1:	2	6:	5			28 DEC	3	6.0	1:	2	11:	1		
28 NOV	3	3.5	1:	3	6:	6			28 DEC	3	7.0	1:	5	6:	6	22:	2
28 NOV	3	7.5	6:	4					29 DEC	3	4.5	1:	2	8:	3	11:	3
28 NOV	3	3.0							29 DEC	3	7.0	6:	1	25:	1		
29 NOV	3	7.5	1:	1	6:	4	22:	1	30 DEC	3	3.5	6:	2				
			24:	4	25:	1			30 DEC	3	7.0	1:	2	6:	2		
30 NOV	3	6.5	6:	4	23:	1	38:	1	31 DEC	3	6.0	6:	2	23:	4	24:	1
30 NOV	3	7.0							31 DEC	3	3.5	1:	4	6:	2	22:	2
30 NOV	3	4.5	1:	1	6:	1	11:	1				25:	2				
			25:	1					1 JAN	3	7.0	23:	2	24:	2	39:	1
1 DEC	3	3.5	6:	12	11:	1	25:	1	2 JAN	3	7.0	38:	1				
1 DEC	3	7.5	1:	1	6:	2	22:	1	3 JAN	3	7.5	6:	1	8:	1	24:	5
2 DEC	3	6.5	1:	2	6:	7	23:	1	3 JAN	3	7.0						
3 DEC	3	7.0	6:	1	22:	2	24:	13	4 JAN	3	7.0	38:	1				
3 DEC	3	4.5	6:	1	25:	1			4 JAN	3	3.5	1:	2	11:	1	25:	2
4 DEC	3	7.0	6:	6	24:	1	38:	2									
			68:	1													
4 DEC	3	3.5	6:	2	11:	2											
5 DEC	3	3.5	24:	1													
5 DEC	3	3.5	6:	3	11:	1											
6 DEC	3	3.5	1:	2	6:	1	11:	3									
7 DEC	3	3.5	1:	2	6:	2	11:	1									
			39:	1													
7 DEC	3	7.0	1:	2	11:	1											
8 DEC	3	3.5	11:	1													
9 DEC	3	7.5	1:	2	24:	1											
10 DEC	3	3.5	24:	1													
12 DEC	3	3.5	6:	1	22:	1	24:	2									
12 DEC	3	3.5	1:	2	6:	1	39:	1									
14 DEC	3	7.5	1:	2	6:	4	11:	1									
			24:	1													
15 DEC	3	7.0	11:	1	21:	4	22:	2									
			24:	7													
17 DEC	3	7.5	6:	3	21:	1	22:	1									
			24:	1	57:	3											
18 DEC	3	7.0	11:	1													
18 DEC	3	7.5	1:	2	6:	1	11:	2									
19 DEC	3	7.0	24:	1													
21 DEC	3	3.5	1:	2	6:	7	25:	3									
23 DEC	3	3.0	25:	1													

APPENDIX TABLE 32. VOLUNTEERED 1985 TROLLING CATCH AND EFFORT FROM NORTH CAROLINA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
30 MAR	3	5.0	6: 9	23: 1		12 MAY	2	5.0	1: 16	8: 1	
31 MAR	2	2.0	6: 3			13 MAY	2	3.0	1: 5	3: 1	5: 2
4 APR	3	3.5	1: 7	5: 3					8: 1		
4 APR	2	3.0	6: 2	8: 1		17 MAY	3	4.0	8: 1		
12 APR	3	8.0	1: 48	32: 4		17 MAY	2	4.0	5: 5	36: 1	
12 APR	3	5.0	1: 28	6: 6	13: 5	18 MAY	3	5.0	1: 2	6: 1	13: 1
19 APR	3	4.0	1: 3	5: 5	6: 1				21: 1	24: 6	
19 APR	3	5.0	1: 8	5: 2	6: 3	18 MAY	2	6.0	1: 4		
			8: 2	13: 2	22: 1	18 MAY	2	4.5	5: 1		
20 APR	2	2.0	1: 30	5: 3	6: 1	19 MAY	2	2.5	1: 2		
20 APR	3	3.0	1: 18	5: 4	6: 2	20 MAY	2	3.0	3: 13	5: 5	8: 1
			8: 2			20 MAY	2	6.0	3: 1	5: 3	6: 2
21 APR	2	6.0	1: 96	3: 1	6: 2				7: 1	8: 1	13: 1
22 APR	2	4.0	1: 86			23 MAY	2	3.0	1: 5	5: 2	
22 APR	2	6.0	1:144	3: 2	6: 2	24 MAY	2	3.5	1: 3	5: 1	8: 1
23 APR	2	5.0	1: 75			25 MAY	2	4.5	3: 1	5: 11	6: 4
23 APR	2	6.0	1:134	3: 2	6: 1	25 MAY	1	5.0	1: 18	3: 1	5: 2
24 APR	2	5.0	1: 68						6: 1	8: 3	
25 APR	3	1.0	6: 1			25 MAY	2	5.0	1: 2		
26 APR	2	3.0	1: 30	6: 1		26 MAY	3	6.0	21: 1	24: 2	
26 APR	3	5.0	1: 48	5: 1	6: 3	26 MAY	3	4.0	11: 1	24: 5	
27 APR	2	6.0	1: 29	6: 1		26 MAY	2	4.0	1: 7	3: 60	8: 4
27 APR	6	2.5	6: 8			27 MAY	2	3.0	3: 41		
27 APR	3	5.0	1: 14	5: 1	6: 2	27 MAY	2	4.0	3: 18	5: 8	8: 1
28 APR	2	4.0	1: 6						66: 2		
28 APR	2	3.0	6: 1	8: 1		28 MAY	2	3.0	3: 8		
29 APR	2	3.0	6: 2			30 MAY	2	3.0	3: 4	6: 1	13: 1
29 APR	2	0.5	5: 3			1 JUN	3	3.0	8: 1		
30 APR	3	4.0	1: 5	5: 16	6: 6	1 JUN	3	4.0	1: 1	6: 3	24: 1
4 MAY	3	5.0	1: 2	6: 2	8: 10	1 JUN	2	2.0	3: 20	5: 2	
4 MAY	2	5.0	1: 1	5: 3	6: 2	2 JUN	2	1.0	3: 3		
			8: 4			3 JUN	3	6.0	22: 1		
4 MAY	2	4.0	1: 5	5: 15	6: 2	3 JUN	2	1.5	3: 30	5: 1	
5 MAY	3	4.0	1: 3	6: 4		5 JUN	3	6.0			
5 MAY	3	3.5	1: 4	5: 1	6: 1	6 JUN	3	6.0			
6 MAY	3	5.0	1: 1	5: 19	7: 2	7 JUN	6	6.0	3: 61	5: 2	7: 2
			13: 1						24: 2		
6 MAY	2	4.0	1: 2	5: 1		7 JUN	3	6.0			
10 MAY	3	6.0	1: 1	6: 2	21: 1	10 JUN	2	1.0	3: 6		
			24: 2			11 JUN	3	5.0	22: 1	24: 1	
10 MAY	3	6.0	1: 4	6: 3	8: 1	11 JUN	2	3.0	1: 1	3: 51	7: 8
10 MAY	2	5.0	6: 2	8: 1		13 JUN	2	2.0	3: 1		
11 MAY	3	2.0	1: 2	5: 1	6: 1	14 JUN	2	3.0	3: 20	5: 6	86: 2
			8: 1			14 JUN	2	4.0	3: 62	8: 15	
11 MAY	2	5.0	1: 48	5: 1		14 JUN	3	5.0	24: 3	38: 1	
11 MAY	2	4.5	1: 16	8: 1		15 JUN	2	6.0	1: 2	3: 2	5: 1
12 MAY	3	5.0	1: 41	3: 1	8: 2				24: 1		

APPENDIX TABLE 32.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				
15 JUN	2	2.0	3:	11			13 JUL	1	6.0	1:	2	3:	28	12:	1
20 JUN	3	5.0	1:	1	3:	1	24:	3	13 JUL	2	1.0	3:	38		
22 JUN	1	4.5	1:	1	3:	68		14 JUL	1	4.0	3:	28	12:	1	
22 JUN	2	1.0	1:	1	3:	1		14 JUL	2	1.0	3:	42			
22 JUN	3	6.0	11:	1				16 JUL	2	3.5	1:	10	3:	50	
22 JUN	3	4.0	1:	1	13:	1	24:	2			24:	1			
23 JUN	2	4.0	1:	2	3:	32	5:	2	17 JUL	2	3.0	1:	12	3:	148
23 JUN	2	5.0	3:	15					17 JUL	1	4.0	1:	1	3:	20
23 JUN	3	5.0	21:	4	22:	3			17 JUL	2	2.5	3:	13		
23 JUN	3	5.0	11:	1	24:	1			18 JUL	1	4.0	3:	3	5:	6
25 JUN	2	4.0	1:	1	3:	4	5:	5	19 JUL	3	5.0	1:	1	6:	2
			86:	2							21:	1	23:	1	11:
25 JUN	2	3.0	3:	13	5:	12	7:	8	19 JUL	2	3.0	3:	4		
25 JUN	2	3.0	3:	20	5:	24	67:	5	20 JUL	3	5.0	23:	26		
25 JUN	2	5.0	1:	1	3:	17			20 JUL	2	6.0	1:	8	3:	151
26 JUN	2	5.5	3:	38	7:	1			21 JUL	2	3.0	3:	4	12:	2
27 JUN	2	5.0	1:	1	3:	29	86:	5	22 JUL	1	3.0	3:	32	7:	4
27 JUN	2	5.0	1:	2	3:	31			23 JUL	1	4.0	3:	54	5:	1
27 JUN	2	3.0	3:	19					24 JUL	2	2.5	1:	11	3:	1
27 JUN	2	2.5	3:	45	5:	1			24 JUL	1	5.0	3:	61	5:	15
28 JUN	2	4.0	1:	1	3:	15			25 JUL	2	3.0	1:	5	5:	9
28 JUN	2	5.0	3:	45					26 JUL	3	5.5	1:	5	11:	1
29 JUN	3	5.0	13:	1	24:	7			26 JUL	2	3.5	5:	13		
1 JUL	3	4.0	22:	1					27 JUL	3	5.5	1:	6	6:	1
2 JUL	2	4.0	3:	31					27 JUL	3	2.0	1:	6	6:	1
3 JUL	2	3.0	3:	14					28 JUL	2	3.0	1:	30	12:	1
3 JUL	2	3.0	3:	5	5:	1			28 JUL	1	5.0	3:	16	5:	2
4 JUL	3	5.0	21:	1	24:	1			30 JUL	2	3.5	1:	1	3:	24
4 JUL	2	6.0	3:	38	67:	4			31 JUL	2	4.0	1:	22	3:	24
5 JUL	2	6.0	3:	54							24:	1			
5 JUL	3	7.0	6:	2					31 JUL	2	3.5	1:	4	3:	84
6 JUL	6	5.5	3:	22	21:	1	22:	1	1 AUG	1	4.0	3:	42	6:	1
			24:	19					2 AUG	2	3.0	1:	12	3:	38
6 JUL	3	5.0	1:	1	6:	2	24:	3	2 AUG	2	5.0	1:	1	3:	94
6 JUL	2	5.0	3:	121							7:	1			6:
7 JUL	2	3.0	3:	32					3 AUG	6	5.0	1:	10	3:	2
7 JUL	2	2.0	1:	1	3:	4					11:	2			6:
8 JUL	2	3.0	1:	6	3:	68			3 AUG	2	7.5	1:	3	3:	6
8 JUL	1	4.0	1:	2	3:	20	7:	1	3 AUG	1	1.0	3:	2		
10 JUL	2	1.0	3:	15					3 AUG	2	3.5	1:	8	3:	4
10 JUL	2	3.0	1:	2	3:	17			4 AUG	2	3.0	1:	11	6:	2
10 JUL	3	4.5	1:	3	6:	1	11:	1	4 AUG	2	2.5	3:	8	5:	3
			13:	1	24:	3			5 AUG	1	2.0	5:	22		
11 JUL	2	3.0	1:	2	3:	86			5 AUG	2	3.5	3:	17	7:	1
12 JUL	1	5.0	3:	13					6 AUG	1	4.0	1:	4	3:	17
12 JUL	2	6.0	1:	18	3:	228	7:	34			12:	1	86:	1	6:
12 JUL	6	5.0	3:	44	67:	8			6 AUG	2	3.0	3:	51		

