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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 Cont	Phase 1 Vol	Phase 2 Cont	Phase 2 Vol	Phase 3 Cont	Phase 3 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	
		21	3	43	14	17	

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

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

Table 2. Continued

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

Table 2. Continued

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

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

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

Table 3. Continued

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

Table 3. Continued

Common Name	Scientific Name	Species Code
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

FOR	OFFICE	USE	ONLY
13			

LOG FOR Mar 31 - Apr 6

DAY		SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		COMMENTS
FISHING METHOD		TROLL	OTHER	TROLL	OTHER	TROLL	OTHER	TROLL	OTHER	TROLL	OTHER	TROLL	OTHER	TROLL	OTHER	
FISHING ZONE(S)																
HOURS ACTUALLY FISHED																
SPECIES						NUMBER CAUGHT										
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 TRIGGERFISH	20															
TARGET GROUP		1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	
		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 ---					
20 APR	3	6.0	21:	2	22:	1		
26 APR	2	3.0	1:	4	6:	2		
27 APR	3	7.0	1:	18	6:	2	13:	1
			14:	1				
9 MAY	3	7.0	21:	1	24:	1		
12 MAY	3	4.0	21:	1				
19 MAY	3	7.0	21:	2	22:	1	24:	1
			38:	1				
28 MAY	3	7.0	21:	2	22:	2	24:	1
29 MAY	3	7.0	21:	1	22:	1	24:	3
1 JUN	3	7.0	21:	2	22:	1	24:	3
3 JUN	3	6.0						
5 JUN	3	6.0						
6 JUN	2	3.0	1:	4	11:	1		
6 JUN	3	6.0	38:	1				
7 JUN	3	5.0	1:	8	21:	4	22:	2
			24:	3				
8 JUN	3	7.0	21:	3	22:	1		
8 JUN	3	6.0						
9 JUN	3	5.0	21:	2	22:	1	24:	8
11 JUN	3	5.0	22:	1	24:	10		
11 JUN	2	4.0	1:	2				
14 JUN	2	4.0	1:	21	6:	2	11:	1
			13:	1	24:	2		
14 JUN	2	3.0	1:	4	3:	1		
15 JUN	3	5.0	1:	10	21:	3	22:	2
			24:	3				
17 JUN	2	2.0	1:	2				
18 JUN	2	2.0	1:	1	3:	1		
21 JUN	2	4.0	1:	2				
23 JUN	3	6.0	1:	2	24:	1		
24 JUN	2	3.0	1:	3	3:	2		
26 JUN	2	3.0	1:	5				
1 JUL	2	6.0	1:	5				
2 JUL	2	2.0	1:	3				
3 JUL	3	5.5	1:	5	24:	10		
4 JUL	2	2.0	1:	2				
5 JUL	3	6.0	1:	9	8:	1	23:	1
6 JUL	3	6.0	1:	5	24:	3		
6 JUL	2	2.0	1:	4				
7 JUL	3	6.0	1:	12	3:	1	6:	2
			11:	2	13:	1	21:	1
			24:	5				
8 JUL	3	8.0	1:	9	21:	2	22:	2
			24:	1				
9 JUL	2	3.0	1:	4				
9 JUL	3	6.0	1:	9	6:	4	24:	3
10 JUL	2	3.0	1:	3	3:	2	11:	1
10 JUL	2	3.0	1:	3	3:	2	8:	1
11 JUL	3	6.0	1:	11	13:	1		
12 JUL	3	7.0	1:	6	6:	2	13:	1
12 JUL	3	6.0	1:	6	22:	1	24:	1
13 JUL	2	3.0	13:	1	29:	2		
15 JUL	2	3.0	1:	2	3:	1	11:	1
17 JUL	3	5.0	1:	4	8:	1	24:	1
19 JUL	2	3.0	1:	1	11:	1		
20 JUL	3	6.0	1:	2	21:	2	24:	3
			55:	1				
22 JUL	2	3.0	1:	2	3:	2		
23 JUL	2	3.0	1:	2	36:	1		
23 JUL	3	6.0	1:	15	6:	2	24:	1
24 JUL	2	3.0	1:	1	36:	1		
26 JUL	2	2.0						
27 JUL	3	5.0	1:	6	11:	1		
29 JUL	1	2.5	3:	5	11:	2	13:	1
31 JUL	3	4.0	1:	6	11:	2		
2 AUG	3	8.0	21:	4				
2 AUG	3	8.0	21:	1	22:	1		
5 AUG	3	8.0	8:	2	21:	4	22:	1
			24:	3				
7 AUG	2	3.0	3:	12	8:	4		
8 AUG	2	7.0	1:	6	3:	3	6:	1
			13:	1				
8 AUG	2	3.0	3:	37	8:	2		
9 AUG	3	9.0	1:	17	8:	4	11:	12
			21:	2	22:	1		
10 AUG	3	9.0	21:	1	38:	1	39:	1
11 AUG	3	8.0	11:	4	21:	1	38:	1
			39:	1				
13 AUG	3	7.0	8:	4	11:	17	22:	2
			24:	1				
15 AUG	2	3.0	3:	17	8:	3	11:	2
16 AUG	2	3.0	3:	12	8:	2	11:	2
			13:	1				
19 AUG	2	3.0	1:	3	3:	4	8:	1
20 AUG	2	3.0	1:	1	3:	11	8:	3
21 AUG	2	3.0	3:	17	8:	1		
23 AUG	2	3.0	1:	3	11:	3		
24 AUG	3	7.0	1:	25	3:	3	6:	5
			11:	2	22:	1	23:	1
			24:	5				
27 AUG	1	3.0	1:	2	3:	4	8:	1
28 AUG	1	3.0	1:	1	11:	2	13:	1
28 AUG	3	6.0	1:	22	6:	11	11:	1

APPENDIX TABLE 3. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
28 AUG	3	6.0+	13:	3	24:	2		
29 AUG	3	6.0	1:	15	6:	8	11:	6
			21:	2				
30 AUG	1	3.0	1:	4	8:	1		
30 AUG	3	8.0	1:	4	6:	15	7:	1
			11:	5	13:	1	21:	2
31 AUG	3	8.0	1:	5	6:	11	11:	3
			13:	2	21:	1	22:	1
			24:	2				
2 SEP	2	3.0	3:	6	8:	1	11:	1
			13:	1				
4 SEP	2	3.0	1:	2	3:	4		
4 SEP	3	6.0	1:	13	6:	6	20:	10
6 SEP	3	8.0	11:	2	21:	3	38:	1
7 SEP	3	6.0	1:	6	6:	6	11:	1
			21:	10	22:	2	24:	4
7 SEP	3	8.0	1:	2	11:	11	21:	3
			22:	5	24:	2		
9 SEP	2	3.0	1:	2	3:	4		
10 SEP	2	3.0	1:	1	3:	7	8:	1
11 SEP	6	3.0	1:	3				
12 SEP	3	4.0	1:	15	6:	4	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
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
4 OCT	2	3.0	1:	2	8:	2		
5 OCT	6	7.0	1:	12	8:	6	11:	3
			13:	3				
5 OCT	2	4.0	1:	6	11:	1	12:	1
			13:	2				
6 OCT	2	5.0	1:	15	3:	1	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
12 OCT	2	3.0	8:	3				
15 OCT	2	5.0	1:	30	3:	1	6:	4
16 OCT	2	5.0	1:	27	3:	2	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				
20 OCT	1	3.0	1:	5				
23 OCT	2	2.0	1:	4				
23 OCT	3	6.0	1:	27	3:	1	6:	2
			11:	2	13:	1		
2 NOV	6	3.0	11:	1	36:	1		
6 NOV	2	2.0	1:	4				
9 NOV	3	6.0	1:	11	6:	2	21:	2
			22:	1				
11 NOV	2	2.0	1:	5				
13 NOV	6	7.0	1:	16				
14 NOV	6	6.0	1:	9				
15 NOV	2	2.0	1:	4				
16 NOV	2	2.0	1:	7				

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 ---					
14 APR	2	1.5	6:	5				
17 APR	2	2.0						
20 APR	2	2.0	1:	4	6:	3		
22 APR	2	2.0	1:	3	6:	2		
27 APR	1	4.0	3:	30	5:	1		
5 MAY	2	2.0						
6 MAY	2	2.0	1:	5	6:	3	11:	3
8 MAY	2	3.0	1:	5	6:	3	11:	5
12 MAY	3	5.0	1:	7	5:	2	6:	3
			11:	4	13:	1	24:	7
15 MAY	3	3.0	1:	1	22:	2	24:	6
15 MAY	3	6.0	1:	6	6:	1	11:	5
			24:	1				
19 MAY	2	1.0	1:	1	11:	3		
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		
13 JUL	2	4.0	3:	7	6:	3	11:	8
13 JUL	3	6.0	1:	12	11:	2	13:	1
15 JUL	2	4.0	1:	3				
17 JUL	2	5.0	1:	3	6:	4	11:	12
			13:	2				
19 JUL	2	4.0	3:	30				
27 JUL	1	4.0	15:	18				
31 JUL	2	4.0	3:	18	6:	3	11:	1
1 AUG	2	4.0	3:	10	6:	2		
2 AUG	2	4.0	3:	10	11:	17		
10 AUG	2	4.0	6:	4				
13 AUG	2	4.0	3:	10	11:	1	13:	1
17 AUG	1	4.0	3:	9	5:	3	9:	10
			12:	21				

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

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

APPENDIX TABLE 6. (CONTINUED).

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

APPENDIX TABLE 7. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
5 JUL	3	6.5+	11:	2				
6 JUL	6	7.0	1:	6	3:	2	6:	6
			11:	4	22:	2		
7 JUL	3	7.0	1:	6	3:	1	6:	1
			11:	24	13:	1		
9 JUL	2	4.5	1:	2	11:	1		
12 JUL	2	3.5	3:	1	6:	1	11:	2
			12:	2	13:	1		
13 JUL	2	7.0	1:	2	3:	1	6:	7
			11:	8	13:	1		
16 JUL	2	2.0	1:	3				
18 JUL	2	2.0	2:	2				
19 JUL	6	7.0	1:	2	3:	1	6:	4
			11:	2				
20 JUL	6	7.0	1:	2	3:	1	6:	3
			11:	2				
21 JUL	6	5.0	1:	1	2:	1	3:	1
			6:	3	11:	6	13:	2
24 JUL	1	3.0	9:	2	121:	6		
26 JUL	3	4.5	1:	5	6:	6	11:	1
			29:	1				
27 JUL	3	6.0	1:	6	6:	3	11:	7
28 JUL	3	5.0	1:	7	6:	6	11:	7
			13:	1				
28 JUL	3	2.0	1:	1				
31 JUL	3	4.0	1:	6	6:	4	11:	5
			13:	2	24:	3		
1 AUG	3	4.0	1:	3	3:	4		
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

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
21 AUG	6	5.0+	24:	1				
22 AUG	3	2.0						
22 AUG	2	3.0	3:	3	11:	2	13:	3
23 AUG	3	5.0	3:	3	6:	3	13:	15
			24:	1				
24 AUG	3	4.5	1:	5	3:	1	6:	4
			11:	4	13:	20	24:	1
6 SEP	3	7.0	6:	2	13:	18		
7 SEP	3	2.0	13:	12				
8 SEP	3	3.0	13:	10				
9 SEP	3	2.0	3:	1	6:	1	13:	3
10 SEP	3	2.0	3:	1	11:	2	13:	3
13 SEP	1	3.0	3:	1	5:	4	12:	15
28 SEP	4	8.0	5:	51				
1 OCT	1	3.0	5:	27				
2 OCT	2	1.0	13:	4				
3 OCT	2	1.5	13:	5				
4 OCT	2	2.0	13:	6				
4 OCT	3	1.0						
5 OCT	2	3.0						
5 OCT	3	1.0						
13 OCT	2	3.5	3:	2				
16 OCT	2	3.0	3:	1	6:	1	11:	1
19 OCT	6	6.5	1:	1	11:	1	13:	4
2 NOV	2	3.0	5:	4	13:	1		
3 NOV	2	3.0	5:	4	6:	1		
17 NOV	2	3.0	3:	15	5:	12		
11 DEC	2	3.0	5:	8	6:	1	48:	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 —					
4 MAR	6	8.5+	22:	2	24:	18		
5 MAR	3	1.0						
5 MAR	6	8.0	1:	1	7:	21	11:	9
			13:	1	24:	7		
6 MAR	6	9.0	7:	30	11:	17	24:	2
7 MAR	6	8.0	7:	28	11:	9	22:	1
			24:	14				
8 MAR	6	8.0	1:	1	7:	19	11:	11
			24:	3				
9 MAR	6	8.0	7:	16	11:	10	22:	1
			24:	2				
9 MAR	3	1.0						
10 MAR	6	8.0	1:	2	2:	2	7:	16
			8:	2	11:	13	24:	2
10 MAR	3	2.0	24:	2				
11 MAR	3	2.0	6:	2				
12 MAR	6	8.0	1:	1	7:	36	8:	6
			11:	21	13:	1	21:	1
13 MAR	6	8.5	1:	3	7:	48	8:	5
			11:	20				
13 MAR	3	1.0						
14 MAR	6	8.0	1:	7	7:	19	8:	9
			11:	11				
14 MAR	3	3.5	6:	10				
15 MAR	6	8.0	1:	3	7:	7	8:	11
			11:	9				
15 MAR	3	1.0	6:	4				
16 MAR	6	4.0	1:	4	7:	21	8:	2
			11:	10	12:	1	13:	1
17 MAR	3	3.0	6:	3				
17 MAR	6	8.5	1:	1	7:	36	8:	5
			11:	11	12:	1	24:	2
18 MAR	6	8.0	2:	2	7:	42	8:	7
			11:	9	24:	5	39:	5
19 MAR	6	8.5	1:	3	7:	9	8:	2
			11:	10	13:	1	39:	7
20 MAR	3	1.0	6:	3				
20 MAR	6	8.5	7:	12	8:	5	11:	6
			24:	1	39:	1		
21 MAR	6	8.0	1:	1	7:	24	8:	2
			11:	10				
22 MAR	6	8.0	1:	2	8:	4	11:	19
23 MAR	3	2.0	6:	4				
23 MAR	6	8.0	8:	17	11:	27	24:	2
24 MAR	3	2.0	6:	1				
24 MAR	6	8.5	1:	5	5:	11	7:	19
			8:	3	11:	4		
25 MAR	6	9.0	1:	2	5:	3	22:	1
			39:	1				
25 MAR	3	1.5						
26 MAR	3	1.0	6:	1				
26 MAR	6	8.0	7:	25	11:	17	13:	1
			103:	1				
27 MAR	6	8.0	5:	6	11:	14	39:	2
28 MAR	6	7.0	6:	2	11:	1	24:	6
28 MAR	3	1.0						
28 MAR	6	8.0	1:	3	5:	2	7:	12
			8:	2	11:	5	24:	13
29 MAR	3	3.5	22:	1	24:	7		
29 MAR	6	8.0	5:	14	7:	13	11:	3
			22:	1				
30 MAR	3	1.0						
30 MAR	6	8.5	5:	5	7:	21	8:	9
			11:	7	39:	1		
30 MAR	3	3.5	11:	2	24:	3		
1 APR	6	3.0	11:	1	24:	1		
2 APR	6	3.0	11:	1				
3 APR	3	3.5	24:	25				
4 APR	6	3.5	1:	1	6:	1	11:	1
			24:	2				
5 APR	3	3.5	24:	6				
6 APR	3	1.0	6:	1				
6 APR	6	3.5	6:	1				
12 APR	6	3.5	1:	3	6:	2	24:	5
13 APR	6	3.0	1:	2	24:	1		
14 APR	6	7.0	1:	1	8:	2		
15 APR	3	3.5	1:	2	24:	3		
15 APR	3	1.0	6:	3				
16 APR	3	1.5	6:	3	13:	1		
17 APR	6	3.5	1:	1	3:	1	8:	5
			24:	1				
17 APR	6	6.5	1:	6	5:	4	11:	2
			24:	9				
19 APR	3	5.0	5:	1	6:	12	12:	1
			24:	1				
19 APR	3	7.5	1:	2	6:	3	11:	1
			24:	28				
20 APR	3	3.5	1:	5	6:	14		
20 APR	3	7.5	1:	1	6:	4	24:	24
21 APR	3	3.5	1:	1	6:	7		
22 APR	3	3.5	1:	2	6:	3	13:	1
22 APR	6	3.5	1:	1	11:	1	24:	6
23 APR	6	6.0	1:	5	6:	3	11:	1
			24:	5				

APPENDIX TABLE 9. (CONTINUED).

