### Florida Fish and Wildlife Conservation Commission Florida Marine Research Institute Fishery Dependent Monitoring

### Marine Information System

- To conserve and manage Florida's marine Fisheries
- Established by Florida Statute (F.S.) Chapter 370 in 1983
- Requires wholesale dealers to report each purchase of saltwater products from licensed commercial fishers
- Requires wholesale and retail dealers who produce (i.e., catch) saltwater products themselves to report amounts produced
- Monthly reporting required (weekly for quota-managed species)
- F.S. 370.07(6)(a) and Florid Administrative Code (FAC) 68E-5 specifies that records are to be kept by the dealers, the contents of these records, and reporting requirements

### Marine Fisheries Trip Ticket

- Trip tickets are used to quantify commercial landings (pounds and value) of fish and shellfish. Annually, about 110 million pounds worth an estimated \$190 million are reported on approximately 260,000 trip tickets.
- Provides resource managers with a measure of fishing effort (trips) and trends in fisheries
- Allows comparison of trip information (e.g., which species are caught, gears used on trips, participants in a fishery, levels of landings from trips).
- Provides fishers with a record of sales of fish and invertebrates, and participation in fisheries
- Four types of tickets: FWC issued, other approved dealer forms, oyster tally sheets, and digital records (see Attachments A1, A2)

### Trip ticket data collected

- From 1985-1989, the marine fisheries trip ticket required the following information: Saltwater Products License (SPL; fisher license), dealer license, unloading date, time fished (usually time away from dock), county landed (where product came ashore), number of sets (nets, long lines), traps pulled (trap fisheries), soak time, species code, and amount of catch (usually in pounds). Area fished, depth, unit price, and dollar value were on the ticket, but were not yet mandatory.
- Beginning in 1990, gear fished (mandatory) and size code fields were added, and imprinters were required for recording SPL numbers. In January of 1995, area fished, depth, unit price and dollar value became mandatory fields. The gear data were expanded in June of 1997 to include recreational caught catch from head boat, guide, and charter boats that would be sold to licensed dealers. Though not required, data regarding aquaculture could be included as well. In November of 2000, trip start date, number of crew, state landed, grade and disposition of catch were added to keep in line with the minimum data requirements of the Atlantic Coastal Cooperative Statistics Program (ACCSP). This is the latest version of the Florida trip ticket (see Attachment B).

### Tracking of trip tickets

- Trip tickets (in duplicate) are received by mail at FMRI St. Petersburg
- The FWC copies are separated, scanned for completeness, minor corrections made (dealers contacted when necessary), counted, banded, and entered into a computerized tracking system by date received
- Paper records (one copy) are sent to keypunch contractor
- Compliance with reporting deadlines evaluated, notices sent to late-reporting dealers
- New dealers sent questionnaires to determine need to report, necessary materials (trip tickets, postage-paid envelopes, posters and code lists {see additional attachments}, imprinters, etc.) sent to reporting dealers.

### Editing of trip tickets

- Computerized data are edited using profiles of acceptable data for each field and for some combinations of fields. Examples of editing are range checks of each field, validity of license information, comparison of dealer and invoice numbers of tickets returned, number of gears used, area fished by species, county landed by species, depth by species, gear by species, gear quantity by gear, number of sets by gear, soak time by gear, size by species, amount of catch by species, and price by species.
- Corrections made to records (dealers contacted when necessary)
- Finalized records placed in a 'master' database at FMRI
- Beginning in 2000, all previously edited data and edit processes were converted from an ADABAS mainframe system to relational databases in Oracle. Comprehensive testing and analyses were performed to ensure a complete transition with no loss or corruption of data.

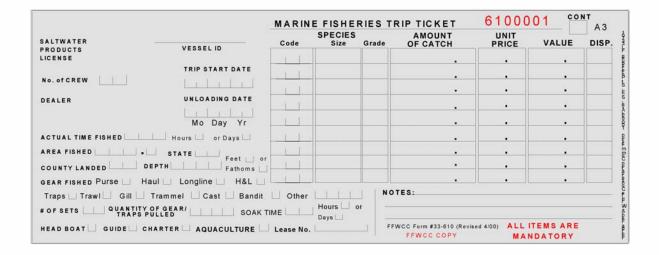
### Trip ticket data uses

- Data are confidential under F.S. 370.07 and are exempt for Open Records Statutes (F.S. 119)
- Aggregate summaries are produced periodically throughout the year
- Requests for trip ticket information at various levels of summarization are received from many state, local, federal agencies, fishing groups, individuals, Commission staff, resource managers, and other interested persons
- Example uses of these data include examining management options, evaluation of quotas, and obtaining state and federal fishing permits
- Recent uses of these data were the allocation of stone crab trap certificates to qualified fishers, the qualification for federal South Atlantic rock shrimp fishing permits, and compensation to qualifying fishers for shrimp disaster relief

### Accuracy and potential problems

• Data are as accurate as reported by the dealers (the FWC conducts audits on a limited scale to examine reporting by dealers. Also, some trip level data is received by our port samplers and compared to data received by dealers. Additional information is received from fishermen who have found discrepancies between their records and the FWC's).