9 AUG	1	4.0	1: 1	3: 4	5: 42	29 AUG	1	4.0	1: 4	3: 5	6: 2
			6: 3			29 AUG	2	3.0	1: 1	3: 1	5: 10
9 AUG	2	7.0	1: 12	3: 23	12: 1	29 AUG	3	5.0	1: 2	3: 1	6: 8
10 AUG	1	4.0	3: 35	5: 1					11: 1	21: 1	24: 2
10 AUG	2	3.5	1: 2	3: 3		30 AUG	1	4.0	1: 2	3: 5	6: 4
11 AUG	2	2.5	3: 8	5: 3		31 AUG	2	7.0	1: 2	3: 6	6: 24
12 AUG	1	4.0	3:142	5: 1		2 SEP	1	4.0	3: 2	6: 7	
13 AUG	1	4.0	3:159	6: 3	40: 1	3 SEP	2	3.0	1: 2	3: 35	5: 3
14 AUG	1	4.0	1: 5	3: 26	6: 2				12: 3		
			7: 30	86: 8		5 SEP	1	4.0	1: 1	3: 55	6: 1
14 AUG	2	3.0	1: 13						12: 1		
15 AUG	2	6.0	1: 22	3: 57	5: 3	5 SEP	2	2.5	1: 1	3: 28	5: 3
			6: 2						12: 2		
15 AUG	1	4.0	1: 15	3: 71	7: 1	6 SEP	1	4.0	1: 1	3: 49	6: 2
15 AUG	2	3.5	1: 22	3: 18	6: 3				12: 2		
16 AUG	2	2.5	1: 1	3: 1	5:102	7 SEP	1	4.0	1: 1	3: 22	6: 8
16 AUG	1	4.0	1: 2	3: 42	6: 2				8: 1		
			86: 11			7 SEP	3	5.0	1: 4	6: 6	13: 7
16 AUG	2	6.0	3: 90	5:145	13: 12				24: 4		
17 AUG	2	2.0	5: 44			7 SEP	2	3.0	1: 12	3: 2	6: 1
17 AUG	2	3.5	1: 1	3: 12		11 SEP	1	4.0	3: 97	6: 5	17: 2
17 AUG	3	7.5	1: 9	6: 3	13: 5				40: 2	86: 2	
20 AUG	1	4.0	1: 1	3: 1	6: 6	12 SEP	1	4.0	3: 5	5: 2	6: 5
			7: 1	12: 1	86: 1	14 SEP	2	8.0	1: 3	3: 7	
21 AUG	1	4.0	1: 1	3: 21	5: 2	14 SEP	1	4.0	5: 89	70: 1	86: 3
			6: 9	12: 3		14 SEP	2	6.0	1: 2	3: 85	5:115
21 AUG	2	4.0	1: 21	3: 18	6: 2	15 SEP	6	6.0	5: 85		
			12: 2			16 SEP	1	6.0	5:124		
21 AUG	2	4.5	1: 6	3: 25	5: 25	17 SEP	2	5.0	1: 2	3: 30	5: 80
			6: 1			19 SEP	2	4.0	3: 16	5: 28	
22 AUG	3	5.0	6: 3	11: 5		20 SEP	3	3.5	1: 2	6: 3	13: 1
22 AUG	1	4.0	3: 11	6: 8					24: 3		
22 AUG	2	6.5	1: 22	3: 57	6: 2	20 SEP	2	7.0	1: 4	3: 25	13: 1
			12: 3			21 SEP	3	5.0	1: 6	13: 2	
23 AUG	1	4.0	1: 2	3: 2	5: 2	21 SEP	1	5.5			
			6: 13	12: 4		21 SEP	3	5.0	1: 5	6: 4	

APPENDIX TABLE 32.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				
22 SEP	3	6.0	1: 4	6: 18				2 NOV	3	5.0	1: 3	6: 5		
30 SEP	2	6.0	3: 3	5: 147				2 NOV	2	5.0	1: 2	6: 3	13: 3	
1 OCT	2	6.0	3: 5	5: 208				3 NOV	3	5.0	1: 3	3: 1	6: 1	
4 OCT	2	6.0	1: 3	3: 1	13: 1			9 NOV	3	6.0	1: 2	6: 2	7: 2	
			40: 1								13: 1			
4 OCT	3	3.0	1: 2	3: 2				10 NOV	3	4.0	1: 16	6: 3	11: 2	
5 OCT	2	2.0	1: 1					11 NOV	2	6.0	1: 27	6: 1	36: 1	
5 OCT	3	5.0	1: 2	3: 1	6: 2			12 NOV	2	5.0	1: 14			
6 OCT	2	3.0	5: 1					14 NOV	6	5.0	1: 7	6: 2	13: 1	
7 OCT	2	7.0	3: 1	5: 27							36: 1			
8 OCT	3	5.0	1: 7	13: 1				15 NOV	3	4.0	1: 6	6: 2		
10 OCT	2	3.0						16 NOV	6	6.0	1: 3			
11 OCT	3	4.0	1: 3					16 NOV	3	4.0	1: 2			
11 OCT	2	6.0	1: 9					18 NOV	3	5.0	1: 1			
12 OCT	2	7.0	6: 2	22: 1				19 NOV	3	4.5	1: 6	13: 6		
12 OCT	2	3.0						21 NOV	6	6.0	1: 2	6: 1	13: 1	
12 OCT	2	5.5	1: 1	3: 1	6: 1			22 NOV	2	4.5	5: 75			
13 OCT	3	5.0	1: 4	6: 3	13: 2			27 NOV	6	6.0	1: 1	6: 3		
14 OCT	2	3.0	6: 1					29 NOV	6	6.0	1: 1	6: 5	7: 5	
14 OCT	3	5.0	1: 3	6: 1	13: 1						13: 1			
15 OCT	3	3.0	1: 4					30 NOV	2	6.0	5: 156			
15 OCT	3	5.0	1: 10					1 DEC	2	2.5	5: 8	6: 4		
17 OCT	2	6.0	3: 3	6: 2				13 DEC	2	3.0	5: 1	6: 1		
18 OCT	2	5.0	1: 4	6: 1										
18 OCT	3	5.0	1: 11											
18 OCT	6	5.5	1: 2	6: 2										
19 OCT	2	8.0	1: 10	142: 1										
19 OCT	3	4.0	1: 19	17: 1										
19 OCT	3	4.0	1: 8	6: 1										
20 OCT	2	6.0	1: 19	6: 1	7: 1									
			11: 1											
20 OCT	3	3.0	1: 1											
21 OCT	2	6.0	1: 14	3: 1	6: 2									
			13: 1											
22 OCT	2	6.0	1: 16	6: 1	13: 1									
23 OCT	2	6.0	1: 12	6: 1										
24 OCT	3	5.0	1: 3	13: 3	40: 1									
24 OCT	2	4.0	1: 10											
25 OCT	3	4.0	1: 12	6: 3										
25 OCT	2	7.0	1: 10	6: 1										
25 OCT	3	5.0	1: 22	13: 1										
26 OCT	2	6.0	1: 8	13: 1										
26 OCT	2	4.0	6: 1											
26 OCT	2	2.0	1: 2											
28 OCT	3	5.0	1: 35	6: 2	13: 2									
30 OCT	2	3.0	6: 4											
1 NOV	2	5.0	1: 12	6: 4										