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

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES --					
24 MAY	3	3.5	1:	5	3:	1	6:	13
25 MAY	3	2.0	1:	1	6:	6		
25 MAY	3	3.0	8:	1	24:	1		
25 MAY	6	3.0	1:	5	6:	1	23:	2
26 MAY	3	6.5	1:	1	8:	3	11:	1
26 MAY	3	2.5	6:	3	13:	1		
27 MAY	3	3.5	8:	4	17:	1	24:	1
27 MAY	3	3.0	1:	4	6:	4		
27 MAY	6	3.0	6:	3				
28 MAY	6	3.0	1:	1	6:	2	11:	1
29 MAY	3	3.5	1:	1	6:	4	11:	1
30 MAY	6	6.0	1:	3	6:	6	11:	3
			23:	2	39:	1		
31 MAY	6	3.5	1:	1	6:	5	24:	7
31 MAY	3	5.0	1:	6	6:	5		
1 JUN	3	3.5	1:	9	6:	3		
4 JUN	6	3.5	1:	2	6:	3	7:	1
			22:	2	24:	4		
5 JUN	6	3.5	1:	2	6:	1	24:	2
7 JUN	6	3.5	1:	1	11:	1	22:	1
			23:	2	24:	8		
7 JUN	3	5.0	1:	8	6:	3		
8 JUN	6	7.5	1:	3	7:	1	11:	8
			23:	1				
8 JUN	3	3.5	1:	9	6:	3		
9 JUN	3	3.5	1:	10				
10 JUN	6	3.5	1:	2	11:	6	24:	1
10 JUN	3	3.5	1:	2	3:	1	6:	1
			11:	2				
11 JUN	6	3.5	1:	1	11:	1	24:	3
11 JUN	3	4.0	1:	8	6:	2		
12 JUN	6	2.0						
12 JUN	3	4.0	1:	5	6:	6	11:	1
14 JUN	6	3.5	1:	9	6:	6		
14 JUN	3	4.0	1:	5	6:	2	13:	1
15 JUN	3	3.0	1:	2	6:	5		
16 JUN	3	2.0	1:	3	3:	2	11:	1
17 JUN	6	2.0	1:	6	6:	3		
17 JUN	3	1.5	1:	2	6:	2		
18 JUN	6	3.0	1:	5	6:	4		
18 JUN	3	2.0	6:	1				
19 JUN	3	2.5	6:	5	11:	1		
20 JUN	3	1.5	6:	2				
20 JUN	6	3.5	1:	13	6:	6	24:	4
20 JUN	3	6.5	8:	6				
21 JUN	3	4.5	1:	1	7:	6	8:	2
			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 ---					
10 AUG	6	3.5	6:	3	24:	17		
11 AUG	3	4.0	1:	2	3:	1	6:	10
			24:	1				
12 AUG	3	2.0	6:	4	11:	2		
13 AUG	3	5.0	1:	4	6:	25	11:	3
13 AUG	6	3.5	1:	3	6:	9	11:	2
			23:	1				
14 AUG	3	2.0	6:	4	11:	3		
15 AUG	6	7.0	1:	5	6:	8	11:	1
			24:	20				
16 AUG	6	3.5	1:	2	6:	6	24:	5
16 AUG	3	4.5	1:	4	6:	19	11:	4
17 AUG	6	3.5	1:	4	6:	3		
17 AUG	3	5.0	1:	6	3:	2	6:	10
17 AUG	3	6.5	8:	1	24:	1		
18 AUG	3	5.0	1:	4	3:	3	6:	14
			11:	1				
19 AUG	3	5.0	1:	13	3:	3	6:	23
			11:	3				
19 AUG	6	3.5	1:	1	6:	6	7:	2
			11:	3				
20 AUG	6	5.0	1:	2	6:	10	7:	1
			11:	2	24:	3		
22 AUG	3	4.0	1:	1	3:	1	6:	8
			11:	1	41:	1		
22 AUG	6	2.0	11:	2				
23 AUG	3	4.0	1:	2	6:	11	11:	1
24 AUG	3	5.0	1:	9	6:	29	11:	3
25 AUG	3	2.5	1:	1	3:	1	6:	8
			11:	1				
30 AUG	3	1.0	1:	1				
3 SEP	6	3.5	1:	1	6:	11	7:	2
5 SEP	6	3.5	6:	9	24:	6		
6 SEP	6	3.5	1:	3	6:	15	24:	2
7 SEP	3	2.5	1:	4	6:	1	24:	1
8 SEP	6	3.5	1:	1	6:	3	11:	1
8 SEP	3	2.5	1:	4	6:	6		
11 SEP	3	3.0	1:	7	6:	9		
12 SEP	3	4.0	1:	10	6:	6		
12 SEP	3	6.0	1:	3	7:	3	8:	4
			11:	2	24:	2		
19 SEP	6	6.0	1:	6	11:	2		
20 SEP	6	3.5	1:	4	8:	3	24:	9
21 SEP	6	3.5	1:	4	8:	1	24:	3
22 SEP	3	1.0	6:	3				
23 SEP	6	3.5	1:	9	6:	2	11:	3
28 SEP	3	6.5	3:	1	11:	1	22:	1

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
28 SEP	3	6.5+	24:	1				
1 OCT	6	3.5	1:	3	24:	5		
2 OCT	6	3.5	22:	3	23:	2	24:	7
4 OCT	3	2.0	1:	2	3:	1	6:	1
4 OCT	3	6.5	39:	1				
5 OCT	3	2.0	3:	2	6:	1	11:	2
8 OCT	3	3.5	23:	1	24:	7		
9 OCT	3	3.5	24:	19				
12 OCT	3	5.0	24:	1				
13 OCT	3	6.5	1:	1	11:	1	24:	2
16 OCT	3	2.5	3:	2	6:	2		
16 OCT	6	3.5	1:	2	6:	1	23:	2
			24:	19				
16 OCT	3	3.0	1:	1	8:	1	24:	3
17 OCT	3	2.5	1:	3	6:	2		
17 OCT	6	3.5	23:	1	24:	8		
18 OCT	6	2.0	1:	3	6:	5		
19 OCT	6	1.5	1:	1				
21 OCT	6	3.5	1:	2	6:	1	24:	17
22 OCT	6	3.5	11:	1	24:	29		
24 OCT	3	1.0	3:	1				
25 OCT	6	2.0	1:	1	6:	1	11:	2
28 OCT	6	3.5	1:	2	11:	1	13:	11
31 OCT	6	3.5	1:	3	6:	2	22:	1
			39:	1				
2 NOV	3	6.5	1:	1				
5 NOV	6	2.0	1:	2	7:	1	11:	1
7 NOV	3	3.0	1:	1				
8 NOV	6	1.5	1:	1	11:	3	22:	1
10 NOV	3	6.5	1:	2				
11 NOV	6	3.5	1:	3	6:	1	24:	7
12 NOV	6	3.5	1:	1	6:	2	24:	17
12 NOV	3	3.0	3:	3	24:	2		
13 NOV	3	1.0	6:	1	12:	1		
14 NOV	3	6.5	1:	2	39:	1		
15 NOV	3	5.0	1:	8				
16 NOV	3	5.0	1:	12	6:	5	12:	1
21 NOV	6	3.5	1:	3	22:	1		
23 NOV	3	3.0	24:	6				
23 NOV	3	1.0						
24 NOV	3	1.0						
26 NOV	3	3.0	24:	3	39:	1		
26 NOV	3	2.0	1:	1	3:	1	6:	3
28 NOV	6	3.5	1:	3	6:	2	7:	1
28 NOV	3	3.0	1:	4	13:	1		
29 NOV	3	1.0						
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 —					
6 JAN	3	2.0	15:	2	17:	1	79:	1
10 JAN	3	4.0	14:	7	15:	23	17:	1
			20:	1	36:	6	62:	1
			76:	6				
14 JAN	3	5.0	14:	4	17:	1	36:	6
			42:	3	62:	3	76:	14
			93:	1				
19 JAN	2	3.0						
10 FEB	3	4.0	14:	5	15:	14	62:	20
			70:	1	76:	6	89:	1
15 FEB	3	4.0	14:	10	15:	8	56:	2
			76:	15				
17 FEB	3	2.0	16:	3	37:	2	50:	1
			79:	4	80:	1		
18 FEB	3	4.0	15:	35	20:	1	36:	1
			51:	1	56:	6	76:	5
20 FEB	3	4.0	5:	1	56:	21	76:	1
23 FEB	3	4.0	5:	1	15:	1	45:	2
			56:	14	89:	1		
24 FEB	3	3.0	14:	3	15:	18	17:	1
			56:	3	76:	2		
25 FEB	3	3.0	14:	6	15:	9	20:	1
			56:	5	89:	1		
25 FEB	3	3.0	50:	4	80:	1		
27 FEB	3	3.0	14:	10	15:	23	20:	1
			48:	1	56:	2	62:	4
			76:	3				
28 FEB	2	1.0	17:	4				
28 FEB	3	1.0	15:	1	31:	3	48:	4
			51:	5	76:	3	114:	2
2 MAR	3	3.0	13:	2	14:	2	17:	1
			56:	1	62:	5	78:	5
4 MAR	3	4.0	14:	4	15:	15	16:	4
			37:	1	50:	3	79:	2
			118:	1				
5 MAR	3	4.0	13:	3	15:	9	56:	28
			76:	3				
9 MAR	3	4.0	2:	1	5:	1	14:	2
			15:	15	42:	1	45:	1
			48:	1	70:	2	76:	9
10 MAR	3	3.0	17:	4	50:	1	79:	4
			80:	1	118:	1		
11 MAR	3	8.0	13:	1	15:	11	16:	5
			17:	5	50:	12	79:	5
			80:	1				
13 MAR	3	4.0	14:	2	15:	35	76:	6
14 MAR	3	1.5	15:	9	42:	1	62:	3
14 MAR	3	1.5+	76:	4				
15 MAR	3	4.0	14:	9	15:	28	42:	1
			62:	6	76:	6		
20 MAR	3	4.0	14:	18	15:	6	42:	2
			48:	3	50:	3	54:	3
			62:	5	78:	3		
23 MAR	3	3.0	14:	1	15:	14	17:	1
			20:	2	56:	4	62:	3
			76:	2				
24 MAR	3	3.0	14:	1	15:	15	20:	2
			42:	1	62:	5	76:	7
25 MAR	3	5.0	5:	2	15:	5	16:	7
			17:	1	37:	1	79:	6
			80:	1				
26 MAR	3	7.0	15:	6	16:	9	17:	4
			19:	2	50:	7	79:	5
			118:	2				
28 MAR	3	4.0	5:	2	15:	14	36:	1
			62:	1	76:	9		
30 MAR	3	4.0	16:	4	50:	1	79:	2
1 APR	3	0.5	79:	1				
6 APR	3	1.0	76:	10				
15 APR	3	1.0	62:	3	76:	6		
16 APR	3	0.5	76:	8				
20 APR	3	1.5	14:	1	15:	9	50:	1
			62:	6	76:	6		
21 APR	3	1.5	15:	16	62:	6	76:	4
22 APR	3	1.5	62:	11	76:	5		
24 APR	3	4.0	13:	4	14:	14	15:	19
			17:	1	48:	15	50:	17
			51:	2	76:	3		
25 APR	3	3.0	14:	3	15:	9	62:	10
			76:	6				
26 APR	2	2.0	2:	2	7:	9	20:	3
			26:	27				
27 APR	3	2.0	2:	1	7:	1	13:	3
			14:	1	76:	6		
1 MAY	2	2.5	7:	9	20:	4	26:	7
2 MAY	3	0.5	15:	1				
3 MAY	3	4.0	14:	4	19:	1		
7 MAY	3	5.5	7:	3	20:	5	26:	27
			50:	1	60:	2		
8 MAY	3	1.5	13:	2				
8 MAY	3	0.5	14:	1	79:	4	80:	1
11 MAY	3	2.0	13:	6	42:	2	76:	9
12 MAY	3	2.0	13:	4	62:	4	76:	6
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	80:	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	62:	9
20 MAY	3	4.0	13:	1	15:	1	62:	32				76:	6				
			76:	6					1 JUL	3	3.0	14:	3	20:	3	26:	9
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	14:	7
			79:	2								15:	48	42:	1	62:	35
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	45:	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:	37
26 MAY	3	2.5	14:	3	20:	1	42:	1	5 JUL	3	1.0	15:	1	30:	16	45:	4
			76:	9								76:	6				
27 MAY	3	0.5	79:	1					6 JUL	3	3.5	11:	1	13:	1	20:	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	76:	6
30 MAY	3	1.5	79:	5					8 JUL	3	1.0	15:	9	37:	1	76:	6
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	60:	2
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	60:	1
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	60:	2
			80:	2					12 JUL	3	2.0	13:	6	20:	14	72:	9
12 JUN	3	1.0	13:	7					13 JUL	3	2.5	2:	2	11:	1	13:	3
15 JUN	3	2.0	13:	3	15:	1						36:	1	62:	12	76:	4
17 JUN	3	1.5	79:	4	80:	6			14 JUL	3	2.5	2:	1	13:	3	15:	1
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	62:	9
			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	20:	6
18 JUN	3	0.5	79:	2	80:	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	26:	15
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	80:	4			26 JUL	3	1.0	15:	2	50:	6	76:	3
26 JUN	3	4.0	14:	5	15:	3	20:	10	27 JUL	3	3.0	14:	21	15:	12	20:	9
			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 —						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	24:	2
			25:	1					24 NOV	3	3.5	1:	2				
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	24:	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	11:	2
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	22:	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	24:	1
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	11:	1	13 FEB	3	4.0	6:	6	39:	1	75:	1
			91:	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:	2
11 JAN	3	4.0										24:	1				
12 JAN	3	7.5	6:	11	11:	2	24:	3	16 FEB	3	8.0	8:	1	11:	1		
			39:	1					17 FEB	3	7.0	1:	1	3:	2	11:	1
12 JAN	2	2.0										23:	4				
13 JAN	3	4.0	6:	5	7:	2	21:	1	18 FEB	3	3.0	35:	1				
			35:	1					19 FEB	3	6.0	87:	1				
14 JAN	3	4.0	39:	1					20 FEB	3	3.0	39:	1				
15 JAN	3	7.0	35:	2					21 FEB	3	3.0						
16 JAN	3	8.0	39:	2					22 FEB	3	6.0						
17 JAN	3	8.0	35:	1	39:	1			23 FEB	3	3.0	35:	1				
18 JAN	3	4.5	6:	3	39:	2			25 FEB	3	4.0	35:	1				
18 JAN	3	4.0	39:	1					26 FEB	3	8.0	35:	1				
19 JAN	3	4.0	35:	1	39:	1			26 FEB	3	7.5	24:	2	35:	5		
21 JAN	3	4.0	39:	1					27 FEB	3	7.0	35:	1				
22 JAN	3	4.0							28 FEB	3	7.0	3:	2	21:	1	33:	1
23 JAN	3	4.0	39:	1					28 FEB	3	3.0						
24 JAN	3	4.0	39:	3					2 MAR	3	3.5	6:	8	11:	2		
25 JAN	3	3.5	6:	3	39:	2			2 MAR	3	4.0						
25 JAN	3	8.0	11:	1	39:	2			3 MAR	3	7.0	6:	9	21:	1	24:	1
26 JAN	6	3.0	11:	2								35:	2				
27 JAN	3	4.0	3:	1	6:	5	11:	2	4 MAR	3	3.0						
			23:	1					5 MAR	3	2.0						
28 JAN	3	3.5	6:	8	35:	1			5 MAR	3	4.0	6:	6	11:	2		
28 JAN	3	3.0	75:	1					8 MAR	3	2.0						
29 JAN	3	4.0	6:	10	23:	1	39:	1	9 MAR	3	2.0						
29 JAN	3	4.0	39:	1					9 MAR	3	4.0	1:	1	6:	4	7:	5
30 JAN	3	3.0	11:	1	35:	2						35:	2				
31 JAN	3	4.0	1:	1	6:	4	21:	1	10 MAR	3	7.0						
1 FEB	3	2.5	39:	1					11 MAR	3	4.0	24:	3	35:	1		
1 FEB	3	3.0	39:	1					12 MAR	3	2.0						
2 FEB	3	6.0	22:	1	35:	1			13 MAR	3	4.0	1:	1	6:	4	7:	6
3 FEB	3	7.5	91:	1								11:	2	24:	1	35:	1
3 FEB	3	4.0	39:	1					13 MAR	3	2.0	11:	1				
4 FEB	3	8,0	24:	2	35:	1			14 MAR	3	4.0	35:	1				
5 FEB	3	6.0	35:	2					15 MAR	3	4.0	3:	4	7:	5	8:	5
6 FEB	3	4.0	55:	1					15 MAR	3	3.0	35:	1				
7 FEB	3	8.0	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 ---					
1 JAN	2	5.0	1:	1	2:	2	3:	1
			11:	1	12:	22	17:	1
			140:	1				
3 JAN	2	3.5	12:	2	18:	1	19:	2
			25:	1	26:	2		
3 JAN	3	2.0	1:	3				
4 JAN	2	5.5	11:	1	25:	4	26:	6
			60:	1	118:	1		
4 JAN	6	3.0	11:	2				
6 JAN	6	6.0	1:	8	3:	1	11:	1
			12:	1	23:	1	25:	10
			26:	10				
6 JAN	6	6.5	11:	2	12:	2	19:	3
			54:	1				
6 JAN	3	6.0	1:	5	11:	3	25:	2
7 JAN	6	4.5	11:	1	19:	5		
8 JAN	3	3.5	11:	2	18:	1	19:	3
			118:	1				
8 JAN	3	6.0	1:	14	11:	2	25:	6
9 JAN	3	6.0	1:	29	7:	1	8:	1
			11:	5	23:	2	25:	1
9 JAN	3	4.5	12:	1	19:	7		
11 JAN	2	3.0	1:	6	11:	3	67:	1
11 JAN	3	3.5	11:	1	12:	1	19:	6
12 JAN	2	6.0	1:	2	3:	1	11:	2
			12:	1	19:	2	25:	10
			60:	1				
13 JAN	3	6.0	1:	4	11:	2	13:	1
			22:	2	24:	1	36:	1
14 JAN	3	6.0	1:	12	11:	3	19:	1
15 JAN	3	2.0	1:	10				
15 JAN	2	3.0	1:	7	11:	2	19:	1
			60:	1				
16 JAN	3	6.0	1:	18	8:	1	11:	3
			19:	2	25:	2	60:	1
16 JAN	2	4.0	11:	4	13:	1	19:	11
17 JAN	2	3.0	11:	3	19:	1	24:	1
18 JAN	3	2.0	1:	2	11:	2	19:	1
			25:	1				
18 JAN	6	6.0	1:	1	11:	1	18:	1
			19:	2	23:	3	25:	1
19 JAN	6	6.0	1:	1	3:	2	11:	30
			19:	6				
20 JAN	6	6.0	11:	28	18:	1	19:	2
			25:	2				
23 JAN	2	6.0	1:	28	11:	3	19:	2
			87:	1				
24 JAN	2	6.0	1:	8	11:	3	19:	1
			87:	1				
24 JAN	2	6.0	1:	2	11:	11	13:	1
			19:	2	25:	20		
25 JAN	6	6.0	13:	1	17:	1	19:	1
			23:	3	24:	1		
25 JAN	2	2.0	19:	10				
25 JAN	3	6.0	1:	3	11:	12	25:	4
26 JAN	6	6.0	11:	6	18:	1	19:	3
			60:	2				
26 JAN	2	6.0	1:	1	3:	1	11:	10
			19:	1	25:	5		
27 JAN	3	6.0						
28 JAN	6	7.5	11:	4	12:	4	13:	1
			17:	1	19:	8		
28 JAN	6	6.0	11:	4	13:	3	17:	1
			24:	3	25:	53	67:	5
29 JAN	6	6.0	11:	6	19:	1		
30 JAN	3	6.0	1:	12	11:	2	22:	1
30 JAN	6	6.0	1:	1	11:	12	19:	4
			23:	2	25:	1	67:	1
30 JAN	6	7.5	11:	2	18:	1	19:	6
			25:	5	26:	3	60:	2
1 FEB	3	6.0	1:	28	11:	6	13:	1
			23:	2	24:	2	25:	6
2 FEB	2	4.5	13:	1	19:	9		
2 FEB	3	6.0	1:	1	23:	1	24:	12
			25:	8				
2 FEB	6	6.0	1:	20	11:	1	19:	1
			22:	2	23:	3	25:	1
3 FEB	3	6.0	1:	4	8:	4	25:	4
			87:	1				
3 FEB	2	4.5	11:	1	12:	1	19:	10
3 FEB	6	6.0	11:	14	19:	4	24:	1
			25:	3	67:	2		
4 FEB	3	2.0	1:	6				
4 FEB	6	6.0	11:	20	19:	5		
5 FEB	6	6.0	1:	13	11:	4		
6 FEB	3	6.0	1:	12	3:	1	8:	1
			11:	2	22:	2	24:	6
			25:	4				
7 FEB	2	1.0						
7 FEB	3	6.0	1:	5	23:	1	24:	1
			25:	2				
7 FEB	6	6.0	1:	9	11:	4	19:	3
			60:	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 ---					
15 MAR	3	6.0+	25:	10				
15 MAR	2	3.0	11:	5				
16 MAR	3	6.0	1:	2	8:	4	11:	2
			23:	1	25:	6	67:	1
16 MAR	3	4.5	24:	45				
17 MAR	3	6.0	1:	4	8:	6	11:	6
			13:	4	23:	4	24:	1
			25:	4	60:	1		
18 MAR	3	6.0	8:	6	22:	1	23:	1
19 MAR	3	4.0	24:	2				
19 MAR	2	4.0	11:	2	19:	11		
20 MAR	3	6.0	8:	21	11:	6	13:	4
			23:	2	24:	2		
20 MAR	2	3.5	11:	1	17:	2	19:	1
			54:	6	60:	4		
21 MAR	2	3.0	11:	10	17:	1	19:	2
22 MAR	3	2.0	1:	1	8:	1		
22 MAR	3	4.5	8:	4	23:	3		
23 MAR	2	3.5	2:	1	11:	2	19:	3
			25:	1	54:	2	60:	2
23 MAR	3	6.0	8:	5	11:	1	22:	1
			23:	8	24:	1	25:	4
23 MAR	3	5.0	8:	6	23:	23		
24 MAR	2	4.0	11:	1	19:	6	26:	2
24 MAR	2	6.0	1:	2	11:	12	12:	1
			19:	4	25:	4	26:	2
25 MAR	6	6.5	11:	2	12:	1	19:	3
			26:	7	39:	1	76:	8
25 MAR	3	6.0	1:	1	8:	5	11:	1
			13:	4	22:	1	23:	1
			24:	1				
26 MAR	3	6.0	8:	15	11:	2	13:	4
			23:	2				
26 MAR	3	6.0	8:	2	11:	10	19:	2
			26:	6				
27 MAR	3	6.0	5:	8	8:	6	13:	4
			23:	6	24:	4	39:	1
29 MAR	3	2.0						
29 MAR	3	6.0	1:	1	8:	3	11:	2
			13:	4	22:	1	23:	4
30 MAR	3	6.0	1:	1	5:	6	8:	4
			11:	1	13:	2	22:	1
			23:	4	25:	4	39:	1
30 MAR	3	5.0	8:	3	23:	1	24:	6
			26:	1				
31 MAR	3	4.5	23:	1	24:	10		
31 MAR	3	6.0	6:	1	23:	10	24:	5