- License information is used to link trip ticket data to fishers (occasional SEDAR7eD84/f39 information is inaccurate).
- Some information (even if mandatory) may be missing on tickets
- Some information may be reported late
- Fishers may possess more than one SPL, more than one boat, may license differently in different years, may skip a year or two, sell or buy a vessel, etc. Also, a fisher can be licensed as an individual, or a vessel, or both.
- Policy decisions may be needed to implement programs utilizing trip ticket data
- Corrections to the database may be needed



BUDDY GANDY SEAFOOD, INC.  3004 WEST HIGHWAY 98 PANAMA CITY, FLORIDA 32401  NO. OF CREW L. DEALER WD 2968  SPL VESSEL#  START DATE ACTUAL TIME FISHED Hours Lor Days L.  UNLOAD DATE  DEPTH Feet Lor Fathoms GEAR FISHED Purse LHaul Longline L.  H&L. Traps Trawl Gill Trammel LCast LBandit LOther LILL  # OF SETS TRAPS PULLED SOAK TIME Hours Lor Days L.  HEADBOAT GUIDE CHARTER AQUACULTURE LEASE#  PURCHASED FROM BG 14195 CONT							
CODE	SIZE	GRADE	SPECIES NAME	LB/NUMBERS	UNIT\$	\$ VALUE	DISP
234	JIZL	GRADE	TRIGGERFISH	LD/NOMBER3	ONITO	\$ VALUE	DISF
103			AMBERJACK, GREATER				<del></del>
219			MACKEREL, SPANISH				<del>                                     </del>
165			MACKEREL, KING				<del></del>
247			PORGY (OTHER), PINKS				<del>                                     </del>
379			PORGY, RED				<del></del>
			SNAPPER				<del></del>
			SNAPPER				<del></del>
			SNAPPER				<del></del>
			GROUPER				<del></del>
			GROUPER				<del></del>
			GROUPER				<del></del>
			GROUPER				<del>                                     </del>
			MULLET				<del></del>
			FLOUNDER				_
	TOTAL						
_	FWC #33-611						#33-611

### ATTACHMENT B - ID FORMAT FOR **FORM A3\*** SEDAR7-DW-39 MARINE FISHERIES TRIP TICKET FILE STRUCTURE

Field I	Data		Special Formatting	
From	To	Type	Instructions	Field Name
1	9	Ĉ	Up to 2 char. prefix, 7-digit number	Saltwater Products License
10	18	C	2 char.+7-digits,	Vessel Identification Number or 2 char.+4-
digits+	+2 char.			
19	27	C	Up to 2 char. prefix, 7-digit number	Dealer's License Number
28	29	N	2 numeric digits	Number of Crew
30	35	N	MM/DD/YY	Trip Start Date
36	41	N	MM/DD/YY	Unloading Date
42	44	N	Fill with leading zeros	Actual Time Fished
45	45	C	'H' or 'D'	H(ours) or D(ays)
46	50	N	Fill with leading zeros	Area Fished (one implied decimal place)
			Format nnn.n	
51	52	C	2 char.	State
53	54	N	2 numeric digits	County Landed (2-digit)
55	58	N	Fill with leading zeros	Depth
59	59	C	F or blank	F (athoms) or Blank (=feet)
			Gears Fished	
60	60	C	1 or blank	'1'=Purse Seine, or blank
61	61	C	1 or blank	'1'=Beach or Haul Seine, or blank
62	62	C	1 or blank	'1'=Long Line, or blank
63	63	C	1 or blank	'1'=Hook & Line, or blank
64	64	Č	1 or blank	'1'=Traps, or blank
65	65	C	1 or blank	'1'=Trawl, or blank
66	66	Č	1 or blank	'1'=Gill net, or blank
67	67	Č	1 or blank	'1'=Trammel net, or blank
68	68	Č	1 or blank	'1'=Cast net, or blank
69	69	Č	1 or blank	'1'=Bandit rig, or blank
70	73	Č	4 numeric digits or blank	4-digit gear code, or blank
74	75	N	Fill with leading zeros	Number of gear sets
76	79	N	Fill with leading zeros	Number of traps pulled
80	82	N	Fill with leading zeros	Soak time
83	83	C	'H' or 'D'	H(ours) or D(ays)
84	84	C	1 or blank	'1'=Headboat, or blank
85	85	C	1 or blank	'1'=Guide trip, or blank
86	86	C	1 or blank	'1'=Charterboat, or blank
87	87	C	1 or blank	'1'=Aquaculture, or blank
88	97	C	Left justify	Aquaculture Lease Number
98	101	C	Left justify, usually 2 char.	Invoice Prefix (dealer preprinted invoices)
102	108	N	Fill with leading zeros	Invoice Number
109	109	C	alphanumeric char. or blank	Invoice Continuation (for split trips)
110	112	N	3 numeric digits	Species Code (3-digit)
113	113	S	blank	Not used on this form
114	121	C	Left justify	Size or Shrimp Count Code
122	123	C	2 char.	Grade or Market Category
124	133	N	Fill with leading, trailing zeros	Amount of Catch (precision to 0.01 units)
134	134	S	Format nnnnnnn.nn blank	Not used on this form
135	141	N	Fill with leading, trailing zeros	Unit Price (precision to 0.001 units)
133	171	11	Format nnn.nnn	ometrice (procision to 0.001 unus)
142	142	S	blank	Not used on this form
143	144	C	2 char.	Disposition of catch
145	146	C	"A3"	Form Number "A3"
		_	-	