APPENDIX TABLE 33. VOLUNTEERED 1985 NON-TROLLING CATCH AND EFFORT FROM NORTH CAROLINA

DATE	ZONE	HOURS				DATE	ZONE	HOURS			
		FISHED	-- CATCH PER SPECIES --					FISHED	-- CATCH PER SPECIES --		
9 MAR	3	4.0	6: 1	14: 25	20: 12	1 JUN	3	2.0	15: 88	50: 2	
			50: 10	62: 15		1 JUN	3	1.0	15: 21	20: 1	
4 APR	2	3.0	2: 2			2 JUN	2	3.0	5: 1	15:200	36: 4
6 APR	1	4.0	2: 1						76: 6	81: 3	
9 APR	2	6.0				3 JUN	2	2.5	15:180	76: 4	81: 1
20 APR	3	3.0	15: 75	17: 2	50: 40	11 JUN	1	5.0	45: 8	46: 2	70: 35
20 APR	2	2.5	15:180	50: 2	76: 25	13 JUN	1	4.0	5: 1	27: 7	31: 1
21 APR	2	4.0							46: 1	70: 4	
23 APR	2	3.5	2: 1			14 JUN	3	3.5	1: 1	13: 1	14: 16
25 APR	3	4.0	14: 20	20: 50	50: 10				15:107	16: 5	17: 6
			62: 20						20: 1	50: 79	
26 APR	3	3.0	14: 12	15: 80	17: 1	15 JUN	2	3.0	15: 85		
			18: 1			15 JUN	3	10.0	13: 3	14:350	79: 42
27 APR	3	4.0	14: 12	20: 40	50: 8	18 JUN	1	5.0	5: 5	30: 20	
			62: 19			20 JUN	1	5.0	30: 12		
28 APR	3	2.0	5: 20	14: 30	15:100	21 JUN	3	6.0	14: 26	15:200	20: 40
			17: 2	19: 1					30: 4	50: 25	76: 45
5 MAY	3	1.0	15: 28	17: 3	50: 11				106: 1		
5 MAY	3	4.0	14: 49	15: 80	17: 1	21 JUN	3	3.5	15:188	16: 3	17: 19
			18: 1	76: 30	79: 1	22 JUN	3	7.0	13: 1	14: 45	15:100
11 MAY	3	4.0	14: 10	15:100	18: 1				20: 10	24: 33	30: 6
17 MAY	3	1.5	15: 80						50: 20	76: 30	
17 MAY	2	1.0	15: 20			26 JUN	3	4.5	15: 1	70: 16	77: 1
19 MAY	3	5.0	15:122	17: 8	50: 29				86: 1		
			76: 8			28 JUN	2	4.0	36: 42		
19 MAY	2	3.0	15:100	50: 2	76: 1	29 JUN	2	5.0	15:200	30: 15	50: 3
			81: 1						96: 6		
22 MAY	3	5.0	15:200	17: 8	50: 88	1 JUL	1	5.0	30: 8	46: 13	70: 31
			76: 26						77: 1	86: 11	
22 MAY	2	4.5	70: 34	76: 1		1 JUL	3	1.0	14: 3	15: 80	17: 1
23 MAY	3	5.0	1: 2	5: 1	15:125				50: 9		
			17: 4	50: 52	76: 20	2 JUL	3	4.0	14: 5	15:256	16: 3
23 MAY	2	2.0	15: 50	50: 1	76: 1				17: 42	24: 3	
24 MAY	3	4.0	1: 1	15:132	16: 2	3 JUL	1	3.5	30: 8	45: 1	70: 2
			17: 1	20: 1	21: 1	4 JUL	1	4.0	46: 10	70: 26	77: 1
			50: 7						86: 6		
24 MAY	3	5.0	1: 1	15:210	17: 5	4 JUL	3	4.0	13: 1	14: 3	15:272
			50: 79	76: 30					16: 5	17: 31	24: 2
25 MAY	2	4.5	5: 1	45: 3	70: 8	5 JUL	1	4.0	30: 1	46: 5	70: 18
			76: 1						77: 1	86: 5	
25 MAY	3	5.0	15:175	17: 3	20: 1	6 JUL	1	4.0	30: 1	46: 2	70: 20
			50: 49	76: 26					77: 1	86: 5	
28 MAY	3	4.0	15:376			11 JUL	1	5.0	15: 2	30: 3	70: 9
30 MAY	2	5.0	3: 2	15: 1	45: 4				86: 1		
			70: 9	77: 1		13 JUL	3	4.5	15:302	17: 15	18: 1
31 MAY	3	4.0	3: 1	15:420	20: 1	13 JUL	3	4.0	15:110	17: 5	20: 2
			50: 52	76: 37					50: 38	76: 75	

APPENDIX TABLE 33.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			
14 JUL	3	4.0	15: 80	17: 6	50: 25								
			76: 45										
22 JUL	1	1.0	70: 4	86: 2									
27 JUL	3	3.0	17: 2	50:120									
5 AUG	1	2.0	70: 4	77: 2	86: 1								
9 AUG	2	4.0	13: 2	15:150	17: 1								
			50: 2	76: 10									
10 AUG	2	4.0	7: 1	13: 1	14: 9								
			15: 40	20: 1	50: 9								
			76: 12										
24 AUG	3	3.0	14: 29	15: 21	20: 16								
			50: 32										
7 SEP	3	6.0	14: 45	15: 35	17: 1								
			20: 25	50: 10	76: 3								
8 SEP	3	5.0	14: 15	15: 60	17: 6								
			20: 6	50: 20	76: 14								
15 SEP	2	6.0	14: 12	15: 65	17: 6								
20 SEP	3	1.5	20: 10										
19 OCT	3	4.0	15: 80	16: 3	20: 1								
			50: 35	76: 6									
20 OCT	3	1.0	14: 1	50: 1									
25 OCT	3	4.0	14: 8	15: 48	17: 6								
			50: 21										
9 NOV	3	5.0	6: 1	14: 2	15: 21								
			18: 8	20: 5	50:128								

APPENDIX TABLE 34. VOLUNTEERED 1985 TROLLING CATCH AND EFFORT FROM NORTHEAST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---				
2 JUN	3	6.0	1:	3	6:	2	7:	6						
			11:	11	13:	2								
4 JUN	3	6.0	1:	1	6:	2	11:	3						
			22:	2	24:	18								
6 JUN	3	2.0	1:	2	11:	1								
7 JUN	3	5.0	1:	8	6:	5	11:	10						
			13:	6										
8 JUN	3	5.0	1:	6	6:	2	7:	3						
			11:	4	13:	1	22:	1						
			24:	4										

APPENDIX TABLE 35. VOLUNTEERED 1985 TROLLING CATCH AND EFFORT FROM EAST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					
5 JAN	3	6.0	1:	1	8:	3	2 AUG	6	6.0	1:	1	6:	17	11:	2
9 FEB	3	4.0	17:	4	24:	3	4 AUG	3	6.0	6:	14	11:	2		
10 FEB	3	6.0	1:	4	5:	1	13:	2	8 AUG	3	1.0	6:	1		
23 FEB	3	6.0	1:	8	24:	6	10 AUG	3	3.0	6:	1				
4 MAR	3	3.0	1:	1	24:	1	17 AUG	3	6.0	1:	1	6:	12	11:	1
12 MAR	3	4.0	24:	1			7 SEP	3	2.0	1:	1	6:	4	11:	2
16 MAR	3	4.0	8:	1			1 OCT	3	6.0	11:	3	24:	1		
21 MAR	3	6.0	8:	1	24:	3									
29 MAR	3	3.0	1:	2	24:	1									
30 MAR	3	4.0	24:	6											
3 APR	2	3.0	8:	2											
4 APR	3	2.0													
5 APR	2	3.0	3:	1	6:	2	8:	1							
6 APR	6	2.0	24:	1											
8 APR	3	4.0	1:	1	6:	5	22:	1							
10 APR	3	6.0	1:	1	3:	1	24:	1							
18 APR	3	3.0	6:	1	24:	2									
20 APR	3	3.0	1:	1	6:	4	24:	1							
26 APR	3	3.0	24:	4											
27 APR	3	6.0	24:	1											
27 APR	3	2.0	1:	2											
28 APR	3	5.0	6:	1	13:	1									
4 MAY	3	3.0	8:	1	24:	2									
4 MAY	3	2.0	6:	1											
9 MAY	3	2.0	1:	1	24:	1									
16 MAY	3	4.0	8:	2	11:	1	24:	3							
17 MAY	3	3.0	6:	2											
17 MAY	3	6.0	8:	4											
18 MAY	3	5.0	1:	1	6:	2	24:	1							
19 MAY	3	3.0	8:	6	24:	1									
26 MAY	6	6.0	1:	6	6:	3	24:	1							
27 MAY	3	2.0	6:	2	24:	2									
28 MAY	3	1.0	6:	1											
1 JUN	3	1.0	6:	1											
8 JUN	3	2.0	24:	1											
9 JUN	3	2.0	24:	6											
20 JUN	3	3.0	11:	2	24:	1									
22 JUN	3	2.0	11:	1											
23 JUN	3	3.0	11:	1											
2 JUL	3	1.0	24:	1											
4 JUL	2	6.0	1:	4	6:	3	24:	2							
5 JUL	6	7.0	8:	4	11:	4	39:	1							
6 JUL	6	7.0	8:	4	11:	4									
9 JUL	4	3.0	6:	5	11:	2									
11 JUL	3	4.0	6:	4	11:	3									
14 JUL	3	5.0	6:	2	68:	4									
15 JUL	3	1.0	8:	3											