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
31 MAR	5	2.0	24:	15	30:	25		
1 APR	5	1.0	30:	16	39:	1		
1 APR	3	2.0	23:	2				
2 APR	6	3.5	2:	2				
2 APR	3	4.0	13:	5	33:	2		
2 APR	3	6.0	6:	1	11:	1	23:	2
			25:	2				
4 APR	3	6.0	6:	1	23:	9		
4 APR	6	3.5	8:	5	11:	4		
5 APR	3	5.0	8:	3	23:	4		
6 APR	3	6.0	1:	2	6:	4	39:	1
6 APR	3	7.5	24:	11				
7 APR	2	1.0	17:	1	26:	2	54:	2
			60:	3				
8 APR	2	6.0	13:	14	23:	1	24:	3
			68:	1				
8 APR	3	5.0	39:	1				
8 APR	3	6.5	24:	3				
9 APR	3	5.0	11:	1	23:	1	24:	4
			39:	1				
10 APR	2	4.0	6:	1	24:	16		
13 APR	3	5.0	11:	2	22:	1	24:	5
14 APR	6	6.5	7:	1	11:	1	26:	7
			54:	2				
14 APR	3	6.0	24:	9				
15 APR	3	3.5	22:	1	24:	2		
15 APR	3	5.0	23:	20				
15 APR	3	6.0	24:	6	68:	1		
16 APR	3	6.0	22:	1	23:	5	25:	1
18 APR	2	3.5	19:	1	26:	6	54:	2
19 APR	3	6.0	23:	2	24:	5		
20 APR	2	1.5	11:	1	17:	1	19:	1
			26:	5	54:	1		
20 APR	3	6.0	23:	1	24:	1		
20 APR	3	6.0	22:	1	23:	4	24:	25
21 APR	3	5.0	24:	14				
21 APR	2	7.0	3:	1	13:	2	19:	4
			26:	4	60:	3		
21 APR	3	6.0	22:	1	23:	1		
23 APR	3	2.0	24:	3				
24 APR	6	7.5	1:	2	3:	1	11:	2
			19:	3	26:	2	54:	4
			60:	2				
25 APR	3	6.0	24:	27	41:	1		
25 APR	2	3.5	11:	1	19:	2	26:	4
			54:	4				
25 APR	3	6.0	24:	3				

APPENDIX TABLE 13. (CONTINUED).

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

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
12 MAY	2	3.5	11:	1	19:	2	26:	5
			54:	3				
12 MAY	3	6.0	24:	42				
13 MAY	6	8.5	1:	1	7:	4	11:	2
			12:	1	19:	4	26:	5
			54:	4	60:	2		
13 MAY	3	6.0	13:	2	23:	1		
13 MAY	3	6.0	24:	17				
14 MAY	6	3.5	19:	1	24:	15	26:	4
			54:	3	60:	1		
15 MAY	3	6.0	24:	56				
15 MAY	3	5.0	24:	17				
16 MAY	3	7.0	24:	4	68:	1		
16 MAY	6	3.5	19:	1	24:	10	26:	4
			54:	6				
17 MAY	2	3.5	19:	3	26:	4	54:	2
			60:	1				
18 MAY	3	6.0	6:	1	11:	4	13:	1
			24:	7				
18 MAY	3	5.0	24:	5				
18 MAY	6	7.5	8:	2	19:	8	26:	2
			54:	3				
19 MAY	3	6.0	24:	4				
19 MAY	3	6.5	8:	4	24:	52		
19 MAY	3	7.0	24:	61				
20 MAY	3	6.0	6:	1	24:	8	68:	1
21 MAY	3	3.0	6:	1	11:	2	24:	4
22 MAY	3	6.0	22:	6	24:	6		
23 MAY	3	6.0	24:	5				
23 MAY	3	7.0	24:	8				
24 MAY	6	7.5	8:	2	19:	1	23:	4
			24:	4	26:	2		
24 MAY	3	3.0						
24 MAY	3	6.5	24:	45				
25 MAY	3	6.0	6:	1	24:	1	25:	1
			39:	2				
25 MAY	3	4.5	24:	17				
25 MAY	3	7.0	8:	2	24:	4		
26 MAY	6	4.0	8:	2	19:	1	23:	1
			26:	2	54:	1	76:	3
26 MAY	3	6.0	1:	2	6:	2		
26 MAY	3	5.0	68:	2				
27 MAY	3	6.5	24:	29				
27 MAY	3	6.0	24:	35	57:	1		
27 MAY	3	6.5	24:	29				
28 MAY	3	6.0	24:	11				
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	23:	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	68:	1
1 JUN	6	7.5	8:	1	11:	2	24:	3	3 JUL	3	5.5	7:	1	23:	3	24:	27
			26:	4								41:	2	68:	4		
1 JUN	3	7.0	24:	17					4 JUL	3	6.0	22:	1	24:	15	38:	1
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	24:	35
7 JUN	3	7.0	23:	12	24:	135						29:	2				
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	24:	28
11 JUN	3	6.5	8:	2	24:	34						29:	3				
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	24:	6
13 JUN	3	6.0	11:	1	24:	26						29:	1				
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	24:	11
			25:	1								68:	3				
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	24:	14
17 JUN	3	6.0	24:	2					18 JUL	2	2.0	11:	5				
21 JUN	3	6.5	7:	6	24:	36			19 JUL	3	6.0	23:	4	24:	43	68:	5
22 JUN	3	6.0	7:	10	24:	28	29:	1	21 JUL	3	7.0	7:	2	8:	2	24:	4
22 JUN	3	6.0	11:	1	22:	1	24:	5	22 JUL	3	4.0	24:	2				
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:	1
			24:	32					26 JUL	3	6.0	23:	14	24:	9	68:	4
24 JUN	3	5.0	23:	11	24:	19	68:	7	26 JUL	3	3.5						
25 JUN	3	6.0	7:	8	8:	1	20:	1	27 JUL	3	7.0	22:	1	24:	31	36:	1
			24:	16								41:	4				
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	24:	17
29 JUN	3	6.0	7:	12	8:	3	24:	28				68:	3				
29 JUN	3	5.5	11:	1	23:	1	24:	17	29 JUL	3	6.0	7:	2	23:	12	24:	36
			68:	7								36:	4	41:	14	68:	9
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	24:	3
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	24:	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					20 APR	2	0.5						
7 FEB	3	4.0	13:	2	60:	4			21 APR	2	4.0	10:	2				
11 FEB	2	4.0	36:	1					22 APR	3	6.0	8:	4	12:	3	26:	49
13 FEB	2	4.0	36:	1								67:	1				
22 FEB	2	4.0							22 APR	2	8.0						
28 FEB	3	2.0	13:	2	60:	2			23 APR	2	4.5	10:	1				
4 MAR	3	1.5	13:	2	19:	2			23 APR	3	6.0	2:	1	8:	2	12:	1
9 MAR	3	1.0	13:	4								19:	5	26:	37	67:	1
10 MAR	3	1.0							24 APR	3	6.5	1:	4	7:	9	8:	4
11 MAR	3	3.0	13:	6								19:	1	26:	3	30:	6
12 MAR	3	2.0	12:	1	19:	8						60:	2	76:	15		
14 MAR	3	1.0	13:	1					26 APR	2	8.5	10:	1	19:	1		
15 MAR	3	1.0	13:	4					27 APR	3	6.0	7:	8	12:	3	13:	1
16 MAR	3	1.5	13:	2								26:	29	41:	3	62:	3
19 MAR	3	2.0	13:	3	16:	2	19:	2	27 APR	6	6.5	13:	2				
22 MAR	3	2.0	13:	5					28 APR	3	1.0	13:	1				
22 MAR	6	3.0	13:	3	18:	12	36:	1	28 APR	3	2.0	13:	4	79:	1		
			50:	1	54:	6	76:	20	28 APR	3	6.5	1:	1	2:	2	8:	1
23 MAR	3	1.0	13:	4								11:	2	13:	1	19:	1
25 MAR	3	1.5										26:	9	54:	1	60:	2
29 MAR	2	3.5	10:	1					29 APR	3	2.0	13:	3				
29 MAR	3	1.0	13:	2					30 APR	3	6.0	26:	19	41:	2	42:	8
30 MAR	6	8.0	10:	2	13:	1						62:	3				
30 MAR	3	1.0	13:	4					30 APR	3	2.5	13:	1				
31 MAR	3	1.5	13:	5					2 MAY	3	10.5						
31 MAR	2	5.0	1:	1	7:	12	11:	1	5 MAY	1	2.0	26:	1	60:	1		
			19:	4	25:	1	26:	5	5 MAY	3	6.0	1:	1	6:	3	7:	2
			36:	1								11:	1	12:	5	13:	1
31 MAR	2	3.0	10:	1								19:	2	26:	8	60:	4
1 APR	3	1.0	13:	3					5 MAY	3	0.5						
1 APR	2	5.0	26:	20	60:	3			6 MAY	6	4.0	7:	8	13:	2	118:	3
3 APR	2	3.5	10:	1					8 MAY	2	4.0	10:	1	54:	1		
4 APR	3	5.5	1:	3	6:	4	11:	2	9 MAY	2	5.0	10:	1				
			26:	15					10 MAY	3	1.0	13:	4				
5 APR	3	2.5	13:	2					10 MAY	2	5.0	12:	1				
5 APR	6	6.0	13:	3	35:	1	60:	1	14 MAY	6	6.5	1:	1	6:	1	7:	16
6 APR	3	6.0	6:	2	11:	7	12:	3				19:	1	26:	6	60:	2
			26:	24					15 MAY	3	1.0	49:	1	50:	1	80:	2
7 APR	2	2.5	26:	5	60:	1			15 MAY	2	3.5	10:	2	12:	1		
9 APR	2	4.0	10:	1					16 MAY	2	4.0	10:	2				
13 APR	3	1.0	13:	2					17 MAY	6	6.0	7:	4	11:	8	12:	21
14 APR	2	6.0	1:	1	13:	1	26:	34				13:	1	19:	2	26:	12
			60:	6								42:	11				
16 APR	2	3.5	10:	1					19 MAY	3	1.0	79:	2				
17 APR	2	5.5	13:	1	20:	7	26:	36	21 MAY	6	6.5	1:	1	6:	2	7:	7
			50:	9	60:	2						11:	4	12:	1	26:	4
20 APR	2	2.0	54:	2					23 MAY	2	3.0	10:	1	11:	1		

APPENDIX TABLE 14.(CONTINUED).

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

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
8 JUL	1	5.0+	54:	3	58:	11	88:	1
			90:	17				
9 JUL	1	6.0	10:	1	101:	2		
18 JUL	3	3.0	6:	7	37:	1		
22 JUL	3	2.5	6:	2	11:	1	13:	1
			20:	2	26:	9	60:	3
24 JUL	3	2.5	13:	2				
29 JUL	3	1.0	80:	1				
31 JUL	3	1.0	13:	1	118:	1		
1 AUG	2	6.0	26:	12	54:	31		
2 AUG	2	5.5	26:	36	54:	25		
3 AUG	2	4.5	26:	42	54:	33		
5 AUG	3	4.5	1:	14	6:	27	7:	2
			11:	3	12:	1	19:	1
			20:	3	60:	3	97:	1
9 AUG	3	5.0	1:	4	6:	2	7:	3
			26:	14	54:	1	60:	2
11 AUG	3	5.0	1:	4	6:	1	7:	5
			11:	5	13:	2	20:	1
			23:	1	24:	1	39:	1
			62:	2				
13 AUG	3	6.0	1:	1	11:	3	19:	1
			20:	1	26:	10	93:	1
17 AUG	3	5.0	7:	16	19:	1	26:	28
			74:	1				
18 AUG	1	5.0	4:	22	12:	8	34:	8
			54:	5	88:	1	90:	20
			92:	2				
21 AUG	1	1.0	12:	1	90:	1		
22 AUG	3	6.0	1:	1	26:	11	54:	14
			60:	6	97:	1		
27 AUG	6	6.0	1:	4	6:	14	7:	5
			18:	3	26:	8	54:	14
			60:	3				
28 AUG	6	6.0	6:	26	7:	2	11:	1
			19:	1	26:	33	54:	26
			60:	7				
1 SEP	3	4.5	1:	4	6:	9	11:	1
			12:	12	19:	1	60:	6
2 SEP	6	6.0	6:	5	18:	1	26:	21
			57:	3	60:	2		
3 SEP	3	5.0	6:	6	19:	1	26:	42
			57:	1	60:	3		
4 SEP	3	7.0	7:	1	18:	2	26:	6
			54:	121	60:	6		
5 SEP	3	6.0	18:	1	26:	11	54:	53
			60:	7				

APPENDIX TABLE 14.(CONTINUED).

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

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

APPENDIX TABLE 16. (CONTINUED).

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

APPENDIX TABLE 16.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---
27 MAR	4	6.0	3: 2 9: 8 12: 3
			31: 12
27 MAR	1	5.0	12: 4 31: 2 54: 28
28 MAR	1	4.0	3: 1 9: 3 12: 2
			31: 13
29 MAR	2	6.0	3: 3 7: 16 17: 8
			20: 5 34: 9 54: 6
29 MAR	1	7.0	9: 4 31: 1 43: 1
			45: 2 54: 9
30 MAR	4	6.0	3: 1 7: 3 10: 3
			12: 2 17: 4 20: 2
			31: 12 34: 5 54: 2
			76: 1
31 MAR	3	6.5	2: 1 13: 28 17: 5
			18: 12 26: 45 42: 19
			54: 24
31 MAR	4	6.0	3: 2 5: 1 7: 10
			9: 5 12: 4 17: 2
			18: 2 31: 17 34: 11
			42: 6 45: 14 54: 1
			70: 2
1 APR	1	7.0	4: 1 9: 6 12: 1
			31: 6 34: 1 40: 2
			45: 2 54: 2
1 APR	3	4.0	13: 5 17: 4 18: 3
			42: 5 54: 14 76: 6
2 APR	3	4.5	1: 2 13: 3 17: 2
			18: 3 26: 13 42: 8
			54: 11 76: 2
2 APR	1	7.0	9: 2 12: 4 31: 1
			34: 1 45: 6 54: 1
3 APR	3	4.5	2: 4 13: 6 26: 2
			50: 1 54: 20 76: 5
3 APR	1	4.0	31: 6 34: 4 45: 1
			54: 2
4 APR	2	7.0	3: 1 18: 10 29: 1
			92: 6
4 APR	3	4.5	13: 4 17: 4 18: 7
			20: 5 26: 4 42: 2
			54: 36 76: 3
5 APR	3	4.5	6: 2 13: 3 17: 7
			18: 4 20: 2 26: 1
			50: 2 54: 25 76: 6
5 APR	4	6.0	2: 1 7: 24 9: 6
			12: 8 17: 1 20: 1
			42: 1 54: 2
6 APR	3	4.5	2: 5 17: 5 42: 3
6 APR	3	4.5+	54: 5
6 APR	2	7.0	18: 15 29: 1
7 APR	3	4.0	13: 12 17: 8 18: 5
			20: 2 50: 4 60: 15
			76: 11
7 APR	1	6.0	7: 2 9: 43 12: 6
			31: 14 34: 2 43: 1
8 APR	3	4.5	6: 1 13: 4 16: 1
			17: 8 18: 3 20: 4
			26: 2 50: 1 60: 13
			76: 7
8 APR	1	6.0	31: 6 54: 3 92: 1
9 APR	4	7.0	5: 1 9: 14 12: 3
			17: 1 31: 2 34: 6
10 APR	3	4.0	17: 3 18: 4 50: 2
			60: 18 76: 4
10 APR	1	7.5	9: 8 31: 14 34: 1
			54: 2 84: 1
11 APR	3	4.0	6: 1 13: 8 17: 5
			18: 2 20: 4 26: 1
			60: 21 76: 9
11 APR	1	6.0	4: 2 9: 10 31: 5
			34: 1 54: 6
12 APR	1	3.5	9: 20 31: 2 34: 2
13 APR	3	4.5	13: 3 16: 2 17: 3
			18: 2 20: 3 26: 1
			50: 1 60: 15 76: 3
14 APR	1	7.0	4: 1 9: 1 12: 6
			31: 8 34: 2 54: 1
			92: 1
14 APR	3	7.5	2: 1 16: 2 17: 7
			18: 11 50: 1 54: 22
			76: 11
15 APR	1	4.0	9: 6 12: 1 31: 1
			43: 1
15 APR	3	4.5	16: 1 17: 12 18: 8
			26: 1 54: 16 76: 12
16 APR	1	6.0	9: 10 31: 4 61: 2
16 APR	3	4.5	1: 3 13: 22 17: 18
			18: 22 20: 3 50: 5
			54: 24 76: 15
17 APR	2	7.0	10: 2 18: 34
18 APR	2	7.0	18: 21 29: 1 93: 2
18 APR	3	4.5	13: 11 17: 5 18: 3
			20: 3 26: 2 50: 2
			54: 42 76: 12
20 APR	3	10.5	13: 55 16: 4 17: 11

APPENDIX TABLE 16.(CONTINUED).

DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES —						DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES —					
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 FISHED	— CATCH PER SPECIES —					
20 MAY	3	4.0	16:	2	17:	24	18:	13
			20:	4	42:	2	50:	2
			54:	9	76:	9		
22 MAY	2	3.5	18:	6	20:	1	29:	2
			42:	4				
22 MAY	3	4.5	8:	2	13:	11	17:	13
			18:	18	20:	1	50:	3
			54:	12	76:	11		
23 MAY	1	7.0	9:	4	10:	1	31:	2
			43:	1	91:	1	92:	1
			95:	1				
24 MAY	1	2.0	9:	1	92:	2		
24 MAY	3	4.5	17:	12	18:	22	20:	2
			26:	1	42:	1	50:	2
			54:	5	76:	11		
25 MAY	3	4.0	13:	28	17:	9	18:	35
			42:	1	54:	2	76:	6
26 MAY	3	5.5	2:	1	6:	1	16:	2
			17:	25	18:	14	20:	3
			26:	2	42:	2	50:	1
			54:	12	76:	7		
26 MAY	2	3.5	18:	10	20:	1		
28 MAY	3	4.0	6:	4	12:	13	17:	13
			18:	9	20:	2	26:	1
			42:	3	50:	2	54:	18
			64:	1	76:	11		
29 MAY	1	7.0	9:	5	12:	2	31:	14
			54:	2	92:	2		
1 JUN	3	2.5	6:	4	18:	9	20:	1
			26:	8	42:	4	50:	1
			54:	3	76:	6		
2 JUN	3	9.5	13:	19	16:	1	17:	14
			18:	22	20:	4	24:	10
			42:	2	50:	2	54:	1
			76:	3				
2 JUN	1	4.0	12:	6	29:	4	31:	8
			43:	4	92:	2	95:	1
3 JUN	1	7.0	9:	10	10:	1	12:	2
			31:	29	34:	2	54:	15
			84:	1	97:	2		
4 JUN	3	4.5	6:	1	13:	4	16:	2
			17:	12	18:	20	20:	2
			42:	8	50:	1	54:	11
			76:	6				
5 JUN	3	4.0	13:	22	17:	8	18:	15
			20:	4	42:	5	50:	2
			54:	5	76:	11		
5 JUN	2	4.0	3:	1	7:	2	17:	1
			18:	6	20:	1		
6 JUN	1	3.5	9:	6	43:	2	54:	14
7 JUN	4	7.0	3:	2	7:	6	9:	3
			12:	2	17:	3	31:	44
			34:	1	43:	1	54:	6
			84:	1	87:	3		
7 JUN	3	4.0	6:	3	13:	6	17:	13
			18:	28	42:	5	50:	1
			54:	4	76:	3		
8 JUN	3	4.5	11:	1	13:	12	16:	2
			17:	11	18:	22	20:	5
			42:	3	50:	2	54:	6
			76:	12				
9 JUN	2	3.5	7:	4	12:	2	17:	1
			31:	16	54:	1	97:	1
10 JUN	3	4.0	6:	1	13:	2	17:	4
			18:	34	20:	2	26:	1
			42:	5	50:	3	54:	3
			76:	11				
11 JUN	3	4.0	3:	1	6:	9	17:	3
			18:	29	20:	1	26:	1
			42:	2	50:	1	54:	4
			76:	11				
11 JUN	2	3.5	17:	1	18:	16	20:	1
12 JUN	3	4.0	17:	6	18:	26	20:	5
			42:	6	50:	5	54:	8
			76:	20				
14 JUN	3	4.5	1:	1	2:	1	11:	1
			13:	1	16:	1	17:	11
			18:	22	20:	2	42:	4
			50:	2	54:	3	76:	12
14 JUN	4	5.0	9:	2	18:	10	29:	1
			31:	6	54:	4		
15 JUN	1	3.5	12:	1	45:	4	97:	6
15 JUN	3	5.0	13:	3	16:	1	17:	10
			18:	35	20:	2	26:	2
			42:	4	54:	8	76:	10
16 JUN	2	3.5	18:	14				
16 JUN	3	4.5	13:	2	17:	3	18:	39
			20:	2	42:	6	50:	2
			54:	3	76:	13		
17 JUN	3	4.5	17:	10	18:	48	20:	4
			42:	11	50:	3	54:	4
			76:	11				
17 JUN	2	4.0	18:	27	95:	1		
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 ---
19 SEP	1	4.0+	70: 1
21 SEP	1	6.0	4: 12 31: 1 34: 5
			54: 5
23 SEP	1	4.0	4: 8 9: 4 31: 2
			54: 15
25 SEP	1	3.5	9: 6 34: 2 54: 12
			92: 1
27 SEP	1	3.0	43: 1 54: 5
29 SEP	2	6.0	17: 2 18: 38 20: 1
			42: 11
30 SEP	1	7.0	4: 2 9: 10 12: 4
			31: 17 34: 2 43: 1
			54: 18
2 OCT	1	3.5	34: 2 43: 2 54: 8
			92: 1
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
10 NOV	1	6.5+	34: 5 43: 2 54: 14
11 NOV	1	7.0	4: 1 9: 20 12: 10
			31: 12
12 NOV	4	7.0	4: 2 9: 15 12: 1
			17: 4 18: 2 20: 1
			31: 18 54: 4
13 NOV	2	7.0	9: 25 12: 18 17: 1
			31: 50 34: 1
14 NOV	2	7.0	3: 1 9: 10 12: 25
			31: 85
15 NOV	2	7.0	7: 2 17: 4 31: 22
			34: 2 84: 2
16 NOV	2	4.0	17: 1 18: 10 20: 2
			34: 2 43: 2 54: 3
			64: 1 70: 4

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

DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES —					
2 JAN	2	4.0	8:	6				
26 FEB	2	2.5						
4 MAR	2	4.5	3:	4				
5 MAR	2	2.0						
10 MAR	2	4.5	3:	5				
13 MAR	2	2.0	3:	4				
13 MAR	2	5.0	3:	6				
14 MAR	2	6.0	3:	48				
15 MAR	2	1.0	3:	3				
15 MAR	2	6.0	3:	11				
16 MAR	2	1.0	3:	2				
16 MAR	2	6.0	3:	7				
17 MAR	2	6.0	3:	11				
18 MAR	2	6.0	3:	7				
20 MAR	2	3.0	3:	1				
22 MAR	2	4.0	1:	3				
22 MAR	2	3.0						
23 MAR	2	6.0	1:	18				
24 MAR	2	5.0	1:	15	17:	1		
25 MAR	2	2.0	1:	6				
26 MAR	2	5.0	1:	9	6:	2	12:	1
			17:	1				
26 MAR	2	6.0	1:	4	3:	2	6:	6
26 MAR	2	6.0	1:	3	3:	1	8:	11
27 MAR	2	2.5	1:	2	6:	1	12:	1
27 MAR	2	4.0	1:	23				
28 MAR	2	5.0	1:	9				
28 MAR	2	5.0	1:	9				
29 MAR	2	6.0	6:	2	12:	2		
29 MAR	2	5.0	1:	2	6:	1	11:	1
30 MAR	2	4.0	1:	1				
31 MAR	2	2.5	1:	3	3:	2	6:	1
			7:	6				
1 APR	2	1.0	1:	1				
1 APR	2	2.0	1:	1	3:	2		
1 APR	2	1.5	1:	1	3:	6	6:	2
2 APR	2	2.0	1:	2	3:	1		
3 APR	2	2.0	1:	2	3:	2		
4 APR	2	2.5	1:	4	3:	2	6:	3
4 APR	2	4.0	12:	2				
4 APR	2	4.0	1:	7				
5 APR	2	2.0	8:	1	12:	1		
5 APR	2	2.0	1:	1	12:	1		
6 APR	2	2.0	1:	4	3:	6		
6 APR	2	2.0	1:	3	3:	2	6:	3
7 APR	2	6.0	1:	8	3:	3	6:	6
			86:	2				
7 APR	2	3.0	3:	2	6:	1	7:	10
			8:	3				
10 APR	2	6.0	1:	3	6:	3	11:	1
			13:	3	86:	2		
10 APR	2	2.5	1:	1	3:	6	7:	8
11 APR	2	6.0	1:	12	6:	2		
12 APR	2	2.0	1:	3	3:	4	6:	1
12 APR	2	6.0	1:	11	3:	3	6:	9
			86:	2				
13 APR	2	2.0	1:	4	8:	8		
13 APR	2	4.0	1:	4	6:	3	86:	2
14 APR	2	6.0	1:	32	6:	1	86:	4
14 APR	6	3.0	1:	6				
15 APR	2	2.5	3:	3	7:	6		
15 APR	2	6.0	1:	39	3:	1	17:	1
			86:	2				
17 APR	2	3.0	3:	1	6:	1	7:	3
17 APR	2	4.0	1:	18	3:	3	6:	2
			12:	1	86:	3		
18 APR	2	2.0	1:	8	3:	1	6:	3
19 APR	2	1.5	1:	1	6:	2		
19 APR	2	6.0	1:	9	3:	1	7:	1
			17:	1	86:	7	133:	1
21 APR	2	6.0	1:	9	3:	1	6:	3
			12:	3	86:	3		
22 APR	2	4.0	1:	5	6:	3		
23 APR	2	2.0	3:	4	7:	3		
23 APR	2	6.0	1:	9	3:	11	6:	2
			7:	3	86:	6		
23 APR	2	2.0	1:	10	3:	9		
24 APR	2	6.0	1:	7	3:	4	6:	4
			7:	1	86:	6		
24 APR	2	3.0	1:	1	3:	6		
24 APR	3	1.0	1:	2	3:	1	6:	2
25 APR	2	6.0	1:	3	3:	17	6:	3
			7:	2				
25 APR	2	6.0	1:	6	3:	8		
26 APR	2	6.0	1:	10	3:	4	6:	1
			7:	3	86:	2		
27 APR	2	6.0	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	2 JUN	2	5.0	3:	1	6:	10	11:	6
			7:	2	13:	1	86:	6				24:	2				
			133:	1	144:	1			4 JUN	2	5.0	3:	2	6:	3	11:	10
3 MAY	2	2.5	7:	10					4 JUN	3	5.0	8:	6	11:	2		
4 MAY	2	6.0	3:	4	6:	1	11:	1	5 JUN	2	5.0	1:	1	3:	1	8:	1
			86:	7					5 JUN	2	2.0	6:	5	11:	4	13:	1
5 MAY	2	2.0	1:	4	8:	1			6 JUN	2	7.0	6:	10	11:	13	13:	20
6 MAY	2	1.5	1:	1	3:	3	7:	4	7 JUN	3	14.0	11:	2	23:	2	24:	5
7 MAY	2	3.0	3:	10	8:	1	17:	1	7 JUN	2	5.0	6:	8	8:	2	11:	14
8 MAY	2	6.0	3:	11	12:	1	13:	1	8 JUN	3	14.0	8:	3	11:	1	23:	4
10 MAY	2	6.0	1:	1	3:	8	7:	3				24:	10				
11 MAY	2	2.5	3:	6	7:	4			8 JUN	2	5.0	1:	1	3:	6	6:	10
11 MAY	2	6.0	1:	4	2:	1	3:	14	9 JUN	3	6.0	24:	4				
			7:	2	11:	2			9 JUN	2	5.0	6:	5	11:	8		
13 MAY	2	3.0	3:	3	5:	1	7:	3	11 JUN	2	5.0	6:	17	11:	5	13:	6
			9:	5								67:	1				
14 MAY	2	4.0	5:	2	8:	1	9:	3	12 JUN	2	2.0	7:	6				
			12:	2	13:	1			12 JUN	2	2.0	3:	1	8:	1	102:	1
14 MAY	2	6.0	1:	2	11:	3			12 JUN	2	4.0	3:	5	6:	8	11:	3
15 MAY	2	4.0	3:	2	7:	8			14 JUN	2	2.0	3:	5	6:	1		
16 MAY	2	2.0	6:	1	7:	4			16 JUN	2	2.0	3:	3	7:	6	12:	1
16 MAY	2	5.0	1:	2	3:	1	8:	2	17 JUN	2	5.0	6:	12	11:	7	12:	3
17 MAY	2	3.0	12:	7								24:	1				
19 MAY	2	2.5	3:	4	7:	6			18 JUN	2	4.0	11:	2				
19 MAY	2	6.0	6:	16	11:	1	13:	3	18 JUN	2	5.0	3:	4	6:	5	11:	1
			36:	2	67:	1						24:	1				
20 MAY	2	6.0	6:	17	11:	3			20 JUN	2	1.5	3:	2	6:	3		
22 MAY	2	3.0	3:	3					21 JUN	2	5.0	3:	9	6:	24	7:	1
22 MAY	2	2.0	3:	3	6:	3	7:	3				11:	2	24:	1		
			11:	1					22 JUN	3	3.0	3:	6	8:	4		
23 MAY	2	5.0	3:	1	6:	11	11:	4	22 JUN	2	2.0	3:	3	6:	3		
			13:	1					23 JUN	2	2.0	3:	1	6:	1	7:	8
23 MAY	3	5.0	8:	11	13:	2			23 JUN	2	5.0	3:	13	6:	15		
24 MAY	2	4.0	3:	2	6:	11	11:	1	24 JUN	2	5.0	3:	20	8:	25		
			13:	1					24 JUN	2	2.0	3:	7	6:	5		
24 MAY	2	3.0	3:	2	8:	1	24:	1	25 JUN	2	4.0	3:	50	8:	11		
26 MAY	2	4.0	3:	4	6:	2	11:	3	26 JUN	2	2.0	3:	2	6:	2	9:	13
			24:	1					26 JUN	2	2.0	3:	1	9:	15		
26 MAY	2	2.5	11:	2	13:	1			27 JUN	2	5.0	3:	21	6:	4	11:	1
27 MAY	2	2.0	6:	5								12:	1	24:	11		
28 MAY	2	2.5	7:	4					27 JUN	2	5.0	3:	38	8:	10	24:	1
28 MAY	2	3.0	8:	1					28 JUN	2	5.0	3:	1	6:	4	24:	43
29 MAY	2	5.0	3:	1	6:	7	11:	7	29 JUN	2	5.0	3:	7	6:	6	11:	1
30 MAY	2	2.0	1:	1	6:	12	24:	1				24:	3				
31 MAY	2	4.0	3:	1	6:	2	11:	3	30 JUN	2	5.0	3:	3	6:	5	11:	9
			13:	4	67:	1			1 JUL	2	2.0	6:	2	7:	7	11:	1

APPENDIX TABLE 17. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
2 JUL	2	5.0	3:	4	8:	6	11:	2
2 JUL	2	5.0	3:	1	6:	10	11:	11
			13:	2				
3 JUL	2	2.0						
3 JUL	2	2.0	3:	1	11:	2	24:	2
4 JUL	2	5.0	3:	30	8:	11		
4 JUL	2	2.5	3:	1	6:	3	7:	4
5 JUL	3	15.0	11:	2	22:	1	24:	5
6 JUL	3	15.0	11:	2	24:	8	55:	1
6 JUL	2	2.0	3:	4	6:	6	13:	1
7 JUL	3	3.5						
8 JUL	2	6.0	6:	3	13:	3		
9 JUL	2	5.0	3:	2	6:	9	11:	6
10 JUL	2	2.0	3:	2	11:	4	86:	1
10 JUL	2	1.5	1:	1	6:	3	7:	2
11 JUL	2	5.0	3:	4	6:	1	11:	5
			86:	1				
12 JUL	2	1.0	6:	1	11:	2		
13 JUL	2	5.0	3:	4	6:	7	11:	2
			13:	1	24:	1		
14 JUL	2	5.0	3:	2	11:	2		
17 JUL	2	5.0	1:	1	3:	3	11:	7
			24:	4	86:	5		
18 JUL	2	1.0	3:	3				
18 JUL	2	6.0	3:	6	5:	1	8:	1
			12:	6				
19 JUL	2	5.0	3:	1	6:	1	11:	17
			13:	2				
19 JUL	2	5.0	3:	3	11:	4		
20 JUL	2	1.0	3:	10				
21 JUL	2	5.0	3:	1	9:	14	11:	5
			12:	1	86:	1		
24 JUL	2	5.0	3:	10	8:	2	11:	2
26 JUL	2	2.0	1:	1	2:	1	7:	3
28 JUL	2	6.0	3:	21	8:	3	11:	1
31 JUL	2	5.0	3:	1	6:	6	7:	1
			11:	9	12:	2		
31 JUL	2	5.0	3:	2	8:	5		
1 AUG	2	5.0	3:	4	11:	3		
3 AUG	3	14.0	22:	6				
4 AUG	3	6.0	22:	3	24:	1	38:	1
5 AUG	2	5.0	3:	1	6:	6	11:	17
			12:	3	67:	1		
7 AUG	2	1.5	1:	1	3:	2	13:	1
7 AUG	2	5.0	3:	7	6:	6	11:	10
			12:	1	24:	1		
7 AUG	2	6.0	18:	4				

DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES ---					
8 AUG	2	5.0	7:	1	11:	11	12:	1
9 AUG	2	5.0	3:	1	6:	1	11:	13
			12:	1	24:	1	86:	1
			133:	1				
11 AUG	2	5.0	3:	3	11:	6	12:	1
13 AUG	2	4.0	3:	38				
14 AUG	2	3.0	3:	7				
16 AUG	2	5.0	3:	3	11:	4	12:	9
			40:	1				
17 AUG	2	2.0	11:	1	13:	1		
17 AUG	2	5.0	3:	15	6:	2	7:	1
			11:	6	12:	10	86:	1
19 AUG	2	5.0	3:	12	6:	5	11:	5
			12:	9	24:	3		
19 AUG	2	6.0	3:	12	9:	1	13:	1
21 AUG	2	2.0	3:	5	6:	1	7:	1
22 AUG	2	5.0	11:	8	12:	5		
23 AUG	2	2.0	3:	1	12:	3		
25 AUG	2	5.0	2:	1	7:	1	11:	6
			12:	1				
25 AUG	2	2.5	3:	2	17:	2		
29 AUG	2	2.0	3:	1				
6 SEP	3	12.0	22:	1	24:	3	55:	1
7 SEP	3	16.0	22:	1	24:	2		
8 SEP	3	6.0	22:	3	39:	1		
10 SEP	2	2.0	3:	4	6:	1		
11 SEP	2	2.0	3:	6	6:	1	7:	3
			11:	1				
14 SEP	2	3.0	3:	1	6:	3		
18 SEP	2	2.0	6:	1				
18 SEP	2	2.5	3:	8	6:	1		
19 SEP	2	2.0	3:	10	6:	3		
20 SEP	2	2.0	3:	3	8:	8		
21 SEP	2	6.0	3:	8	8:	14		
27 SEP	2	2.0	3:	10				
1 OCT	2	2.0	3:	9				
3 OCT	2	2.0	6:	2	11:	2	12:	4
			13:	1				
4 OCT	2	2.0	12:	3				
4 OCT	2	4.0	3:	14	6:	2		
6 OCT	2	4.0	3:	2	11:	2	12:	1
			40:	1				
7 OCT	2	5.0	6:	3	11:	2	12:	2
8 OCT	2	5.0	6:	1	11:	2	12:	2
			13:	1				
9 OCT	2	5.0	11:	10				
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 ---			
1 JAN	2	2.0	8: 18			
1 JAN	2	6.0	15: 30	17: 24	18: 2	
			20: 2			
2 JAN	2	1.0	15: 12	17: 2		
3 JAN	3	4.0	15: 40	17: 32	18: 6	
			20: 3			
7 JAN	2	6.0	17: 14			
10 JAN	2	2.0	15: 35	17: 1	54: 34	
			86: 4			
11 JAN	2	5.0	15: 74	17: 12	18: 2	
			20: 3	54: 44		
11 JAN	6	5.0	15: 18	17: 20	18: 2	
			20: 3			
14 JAN	2	5.0	15: 56	17: 6	20: 1	
			54: 1			
21 JAN	3	5.0	15: 35	17: 31	18: 2	
24 JAN	2	5.0	13: 6	17: 8	67: 1	
25 JAN	6	5.0	15: 30	17: 21	18: 3	
29 JAN	2	2.0	15: 2			
30 JAN	3	6.0	14: 1	17: 22	18: 4	
			20: 1	54: 1		
31 JAN	2	5.0	15: 22	17: 11	18: 3	
3 FEB	2	2.0				
4 FEB	2	5.0	4: 1	13: 1	15: 12	
			17: 3	54: 4		
5 FEB	2	4.5	15: 54	17: 5	76: 2	
14 FEB	2	1.0				
15 FEB	3	6.0	16: 3	17: 20	18: 10	
			20: 10	50: 5	54: 2	
16 FEB	2	3.0	15: 56	17: 3	30: 4	
			54: 9	76: 2	77: 1	
			133: 15			
16 FEB	3	10.0	16: 5	17: 25	18: 9	
			20: 3	50: 12	54: 4	
17 FEB	2	4.5	15: 40	17: 2		
17 FEB	3	10.0	14: 2	16: 4	17: 12	
			18: 4	20: 2	50: 6	
			54: 3			
18 FEB	3	10.0	14: 1	16: 2	17: 30	
			18: 9	20: 11	50: 12	
			54: 1			
19 FEB	2	2.0	15: 12	17: 3	18: 1	
19 FEB	3	12.0	14: 3	17: 40	18: 6	
			20: 20	50: 30		
19 FEB	2	5.0	15: 25	54: 9		
20 FEB	3	8.0	13: 6	14: 2	16: 2	
			17: 12	18: 5	20: 4	
20 FEB	3	8.0+	50: 8	54: 1		
20 FEB	2	2.5	15: 21			
21 FEB	2	5.0	15: 59	17: 20	54: 5	
			133: 15			
21 FEB	2	4.0	15: 20	17: 3	18: 1	
			76: 6			
22 FEB	2	6.0	15: 18	17: 15		
22 FEB	2	4.0	15: 75	17: 7	54: 21	
			133: 25			
22 FEB	2	6.0	15: 50	17: 5	18: 3	
			76: 12			
23 FEB	2	5.0	15: 15	17: 23		
23 FEB	2	4.0	15: 18	17: 5	76: 13	
24 FEB	2	4.0	15: 16	17: 13		
24 FEB	2	6.5	15: 35	18: 1	76: 19	
25 FEB	2	5.0	15: 12	17: 25		
25 FEB	2	5.0	15: 31	17: 3	50: 1	
			54: 29	70: 1		
25 FEB	2	6.5	13: 1	15: 65	17: 1	
			18: 1	76: 2		
26 FEB	2	5.0	15: 20	17: 18		
27 FEB	2	6.5	15: 16	17: 7	18: 2	
			76: 12			
28 FEB	2	5.0	15: 10	17: 5		
28 FEB	2	2.5	15: 15	17: 1	18: 1	
			76: 8			
1 MAR	2	5.0	15: 22	17: 1	18: 6	
			76: 21			
1 MAR	2	2.0	15: 9	17: 8	18: 2	
			54: 34			
1 MAR	2	4.0	13: 3	18: 3		
2 MAR	2	5.0	15: 30	17: 4	18: 3	
			76: 18			
2 MAR	2	4.0	15: 48	17: 5	18: 2	
			54: 51			
2 MAR	2	5.0	15: 18	17: 38		
3 MAR	2	5.0	15: 12	17: 13		
3 MAR	2	4.0	15: 25	17: 2	18: 1	
			76: 18			
5 MAR	2	5.0	15: 12	17: 3		
5 MAR	2	2.5	15: 11	76: 51		
5 MAR	2	3.0	15: 19	18: 1	20: 1	
			54: 20			
6 MAR	2	5.0	15: 24	17: 14		
6 MAR	2	2.5	15: 18	76: 33		
8 MAR	2	5.0	15: 24	17: 25		
9 MAR	2	5.0	15: 11	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 ---					
15 JUN	2	6.0	17:	8				
15 JUN	2	2.5	10:	2				
16 JUN	3	5.0	17:	8				
17 JUN	3	5.0	13:	2	17:	5	18:	20
17 JUN	2	4.5	17:	11	18:	2	20:	4
21 JUN	2	2.5	10:	1	29:	2		
22 JUN	3	2.0	17:	2				
24 JUN	3	3.0	14:	2	16:	1	17:	9
			18:	14				
27 JUN	2	2.0	10:	1	95:	2		
28 JUN	2	1.5	10:	2				
30 JUN	2	2.0	10:	3	29:	1		
2 JUL	2	1.5	10:	1	95:	1		
3 JUL	2	2.0	10:	1				
3 JUL	2	3.0	15:	1	17:	8	18:	2
			50:	1	54:	10		
8 JUL	2	2.5	10:	2	95:	1		
9 JUL	2	2.0	10:	1				
12 JUL	2	4.0	17:	12	54:	7		
13 JUL	2	2.0	10:	1				
13 JUL	3	6.0	18:	5				
14 JUL	2	5.0	17:	3				
14 JUL	3	3.5	15:	2	16:	1	17:	10
			18:	4	20:	7		
15 JUL	2	1.5	10:	1	29:	2		
16 JUL	3	4.5	15:	4	17:	2	18:	6
			20:	4				
18 JUL	2	4.0	15:	11	18:	12	20:	1
			50:	1	54:	16	133:	2
19 JUL	3	8.0	14:	14	16:	2	17:	16
			18:	21	20:	2		
20 JUL	2	5.0	15:	3	17:	9		
20 JUL	2	4.0	15:	7	17:	3	18:	2
			20:	1	54:	25	133:	2
21 JUL	2	1.5	29:	1	95:	1		
25 JUL	3	4.0	13:	1	17:	6	18:	4
			20:	12	54:	2	76:	10
27 JUL	3	6.0	15:	5	17:	9	76:	24
27 JUL	2	3.0	10:	2	95:	1		
29 JUL	2	2.0	17:	7	18:	2	20:	4
			76:	10				
30 JUL	2	5.0	15:	1	17:	12	18:	4
			20:	10	76:	9		
31 JUL	2	4.0	10:	2	36:	3		
1 AUG	2	2.0	17:	3	18:	1	76:	4
2 AUG	2	2.0	17:	4	18:	2	76:	4
3 AUG	2	2.0	17:	7	18:	4	20:	8
3 AUG	2	2.0+	76:	14				
5 AUG	3	5.0	3:	5				
5 AUG	2	2.5	17:	7	18:	4	20:	3
			76:	6				
6 AUG	3	11.0	14:	2	17:	20	18:	4
			20:	1	142:	4		
7 AUG	2	2.0	10:	1	36:	1		
8 AUG	2	2.0	17:	8	20:	4	76:	7
9 AUG	2	1.5	15:	1	17:	4	18:	3
			20:	2	76:	9		
10 AUG	2	4.5	17:	14	18:	6	20:	4
			76:	10				
11 AUG	3	5.0	17:	8	18:	4	20:	3
			76:	7				
13 AUG	3	10.0	17:	20	18:	8		
17 AUG	2	5.0	17:	2				
18 AUG	2	5.0	2:	1	17:	6		
20 AUG	3	8.0	14:	2	16:	7	17:	12
			18:	4	24:	4	29:	1
			49:	10	50:	15	80:	4
			118:	8				
21 AUG	3	9.0	14:	1	16:	10	17:	7
			18:	12	24:	3	37:	1
			49:	14	50:	16	80:	2
			118:	3				
22 AUG	3	8.0	16:	4	17:	16	18:	7
			24:	1	29:	1	49:	12
			50:	21	80:	6	118:	10
23 AUG	3	10.0	16:	8	17:	4	18:	6
			24:	5	49:	2	50:	7
			118:	1				
24 AUG	3	7.0	13:	12	17:	12	18:	6
25 AUG	2	3.0	17:	4	18:	3	20:	2
			76:	10				
1 SEP	3	5.0	17:	15	18:	8	54:	15
5 SEP	2	2.0	17:	4	18:	3	20:	2
			76:	6				
6 SEP	2	2.5	17:	7	18:	2	20:	1
			76:	9				
13 SEP	2	3.0	10:	1				
14 SEP	2	4.0	13:	6	16:	1	17:	8
			18:	2	76:	5		
15 SEP	2	4.0	11:	1	17:	8		
21 SEP	2	4.5	17:	10	18:	4	20:	2
			76:	9				
22 SEP	2	4.5	15:	2	16:	2	17:	12
			18:	7	20:	4	76:	9

APPENDIX TABLE 18. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---
24 SEP	3	10.0	13: 1 14: 3 17: 20
			18: 8 20: 5
25 SEP	3	10.0	17: 60 18: 12 20: 15
26 SEP	3	11.0	17: 30 18: 5 20: 15
28 SEP	2	5.0	15: 1 18: 5 54: 40
			133: 2
28 SEP	2	5.0	17: 12 18: 2
28 SEP	2	4.0	3: 1 17: 14 18: 8
			76: 12
29 SEP	3	4.0	17: 2
29 SEP	2	4.5	17: 18 18: 7 20: 4
			76: 16
3 OCT	3	5.0	15: 6 17: 24 18: 3
4 OCT	3	5.0	14: 5 17: 20 18: 4
			142: 4
5 OCT	3	4.0	16: 2 17: 4 18: 14
			20: 10 76: 12
5 OCT	3	5.0	17: 26 18: 1
5 OCT	2	4.0	15: 25 18: 13 50: 2
			54: 35
6 OCT	2	4.0	17: 17 18: 6 20: 10
			76: 21
11 OCT	3	4.0	14: 3 17: 10
11 OCT	2	4.0	
13 OCT	2	2.0	15: 4 17: 12 18: 6
			76: 7
20 OCT	2	2.0	15: 2 17: 10 18: 3
			76: 12
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
16 NOV	3	5.0+	76: 8
23 NOV	2	2.0	
24 NOV	3	4.0	17: 75 18: 2
25 NOV	3	3.0	15: 3 17: 9 18: 1
27 NOV	3	3.0	17: 25 18: 4
29 NOV	3	4.0	17: 10 18: 20 54: 3
30 NOV	3	4.0	17: 10 18: 6 54: 6
1 DEC	2	2.0	3: 3 6: 3
10 DEC	2	2.0	6: 1 15: 14 17: 1
			54: 13 133: 1 136: 3
18 DEC	2	5.0	15: 30 17: 5 18: 2
			20: 1 36: 2 54: 34
			76: 4 86: 2 133: 3
21 DEC	2	2.0	15: 4 17: 10 18: 1
			50: 4 54: 10 86: 1
22 DEC	2	5.0	15: 25 17: 10 18: 6
			20: 2 50: 1 54: 50
			86: 1 133: 9
27 DEC	2	4.0	15: 55 17: 3 54: 3
			86: 1 133: 6
28 DEC	2	5.0	15: 18 17: 2 54: 6
			86: 1 98: 1 133: 7
29 DEC	2	5.0	15: 40 18: 1 20: 1
			50: 1 54: 23
30 DEC	2	5.0	15:130 17: 2 30: 7
			54: 22 98: 1 133: 15
31 DEC	2	3.0	6: 1 15: 27 17: 6
			18: 4 54: 74 133: 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 ---					
2 MAR	3	9.0	1:	1	6:	2	13:	8
			14:	34	16:	6	17:	12
			18:	2	20:	6		
3 MAR	3	2.0	14:	2	16:	1	17:	4
			18:	1	20:	8		
8 MAR	3	4.0	13:	6	14:	15	16:	1
			17:	12	18:	1	20:	6
9 MAR	3	8.0	6:	2	13:	5	14:	45
			16:	7	17:	15	18:	2
			20:	12				
10 MAR	3	1.5	13:	2	14:	6	17:	6
			20:	10				
24 MAR	3	8.0	6:	1	13:	15	16:	3
			17:	12	18:	1	20:	25
25 MAR	3	3.0	17:	6	18:	1	20:	6
30 MAR	3	3.5	13:	5	14:	3	17:	15
			20:	6				
31 MAR	3	2.5	7:	2	13:	4	14:	6
			17:	4	20:	12		
2 APR	3	5.0	7:	4	13:	6	17:	8
			20:	5				
3 APR	3	2.5	20:	25				
3 APR	3	10.0	13:	20	14:	25	16:	2
			17:	15	18:	2	20:	6
4 APR	3	2.0	14:	2	17:	6		
4 APR	3	3.0	8:	7	14:	2	20:	15
			50:	10				
6 APR	3	4.0	13:	13	14:	8	17:	1
			50:	15				
6 APR	3	3.0	13:	6	14:	8	17:	9
			20:	12				
7 APR	3	5.0	7:	1	13:	15	15:	3
			16:	2	17:	7	20:	12
			50:	15				
7 APR	3	3.5	7:	2	17:	13	20:	6
11 APR	3	5.0	14:	7	17:	28		
12 APR	2	3.5						
13 APR	3	4.0	17:	5	18:	16	20:	25
			62:	18				
14 APR	3	5.0	13:	4	14:	6	16:	1
			17:	9	20:	15		
15 APR	3	3.0	8:	2	20:	12	62:	10
16 APR	3	2.5	8:	3	20:	18	62:	8
18 APR	2	3.0	8:	1	20:	8		
18 APR	3	4.0	14:	5	17:	6	20:	10
19 APR	3	4.5	13:	8	14:	6	16:	2
			17:	17	20:	8		
20 APR	3	5.0	13:	12	14:	4	16:	1
			17:	9	20:	35		
20 APR	3	4.5	8:	5	14:	8	16:	1
			17:	2	20:	18	62:	30
20 APR	2	6.5	13:	12	17:	6	50:	24
21 APR	2	7.0	13:	13	15:	2	16:	1
			17:	4	20:	10	50:	28
			62:	16				
21 APR	3	9.0	6:	3	8:	1	13:	4
			14:	28	16:	6	17:	11
			18:	2	20:	15	23:	1
22 APR	3	2.5	14:	4	16:	1	17:	5
23 APR	3	3.0	14:	2	20:	8	50:	30
23 APR	2	7.0	13:	4	17:	3	18:	1
			20:	12	50:	32		
23 APR	3	10.0	6:	2	13:	3	14:	10
			16:	2	17:	14	18:	1
			20:	12	23:	1		
24 APR	3	2.5	6:	1	13:	2	14:	1
			17:	3	20:	8		
25 APR	3	6.5	8:	2	13:	5	17:	1
			20:	25				
25 APR	3	8.5	6:	3	13:	8	14:	45
			16:	8	17:	17	18:	2
			20:	12	23:	1		
26 APR	3	3.0	14:	8	16:	1	17:	4
			18:	1	20:	2		
26 APR	3	3.0	20:	45	62:	2		
27 APR	3	7.5	13:	40	14:	2	20:	10
			50:	9	62:	5		
27 APR	2	6.0	13:	13	17:	4	20:	11
			50:	23				
27 APR	3	6.0	6:	2	13:	4	14:	3
			17:	11	18:	1	20:	17
28 APR	3	8.0	6:	3	13:	2	14:	27
			16:	8	17:	14	18:	2
			20:	8	23:	1		
29 APR	3	3.0	13:	8	14:	2	20:	18
			50:	6	62:	4		
29 APR	3	2.0	14:	10	16:	1	17:	4
			20:	2				
2 MAY	3	5.0	17:	2	20:	15	50:	30
			62:	22				
3 MAY	3	5.0	6:	1	13:	20	17:	1
			20:	44				
4 MAY	3	4.5	13:	3	16:	1	17:	6
			18:	1	20:	8		