beside the Invoice number/continuation field.

### FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION FLORIDA MARINE RESEARCH INSTITUTE MARINE FISHERIES TRIP TICKET

### LIST OF SPECIES CODES AND NAMES

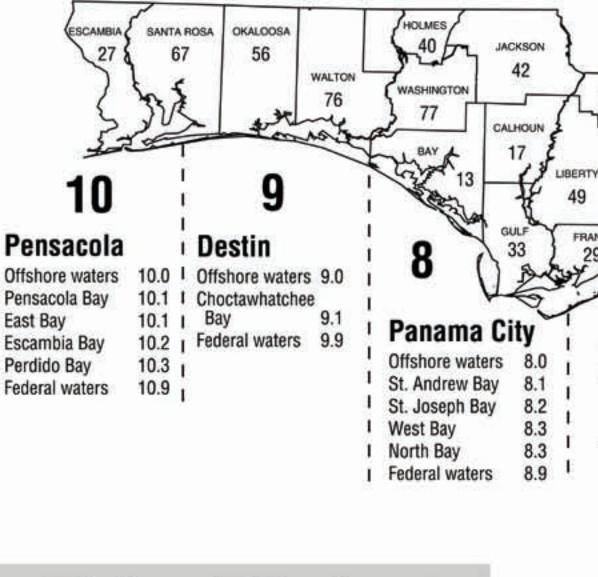
LIST OF SPECIES CODES AND NAMES						
FINFISH	240 Kingfich ("whiting")	479 Shark Atlantia sharanasa	257 Clama middlanaaka (numbora)*			
103 Amberjack, greater 471 Amberjack, greater (cores)	249 Kingfish ("whiting") 167 Ladyfish	478 Shark, Atlantic sharpnose 480 Shark, bignose	257 Clams, middlenecks (numbers)* 258 Clams, topneck (numbers)*			
415 Amberjack, lesser	456 Ladyfish (headed & gutted)	476 Shark, blacknose	259 Clams, cherry (numbers)*			
472 Amberjack, lesser (cores)	166 Lizardfish	477 Shark, blacktip	261 Clams, chowder (numbers)*			
104 Anchovies (pounds)		479 Shark, bonnethead	370 Clams (pounds in shell)*			
450 Angelfish	220 Mackerel, cero	481 Shark, bull	301 Clams, sunray venus			
102 Bait Fish (pounds)	164 Mackerel, chub	483 Shark, dusky				
182 Bait Fish (numbers)	165 Mackerel, king	482 Shark, finetooth	314 Conch (whelk, helmet)			
105 Ballyhoo (pounds)	219 Mackerel, Spanish	485 Shark, hammerhead	221 Crab blue (bard pounds)			
106 Ballyhoo (numbers)	391 Margates	487 Shark, lemon 489 Shark, mako, shortfin	321 Crab, blue (hard, pounds) 322 Crab, blue (hard, numbers)			
459 Barracuda (or sennet)	168 Menhaden (pogies, bunkers; numbers)	491 Shark, sandbar	323 Crab, blue (soft, numbers)			
457 Barrelfish	173 Menhaden (pogies, bunkers)	492 Shark, silky	323 Grab, blue (Sort, Humbers)			
408 Bass, longtail	403 Mojarra (Gerreidae, striped, spotfin, other		448 Crab, calico (dolly varden; bait)			
287 Bigeye (razors)	404 Mojarra, Irish pompano	493 Shark, thresher	324 Crab, golden			
107 Bluefish	, , , ,	495 Shark, tiger	364 Crab, horseshoe (numbers)			
108 Blue Runner (numbers)	172 Mullet, fingerling	199 Shark, mixed	368 Crab, Jonah			
109 Blue Runner	174 Mullet, fingerling (numbers)	497 Shark, other	360 Crab, mole (sand flea)			
273 Bream, red ("alfonsin")	175 Mullet, black (striped, liza)	200 Shark Fins	369 Crab, mole (sand flea; numbers)			
385 Brotula	176 Mullet, black, roe, red (lbs of fish)	004.01	366 Crab, red			
409 Bumper, Atlantic (pounds)	178 Mullet, black, roe, white (lbs of fish)	201 Sheepshead	205 Crab stage (iverbe slave)			
453 Butterfish	475 Mullet, black, roe (red/white roe only)	419 Spappar black	325 Crab, stone (jumbo claws)			
115 Catfish (sailcats, hardheads) 113 Cobia	177 Mullet, silver 470 Mullet, silver (numbers)	418 Snapper, black 419 Snapper, blackfin (hambone)	327 Crab, stone (large claws) 329 Crab, stone (medium claws)			
118 Croaker (numbers)	470 Mailet, Silver (Hambers)	426 Snapper, Caribbean red	331 Crab, stone (small claws)			
119 Croaker	297 Needlefish	420 Snapper, cubera	332 Crab, stone (ungraded, green			