APPENDIX TABLE 36. VOLUNTEERED 1985 NON-TROLLING CATCH AND EFFORT FROM EAST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --								
9 FEB	3	2.0					11 JUL	3	1.0	15:	8	16:	3	50:	2			
16 FEB	3	2.0	14:	5	15:	30	20:	12	79:	1	80:	1						
			62:	40	76:	40			15 JUL	3	3.0	15:	20	16:	4	50:	12	
4 MAR	3	3.0	13:	6	17:	2			79:	2	80:	1						
7 MAR	3	6.0	13:	9					18 JUL	2	2.0	7:	4					
9 MAR	3	6.0	15:	50	17:	8	42:	12	8 AUG	3	5.0	14:	1	15:	9	50:	5	
			82:	5								51:	4					
11 MAR	3	6.0	15:	16	17:	6	20:	10	10 AUG	3	3.0	15:	2	16:	2	50:	5	
			82:	4					16 AUG	3	5.0	15:	5	16:	4	50:	5	
12 MAR	3	2.0	5:	1	17:	3						85:	1					
15 MAR	3	2.5	15:	2	16:	5	20:	5	7 SEP	3	3.0	15:	6	16:	5	50:	8	
16 MAR	3	2.0	13:	1	36:	1						51:	2					
22 MAR	3	6.0	17:	1														
23 MAR	3	6.0	14:	30	15:	40	17:	5										
			20:	6	42:	4												
29 MAR	3	3.0	14:	8														
30 MAR	3	2.0	13:	2	17:	3												
4 APR	3	4.0	15:	3	16:	2	37:	2										
			50:	1	79:	10	80:	1										
6 APR	3	0.5	16:	1	79:	1												
8 APR	3	1.0	29:	6														
18 APR	3	3.0	5:	1	16:	2	19:	1										
			79:	1	80:	1												
20 APR	3	3.0	13:	1	16:	1	79:	2										
20 APR	3	6.0	15:	15	17:	2	20:	6										
			60:	2														
27 APR	3	3.0	35:	2														
4 MAY	3	3.0	17:	6														
4 MAY	3	3.0	15:	2	16:	6	50:	9										
			79:	5	80:	2	145:	1										
9 MAY	3	4.0	15:	1	16:	2	17:	2										
			19:	1	50:	7	79:	4										
16 MAY	3	2.0	13:	4														
19 MAY	3	2.0	16:	5	50:	2												
27 MAY	3	4.0	16:	2	37:	1	50:	3										
			79:	3	80:	1												
28 MAY	3	4.0	13:	1	17:	4												
1 JUN	3	4.0	16:	4	50:	32	79:	2										
8 JUN	3	3.0	14:	1	16:	3	50:	19										
			80:	1														
9 JUN	3	3.0	15:	6	16:	3	50:	2										
			79:	3	80:	1												
20 JUN	3	2.0	18:	1	79:	1												
22 JUN	3	3.0	16:	7	50:	20	79:	4										
23 JUN	3	2.0	16:	3	50:	3	79:	1										
2 JUL	3	5.0	16:	10	37:	1	50:	5										
			79:	2														

APPENDIX TABLE 37. VOLUNTEERED 1985 TROLLING CATCH AND EFFORT FROM SOUTHEAST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---						
31 MAR	3	3.0	7:	6	11:	1	147:	8	27 JUN	3	6.0	3:	1	8:	1	13:	1
1 APR	3	3.0	7:	6	11:	1	35:	1				79:	1	80:	4		
			147:	7					30 JUN	3	6.5	24:	7	29:	1	79:	1
2 APR	3	3.0	7:	10	13:	2	147:	5				80:	3				
3 APR	3	3.0	3:	30	23:	1			2 JUL	3	3.0	1:	1	11:	3		
4 APR	3	6.0	24:	60					4 JUL	3	3.0	11:	1	24:	2		
5 APR	3	3.0	3:	20					5 JUL	3	3.0						
6 APR	3	3.0	24:	5	147:	5			8 JUL	3	6.0	11:	4	24:	3		
7 APR	3	3.0	24:	4					10 JUL	3	3.0	8:	1	11:	3		
8 APR	3	6.0	24:	8	35:	1	80:	3	12 JUL	3	6.0	11:	3	24:	7		
9 APR	3	6.0	24:	25					20 JUL	3	3.5	13:	1	35:	1		
10 APR	3	3.0							22 JUL	3	6.5	8:	5	11:	1	22:	2
11 APR	3	3.0	7:	5	24:	2			27 JUL	3	3.5	1:	1	8:	3	11:	1
15 APR	3	7.0							28 JUL	3	6.5	1:	5	8:	10	11:	3
16 APR	3	7.0	23:	2								23:	1				
17 APR	3	7.0	21:	1	23:	4	38:	1	1 AUG	3	3.5	8:	3				
18 APR	3	4.0	23:	4					2 AUG	3	3.5	8:	4	37:	1		
19 APR	3	7.0							3 AUG	3	3.5	8:	7	11:	1	13:	3
21 APR	3	8.0	24:	4	55:	1			7 AUG	3	3.0	1:	1	6:	9	7:	4
22 APR	3	8.0	24:	2	38:	2						11:	1				
23 APR	3	8.0							8 AUG	3	6.0	6:	20	7:	6	11:	3
24 APR	3	8.0	21:	1	24:	2			9 AUG	3	3.5	6:	10	7:	7	11:	1
25 APR	3	8.0							10 AUG	3	3.5	65:	1				
29 APR	3	3.0							11 AUG	3	3.0	1:	3	8:	12		
30 APR	3	6.5	7:	6	13:	3			12 AUG	3	6.0	7:	5	8:	15		
1 MAY	3	6.5	7:	7	13:	2	35:	1	14 AUG	3	3.0	8:	4				
			39:	1					15 AUG	3	3.0	1:	1	8:	12	11:	1
2 MAY	3	6.5	13:	3	24:	4			17 AUG	3	3.0	8:	14				
3 MAY	3	6.0	13:	3	24:	1			18 AUG	3	3.0	1:	2	8:	20	11:	1
16 MAY	3	6.0	13:	5	24:	12			19 AUG	3	3.0	1:	1	8:	18		
20 MAY	3	8.0	24:	6	29:	1			20 AUG	3	3.0	1:	1	8:	23		
21 MAY	3	8.0	24:	4	29:	1			21 AUG	3	3.0	1:	1	7:	3	8:	12
22 MAY	3	8.0	11:	1	24:	4			22 AUG	3	6.0	1:	3	8:	4	35:	1
23 MAY	3	8.0	24:	5					23 AUG	3	6.0	1:	11	8:	13	13:	1
24 MAY	3	8.0	24:	4	29:	1						79:	1				
29 MAY	3	6.0							24 AUG	3	6.0	1:	1	8:	2	11:	1
31 MAY	3	3.5	8:	2	11:	1			25 AUG	3	6.0						
2 JUN	3	3.0	24:	3					26 AUG	3	3.0	8:	4	13:	1		
6 JUN	3	3.0	24:	12					31 AUG	3	3.0	24:	3				
7 JUN	3	6.0	6:	1	24:	30			7 SEP	3	6.0	35:	1				
8 JUN	3	6.0	24:	1					13 SEP	3	5.0	1:	1	8:	3		
9 JUN	3	6.0	24:	4					14 SEP	3	2.5						
17 JUN	3	4.0	1:	2	7:	8	11:	1	17 SEP	3	2.0						
			35:	1					20 SEP	3	3.0	24:	1	39:	2		
20 JUN	3	6.0	24:	21					21 SEP	3	3.0	1:	8	3:	6		
21 JUN	3	6.0	8:	1	19:	2	26:	12	22 SEP	3	3.0	1:	6	8:	1	87:	1
26 JUN	3	3.0	3:	1	8:	2			25 SEP	3	3.0	1:	9	7:	2	11:	1

APPENDIX TABLE 37. (CONTINUED).

DATE	ZONE	FISHES	CATCH PER SPECIES	DATE	ZONE	FISHES	CATCH PER SPECIES
25 SEP	3	3.0*	22 1	1 MAR	1	3.0	3
26 SEP	3	3.0	11 11 7 2 11 8	2 APR	1	3.0	3
				3 APR	1	3.0	3
				4 APR	1	3.0	3
				5 APR	1	3.0	3
				12 MAY	2	3.0	3
				13 MAY	2	2.0	2

APPENDIX TABLE 38. VOLUNTEERED 1985 NON-TROLLING CATCH AND EFFORT FROM SOUTHEAST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---	DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---
31 MAR	3	3.0	1: 1 143: 1				
2 APR	3	3.0	35: 1				
5 APR	3	3.0	24: 1 39: 1				
6 APR	3	3.0					
12 MAY	3	3.0	13: 5				
15 MAY	3	5.0	13: 6				

APPENDIX TABLE 39. VOLUNTEERED 1985 TROLLING CATCH AND EFFORT FROM SOUTH FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---		
1 APR	3	6.0	6:	1	24:	3					
4 APR	3	6.0	6:	4	13:	4	23:	1			
			39:	1							
5 APR	3	6.0	13:	2	24:	3					
6 APR	3	6.0	11:	1	24:	6	41:	6			
8 APR	3	6.0	11:	1	13:	4	22:	1			
			23:	8	24:	1					
11 APR	3	6.0	11:	4	13:	4	23:	12			
12 APR	3	6.0	11:	10	23:	15					
20 APR	3	6.0	6:	6	13:	4	22:	1			
			39:	1							
21 APR	3	6.0	22:	1	24:	15					
23 APR	3	6.0	6:	2	24:	17					
24 APR	3	6.0	6:	15	24:	3					
25 APR	3	6.0	24:	3	38:	1					
26 APR	3	6.0	11:	1	24:	22					
27 APR	3	6.0	6:	4	22:	1	23:	1			
			24:	8							
28 APR	3	6.0	6:	1	24:	7					
29 APR	3	6.0	6:	12	11:	1	13:	4			
			23:	2							
2 MAY	3	6.0	6:	15	13:	4	23:	4			
			24:	2							
5 MAY	3	6.0	6:	4	11:	1	13:	3			
			24:	4							
7 MAY	3	6.0	6:	8	24:	4					
8 MAY	3	6.0	6:	15	24:	2	39:	1			
9 MAY	3	2.0	6:	1	24:	1					
18 MAY	3	6.0	6:	1	24:	30	39:	1			
20 MAY	3	6.0	24:	15	39:	2	68:	1			
21 MAY	3	6.0	11:	2	24:	8					
23 MAY	3	6.0	11:	2	24:	23	39:	1			
24 MAY	3	6.0	24:	35							
25 MAY	3	2.0	6:	2	11:	1					