APPENDIX TABLE 20. (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---
5 MAY	3	4.5	8: 5 13: 15 17: 2
			50: 50 62: 18
6 MAY	3	6.0	6: 4 13: 6 14: 9
			16: 10 17: 12 18: 2
			20: 15
6 MAY	3	2.5	8: 2 13: 3 14: 2
			50: 8 62: 13
7 MAY	3	6.0	14: 5 16: 1 17: 9
			20: 12
7 MAY	2	3.0	1: 4 8: 3
8 MAY	3	6.0	13: 6 17: 8 20: 13
			50: 14
9 MAY	3	9.0	6: 2 13: 10 14: 20
			16: 4 17: 12 18: 1
			20: 18 23: 1
9 MAY	2	3.5	1: 5 8: 7
10 MAY	3	6.0	11: 1 13: 21 17: 8
			20: 12 50: 23
10 MAY	3	2.0	14: 4 16: 1 17: 3
			20: 8
11 MAY	3	9.5	13: 14 17: 6 20: 9
			50: 16
11 MAY	3	10.0	6: 2 13: 11 14: 8
			15: 6 16: 1 17: 14
			20: 20
12 MAY	3	2.0	13: 3 14: 6 17: 2
			20: 10
12 MAY	3	6.5	13: 20 14: 1 17: 9
			20: 14 50: 7
12 MAY	3	2.0	8: 2 14: 8 16: 1
			20: 21 62: 12
13 MAY	3	2.5	8: 4 14: 2 20: 18
			62: 3
14 MAY	3	6.0	6: 1 13: 6 14: 4
			16: 8 17: 6 18: 2
			20: 12
15 MAY	3	2.0	13: 12
15 MAY	3	10.0	6: 1 13: 5 14: 20
			16: 8 17: 6 18: 1
			20: 7 24: 3
15 MAY	2	3.5	1: 2 3: 1 8: 4
16 MAY	2	2.0	1: 2 8: 10
17 MAY	3	5.0	8: 4 14: 5 20: 26
			50: 35 62: 15
18 MAY	3	4.0	6: 3 7: 15 8: 2
			13: 6 16: 1 17: 2
			20: 11
18 MAY	3	6.0	7: 1 8: 1 13: 38
			15: 1 20: 3 42: 1
			50: 7
19 MAY	3	6.0	14: 1 17: 6 50: 36
19 MAY	3	0.5	8: 2 20: 2
19 MAY	3	4.0	3: 6 6: 1 7: 10
			13: 4 16: 1 17: 1
			20: 9
20 MAY	3	10.0	6: 4 13: 14 14: 5
			16: 4 17: 12 18: 2
			20: 8 24: 6
21 MAY	3	2.0	14: 6 16: 1 17: 2
			18: 1
22 MAY	3	2.5	8: 3 20: 18
23 MAY	3	5.0	6: 1 7: 7 8: 2
			13: 12 14: 1 17: 1
			20: 5
23 MAY	3	5.0	8: 2 13: 13 14: 14
			17: 2 50: 18
24 MAY	3	6.0	13: 22 16: 2 17: 3
			20: 6 50: 14
24 MAY	3	6.0	6: 1 13: 4 14: 15
			16: 1 17: 14 20: 10
24 MAY	3	4.0	8: 2 14: 1 16: 1
			17: 1 18: 2 20: 6
			50:130 62:125
25 MAY	3	8.0	13: 61 14: 1 16: 3
			17: 6 20: 8 50: 39
			54: 1
25 MAY	3	2.5	8: 5 16: 1 20: 10
			50: 30 54: 2 62: 20
25 MAY	3	3.5	13: 9 17: 1
26 MAY	3	3.5	6: 1 7: 4 13: 8
			20: 12
26 MAY	3	2.0	8: 3 13: 2 17: 1
			20: 4
26 MAY	3	6.0	7: 14 13: 38 24: 1
27 MAY	3	5.0	6: 1 7: 12 13: 63
28 MAY	3	4.0	13: 24 50:135
28 MAY	3	6.0	13: 13
30 MAY	3	1.5	6: 2 13: 12 17: 1
			20: 2
31 MAY	3	4.0	8: 2 13: 25 17: 1
			50: 75
31 MAY	3	5.0	14: 8 20: 10
1 JUN	2	6.0	13: 69
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 ---
3 AUG	3	3.5+	17: 1 20: 10
3 AUG	3	3.0	14: 2 15: 1 16: 1
			17: 7 20: 12 54: 3
4 AUG	3	9.0	1: 2 6: 13 13: 16
			17: 10 20: 16
5 AUG	3	4.0	6: 1 13: 2 14: 1
			17: 3 20: 12
5 AUG	3	8.0	1: 1 6: 28 7: 4
			13: 16 14: 1 17: 6
			20: 11
6 AUG	3	8.0	6: 6 8: 2 13: 13
			17: 5 20: 12 50: 21
7 AUG	3	6.0	6: 4 13: 11 17: 6
			20: 14 50: 23
8 AUG	3	2.5	20: 15 50: 2 62: 13
8 AUG	3	8.0	6: 2 7: 1 17: 19
			20: 31 50: 53
9 AUG	3	4.0	18: 6 20: 22 50: 4
			62: 15
9 AUG	3	10.0	7: 3 13: 26 15: 1
			17: 17 20: 31 50: 18
			54: 2 62:132
10 AUG	3	9.0	1: 1 6: 3 13: 6
			17: 4 20: 28 50: 19
			54: 1 62:132
12 AUG	3	8.0	6: 5 13: 16 14: 6
			16: 2 17: 14 18: 2
			20: 10 22: 1 24: 3
13 AUG	3	2.0	6: 1 13: 4 17: 3
			20: 2
13 AUG	3	3.0	13: 4 17: 1
13 AUG	3	2.5	14: 4 20: 30 50: 21
			62: 40
14 AUG	3	4.0	6: 2 17: 2 20: 4
			24: 6 62: 74
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
17 AUG	3	6.0	2: 1 6: 4 7: 2
			13: 16 17: 2 20: 32
			24: 13 62: 48
17 AUG	3	5.5	1: 1 6: 2 7: 20
			14: 1 17: 2 20: 15
19 AUG	3	6.0	2: 1 6: 4 7: 2
			13: 12 17: 5 20: 11
			24: 4 54: 1
19 AUG	3	3.0	2: 1 8: 1 13: 2
			14: 1 20: 18 50: 11
			62: 7
19 AUG	3	5.5	1: 1 5: 1 6: 4
			13: 8 14: 2 17: 3
			18: 1 20: 15
20 AUG	3	8.0	6: 2 13: 13 14: 12
			17: 7 20: 9 23: 1
			24: 21
21 AUG	3	2.0	5: 1 11: 1 13: 2
21 AUG	3	4.5	6: 2 13: 4 16: 3
			20: 40 50: 62 62: 75
23 AUG	3	4.5	8: 1 13: 3 14: 4
			50: 51 62: 78
23 AUG	3	6.0	6: 2 13: 3 14: 5
			16: 1 17: 10 18: 1
			20: 4 24: 1
24 AUG	3	9.0	2: 1 6: 4 13: 14
			17: 6 20: 18
28 AUG	3	4.0	6: 6 13: 15 17: 1
5 SEP	3	6.0	6: 4 14: 3 17: 8
			18: 1 20: 2
5 SEP	3	3.5	14: 14 17: 30 18: 1
			20: 4
6 SEP	3	6.0	6: 6 13: 6 14: 2
			17: 11 18: 2 20: 1
6 SEP	3	5.0	17: 24
7 SEP	3	5.5	14: 3 17: 18
7 SEP	3	5.5	14: 21 17: 51 18: 3
			20: 34 50: 15 62: 9
7 SEP	3	6.0	6: 2 14: 7 17: 21
			18: 2 20: 2
9 SEP	3	5.5	2: 1 8: 2 14: 41
			16: 1 17: 38 18: 1
			20: 20 50: 10 62: 8
11 SEP	3	5.0	6: 1 13: 1 14: 12
			17: 27 20: 2
11 SEP	3	3.0	8: 1 14: 18 17: 21
			20: 24 50: 12 62: 4
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 ---
13 SEP	3	7.0+	18: 2
15 SEP	3	8.0	6: 1 7: 1 14: 6
			17: 19 20: 2
16 SEP	3	2.0	1: 1 2: 1 14: 4
			16: 1 17: 1 20: 2
17 SEP	3	5.0	2: 1 14: 32 16: 2
			17: 41 18: 2 20: 23
18 SEP	3	3.0	14: 17 17: 22 18: 1
			20: 14
19 SEP	3	4.0	2: 2 14: 11 16: 1
			17: 18 18: 1 20: 38
			50: 4 62: 6
20 SEP	3	2.0	8: 2 14: 1 17: 2
			20: 14 54: 1
21 SEP	3	6.0	1: 2 6: 3 7: 1
			13: 4 14: 3 17: 6
			20: 11 54: 2
21 SEP	3	3.5	6: 3 13: 1 20: 9
22 SEP	3	2.5	14: 16 16: 1 17: 14
			18: 3 20: 12 50: 3
			62: 4
22 SEP	3	5.0	1: 1 6: 2 7: 8
			14: 4 17: 16 18: 1
23 SEP	3	4.0	6: 1 14: 10 17: 21
			20: 9
24 SEP	3	3.0	14: 8 17: 19 18: 1
			20: 7 50: 2 62: 1
25 SEP	3	2.0	6: 1 13: 1 14: 10
			17: 8 20: 14 62: 7
25 SEP	3	6.0	1: 2 5: 2 9: 2
			13: 8 14: 1 17: 5
			20: 12 24: 6
25 SEP	3	5.0	14: 24 16: 2 17: 21
			18: 4 20: 28 50: 8
			62: 9
26 SEP	3	6.0	14: 12 16: 1 17: 25
			18: 2 20: 31 50: 18
			62: 6
27 SEP	3	2.0	14: 1 17: 1 20: 10
			62: 7
27 SEP	3	4.5	14: 16 17: 21 18: 1
			20: 40 50: 12 62: 11
27 SEP	3	2.0	6: 1 14: 2 17: 34
			18: 2 20: 8
28 SEP	3	2.5	14: 23 17: 16 20: 18
			50: 2 62: 4
28 SEP	3	8.0	1: 2 6: 6 14: 14
28 SEP	3	8.0+	16: 1 17: 41 18: 6
			20: 16
30 SEP	2	1.0	13: 14 20: 2
1 OCT	3	4.0	1: 1 6: 2 7: 8
			9: 2 13: 6 14: 26
			16: 1 17: 7 20: 15
			24: 1
2 OCT	3	5.0	13: 10 14: 1 16: 3
			17: 25 18: 2 20: 4
3 OCT	3	5.0	14: 6 17: 24 20: 6
3 OCT	6	4.5	1: 3 8: 1 14: 15
			17: 20 18: 1 20: 30
4 OCT	3	6.0	6: 1 7: 2 17: 9
			20: 14
4 OCT	3	3.0	14: 7 17: 31 18: 4
			20: 5
5 OCT	3	5.0	6: 2 7: 4 13: 2
			17: 12
5 OCT	3	4.5	1: 1 5: 2 6: 3
			7: 16 13: 8 14: 18
			17: 15 18: 1 20: 21
6 OCT	3	3.0	1: 2 14: 6 17: 9
			18: 1 20: 10
6 OCT	3	6.0	2: 1 4: 1 6: 1
			14: 6 16: 1 17: 25
			20: 6 42: 1
7 OCT	3	2.5	14: 1 17: 3 20: 2
7 OCT	3	3.0	14: 35 17: 4 20: 15
7 OCT	3	3.0	1: 1 6: 2 20: 6
			24: 1
8 OCT	3	4.0	14: 5 17: 31 18: 2
			20: 4 24: 1
8 OCT	3	2.5	14: 28 16: 2 17: 9
			20: 21
9 OCT	3	7.0	22: 1 23: 2
10 OCT	3	6.0	1: 8 6: 1 13: 2
			14: 2 17: 14 20: 6
			24: 1 42: 1
10 OCT	3	7.5	
11 OCT	3	2.5	14: 1 17: 3
11 OCT	3	4.0	1: 1 10: 2 13: 12
			14: 22 17: 17 18: 1
			20: 4 23: 1
12 OCT	3	9.0	1: 3 6: 2 14: 2
			16: 2 17: 11 20: 12
			42: 1
12 OCT	3	3.0	14: 25 18: 14 20: 9

APPENDIX TABLE 20 (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
13 OCT	3	4.0	1:	6	13:	1	14:	2
			16:	1	17:	12	20:	4
13 OCT	3	2.0	1:	1	6:	2	13:	2
			14:	4	17:	41		
14 OCT	3	5.0	13:	20	14:	15	16:	2
			17:	8	18:	1	20:	13
14 OCT	3	6.0	1:	1	7:	1	13:	2
			14:	6	16:	1	17:	15
			18:	1	20:	1	54:	2
14 OCT	3	8.0	1:	4	6:	1	13:	13
			14:	27	16:	6	17:	25
			18:	6	20:	8		
15 OCT	3	2.5	1:	1	14:	4	17:	1
15 OCT	3	2.0	13:	4	14:	3	16:	1
			17:	10				
16 OCT	3	3.5	13:	2	14:	47	17:	4
			20:	36	50:	15	62:	10
16 OCT	3	4.0	1:	5	6:	2	11:	1
			13:	7	14:	8	16:	1
			17:	18				
17 OCT	3	2.5	13:	4	14:	13	17:	2
			20:	23	50:	4	62:	2
18 OCT	3	4.0	22:	1	23:	2		
18 OCT	3	2.5	1:	2	14:	3	17:	2
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

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

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

APPENDIX TABLE 21 (CONTINUED).

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

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
13 AUG	2	4.5	1:	4	3:	8	6:	3
13 AUG	5	3.0	3:	6	6:	2		
14 AUG	2	2.0	1:	3				
17 AUG	3	11.0	21:	2				
18 AUG	5	3.0	2:	2	3:	2	13:	1
18 AUG	3	10.0	21:	6				
20 AUG	5	3.0	1:	1	3:	6	6:	1
			24:	2				
21 AUG	5	3.0	3:	6				
22 AUG	5	3.0	1:	3	3:	5	6:	2
23 AUG	5	3.0	1:	3	3:	2		
24 AUG	6	3.0	6:	2				
24 AUG	5	3.0	1:	1	6:	2		
25 AUG	6	5.0	1:	6	2:	1	3:	13
			6:	4				
25 AUG	5	2.0	1:	1	3:	1		
5 SEP	5	4.0	3:	2	6:	2	13:	1
6 SEP	5	4.0	3:	4	6:	3	17:	4
9 SEP	6	1.5	6:	2				
10 SEP	5	3.0	3:	2	6:	1	7:	4
11 SEP	6	3.0	1:	2	6:	4	24:	1
11 SEP	5	3.0	1:	1	3:	4	9:	1
12 SEP	5	3.0	1:	4	3:	6	6:	2
12 SEP	6	1.0	1:	1	6:	5	7:	4
17 SEP	5	3.0	3:	2				
21 SEP	2	2.0	3:	1				
26 SEP	5	3.0	6:	2				
27 SEP	3	8.0	22:	2	38:	1		
28 SEP	3	9.5						
3 OCT	2	3.0	1:	8	6:	2		
3 OCT	6	3.0	6:	4				
4 OCT	2	2.5	1:	3	6:	3		
4 OCT	6	3.0	3:	1	6:	5		
5 OCT	2	3.0	3:	2	6:	2		
7 OCT	6	3.0	1:	1	6:	2	8:	1
10 OCT	6	3.0	6:	2				
11 OCT	6	2.0	6:	4				
11 OCT	6	3.0	3:	1				
12 OCT	6	1.0	6:	2				
12 OCT	6	3.0	6:	4				
13 OCT	6	2.0						
13 OCT	6	3.0	1:	1	3:	2	6:	3
14 OCT	2	1.0	3:	3				
14 OCT	6	2.0	1:	1				
17 OCT	6	3.0	3:	1	6:	2		
19 OCT	2	3.5	6:	3				
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 22.(CONTINUED).

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

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
12 SEP	3	4.0	13:	5	17:	15	20:	4
25 SEP	3	4.0	13:	1	14:	6	17:	21
			20:	9				
26 SEP	3	3.0	14:	4	17:	18	20:	10
3 OCT	3	3.0	14:	10	17:	10	20:	10
3 OCT	3	1.0	14:	1	17:	8	20:	1
4 OCT	6	1.0	14:	1	17:	3	20:	3
4 OCT	3	3.0	14:	2	17:	16	20:	2
7 OCT	3	2.0	14:	2	20:	3		
10 OCT	3	3.0	14:	1	17:	5	20:	8
11 OCT	3	5.0	13:	10	14:	3	17:	12
			20:	30	62:	6		
11 OCT	3	3.0	14:	2	17:	5	20:	2
12 OCT	3	3.5	13:	5	17:	5	20:	55
			50:	1	62:	2		
12 OCT	3	4.0	14:	20	17:	1	20:	8
13 OCT	3	5.0	14:	1	16:	1	17:	3
			20:	48	62:	3		
13 OCT	3	3.0	14:	5	62:	1		
14 OCT	3	5.0	14:	5	17:	12	20:	25
17 OCT	3	3.0	14:	4	17:	6	20:	4
			62:	2				
20 OCT	3	3.0	14:	1	17:	1	20:	3
20 OCT	3	1.0	17:	7				
21 OCT	3	3.0	14:	2	20:	3	62:	1
22 OCT	3	4.0	14:	20	17:	3	20:	15
22 OCT	3	4.0	62:	1				
23 OCT	3	3.0	2:	1	14:	1	17:	4
			20:	1				
2 NOV	3	1.0	14:	7	17:	2	62:	1
6 NOV	3	2.0	14:	4	17:	2	20:	1
6 NOV	3	1.0	14:	7	17:	2		
7 NOV	3	2.0	14:	1	16:	1	17:	5
7 NOV	3	4.0	14:	26	17:	10	20:	15
			50:	5	62:	11		
9 NOV	3	1.0	14:	3	17:	2	20:	3
9 NOV	3	1.5	14:	4	17:	5	20:	2
10 NOV	3	6.0	14:	6	17:	4	20:	3
11 NOV	3	4.0	14:	3	17:	20	20:	9
			50:	1	53:	2		
13 NOV	3	1.5	6:	4	14:	8	17:	2
			20:	2	62:	2		
14 NOV	3	2.5	14:	32	20:	17		
15 NOV	3	4.0	14:	36	20:	9		
16 NOV	3	4.0	14:	9	17:	18	20:	9
			48:	6	50:	1	53:	4
			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 ---			
4 JUL	2	6.0	1: 9	3: 41	5: 2	
			8: 6	9: 12	12: 1	
			24: 1			
6 JUL	2	6.5	1: 4	3: 38	8: 2	
			9: 8	12: 2	24: 9	
7 JUL	2	6.0	1: 5	3: 38	5: 34	
			7: 21	8: 9	12: 1	
7 JUL	2	4.0	3: 1	12: 1		
10 JUL	2	5.0	3: 27	12: 1		
10 JUL	2	5.0	1: 4	3: 30	7: 12	
			8: 4	12: 2		
11 JUL	2	4.0	4: 6			
12 JUL	2	5.0	1: 14	3: 39	7: 11	
12 JUL	2	1.0	1: 2	3: 9	8: 3	
13 JUL	2	5.0	1: 21	3: 28	7: 15	
			8: 2			
13 JUL	2	3.0	3: 21			
14 JUL	2	6.5	1: 14	3: 28	4: 21	
			7: 20	8: 4	12: 2	
			13: 1	24: 1	29: 2	
15 JUL	2	6.0	1: 2	3: 39	8: 10	
16 JUL	2	3.0	1: 2	3: 10		
17 JUL	2	6.0	1: 4	3: 50	8: 3	
			12: 3			
17 JUL	2	2.0	3: 4			
18 JUL	2	10.0	1: 1	3: 20	8: 5	
19 JUL	2	5.5	1: 1	3: 66	8: 9	
			12: 4			
20 JUL	2	6.5	1: 7	3: 45	7: 8	
			8: 1	12: 2	29: 1	
20 JUL	2	6.0	1: 1	3: 45		
21 JUL	2	6.0	1: 2	3: 45	7: 12	
			8: 6	12: 1		
22 JUL	2	5.0	1: 3	3: 37	8: 5	
23 JUL	2	3.0	1: 1	3: 41	7: 6	
			8: 1			
24 JUL	2	5.0	1: 1	3: 29		
24 JUL	2	3.0	3: 38	8: 2	29: 1	
25 JUL	3	8.0	1: 6	3:145	7: 6	
			8: 18	12: 7	24: 3	
26 JUL	2	3.5	3: 7			
27 JUL	2	6.5	1: 1	3: 40	7: 6	
			8: 2	12: 1		
28 JUL	2	5.0	1: 2	3: 65	8: 2	
			12: 2			
29 JUL	2	5.0	3: 52	4: 2	8: 4	
30 JUL	2	3.5	3: 36	7: 1		

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			
30 JUL	2	5.0	1: 3	3: 39	8: 7	
			29: 1			
2 AUG	2	5.0	1: 6	3: 27		
3 AUG	2	2.0	1: 2	3: 31		
3 AUG	2	6.0	1: 6	3: 27	8: 7	
4 AUG	2	4.0	3: 16	8: 1	12: 2	
4 AUG	2	5.0	3: 1			
5 AUG	2	1.0	1: 2	3: 26	8: 1	
			12: 1			
6 AUG	2	6.0	1: 2	3: 37	8: 3	
7 AUG	2	5.0	3: 29	8: 1		
9 AUG	2	3.5	3: 35	8: 1		
10 AUG	2	6.0	1: 4	3: 48	7: 3	
			8: 1	12: 3	24: 4	
10 AUG	2	5.0	1: 4	3: 16		
11 AUG	2	6.5	1: 8	3: 66	7: 11	
			8: 4	12: 1	24: 2	
11 AUG	2	5.0	1: 5	3: 14	8: 11	
			24: 1			
17 AUG	2	3.0	3: 2			
18 AUG	2	6.0	3: 7			
22 AUG	2	6.0	3: 14	7: 2	12: 1	
23 AUG	2	5.5	1: 1	3: 17	7: 1	
			9: 6			
24 AUG	2	6.5	3: 11	8: 1	9: 14	
			12: 1			
25 AUG	2	3.5	3: 11			
7 SEP	2	3.5	3: 17			
11 SEP	2	6.0	3: 11	4: 1		
14 SEP	2	3.5	3: 11			
17 SEP	3	4.0				
20 SEP	2	3.0	3: 5	4: 5	9: 6	
21 SEP	3	6.0	3: 11	12: 1	29: 1	
21 SEP	2	5.0	3: 8	4: 5	9: 6	
			12: 1			
24 SEP	2	2.0	3: 5	9: 7		
25 SEP	2	6.5	3: 9	4: 2	12: 1	
26 SEP	2	3.0	3: 14	9: 2		
28 SEP	2	3.0	3: 6	7: 5	8: 8	
			12: 3			
28 SEP	3	5.0	3: 3	12: 1		
3 OCT	2	4.0	3: 7	12: 3		
3 OCT	3	3.5	12: 2			
5 OCT	2	6.5	1: 1	3: 14	7: 2	
			8: 9	12: 17		
6 OCT	2	3.0	1: 2	3: 8	7: 3	
			8: 8	12: 6		

APPENDIX TABLE 23.(CONTINUED).