387 Cusk-eel	298 Needlefish (numbers)	421 Snapper, dog	claws)			
407 Cutlassfish	383 Oil fish	205 Snapper, grey (mangrove)	319 Lobster, Spanish (dozers)			
121 Dolphin	389 Opah	203 Snapper, lane	320 Lobster, Spanish (tails)			
123 Drum, black	451 Parrotfish	423 Snapper, mahogany	317 Lobster, spiny (whole)			
	181 Permit	207 Snapper, mutton	318 Lobster, spiny (tails)			
275 Eel, conger	411 Pinfish (numbers)	425 Snapper, queen (ballbat)				
277 Eel, moray	412 Pinfish (pounds)	209 Snapper, red	302 Oysters (pounds in shell)*			
125 Eel, other	004.5	427 Snapper, schoolmaster	303 Oysters (bushels, sacks)*			
384 Escolar	224 Pomfret, bigscale	211 Snapper, silk (yellow-eye)	304 Oysters (pounds of meat)*			
201 Flounder Culf	226 Pomfret, other	213 Snapper, vermilion (b-liner)	305 Oysters (gallons)*			
291 Flounder, Gulf 292 Flounder, southern	183 Pompano, Florida 458 Pompano, African	429 Snapper, wenchman 215 Snapper, yellowtail	307 Oysters (barrels)*			
293 Flounder, summer	430 Fompano, Amcan	218 Snapper, mixed	310 Scallops, bay (bags, bushels)			
127 Flounder, other	247 Porgy, other (scup)	217 Snapper, other	311 Scallops, bay (gallons)			
127 1 10011001, 001101	372 Porgy, grass	217 Chapper, care	312 Scallops, bay (lbs of meat)			
295 Flyingfish	373 Porgy, jolthead	452 Spadefish	263 Scallops, bay (lbs in shell)			
371 Flyingfish (numbers)	375 Porgy, knobbed	225 Spot	265 Scallops, bay (numbers)			
401 Goatfishes (Mullidae)	377 Porgy, longspine	228 Spot (numbers)				
	379 Porgy, red	120 Squirrelfish (razors)	269 Scallops, calico (bags, bushels)			
131 Grouper, black (carberita)		279 Surgeonfish	313 Scallops, calico (gallons)			
431 Grouper, coney	454 Puffers	229 Swordfish	267 Scallops, calico (lbs of meat)			
133 Grouper, gag	184 Rays (skates)	179 Tilapia ("Nile Perch")	271 Scallops, calico (lbs in shell)			
433 Grouper, graysby	414 Rudderfish, banded ("amberina")	234 Triggerfish	OAE Obsisses built (seemble ass)			
439 Grouper, hind, red ("strawberry")	474 Rudderfish, banded (cores)	449 Tripletail	345 Shrimp, bait (numbers)			
<ul><li>441 Grouper, hind, rock</li><li>443 Grouper, hind, speckled (Kitty Mitch</li></ul>	187 Sand Perch (Serranidae) 188 Sand Perch (Serranidae; numbers)	463 Tilefish, anchor	346 Shrimp, bait (pounds) 337 Shrimp, brown (heads off)			
435 Grouper, marbled	413 Sardines, scaled	465 Tilefish, blackline	338 Shrimp, brown (heads on)			
437 Grouper, misty	274 Sardines, scaled (numbers)	231 Tilefish (golden)	333 Shrimp, pink (heads off)			
135 Grouper, Nassau	221 Sardines, Spanish	467 Tilefish, goldface	334 Shrimp, pink (heads on)			
137 Grouper, red	222 Sardines, Spanish (numbers)	233 Tilefish, blueline (gray)	339 Shrimp, rock (heads off)			
139 Grouper, scamp	, , , , ,	469 Tilefish, sand	340 Shrimp, rock (heads on)			