APPENDIX TABLE 40. VOLUNTEERED 1985 TROLLING CATCH AND EFFORT FROM NORTHWEST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --							
8 MAR	6	3.0	6:	10			8 JUN	5	7.0	6:	5	7:	8	8:	8		
9 MAR	6	4.0	6:	8						13:	12						
14 MAR	2	3.5	6:	11			10 JUN	3	2.5	1:	4	6:	3	22:	1		
15 MAR	2	3.5	6:	13						24:	2						
18 MAR	2	3.5	3:	30	6:	3	11 JUN	2	1.5	6:	6						
12 APR	2	3.0	17:	2	20:	2	12 JUN	1	1.5	3:	2	6:	3	7:	12		
20 APR	2	3.5	6:	2						9:	1						
25 APR	2	4.0	2:	2	3:	1	8:	11	13 JUN	5	1.0	5:	4	6:	1	24:	4
26 APR	2	2.0	3:	7	8:	2			13 JUN	2	2.0	6:	10	8:	1		
26 APR	2	3.0	1:	2	6:	2	8:	2	13 JUN	2	1.5						
26 APR	2	6.0	2:	1	3:	3	6:	5	14 JUN	2	3.0	3:	6	7:	7	13:	1
			8:	25					15 JUN	1	3.5	3:	5	7:	20	9:	4
27 APR	2	5.0	1:	3	3:	3	6:	5	17 JUN	5	6.0	6:	5	11:	1		
30 APR	4	3.5	3:	17	6:	1	8:	3	21 JUN	5	3.5	6:	1	24:	1		
3 MAY	4	3.5	3:	12	8:	1			23 JUN	1	0.5	7:	12	8:	5		
4 MAY	4	7.0	3:	14	6:	4	7:	2	24 JUN	2	2.0						
			8:	8	9:	2			25 JUN	2	3.0	8:	2				
4 MAY	2	4.0	1:	3	8:	4			25 JUN	5	3.0	7:	10	8:	3	24:	2
5 MAY	4	3.5	6:	4	8:	28	13:	1	25 JUN	2	1.5	6:	2				
10 MAY	6	4.0	1:	2					26 JUN	1	3.5						
11 MAY	4	3.5	6:	3	8:	2			26 JUN	2	2.0	6:	1	7:	9	24:	4
16 MAY	2	2.0	6:	3					27 JUN	2	3.0	8:	3				
17 MAY	5	7.0	1:	1	3:	1	6:	8	27 JUN	2	4.0	1:	3	3:	1	6:	6
			8:	4	9:	2	13:	1				7:	11				
18 MAY	5	3.0	6:	2	8:	10			28 JUN	2	1.0	6:	1	7:	6	13:	1
19 MAY	2	1.0	6:	1	7:	3	8:	11	28 JUN	5	7.0	6:	4	7:	6	8:	2
			13:	9								24:	3				
19 MAY	1	0.5	3:	1	8:	3			30 JUN	5	4.5	6:	8	7:	1	24:	3
24 MAY	3	8.0	24:	3	38:	1			2 JUL	5	3.5	2:	1	5:	2	6:	4
25 MAY	1	3.0	3:	2	8:	6						17:	1				
26 MAY	5	7.0	1:	1	3:	4	6:	3	3 JUL	3	1.0	6:	8				
			7:	6	8:	3	13:	18	3 JUL	5	3.5	6:	15	7:	1	13:	1
28 MAY	2	1.5	3:	22	6:	1	7:	18	4 JUL	2	1.5	6:	7	13:	1	15:	4
			8:	4					5 JUL	5	5.0	6:	13	7:	10	24:	1
31 MAY	2	2.5	3:	7	6:	1	7:	4	5 JUL	2	2.5	6:	4	15:	1	20:	7
			13:	42					5 JUL	3	7.0	24:	1				
31 MAY	5	4.0	6:	4	7:	3	8:	3	7 JUL	2	3.0	36:	7				
			13:	1					7 JUL	3	1.0	6:	2				
2 JUN	3	8.0	24:	1					8 JUL	5	3.5	3:	8	13:	1		
3 JUN	4	2.0	7:	6					9 JUL	2	3.0	1:	1	6:	2		
3 JUN	3	1.0	6:	1					11 JUL	2	3.5	6:	4				
5 JUN	3	8.0	24:	4					12 JUL	2	3.5	6:	4	8:	10	11:	1
6 JUN	3	2.0	8:	3	13:	8						24:	2				
6 JUN	4	1.0	7:	8	13:	2			12 JUL	2	2.5	15:	14	20:	6	21:	7
6 JUN	2	2.5	3:	2	13:	32	20:	9	12 JUL	3	12.5						
7 JUN	1	2.0	6:	2	8:	7			13 JUL	3	10.0	22:	1				
8 JUN	3	2.0	1:	6					14 JUL	2	2.0	1:	9				

			24:	1				14 SEP	3	5.0	3:	4	5:	2	6:	5	
24 JUL	6	3.5	1:	2	6:	3	24:	1	21 SEP	2	6.5	1:	11				
24 JUL	2	3.5	6:	6				21 SEP	6	6.0	1:	6	6:	9			
25 JUL	6	7.0	1:	1	3:	1	6:	7	26 SEP	2	3.5	1:	1				
			24:	12				29 SEP	2	1.5	1:	6					
26 JUL	6	3.5	1:	4	6:	5	24:	2	2 OCT	3	3.0	1:	12	6:	2		
26 JUL	2	2.0	1:	2	6:	4	24:	2	3 OCT	2	3.0	1:	1	6:	3		
26 JUL	2	3.5	1:	1	6:	1			3 OCT	3	3.0	1:	4				
27 JUL	6	7.0	1:	4	6:	14	24:	5	5 OCT	2	7.0	1:	2	6:	12	14:	5
28 JUL	2	3.0	6:	3					5 OCT	3	7.0	1:	6	6:	1	12:	2
28 JUL	6	3.5	1:	1	6:	5	24:	1	6 OCT	3	1.5	1:	1	6:	4		
29 JUL	6	3.5	6:	12					8 OCT	2	4.0	1:	6	3:	2	6:	2
30 JUL	2	2.5	11:	1	20:	1	24:	3	10 OCT	2	3.5	6:	4				
1 AUG	6	3.5	6:	8	24:	1			12 OCT	3	7.0						
2 AUG	3	8.0	22:	1	24:	1			17 OCT	3	7.0						
2 AUG	2	3.0	1:	1	24:	2			25 OCT	6	3.0	1:	13	6:	1		
2 AUG	2	1.0	3:	1	6:	1			26 OCT	2	7.0	1:	14				
3 AUG	3	13.5	6:	1	11:	1	13:	2	26 OCT	6	3.0	1:	5				
3 AUG	3	8.0							9 NOV	6	3.0	6:	1				
3 AUG	3	3.0	6:	3	24:	2	39:	1									
4 AUG	3	6.0	6:	3													
6 AUG	3	1.5	1:	13	6:	3											
7 AUG	2	3.0	6:	6													
7 AUG	3	2.0	1:	4	6:	7											
8 AUG	3	1.0	1:	1													
8 AUG	2	3.0	1:	2	6:	6											
10 AUG	2	3.0	1:	4	8:	3	24:	1									
11 AUG	2	3.5	1:	3													
17 AUG	2	5.0	1:	15	6:	1											
17 AUG	3	12.0	6:	1	24:	1											
18 AUG	2	3.0	1:	8	3:	1											
18 AUG	3	2.0	1:	1													
19 AUG	2	4.5	1:	8	3:	5	6:	1									
19 AUG	3	2.5	6:	7	7:	1	22:	1									

APPENDIX TABLE 41. VOLUNTEERED 1985 NON-TROLLING CATCH AND EFFORT FROM NORTHWEST FLORIDA

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --				DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			
19 JAN	3	6.0	13: 12	14: 12	17: 2	21 APR	3	6.0+	20: 4	50: 29	62: 32		
			20: 10	62: 16		23 APR	3	5.0	6: 2	13: 3	14: 3		
8 MAR	3	0.5	13: 2						17: 15	18: 6	20: 11		
9 MAR	3	1.5	13: 12						50: 68	54: 3	118: 1		
25 MAR	3	4.0	17: 1			23 APR	2	4.0	2: 4				
27 MAR	2	3.0				25 APR	3	7.0	8: 2	13: 4	14: 17		
28 MAR	2	3.0	2: 1						16: 2	17: 11	20: 17		
30 MAR	3	4.0	14: 20	20: 2	50: 8				50: 101				
			62: 10	79: 1		26 APR	2	4.0	14: 2	15: 9	17: 3		
1 APR	3	5.0	14: 21	20: 4	62: 10				20: 16	50: 4			
			79: 2			26 APR	3	3.5	14: 16	20: 12	37: 1		
3 APR	2	3.5	15: 42	17: 4	20: 27				50: 12	62: 30			
			30: 34			27 APR	3	7.0	8: 2	14: 7	17: 1		
5 APR	2	8.0	2: 1	12: 1					18: 1	20: 20			
5 APR	3	6.0	14: 17	17: 9	20: 7	27 APR	6	3.0	14: 14	20: 4			
			50: 38			28 APR	3	9.5	13: 7	14: 9	16: 2		
6 APR	6	8.0	2: 1	12: 1	17: 1				17: 11	18: 6	20: 14		
			20: 10	50: 10					50: 56	54: 8			
9 APR	2	2.5	14: 2	15: 23	17: 2	3 MAY	3	7.0	13: 3	14: 21	16: 3		
			20: 9	50: 4					17: 12	18: 1	20: 9		
10 APR	2	6.0	2: 1						50: 102				
12 APR	2	2.0	20: 3			4 MAY	3	3.0	14: 24	20: 15	62: 20		
13 APR	3	3.0	14: 14	20: 8	62: 12	5 MAY	3	4.0	14: 3	20: 2			
14 APR	3	6.0				5 MAY	3	6.0	6: 1	8: 2	13: 7		
14 APR	2	6.0	2: 1						14: 27	16: 3	17: 40		
15 APR	3	12.0	6: 3	13: 4	14: 32				18: 1	20: 4	50: 42		
			16: 7	17: 28	18: 1				118: 1				
			20: 31	50: 50	62: 12	5 MAY	2	1.5	14: 2	20: 24	62: 6		
18 APR	2	6.0	2: 2			8 MAY	3	5.5	13: 3	14: 17	16: 2		
18 APR	3	8.0	6: 1	13: 7	14: 23				17: 19	18: 2	20: 7		
			16: 2	17: 9	20: 17				50: 63				
			50: 65	62: 11		8 MAY	3	2.5	14: 11	20: 14	62: 10		
19 APR	3	6.0	8: 2	14: 10	15: 1	9 MAY	2	1.5	14: 4	20: 24	62: 4		
			50: 75			10 MAY	3	3.5	6: 1	13: 14	14: 3		
19 APR	3	5.0	13: 4	14: 19	16: 1				17: 11	20: 6	50: 23		
			17: 3	20: 3	50: 41	10 MAY	3	2.0	14: 18	20: 17	62: 10		
			62: 8			11 MAY	3	5.0	14: 3	18: 1	20: 3		
19 APR	2	5.0	2: 1						50: 56				
20 APR	3	5.0	13: 9	14: 27	16: 2	11 MAY	2	3.0	14: 2	20: 42	62: 6		
			17: 9	20: 4	50: 84	12 MAY	2	2.0	20: 3	50: 16			
			62: 3			12 MAY	3	8.5	1: 1	6: 2	8: 2		
20 APR	3	2.5	6: 2	20: 12					13: 3	14: 7	16: 1		
20 APR	2	6.0	2: 3	6: 3	8: 10				17: 18	18: 1	20: 14		
21 APR	3	4.5	6: 1	13: 9	14: 23				23: 1	50: 81	62: 32		
			15: 1	16: 4	17: 12				118: 3				
			18: 3	20: 7	50: 31	12 MAY	3	5.0	6: 3	14: 20	16: 1		
21 APR	3	6.0	13: 25	14: 3	17: 2				20: 8	22: 1	50: 15		