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

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

DATE	ZONE	HOURS FISHED	-- CATCH	PER SPECIES	---
5 JAN	3	7.0	1: 14	6: 10	
6 JAN	3	5.0	1: 5	6: 10	
7 JAN	3	5.5	1: 12	6: 9	
8 JAN	3	5.0	1: 18	6: 6	
9 JAN	3	5.0	1: 16	6: 4	
18 JAN	3	3.5	1: 5		
14 APR	3	7.0	13: 2	24: 1	
20 APR	3	6.0	22: 9	23: 12	24: 1
1 MAY	2	8.0	3: 18	4: 2	6: 2
			7: 10		
4 MAY	3	6.0	22: 5	23: 9	
5 MAY	3	5.5	1: 6	3: 52	6: 18
			7: 5	12: 5	
12 MAY	3	6.0	1: 2	3: 86	4: 2
			6: 24		
13 MAY	3	5.5	1: 1	3: 72	6: 18
			7: 2		
15 MAY	2	6.5	1: 1	3: 24	4: 15
			6: 1	7: 6	12: 4
18 MAY	3	6.0	3: 86	4: 4	6: 29
			7: 5		
2 JUN	3	5.0	1: 2	3: 68	6: 18
			7: 10	12: 2	
5 JUN	3	6.0	1: 5	3: 74	6: 22
			7: 9	12: 5	
7 JUN	3	7.5			
7 JUN	3	3.5	1: 3	3: 31	6: 19
			7: 12	12: 3	
8 JUN	3	6.0	1: 1	3: 65	6: 24
			7: 10	12: 2	
8 JUN	3	7.5			
9 JUN	2	8.0	1: 4	3: 32	4: 12
			5: 1	24: 1	
10 JUN	2	7.5	1: 1	3: 20	4: 8
			6: 2	7: 4	
12 JUN	2	6.0	3: 18	6: 10	7: 7
			12: 1		
13 JUN	2	7.0			
14 JUN	3	6.0	1: 5	3: 75	4: 10
			12: 4		
15 JUN	3	6.0	1: 4	3: 85	4: 9
			12: 7		
16 JUN	3	5.5	1: 2	3: 85	4: 5
			6: 14	12: 6	
21 JUN	3	6.0	1: 5	3:110	4: 10
			6: 26	7: 5	12: 6
22 JUN	3	6.5	1: 9	3:126	4: 9
22 JUN	3	6.5+	6: 35	7: 3	12: 5
23 JUN	3	5.0	1: 2	3: 91	4: 5
			6: 25	7: 6	12: 4
24 JUN	6	5.5	3: 65	4: 2	6: 29
			7: 16	12: 3	
28 JUN	2	6.0	3:135	4: 10	6: 19
			12: 9		
29 JUN	3	7.0	21: 1		
29 JUN	6	6.0	1: 10	3:105	4: 12
			6: 28	12: 3	
30 JUN	2	5.0	3:160	6: 19	7: 2
			12: 2		
30 JUN	2	8.0	1: 2	3: 27	4: 2
			6: 6	12: 3	
5 JUL	3	10.0	8: 5	22: 1	
6 JUL	3	10.0	6: 6	21: 1	
7 JUL	2	6.0	1: 10	3: 86	4: 18
			6: 12	7: 5	12: 4
9 JUL	2	5.5	1: 6	3:110	4: 12
			6: 16	7: 2	12: 5
12 JUL	2	6.0	1: 4	3:145	4: 21
			6: 24	12: 2	
13 JUL	2	6.0	1: 3	3:126	4: 19
			6: 10	7: 9	
14 JUL	2	6.0	1: 5	3:145	4: 8
			6: 21	7: 4	12: 6
19 JUL	2	5.5	1: 14	3:122	4: 3
			6: 16	7: 5	12: 4
20 JUL	2	8.5	1: 6	3: 31	6: 2
			12: 2		
20 JUL	2	6.5	1: 12	3:165	4: 14
			7: 3	12: 5	
21 JUL	2	7.0	1: 2	3: 24	4: 4
			12: 1		
21 JUL	2	5.5	1: 6	3:141	4: 4
			6: 16	7: 5	
22 JUL	3	6.0	6: 1	11: 1	
23 JUL	2	8.0	1: 6	10: 1	12: 2
25 JUL	2	10.0	10: 1	12: 6	
26 JUL	2	11.0	1: 8	12: 1	
26 JUL	2	8.0	1: 18	3:184	6: 26
27 JUL	2	8.0	1: 5	3:102	6: 19
27 JUL	2	8.0	1: 1	3: 21	4: 7
			8: 2		
28 JUL	3	5.0	6: 1	21: 8	22: 1
			24: 1		
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 ---			
17 NOV	3	4.5+	27: 34	28:215		
18 NOV	3	5.0	1: 4	4: 1	6: 3	
			7: 6	27: 22	28:100	
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			
4 JAN	3	4.5	1: 1	4: 7	5: 15	
			14: 22	27: 22	28:126	
			36: 9			

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

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

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

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

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

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

APPENDIX TABLE 29.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
30 JUN	2	1.0						
30 JUN	3	4.5	1:	1	2:	1	11:	1
			56:	1				
30 JUN	2	5.0	1:	1	3:	1	29:	1
1 JUL	2	2.5						
2 JUL	3	4.5	1:	3	14:	1	36:	8
2 JUL	2	2.0						
2 JUL	3	4.5	1:	11	8:	1	56:	3
3 JUL	2	6.0	1:	4				
3 JUL	3	5.0	1:	1	7:	8	12:	1
			13:	1	118:	1		
3 JUL	3	4.5	1:	5				
4 JUL	2	7.0	1:	4				
4 JUL	3	4.5	1:	1	6:	1	12:	4
5 JUL	2	3.0	1:	3				
5 JUL	3	9.0	5:	5	11:	1	13:	1
			21:	1	22:	2		
5 JUL	3	4.0	1:	1	3:	2	6:	7
5 JUL	3	1.0	1:	2	56:	1		
6 JUL	2	7.0	1:	9	39:	1		
6 JUL	2	4.5	1:	15	3:	2	29:	1
			56:	6				
6 JUL	3	6.0	1:	1	13:	1	14:	2
			36:	5				
6 JUL	3	3.5	1:	5	3:	1	6:	10
7 JUL	2	4.5	1:	7	2:	2	3:	2
			56:	3				
8 JUL	6	4.5	1:	4	56:	1		
9 JUL	3	9.0	1:	2	7:	1	11:	1
			13:	1	14:	2	24:	21
9 JUL	3	4.0	1:	5	2:	1		
9 JUL	3	6.0	1:	2	8:	3	12:	1
10 JUL	3	6.0	1:	14	12:	1		
11 JUL	2	7.0	1:	27	8:	2	12:	1
			56:	1				
11 JUL	3	4.0	1:	11	14:	5	37:	1
11 JUL	3	9.0	1:	14	8:	5	11:	2
			12:	1	13:	3	14:	1
12 JUL	3	3.5	1:	5	6:	3	12:	3
12 JUL	3	6.0	1:	11				
12 JUL	3	2.5	1:	5	8:	1	12:	2
			37:	6				
13 JUL	3	2.0						
13 JUL	3	10.0	6:	43	7:	15	23:	7
			24:	5				
13 JUL	2	3.0	1:	1				
13 JUL	3	5.0	1:	18	8:	2	12:	2

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
13 JUL	3	6.0	1:	19	3:	1	8:	2
			36:	1				
14 JUL	3	4.5	1:	14	8:	8	12:	2
			29:	2				
14 JUL	2	6.0	1:	2	3:	1		
14 JUL	3	6.0	1:	15	8:	2	12:	1
15 JUL	3	4.0	1:	6	6:	1		
15 JUL	3	4.0	1:	2	6:	29		
15 JUL	3	2.5	1:	16	8:	1		
15 JUL	3	6.0	1:	6	8:	2	24:	1
16 JUL	3	5.0	1:	10	12:	1	78:	1
16 JUL	2	5.0	1:	8	12:	2		
17 JUL	6	4.5	1:	10	12:	1		
17 JUL	3	3.0	6:	18	7:	10		
18 JUL	3	4.0	1:	5	6:	11		
18 JUL	3	6.0	1:	20	8:	2	78:	1
18 JUL	2	4.0	1:	16	2:	3	12:	2
19 JUL	2	6.0	1:	3	8:	2	12:	2
19 JUL	3	6.0	1:	6	8:	1		
19 JUL	2	5.0	1:	5				
19 JUL	3	7.5	1:	5	3:	1	6:	31
			7:	21	24:	1		
19 JUL	2	4.0	1:	24	3:	2		
20 JUL	2	5.0	1:	8	8:	1		
20 JUL	2	6.0	1:	4	12:	1		
20 JUL	2	4.5	1:	26				
20 JUL	3	6.5	1:	7	6:	28	7:	16
20 JUL	3	5.0	1:	2	5:	2		
21 JUL	2	6.0	1:	8	8:	2	12:	2
21 JUL	2	4.0	1:	4	6:	1		
21 JUL	3	6.0	1:	3	8:	1		
21 JUL	2	4.5	1:	22				
21 JUL	3	4.0	1:	19				
22 JUL	2	6.0	1:	7				
22 JUL	2	4.0	1:	4				
22 JUL	2	3.5	1:	9	2:	1		
22 JUL	3	8.0	1:	2	6:	32	7:	8
			22:	1	23:	1	68:	1
23 JUL	2	3.0	1:	3	8:	1		
23 JUL	3	2.5	1:	7				
23 JUL	2	6.0	1:	3	3:	1	20:	1
23 JUL	3	4.0	24:	1				
24 JUL	3	3.5	6:	15	24:	3		
24 JUL	2	7.0	1:	6	24:	1		
25 JUL	2	5.0	1:	1	8:	1		
25 JUL	3	1.5	1:	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	24:	6
26 JUL	3	6.0	1:	5	36:	1			5 AUG	2	7.0	1:	5	8:	3	12:	1
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	56:	4
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	63:	1		
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	24:	1	39:	1
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	12:	2	56:	1
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	8:	2	12:	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	39:	1		
29 JUL	2	6.0	1:	7					10 AUG	2	4.0	1:	22	14:	1	90:	1
30 JUL	2	5.0	1:	16	5:	2	20:	1	11 AUG	2	3.5	1:	19	30:	1		
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	12:	1		
			36:	13					14 AUG	3	7.5	6:	57	22:	1	23:	3
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	7:	3		
2 AUG	3	12.0							16 AUG	3	4.0	1:	2	24:	1	56:	4
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:	1	6:	53
3 AUG	2	3.5	1:	14	14:	2	30:	1				7:	7	23:	8		
			90:	6					17 AUG	3	4.5	1:	8	8:	1	12:	3
3 AUG	3	10.0	24:	1								24:	2	56:	18		
3 AUG	2	6.0	1:	1	8:	19	12:	1	17 AUG	3	4.0	6:	31	24:	3		
3 AUG	2	3.0							17 AUG	2	3.0						
3 AUG	2	6.0	1:	2	3:	2	24:	11	17 AUG	2	5.0	1:	1	3:	2		
4 AUG	2	7.0	1:	12	8:	1			18 AUG	2	1.0						
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					
18 AUG	3	4.5+	24:	2	56:	18		
18 AUG	3	4.0	1:	1	6:	29		
19 AUG	3	4.0	1:	1	12:	4	24:	6
			56:	5				
19 AUG	2	6.0	1:	5	12:	1	36:	5
19 AUG	2	2.0						
20 AUG	3	4.0	3:	1	6:	14	24:	4
20 AUG	3	6.0	1:	3	8:	3	12:	3
			24:	1	36:	3		
20 AUG	3	4.5	1:	5	12:	4	23:	1
			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				
31 AUG	3	4.0	6:	27	7:	3	24:	1
1 SEP	3	3.0	1:	16	8:	1	75:	1
1 SEP	3	5.0	8:	1				
2 SEP	3	5.5	6:	15	7:	1	24:	1
2 SEP	3	3.0	1:	14				
10 SEP	3	4.5	6:	17	23:	1	24:	4
12 SEP	3	2.0	1:	5	24:	10		
12 SEP	3	7.5	6:	35	23:	5	24:	9
16 SEP	3	5.0	24:	30				
20 SEP	3	2.0	8:	6				

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 30 (CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---	DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---
21 SEP	1	4.0	4: 7 9: 1 30: 2				
			31: 9				
22 SEP	1	3.0	4: 9 9: 2 31: 8				
27 SEP	1	4.0	4: 6 30: 2 31: 5				
28 SEP	1	3.0	4: 6 31: 4				
6 OCT	1	3.5	4: 5 31: 5 34: 1				
			70: 1				

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:	1
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 ---					
14 OCT	3	7.5	1:	1	6:	2	21:	1
			23:	1	75:	1		
14 OCT	3	3.0						
14 OCT	3	7.0	38:	1				
15 OCT	3	7.5	21:	3	22:	2		
15 OCT	3	6.0						
15 OCT	3	7.0	1:	2	6:	2	11:	1
			21:	2	24:	1		
16 OCT	3	3.0	1:	1	6:	2	86:	1
16 OCT	3	3.5	1:	1	6:	2		
17 OCT	3	3.5	11:	1				
18 OCT	3	7.0	1:	1	21:	1	23:	1
			39:	1				
18 OCT	3	7.0	22:	1	24:	2		
18 OCT	3	3.5	1:	2				
19 OCT	3	7.0						
20 OCT	3	7.5	1:	1	11:	2	24:	1
			38:	2				
20 OCT	3	6.0	24:	2				
21 OCT	3	7.0	38:	1				
21 OCT	3	3.0						
22 OCT	3	4.5	6:	2				
22 OCT	3	6.5	38:	2				
22 OCT	3	3.0	24:	1				
23 OCT	3	7.0	1:	3				
23 OCT	3	7.0						
25 OCT	3	7.5	6:	1	11:	3	24:	1
25 OCT	3	7.0	6:	1	11:	4	24:	3
			25:	1				
25 OCT	3	3.0						
26 OCT	3	4.5	6:	1	11:	1	25:	1
26 OCT	3	3.5	24:	1				
27 OCT	3	7.0	38:	1				
28 OCT	3	3.5						
28 OCT	3	6.0	39:	1				
29 OCT	3	6.0	11:	1				
29 OCT	3	8.0	22:	1	38:	2	55:	1
30 OCT	3	7.5	6:	1	11:	2	22:	1
			38:	3	39:	1		
30 OCT	3	3.0						
31 OCT	3	3.0						
31 OCT	3	4.5	1:	1	11:	2	22:	1
			124:	1				
1 NOV	3	3.5	1:	2	6:	4	11:	5
			25:	2				
1 NOV	3	7.5	6:	5	22:	1	38:	1
			55:	1				

DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES ---					
1 NOV	3	3.0	24:	2				
2 NOV	3	7.0						
2 NOV	3	3.5	1:	2	6:	4	11:	1
			25:	1				
2 NOV	3	3.5						
3 NOV	3	7.5	1:	2	6:	1	11:	2
			22:	1	38:	1		
3 NOV	3	7.0	38:	2				
3 NOV	3	6.0						
5 NOV	3	7.0	1:	1	24:	12	38:	1
6 NOV	3	6.0	39:	1				
7 NOV	3	3.0						
7 NOV	3	7.0	1:	1	6:	3	22:	3
			38:	1				
7 NOV	3	3.5	6:	1	11:	1	25:	1
8 NOV	3	3.5	6:	25				
8 NOV	3	6.0	36:	1				
8 NOV	3	7.0	1:	1	6:	22	11:	1
9 NOV	3	7.0	24:	2				
9 NOV	3	7.5	6:	15	8:	2	11:	2
			23:	1	24:	1	39:	1
10 NOV	3	7.5	1:	2	6:	14		
10 NOV	3	6.0	22:	6	24:	1	39:	2
12 NOV	3	3.5	1:	1	6:	5		
13 NOV	3	6.0	6:	2	11:	2	21:	1
			23:	1	68:	1		
13 NOV	3	3.0						
14 NOV	3	6.0	22:	1	24:	4	55:	1
15 NOV	3	7.5	1:	3	6:	3	11:	2
			22:	2				
15 NOV	3	3.0	22:	1	24:	5		
16 NOV	3	3.5	6:	1	11:	1		
16 NOV	3	6.0						
17 NOV	3	6.0						
17 NOV	3	3.5						
18 NOV	3	6.0						
19 NOV	3	3.0	22:	1	24:	6		
20 NOV	3	6.0	1:	4	6:	5	11:	2
20 NOV	3	3.0	24:	4	39:	2		
21 NOV	3	3.5	1:	1	6:	1	11:	4
21 NOV	3	3.5	6:	3	24:	1	57:	2
22 NOV	3	7.0	6:	3	11:	3		
22 NOV	3	3.0	24:	3				
23 NOV	3	6.0	24:	1				
23 NOV	3	7.5	1:	2	6:	4	22:	3
			23:	3	25:	1		
23 NOV	3	7.5	6:	6	25:	2	38:	1

APPENDIX TABLE 31.(CONTINUED).