APPENDIX TABLE 41. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---					
12 MAY	3	5.0+	62:	20			27 MAY	3	5.0+	20:	4	50:	120	62:	16
16 MAY	3	5.0	13:	2	14:	4	17:	1	28 MAY	3	3.0	14:	14	20:	5
			50:	27								62:	15		
16 MAY	2	1.0	6:	1	14:	3	20:	7	28 MAY	2	1.0	13:	31	15:	4
17 MAY	2	2.0	6:	4	14:	4	20:	8	31 MAY	3	3.0	13:	37		
			50:	6	62:	10			31 MAY	3	3.0	14:	14	20:	5
18 MAY	3	6.0	13:	13	20:	8	50:	42	1 JUN	3	6.0	13:	26	14:	1
			62:	36					1 JUN	3	3.0	14:	14	20:	4
18 MAY	3	8.0	13:	6	20:	1	50:	75	2 JUN	3	3.0	6:	4	14:	13
18 MAY	5	4.0	13:	30								62:	10		
18 MAY	3	4.0	6:	1	14:	6	20:	12	3 JUN	3	3.0	13:	19		
			50:	10	62:	20			4 JUN	2	1.5	14:	1	20:	5
19 MAY	3	6.0	7:	7	13:	11	17:	2	6 JUN	3	2.0	13:	2		
			20:	5	50:	65	54:	2	6 JUN	4	6.0	13:	48		
			62:	20					7 JUN	3	6.5	1:	1	3:	3
19 MAY	3	6.0	13:	30								17:	12	18:	1
19 MAY	2	5.0	15:	9	20:	42	50:	10				24:	1		
			85:	41					7 JUN	3	4.0	7:	1	13:	38
19 MAY	2	2.5	6:	1	17:	1			7 JUN	2	4.0	13:	26		
19 MAY	2	4.0	13:	4	20:	4			8 JUN	3	0.5	14:	6		
20 MAY	2	5.5	13:	3	15:	14	17:	3	8 JUN	2	5.0	6:	2	13:	28
			20:	56	50:	17			8 JUN	3	12.0	6:	1	14:	31
21 MAY	3	5.0	14:	14	20:	2	62:	40				17:	11	20:	4
23 MAY	3	7.0	8:	2	13:	1	14:	9	9 JUN	3	4.0	1:	1	6:	1
			16:	2	17:	4	18:	1				15:	3	16:	1
			20:	8	50:	70	82:	1				20:	6	50:	110
24 MAY	3	2.5	13:	3	14:	3	17:	7	10 JUN	3	1.0	14:	19	62:	4
			20:	7	50:	27			10 JUN	2	6.0	13:	63	15:	9
25 MAY	3	6.0	7:	8	13:	1	17:	3				50:	2		
			20:	3	50:	41	62:	15	11 JUN	2	0.5	13:	1	20:	3
25 MAY	3	3.5	14:	30	20:	2	62:	4	13 JUN	2	3.0	14:	2	20:	3
25 MAY	3	8.0	6:	3	13:	9	14:	11	13 JUN	3	4.0	13:	18	17:	1
			16:	8	17:	7	20:	17	13 JUN	2	1.5	36:	7		
			50:	62					14 JUN	2	1.5	15:	4	20:	11
25 MAY	3	5.0	13:	6	20:	2	50:	83	16 JUN	3	4.0	6:	4	20:	4
26 MAY	3	3.0	14:	24	17:	1	20:	4	16 JUN	3	5.0	6:	2	8:	1
			62:	5								50:	41		
26 MAY	3	8.5	6:	4	13:	7	14:	4	18 JUN	3	1.5	6:	4	14:	10
			15:	3	16:	3	17:	11	19 JUN	3	2.0	20:	22		
			18:	1	20:	7	50:	142	20 JUN	3	2.0	20:	18		
			62:	31					20 JUN	3	3.5	13:	6	14:	1
26 MAY	3	6.0	6:	1	7:	10	14:	1				16:	2	17:	31
			17:	3	20:	10	50:	48				50:	16	54:	9
			54:	2	62:	26			20 JUN	3	3.0	6:	4	14:	19
26 MAY	2	5.0	13:	3	14:	1	17:	2	21 JUN	3	2.5	6:	5	12:	1
			50:	18								20:	5	62:	8
27 MAY	3	5.0	14:	10	15:	4	17:	7	21 JUN	3	4.0	14:	4	20:	6

APPENDIX TABLE 41. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---					DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---						
21 JUN	3	5.0	13:	7	14:	9	17:	11	30 JUN	3	5.0	6:	2	14:	1	20:	5
			20:	6	50:	3	54:	6				50:	10	54:	1	62:	15
			62:	6								75:	1				
22 JUN	3	5.5	13:	16	14:	1	15:	3	1 JUL	3	3.5	6:	6	14:	17	20:	4
			16:	1	17:	8	20:	11				62:	20	79:	1		
			50:	8					2 JUL	2	1.5	6:	5	20:	13	37:	1
22 JUN	3	10.0	6:	1	13:	9			2 JUL	3	3.5	20:	11	50:	43		
22 JUN	3	4.0	13:	2	14:	2	50:	16	3 JUL	3	4.0	13:	43	20:	10	50:	2
22 JUN	3	3.0	6:	4	14:	5	20:	4	3 JUL	3	2.0	13:	10	20:	1	50:	30
			24:	1	62:	25	79:	2	3 JUL	3	4.0	6:	6	8:	1	14:	6
23 JUN	3	5.0	6:	2	8:	2	13:	17				20:	5	22:	1	62:	15
			14:	1	15:	3	17:	4	4 JUL	3	4.0	13:	1	20:	5	24:	1
			18:	1	20:	9	50:	47				50:	70				
23 JUN	3	4.0	13:	16	24:	1			4 JUL	2	2.0	6:	4	20:	15	62:	10
23 JUN	3	3.0	6:	6	14:	4	20:	12	5 JUL	3	2.0	6:	3	14:	8	17:	1
			62:	40								20:	4	62:	10		
23 JUN	3	3.0	13:	2	14:	3	20:	8	7 JUL	3	2.0	13:	20				
			50:	42					8 JUL	3	5.0	6:	2	13:	2	14:	2
24 JUN	3	6.0	13:	7								17:	14	20:	27	36:	1
24 JUN	2	4.0	7:	7	13:	6	15:	2				50:	7	62:	16		
			20:	10	24:	3	36:	31	9 JUL	2	2.0	15:	11	17:	1	20:	8
24 JUN	2	1.5	6:	5	14:	2	20:	3				50:	1				
25 JUN	2	2.5	13:	6	15:	2	20:	11	10 JUL	3	8.0	1:	1	6:	3	13:	3
25 JUN	3	2.5	6:	5	14:	4	20:	4				14:	5	16:	1	17:	8
			62:	45								20:	11	50:	17	62:	4
26 JUN	2	3.0	13:	6	15:	2	20:	8	11 JUL	3	3.0	6:	6	14:	7	20:	5
27 JUN	2	1.5	6:	2	20:	17						62:	20				
27 JUN	2	3.0	15:	2	17:	3	20:	7	12 JUL	3	2.5	6:	7	7:	4	14:	5
			50:	2								20:	7	24:	32	62:	15
28 JUN	3	6.0	12:	1	13:	3	20:	15	13 JUL	2	1.5	6:	4	20:	4	62:	14
			50:	22	54:	1	62:	13	13 JUL	3	5.0	13:	2	17:	2	50:	7
28 JUN	3	2.5	6:	1	20:	2	50:	10				62:	60				
28 JUN	3	5.5	6:	2	13:	4	14:	3	13 JUL	3	6.0	14:	6	16:	5	17:	3
			16:	2	17:	7	18:	1				18:	2	20:	31	23:	1
			20:	17	36:	3	50:	32				24:	7	50:	62	62:	11
			54:	3	62:	7			14 JUL	2	3.0	14:	3	20:	3	50:	40
29 JUN	3	3.0	6:	7	14:	7	20:	8	14 JUL	2	1.0	15:	6	20:	2		
			62:	50					16 JUL	3	3.0	6:	6	17:	1	20:	11
29 JUN	3	6.0	14:	1	20:	10	50:	31				24:	15	62:	20		
			62:	18					17 JUL	2	1.5	15:	1	20:	9		
29 JUN	3	4.0	6:	3	14:	2	20:	8	19 JUL	2	1.5	20:	5	24:	4	62:	2
			50:	36					20 JUL	2	2.5	15:	7	17:	2	20:	31
29 JUN	3	5.5	6:	1	13:	7	14:	11	20 JUL	2	3.0	50:	28				
			16:	3	17:	5	18:	1	23 JUL	3	5.5	6:	2	11:	1	13:	2
			20:	14	50:	21	62:	6				14:	1	16:	1	17:	1
			118:	1								18:	1	20:	23	24:	4
30 JUN	3	1.0										50:	18	118:	1		