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

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	12:	1
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	7:	62
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	11:	2
			86:	2								21:	1	23:	1		
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	7:	145
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	6:	5
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	24:	1
2 JUL	2	4.0	3:	31					27 JUL	3	2.0	1:	6	6:	1	24:	1
3 JUL	2	3.0	3:	14					28 JUL	2	3.0	1:	30	12:	1	24:	2
3 JUL	2	3.0	3:	5	5:	1			28 JUL	1	5.0	3:	16	5:	2	6:	1
4 JUL	3	5.0	21:	1	24:	1			30 JUL	2	3.5	1:	1	3:	24	7:	1
4 JUL	2	6.0	3:	38	67:	4			31 JUL	2	4.0	1:	22	3:	24	6:	2
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	86:	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:	1
6 JUL	2	5.0	3:	121								7:	1				
7 JUL	2	3.0	3:	32					3 AUG	6	5.0	1:	10	3:	2	6:	2
7 JUL	2	2.0	1:	1	3:	4						11:	2				
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	6:	1
12 JUL	2	6.0	1:	18	3:	228	7:	34				12:	1	86:	1		
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 ---					
22 SEP	3	6.0	1:	4	6:	18		
30 SEP	2	6.0	3:	3	5:	147		
1 OCT	2	6.0	3:	5	5:	208		
4 OCT	2	6.0	1:	3	3:	1	13:	1
			40:	1				
4 OCT	3	3.0	1:	2	3:	2		
5 OCT	2	2.0	1:	1				
5 OCT	3	5.0	1:	2	3:	1	6:	2
6 OCT	2	3.0	5:	1				
7 OCT	2	7.0	3:	1	5:	27		
8 OCT	3	5.0	1:	7	13:	1		
10 OCT	2	3.0						
11 OCT	3	4.0	1:	3				
11 OCT	2	6.0	1:	9				
12 OCT	2	7.0	6:	2	22:	1		
12 OCT	2	3.0						
12 OCT	2	5.5	1:	1	3:	1	6:	1
13 OCT	3	5.0	1:	4	6:	3	13:	2
14 OCT	2	3.0	6:	1				
14 OCT	3	5.0	1:	3	6:	1	13:	1
15 OCT	3	3.0	1:	4				
15 OCT	3	5.0	1:	10				
17 OCT	2	6.0	3:	3	6:	2		
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		
2 NOV	3	5.0	1:	3	6:	5		
2 NOV	2	5.0	1:	2	6:	3	13:	3
3 NOV	3	5.0	1:	3	3:	1	6:	1
9 NOV	3	6.0	1:	2	6:	2	7:	2
			13:	1				
10 NOV	3	4.0	1:	16	6:	3	11:	2
11 NOV	2	6.0	1:	27	6:	1	36:	1
12 NOV	2	5.0	1:	14				
14 NOV	6	5.0	1:	7	6:	2	13:	1
			36:	1				
15 NOV	3	4.0	1:	6	6:	2		
16 NOV	6	6.0	1:	3				
16 NOV	3	4.0	1:	2				
18 NOV	3	5.0	1:	1				
19 NOV	3	4.5	1:	6	13:	6		
21 NOV	6	6.0	1:	2	6:	1	13:	1
22 NOV	2	4.5	5:	75				
27 NOV	6	6.0	1:	1	6:	3		
29 NOV	6	6.0	1:	1	6:	5	7:	5
			13:	1				
30 NOV	2	6.0	5:	156				
1 DEC	2	2.5	5:	8	6:	4		
13 DEC	2	3.0	5:	1	6:	1		

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

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			DATE	ZONE	HOURS 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 ---							
5 JAN	3	6.0	1:	1	8:	3				
9 FEB	3	4.0	17:	4	24:	3				
10 FEB	3	6.0	1:	4	5:	1	13:	2		
23 FEB	3	6.0	1:	8	24:	6				
4 MAR	3	3.0	1:	1	24:	1				
12 MAR	3	4.0	24:	1						
16 MAR	3	4.0	8:	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						
2 AUG	6	6.0	1:	1	6:	17	11:	2		
4 AUG	3	6.0	6:	14	11:	2				
8 AUG	3	1.0	6:	1						
10 AUG	3	3.0	6:	1						
17 AUG	3	6.0	1:	1	6:	12	11:	1		
7 SEP	3	2.0	1:	1	6:	4	11:	2		
1 OCT	3	6.0	11:	3	24:	1				

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

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
9 FEB	3	2.0						
16 FEB	3	2.0	14:	5	15:	30	20:	12
			62:	40	76:	40		
4 MAR	3	3.0	13:	6	17:	2		
7 MAR	3	6.0	13:	9				
9 MAR	3	6.0	15:	50	17:	8	42:	12
			82:	5				
11 MAR	3	6.0	15:	16	17:	6	20:	10
			82:	4				
12 MAR	3	2.0	5:	1	17:	3		
15 MAR	3	2.5	15:	2	16:	5	20:	5
16 MAR	3	2.0	13:	1	36:	1		
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				
11 JUL	3	1.0	15:	8	16:	3	50:	2
			79:	1	80:	1		
15 JUL	3	3.0	15:	20	16:	4	50:	12
			79:	2	80:	1		
18 JUL	2	2.0	7:	4				
8 AUG	3	5.0	14:	1	15:	9	50:	5
			51:	4				
10 AUG	3	3.0	15:	2	16:	2	50:	5
16 AUG	3	5.0	15:	5	16:	4	50:	5
			85:	1				
7 SEP	3	3.0	15:	6	16:	5	50:	8
			51:	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	HOURS FISHED	— CATCH PER SPECIES —						DATE	ZONE	HOURS FISHED	— CATCH PER SPECIES —
25 SEP	3	3.0*	22	1								
26 SEP	3	3.0	1	11	7	2	11	1				

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 ---		
12 MAY	3	5.0+	62: 20		
16 MAY	3	5.0	13: 2	14: 4	17: 1
			50: 27		
16 MAY	2	1.0	6: 1	14: 3	20: 7
17 MAY	2	2.0	6: 4	14: 4	20: 8
			50: 6	62: 10	
18 MAY	3	6.0	13: 13	20: 9	50: 42
			62: 36		
18 MAY	3	8.0	13: 6	20: 1	50: 75
18 MAY	5	4.0	13: 30		
18 MAY	3	4.0	6: 1	14: 6	20: 12
			50: 10	62: 20	
19 MAY	3	6.0	7: 7	13: 11	17: 2
			20: 5	50: 65	54: 2
			62: 20		
19 MAY	3	6.0	13: 30		
19 MAY	2	5.0	15: 9	20: 42	50: 10
			85: 41		
19 MAY	2	2.5	6: 1	17: 1	
19 MAY	2	4.0	13: 4	20: 4	
20 MAY	2	5.5	13: 3	15: 14	17: 3
			20: 56	50: 17	
21 MAY	3	5.0	14: 14	20: 2	62: 40
23 MAY	3	7.0	8: 2	13: 1	14: 9
			16: 2	17: 4	18: 1
			20: 8	50: 70	82: 1
24 MAY	3	2.5	13: 3	14: 3	17: 7
			20: 7	50: 27	
25 MAY	3	6.0	7: 8	13: 1	17: 3
			20: 3	50: 41	62: 15
25 MAY	3	3.5	14: 30	20: 2	62: 4
25 MAY	3	8.0	6: 3	13: 9	14: 11
			16: 8	17: 7	20: 17
			50: 62		
25 MAY	3	5.0	13: 6	20: 2	50: 83
26 MAY	3	3.0	14: 24	17: 1	20: 4
			62: 5		
26 MAY	3	8.5	6: 4	13: 7	14: 4
			15: 3	16: 3	17: 11
			18: 1	20: 7	50:142
			62: 31		
26 MAY	3	6.0	6: 1	7: 10	14: 1
			17: 3	20: 10	50: 48
			54: 2	62: 26	
26 MAY	2	5.0	13: 3	14: 1	17: 2
			50: 18		
27 MAY	3	5.0	14: 10	15: 4	17: 7

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---		
27 MAY	3	5.0+	20: 4	50:120	62: 16
28 MAY	3	3.0	14: 14	20: 5	37: 1
			62: 15		
28 MAY	2	1.0	13: 31	15: 4	17: 2
31 MAY	3	3.0	13: 37		
31 MAY	3	3.0	14: 14	20: 5	62: 4
1 JUN	3	6.0	13: 26	14: 1	50: 12
1 JUN	3	3.0	14: 14	20: 4	62: 8
2 JUN	3	3.0	6: 4	14: 13	20: 4
			62: 10		
3 JUN	3	3.0	13: 19		
4 JUN	2	1.5	14: 1	20: 5	91: 1
6 JUN	3	2.0	13: 2		
6 JUN	4	6.0	13: 48		
7 JUN	3	6.5	1: 1	3: 3	16: 2
			17: 12	18: 1	20: 7
			24: 1		
7 JUN	3	4.0	7: 1	13: 38	
7 JUN	2	4.0	13: 26		
8 JUN	3	0.5	14: 6		
8 JUN	2	5.0	6: 2	13: 28	
8 JUN	3	12.0	6: 1	14: 31	16: 8
			17: 11	20: 4	
9 JUN	3	4.0	1: 1	6: 1	13: 1
			15: 3	16: 1	17: 7
			20: 6	50:110	54: 47
10 JUN	3	1.0	14: 19	62: 4	
10 JUN	2	6.0	13: 63	15: 9	17: 1
			50: 2		
11 JUN	2	0.5	13: 1	20: 3	
13 JUN	2	3.0	14: 2	20: 3	
13 JUN	3	4.0	13: 18	17: 1	
13 JUN	2	1.5	36: 7		
14 JUN	2	1.5	15: 4	20: 11	36: 6
16 JUN	3	4.0	6: 4	20: 4	62: 20
16 JUN	3	5.0	6: 2	8: 1	13: 15
			50: 41		
18 JUN	3	1.5	6: 4	14: 10	62: 10
19 JUN	3	2.0	20: 22		
20 JUN	3	2.0	20: 18		
20 JUN	3	3.5	13: 6	14: 1	15: 9
			16: 2	17: 31	20: 42
			50: 16	54: 9	62: 11
20 JUN	3	3.0	6: 4	14: 19	62: 8
21 JUN	3	2.5	6: 5	12: 1	14: 6
			20: 5	62: 8	
21 JUN	3	4.0	14: 4	20: 6	50: 12

APPENDIX TABLE 41.(CONTINUED).

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

APPENDIX TABLE 41.(CONTINUED).

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

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---					
11 AUG	3	14.0+	20:	3	24:	1	37:	3
			50:	40	62:	18		
12 AUG	3	5.0	14:	1	17:	1	20:	5
			50:	52				
13 AUG	2	2.0	6:	1	15:	9	17:	1
			20:	21				
14 AUG	3	1.5	2:	1	6:	6	20:	4
			62:	6				
17 AUG	3	5.0	20:	2	50:	8		
18 AUG	3	3.0	50:	15				
19 AUG	3	2.0	14:	2	17:	1	20:	4
			62:	6				
19 AUG	2	2.5	15:	9	17:	2	20:	17
			36:	3	73:	7		
21 AUG	2	1.0	2:	1	15:	6	17:	1
			20:	11				
22 AUG	2	2.5	6:	1	15:	1	20:	6
			73:	1				
23 AUG	2	1.0	13:	8	15:	1	20:	8
			50:	1				
24 AUG	3	3.0	13:	20	14:	10	20:	15
			62:	10				
4 SEP	2	6.0	14:	7	17:	17	54:	2
6 SEP	3	8.0	5:	2	7:	2	13:	41
			14:	5	17:	3	18:	2
			62:	37				
7 SEP	2	5.5	14:	7	17:	13	20:	3
7 SEP	3	4.0	16:	16	17:	24	18:	1
			20:	18				
7 SEP	2	5.0	2:	1	13:	2	14:	11
			15:	3	17:	27	18:	1
			36:	3				
8 SEP	3	6.0	13:	14	14:	22	16:	1
			17:	47	18:	1	20:	1
			36:	1	50:	21	62:	16
8 SEP	3	5.0	13:	5	14:	12	17:	41
			20:	4				
9 SEP	3	3.0	14:	2	17:	21		
10 SEP	2	4.0	2:	2	14:	6	15:	5
			17:	4	24:	1		
11 SEP	2	1.0	2:	1	17:	4		
12 SEP	2	2.5	14:	2	20:	60		
12 SEP	3	2.0	13:	1	17:	19	18:	1
			20:	5	50:	5		
12 SEP	3	7.5	5:	4	13:	17	14:	18
			16:	1	17:	46	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:	5
			20:	3	50:	2	62:	2	11 OCT	2	6.0	14:	12	17:	2	20:	7
13 SEP	2	5.5	17:	36	18:	12	20:	20	11 OCT	3	3.0	7:	2	14:	10	17:	7
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	17:	15
15 SEP	3	4.0	14:	10	17:	12	20:	42				18:	3	20:	20	24:	4
19 SEP	2	3.0	17:	1	20:	11						50:	10	54:	1	62:	9
20 SEP	2	6.0	14:	14	17:	18	20:	12	12 OCT	3	5.0	13:	5	14:	13	20:	11
20 SEP	3	2.0	13:	5	17:	3			12 OCT	3	3.0	14:	24	18:	1	20:	15
20 SEP	3	3.0	14:	14	15:	3	17:	1	12 OCT	3	4.5	1:	3	5:	17	6:	1
			20:	25	62:	10						13:	4	14:	67	16:	4
21 SEP	3	5.0	13:	10	14:	11	17:	10				17:	43	18:	11	20:	14
			18:	1	20:	4	62:	10				50:	2	62:	21		
21 SEP	3	4.0	6:	3	14:	18	17:	6	13 OCT	3	2.5	6:	3	14:	12	17:	8
			20:	14								18:	1	20:	12		
22 SEP	2	5.5	14:	10	17:	11	20:	15	13 OCT	2	5.0	14:	12	17:	17	20:	22
22 SEP	3	2.5	6:	3	14:	8	17:	1	13 OCT	3	5.5	13:	4	14:	11	16:	7
			18:	1	20:	30	62:	40				17:	42	18:	8	20:	14
27 SEP	3	3.0	14:	8	17:	3	20:	26				22:	2	50:	9		
			62:	8					17 OCT	3	3.5	5:	16	13:	2	14:	28
27 SEP	2	3.0	14:	15	17:	4	20:	12				15:	1	17:	4	20:	8
28 SEP	3	4.5	2:	1	5:	3	6:	2	18 OCT	3	3.0	8:	2	13:	6	20:	3
			9:	2	13:	7	14:	42				50:	6				
			15:	2	17:	23	18:	3	19 OCT	3	5.0	6:	7	13:	12	14:	3
			20:	17	36:	9	62:	14				17:	10	20:	12	50:	21
28 SEP	2	4.0	6:	1	14:	4	17:	1				62:	6				
			20:	5					19 OCT	3	4.0	5:	7	14:	32	15:	2
28 SEP	3	3.0	6:	2	14:	7	17:	2				17:	21	18:	1	20:	7
			20:	18	62:	6						50:	2				
29 SEP	3	2.0	14:	7	17:	1	20:	14	19 OCT	3	3.5	6:	3	14:	28	16:	3
1 OCT	3	2.0	13:	1	14:	1	17:	11				17:	2	18:	1	20:	2
			20:	7	50:	1	54:	1	19 OCT	2	5.0	14:	8	17:	7	20:	17
4 OCT	2	3.0	14:	10	17:	1	20:	10	20 OCT	3	2.5	14:	16	17:	2	18:	1
4 OCT	3	2.5	6:	2	13:	4	14:	17				20:	12				
			17:	5	18:	7	20:	14	20 OCT	3	4.0	5:	1	14:	28	15:	2
5 OCT	3	3.0	6:	6	13:	6	14:	10				17:	24	18:	2	20:	9
			17:	3	18:	2	20:	10				62:	7				
			23:	1					21 OCT	2	1.5	14:	4	17:	2	62:	4
6 OCT	3	3.0	14:	23	17:	1	20:	6	22 OCT	3	2.5	1:	2	5:	3	13:	2
7 OCT	3	2.0	13:	2	14:	1	17:	2				14:	32	16:	5	17:	47
			20:	23								18:	4	20:	6	50:	1
8 OCT	2	5.0	1:	2	4:	1	14:	3				62:	7				
			15:	7	17:	23	20:	9	23 OCT	3	5.5	14:	16	16:	3	17:	19
			50:	11								18:	3	20:	11	50:	3
8 OCT	3	1.0	14:	14	20:	2						62:	9				

APPENDIX TABLE 41.(CONTINUED).

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			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 ALABAMA

DATE	ZONE	HOURS FISHED	--- CATCH PER SPECIES ---	DATE	ZONE	HOURS FISHED	CATCH PER SPECIES ---
8 JUL	6	1.0	2: 2 14: 1				

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 ---		
13 APR	6	4.0	8: 1		
14 APR	6	5.0			
15 APR	6	4.0			
17 APR	3	4.0	8: 1		
20 APR	6	4.0	8: 18	12: 3	
21 APR	6	6.0	8: 22	12: 3	
25 APR	6	8.0	1: 1	8: 67	12: 5
			24: 1		
27 APR	6	7.0	2: 1	8: 44	12: 6
4 MAY	6	4.0	8: 2		
5 MAY	6	4.0	8: 8		
11 MAY	6	10.0			
12 MAY	1	3.0			
18 MAY	6	2.5	8: 13		
19 MAY	6	4.0	8: 6		
20 MAY	6	4.0			
21 MAY	6	5.0	8: 5	12: 2	
24 MAY	6	4.0	8: 7		
25 MAY	6	4.0	1: 1	8: 3	
26 MAY	6	8.0	8: 12	24: 1	
31 MAY	6	5.0	6: 2	23: 1	
1 JUN	6	4.0			
2 JUN	6	4.0	8: 1		
3 JUN	6	5.0	8: 8		
5 JUN	6	3.0	8: 3		
7 JUN	6	4.0	8: 2		
8 JUN	6	9.0	8: 3	11: 1	
10 JUN	6	4.0	8: 1		
11 JUN	6	8.0	1: 1	8: 13	
13 JUN	6	4.0	8: 1		
14 JUN	6	4.0			
15 JUN	6	4.0	8: 4		
17 JUN	6	5.0	6: 7		
18 JUN	6	5.0	6: 4		
19 JUN	6	4.0	6: 3		
28 JUN	6	6.0	6: 41	7: 2	
29 JUN	6	6.0	6: 22		
30 JUN	6	10.0	6: 26	23: 2	
1 JUL	6	4.0	6: 15		
2 JUL	6	6.0	6: 18		
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

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

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

DATE	ZONE	HOURS FISHED	-- CATCH PER SPECIES ---			
10 FEB	3	6.0	14: 15			
16 FEB	3	6.0	14:150			
17 FEB	3	6.0	14:400			
18 FEB	3	6.0	14:678			
19 FEB	3	6.0	14:550			
21 FEB	3	6.0	14:378			
26 FEB	3	6.0	14: 58			
2 MAR	3	6.0	14:158			
10 MAR	3	6.0	14:360			
13 MAR	3	6.0	14:150			
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	
11 AUG	3	5.0+	76: 4	85: 14		
15 AUG	3	6.0	14: 2	85: 1		
17 AUG	3	5.0	14:211	16: 3	17: 3	
			18: 2	20: 1	85: 5	
22 AUG	3	5.0	14:288	17: 2	20: 2	
			23: 2	24: 3	85: 6	
24 AUG	3	5.0	14:297	20: 1	24: 3	
			85: 2			
30 AUG	3	5.0	14:158	18: 1	20: 1	
			24: 5	76: 4	85: 5	