APPENDIX TABLE 41. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---		
24 JUL	3	5.0	6: 1	13: 1	14: 3	11 AUG	3	14.0+	20: 3	24: 1	37: 3
			17: 4	20: 14	24: 7				50: 40	62: 18	
			50: 36			12 AUG	3	5.0	14: 1	17: 1	20: 5
26 JUL	3	4.0	14: 3	17: 7	20: 28				50: 52		
			50: 1	62: 7		13 AUG	2	2.0	6: 1	15: 9	17: 1
26 JUL	2	1.0	13: 1	20: 7	62: 8				20: 21		
27 JUL	2	4.5	1: 1	6: 1	15: 8	14 AUG	3	1.5	2: 1	6: 6	20: 4
			17: 1	20: 42	24: 1				62: 6		
27 JUL	3	2.5	6: 7	14: 6	17: 2	17 AUG	3	5.0	20: 2	50: 8	
			20: 9	50: 10	62: 20	18 AUG	3	3.0	50: 15		
27 JUL	3	5.0	1: 1	6: 6	14: 1	19 AUG	3	2.0	14: 2	17: 1	20: 4
			20: 8	50: 40					62: 6		
27 JUL	3	6.0	14: 1	20: 6	24: 8	19 AUG	2	2.5	15: 9	17: 2	20: 17
			50: 36	54: 1	62: 17				36: 3	73: 7	
29 JUL	2	1.5	20: 11	62: 2		21 AUG	2	1.0	2: 1	15: 6	17: 1
31 JUL	3	8.0	6: 2	8: 1	13: 3				20: 11		
			14: 18	16: 7	17: 1	22 AUG	2	2.5	6: 1	15: 1	20: 6
			20: 6	23: 1	36: 2				73: 1		
			50: 67	62: 41		23 AUG	2	1.0	13: 8	15: 1	20: 8
31 JUL	2	1.5	20: 11	62: 1					50: 1		
1 AUG	3	2.0	13: 4	20: 3	50: 3	24 AUG	3	3.0	13: 20	14: 10	20: 15
1 AUG	3	2.5	6: 2	14: 1	17: 2				62: 10		
			20: 8	62: 20		4 SEP	2	6.0	14: 7	17: 17	54: 2
1 AUG	3	4.5	2: 2	6: 2	14: 1	6 SEP	3	8.0	5: 2	7: 2	13: 41
			17: 3	18: 1	20: 38				14: 5	17: 3	18: 2
			36: 2	50: 31	62: 18				62: 37		
2 AUG	2	5.0	2: 1	6: 4	13: 7	7 SEP	2	5.5	14: 7	17: 13	20: 3
			14: 1	20: 31	24: 1	7 SEP	3	4.0	16: 16	17: 24	18: 1
3 AUG	3	3.5	6: 4	14: 3	20: 13				20: 18		
			24: 3	62: 30		7 SEP	2	5.0	2: 1	13: 2	14: 11
3 AUG	3	3.0	14: 1	50: 60					15: 3	17: 27	18: 1
3 AUG	3	5.5	6: 4	13: 2	17: 2				36: 3		
			20: 11	50: 38	62: 23	8 SEP	3	6.0	13: 14	14: 22	16: 1
5 AUG	3	5.0	13: 6	14: 5	16: 4				17: 47	18: 1	20: 1
			17: 5	18: 1	20: 3				36: 1	50: 21	62: 16
			42: 1	50: 46	62: 16	8 SEP	3	5.0	13: 5	14: 12	17: 41
6 AUG	3	1.5	13: 7	14: 3	20: 13				20: 4		
6 AUG	3	6.0	6: 2	13: 2	14: 7	9 SEP	3	3.0	14: 2	17: 21	
			16: 8	17: 17	18: 1	10 SEP	2	4.0	2: 2	14: 6	15: 5
			20: 46	24: 2	50: 16				17: 4	24: 1	
			62: 8			11 SEP	2	1.0	2: 1	17: 4	
7 AUG	3	1.0	13: 8	20: 12		12 SEP	2	2.5	14: 2	20: 60	
8 AUG	3	2.0	13: 5	20: 11		12 SEP	3	2.0	13: 1	17: 19	18: 1
10 AUG	3	2.0	6: 3	13: 4	14: 1				20: 5	50: 5	
			17: 1	20: 11	62: 15	12 SEP	3	7.5	5: 4	13: 17	14: 18
11 AUG	3	14.0	6: 2	13: 3	14: 8				16: 1	17: 46	18: 1
			16: 22	17: 16	18: 1				20: 1	36: 1	50: 20

APPENDIX TABLE 41. (CONTINUED).

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---						
12 SEP	3	7.5+	62:	11		10 OCT	2	2.5	13:	1	14:	11	17:	2	
13 SEP	3	4.0	2:	1	6:	1	14:	42	20:	15					
			15:	7	17:	21	18:	1	10 OCT	3	9.0	14:	60	17:	30
			20:	3	50:	2	62:	2	11 OCT	2	6.0	14:	12	17:	2
13 SEP	2	5.5	17:	36	18:	12	20:	20	11 OCT	3	3.0	7:	2	14:	10
13 SEP	3	4.0	6:	1	13:	7	14:	20				20:	8		
			17:	6	18:	1	20:	10	11 OCT	3	7.0	13:	6	14:	3
15 SEP	3	4.0	14:	10	17:	12	20:	42				18:	3	20:	20
19 SEP	2	3.0	17:	1	20:	11						50:	10	54:	1
20 SEP	2	6.0	14:	14	17:	18	20:	12	12 OCT	3	5.0	13:	5	14:	13
20 SEP	3	2.0	13:	5	17:	3			12 OCT	3	3.0	14:	24	18:	1
20 SEP	3	3.0	14:	14	15:	3	17:	1	12 OCT	3	4.5	1:	3	5:	17
			20:	25	62:	10						6:	1		
21 SEP	3	5.0	13:	10	14:	11	17:	10				13:	4	14:	67
			18:	1	20:	4	62:	10				16:	4		
21 SEP	3	4.0	6:	3	14:	18	17:	6	13 OCT	3	2.5	17:	43	18:	11
			20:	14								20:	14	20:	14
22 SEP	2	5.5	14:	10	17:	11	20:	15	13 OCT	2	5.0	50:	2	62:	21
22 SEP	3	2.5	6:	3	14:	8	17:	1	13 OCT	3	5.5	6:	3	14:	12
			18:	1	20:	30	62:	40				18:	1	20:	12
27 SEP	3	3.0	14:	8	17:	3	20:	26				17:	42	18:	8
			62:	8					17 OCT	3	3.5	20:	14	22:	2
27 SEP	2	3.0	14:	15	17:	4	20:	12				5:	16	13:	2
28 SEP	3	4.5	2:	1	5:	3	6:	2	18 OCT	3	3.0	14:	28	16:	3
			9:	2	13:	7	14:	42				15:	1	17:	4
			15:	2	17:	23	18:	3	19 OCT	3	5.0	20:	8	13:	6
			20:	17	36:	9	62:	14				50:	6	20:	3
28 SEP	2	4.0	6:	1	14:	4	17:	1	19 OCT	3	4.0	6:	7	13:	12
			20:	5								14:	3	17:	10
28 SEP	3	3.0	6:	2	14:	7	17:	2	19 OCT	3	4.0	20:	12	50:	21
			20:	18	62:	6						62:	6		
29 SEP	3	2.0	14:	7	17:	1	20:	14	19 OCT	3	3.5	5:	7	14:	32
1 OCT	3	2.0	13:	1	14:	1	17:	11				15:	2	17:	2
			20:	7	50:	1	54:	1	19 OCT	2	5.0	17:	21	18:	1
4 OCT	2	3.0	14:	10	17:	1	20:	10	20 OCT	3	2.5	20:	7	14:	28
4 OCT	3	2.5	6:	2	13:	4	14:	17				16:	3	14:	28
			17:	5	18:	7	20:	14	20 OCT	3	4.0	17:	2	18:	1
5 OCT	3	3.0	6:	6	13:	6	14:	10				20:	12		
			17:	3	18:	2	20:	10	20 OCT	3	4.0	5:	1	14:	28
			23:	1								15:	2	17:	19
6 OCT	3	3.0	14:	23	17:	1	20:	6	21 OCT	2	1.5	17:	24	18:	2
7 OCT	3	2.0	13:	2	14:	1	17:	2	22 OCT	3	2.5	62:	7	20:	9
			20:	23								14:	4	20:	6
8 OCT	2	5.0	1:	2	4:	1	14:	3				18:	4	20:	6
			15:	7	17:	23	20:	9	23 OCT	3	5.5	50:	7	50:	1
			50:	11								62:	7		
8 OCT	3	1.0	14:	14	20:	2						14:	16	16:	3
												17:	19	17:	19
												18:	3	20:	11
												50:	3	50:	3
												62:	9		

APPENDIX TABLE 41. (CONTINUED).

DATE	ZONE	HOURS						
		FISHED	-- CATCH PER SPECIES ---					
24 OCT	3	6.0	13:	4	14:	7	17:	3
			18:	2	20:	20	50:	21
24 OCT	3	1.5	13:	6	14:	2	17:	1
			20:	25				
24 OCT	3	4.0	1:	1	5:	2	13:	2
			14:	31	17:	16	18:	2
			20:	11	36:	6	62:	17
			70:	1				
25 OCT	2	9.0	1:	5	5:	1	13:	1
			14:	4	17:	9	18:	2
			20:	5	36:	23	70:	1
26 OCT	2	2.0	1:	12	36:	1		
10 NOV	3	5.0	13:	1	14:	10	17:	6
			18:	1	20:	5	50:	20
			62:	10				
17 NOV	2	5.0	14:	14	17:	11	20:	62
26 NOV	3	5.0	13:	3	14:	32	15:	3
			17:	31	18:	2	50:	4
27 NOV	3	4.5	14:	38	17:	7	20:	2
			50:	2	62:	1		
29 NOV	2	4.0	14:	19	17:	2		
30 NOV	2	3.0	14:	4				

APPENDIX TABLE 42. VOLUNTEERED 1985 TROLLING CATCH AND EFFORT FROM ALABAMA

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---				DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---			
8 JUL	2	3.0	3:	4	6:	6	8:	4					
11 JUL	2	7.0	1:	6	3:	6	6:	8					
			8:	4	12:	1							
12 JUL	2	8.0	1:	8	3:	6	6:	4					
			8:	2	24:	1							

APPENDIX TABLE 3. VOLUNTEERED 1985 NON-TROLLING CATCH AND EFFORT, FROM BEANAMA

HOURS				HOURS			
DATE	ZONE	FISHED	CATCH PER SPECIES	DATE	ZONE	FISHED	CATCH PER SPECIES
8 JUL	6	1.0	2: 2 14: 1	14: 7	14: 1	0.0	3
				14: 10	14: 1	0.0	3
				14: 13	14: 1	0.0	3
				14: 16	14: 1	0.0	3
				14: 19	14: 1	0.0	3
				14: 22	14: 1	0.0	3
				14: 25	14: 1	0.0	3
				14: 28	14: 1	0.0	3
				14: 31	14: 1	0.0	3
				14: 34	14: 1	0.0	3
				14: 37	14: 1	0.0	3
				14: 40	14: 1	0.0	3
				14: 43	14: 1	0.0	3
				14: 46	14: 1	0.0	3
				14: 49	14: 1	0.0	3
				14: 52	14: 1	0.0	3
				14: 55	14: 1	0.0	3
				14: 58	14: 1	0.0	3
				14: 61	14: 1	0.0	3
				14: 64	14: 1	0.0	3
				14: 67	14: 1	0.0	3
				14: 70	14: 1	0.0	3
				14: 73	14: 1	0.0	3
				14: 76	14: 1	0.0	3
				14: 79	14: 1	0.0	3
				14: 82	14: 1	0.0	3
				14: 85	14: 1	0.0	3
				14: 88	14: 1	0.0	3
				14: 91	14: 1	0.0	3
				14: 94	14: 1	0.0	3
				14: 97	14: 1	0.0	3
				14: 100	14: 1	0.0	3

APPENDIX TABLE 44. VOLUNTEERED 1985 NON-TROLLING CATCH AND EFFORT FROM NORTH TEXAS

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---		
20 APR	3	6.0	14: 76	20: 2	29: 7						
24 APR	3	4.5	14: 61	36: 17							
3 MAY	3	1.0	14: 16	20: 8							
4 JUL	3	7.0	1: 4	5: 4							
5 JUL	3	6.0	1: 7	6: 3	12: 1						
6 JUL	3	5.5	1: 8	13: 1	14: 10						
			20: 5								
12 JUL	3	6.5	1: 6	6: 8							
13 JUL	3	5.0	1: 17	3: 1	6: 3						
20 JUL	3	7.0	2: 1	6: 13	24: 27						
21 JUL	3	6.0	1: 15	6: 17							
23 JUL	3	4.0	1: 13	6: 6	24: 2						
24 JUL	3	5.0	1: 9	6: 19	24: 21						
25 JUL	3	5.0	1: 14	6: 3							
26 JUL	3	5.0	1: 20								
27 JUL	3	6.0	2: 1	6: 17	24: 30						
28 JUL	3	4.5	1: 39	6: 8							
31 JUL	3	6.0	1: 11	2: 1	6: 17						
3 AUG	3	6.0	1: 13	6: 14	24: 16						
10 AUG	3	7.0	1: 5	6: 22	24: 44						
			39: 1								
23 AUG	3	7.0	1: 8	6: 2	24: 11						
24 AUG	3	6.0	1: 7	2: 1	6: 6						
			24: 46								
31 AUG	3	6.0	1: 1	2: 1	24: 11						
14 SEP	3	1.0	14: 7	20: 2							

APPENDIX TABLE 45. VOLUNTEERED 1985 TROLLING CATCH AND EFFORT FROM SOUTH TEXAS

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --		
13 APR	6	4.0	8:	1		13 JUL	6	4.0	6:	1	
14 APR	6	5.0				14 JUL	6	4.0	6:	4	
15 APR	6	4.0				15 JUL	6	8.0	6:	44	
17 APR	3	4.0	8:	1		16 JUL	6	4.0	6:	20	
20 APR	6	4.0	8:	18	12: 3	17 JUL	6	4.0	3:	1 6: 30	
21 APR	6	6.0	8:	22	12: 3	18 JUL	6	4.0	1:	2 6: 22	
25 APR	6	8.0	1:	1	8: 67 12: 5	19 JUL	6	4.0	6:	18	
			24:	1		20 JUL	6	4.0	6:	12	
27 APR	6	7.0	2:	1	8: 44 12: 6	21 JUL	6	4.0	1:	3 6: 18	
4 MAY	6	4.0	8:	2		22 JUL	6	4.0	1:	2 6: 24	
5 MAY	6	4.0	8:	8		23 JUL	6	12.0	22:	1 39: 1	
11 MAY	6	10.0				24 JUL	6	8.0	3:	2 6: 32	
12 MAY	1	3.0				25 JUL	6	4.0	1:	3 3: 1 6: 9	
18 MAY	6	2.5	8:	13		26 JUL	6	8.0	6:	31	
19 MAY	6	4.0	8:	6		27 JUL	6	4.0	6:	17 7: 4	
20 MAY	6	4.0				28 JUL	6	4.0			
21 MAY	6	5.0	8:	5	12: 2	30 JUL	6	4.0	6:	7	
24 MAY	6	4.0	8:	7		2 AUG	6	4.0			
25 MAY	6	4.0	1:	1	8: 3	3 AUG	6	8.0	6:	12 23: 1	
26 MAY	6	8.0	8:	12	24: 1	5 AUG	6	4.0	1:	1 6: 4	
31 MAY	6	5.0	6:	2	23: 1	6 AUG	6	8.0	6:	35	
1 JUN	6	4.0				7 AUG	6	8.0	6:	14 7: 2	
2 JUN	6	4.0	8:	1		8 AUG	6	8.0	6:	19 7: 5	
3 JUN	6	5.0	8:	8		9 AUG	6	8.0	6:	24	
5 JUN	6	3.0	8:	3		10 AUG	6	8.0	6:	18 7: 5 24: 4	
7 JUN	6	4.0	8:	2		11 AUG	6	4.0			
8 JUN	6	9.0	8:	3	11: 1	13 AUG	3	11.0	21:	1	
10 JUN	6	4.0	8:	1		15 AUG	6	3.0	6:	19	
11 JUN	6	8.0	1:	1	8: 13	16 AUG	6	4.0	6:	23	
13 JUN	6	4.0	8:	1		17 AUG	6	4.0			
14 JUN	6	4.0				18 AUG	6	8.0	6:	15	
15 JUN	6	4.0	8:	4		19 AUG	6	8.0	6:	14	
17 JUN	6	5.0	6:	7		20 AUG	6	8.0	6:	17	
18 JUN	6	5.0	6:	4		22 AUG	6	4.0	6:	3	
19 JUN	6	4.0	6:	3		23 AUG	6	8.0	6:	9	
28 JUN	6	6.0	6:	41	7: 2	24 AUG	6	4.0	1:	1	
29 JUN	6	6.0	6:	22		27 AUG	6	4.0	6:	1	
30 JUN	6	10.0	6:	26	23: 2	30 AUG	6	4.0	6:	2	
1 JUL	6	4.0	6:	15		31 AUG	6	8.0	6:	39	
2 JUL	6	6.0	6:	18		2 SEP	6	4.0	6:	17	
5 JUL	6	8.0	6:	4							
6 JUL	6	5.0	3:	2	6: 18 7: 1						
7 JUL	6	4.0	1:	9	3: 2						
10 JUL	6	4.0	1:	1	6: 21 7: 9						
			24:	1							
11 JUL	6	8.0	1:	8	6: 44 7: 3						
12 JUL	6	5.0	3:	1	6: 16 7: 6						

APPENDIX TABLE 46. VOLUNTEERED 1985 NON-TROLLING CATCH AND EFFORT FROM SOUTH TEXAS

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --			DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					
10 FEB	3	6.0	14:	15		11 AUG	3	5.0+	76:	4	85:	14		
16 FEB	3	6.0	14:	150		15 AUG	3	6.0	14:	2	85:	1		
17 FEB	3	6.0	14:	400		17 AUG	3	5.0	14:	211	16:	3	17:	3
18 FEB	3	6.0	14:	678					18:	2	20:	1	85:	5
19 FEB	3	6.0	14:	550		22 AUG	3	5.0	14:	288	17:	2	20:	2
21 FEB	3	6.0	14:	378					23:	2	24:	3	85:	6
26 FEB	3	6.0	14:	58		24 AUG	3	5.0	14:	297	20:	1	24:	3
2 MAR	3	5.0	14:	158					85:	2				
10 MAR	3	6.0	14:	360		30 AUG	3	5.0	14:	158	18:	1	20:	1
13 MAR	3	6.0	14:	150					24:	5	76:	4	85:	5
13 APR	3	6.0	14:	35	35:	2								
14 APR	3	6.0	8:	2	14:	1	28:	2						
15 APR	3	1.0	14:	40										
16 APR	3	6.0	14:	28										
17 APR	3	5.0	14:	158										
21 APR	3	3.0	14:	72	75:	3								
4 MAY	3	6.0	14:	423										
5 MAY	3	6.0	14:	85	75:	10								
20 MAY	3	8.0	14:	378	17:	1	20:	2						
24 MAY	3	6.0	14:	233	20:	2	76:	3						
25 MAY	3	6.0	14:	87	85:	3								
1 JUN	3	5.0	14:	97										
2 JUN	3	5.0	14:	138	20:	2	42:	1						
14 JUN	3	5.0	13:	1	14:	167	76:	1						
			85:	2										
15 JUN	3	5.0	2:	1	14:	89	85:	2						
29 JUN	3	3.0	14:	78	81:	1	85:	1						
6 JUL	3	4.0	14:	57										
12 JUL	3	4.0	14:	38	20:	1	24:	1						
			76:	3										
13 JUL	3	6.0	14:	72	17:	1	20:	1						
			76:	2										
14 JUL	3	5.0	7:	1	14:	78	17:	2						
			18:	1	20:	1	36:	2						
			75:	10	76:	3	85:	2						
16 JUL	3	5.0	14:	127	17:	3	18:	1						
			75:	1	76:	4	85:	1						
			142:	2										
19 JUL	3	5.0	14:	378	42:	1	76:	2						
			85:	8										
20 JUL	3	4.0	14:	115	17:	1	22:	1						
			62:	1	76:	3	85:	5						
28 JUL	3	5.0	14:	128	76:	5	85:	3						
2 AUG	3	5.0	14:	56	15:	1	20:	1						
			36:	1	85:	6								
5 AUG	3	5.0	14:	236	20:	2	85:	4						
11 AUG	3	5.0	14:	368	17:	1	20:	2						