141 Grouper, snowy	129 Scad, bigeye (goggle-eye, pounds)		341 Shrimp, royal red (heads off)			
445 Grouper, tiger	130 Scad, bigeye (goggle-eye, numbers)	240 Tuna, albacore	342 Shrimp, royal red (heads on)			
143 Grouper, warsaw	117 Scad, round (cigarfish, pounds)	235 Tuna, bigeye	335 Shrimp, white (heads off)			
145 Grouper, yellowedge	417 Scad, round (cigarfish, numbers)	237 Tuna, blackfin	336 Shrimp, white (heads on)			
147 Grouper, yellowfin (="fireback")	201 Coornigation	239 Tuna, bluefin	343 Shrimp, other (heads off)			
447 Grouper, yellowmouth	381 Scorpionfish	241 Tuna, skipjack	344 Shrimp, other (heads on)			
150 Grouper, mixed 149 Grouper, other	382 Rosefish, blackbelly	243 Tuna, yellowfin 244 Tuna, mixed	355 Sponge grass (numbers)			
ino Grouper, ourer	281 Sea bass, bank	ZTT TUIIA, IIIIAGU	355 Sponge, grass (numbers) 353 Sponge, sheepswool (numbers)			
151 Grunts	283 Sea bass, black	111 Tunny, little ("bonito")	357 Sponge, yellow (numbers)			
152 Grunts (numbers)	285 Sea bass, rock	245 Wahoo	359 Sponge, other (numbers)			
388 Hake (southern, gulf, spotted)	189 Sea bass, mixed	405 Wreckfish	3-7			
455 Harvestfish	,	406 Wreckfish roe (red/white roe	351 Crustaceans, mixed			
289 Herring, round	299 Searobins	only, lbs)	367 Jellyfish			
153 Herring, thread		251 Miscellaneous Food Fish	361 Miscellaneous Invertebrates			
154 Herring, thread (numbers)	191 Seatrout, weakfish (East coast)	253 Miscellaneous Industrial Fish	362 Mussels			
155 Hogfish ("Hog Snapper")	192 Seatrout, silver		349 Octopus			
440 1 1 1	193 Seatrout, spotted	INVERTEBRATES	363 Sea Cucumbers			
416 Jack, almaco	195 Seatrout, sand (Gulf coast)	309 Clams (ungraded, gallons)*	365 Sea Urchins			
473 Jack, almaco (cores)	107 Chad American	308 Clams (ungraded, numbers)*	347 Squid			
393 Jack, Atlantic moonfish	197 Shad, American	256 Clams, littlenecks (numbers)*				
395 Jack, bar 396 Jack, bar (numbers)	461 Shad, gizzard					
157 Jack, crevalle	Revised July 23, 2002	* <b>F</b> .	or aquaculture, use gear code 9955			
397 Jack, brevalle (gallego)	Other species codes may be available.	Bureau of Mar. Fish. Mngmt.				
398 Jack, lookdown	For help with trip tickets: (727) 822-8	· ·	,			
399 Jack, yellow	Florida Marine Research Institute: (727) 896-8		` '			
159 Jack, mixed	Licenses and Permits Section: (850) 487-3		• •			
161 Jack, other	Division of Marine Fisheries: (850) 487-0		` '			



# FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

Florida Marine Research Institute Marine Fisheries Trip Ticket Office

> 100 8th Avenue SE St. Petersburg, FL 33701-5020 727-822-8783



# Marine Fisheries Trip Ticket FISHING AREA CODE MAP

Fishery Management Regulations can be found at the following Web sites:

# **Federal Waters**

South Atlantic Fishery Management Council www.safmc.net/
Gulf of Mexico Fishery Management Council www.gulfcouncil.org/
NOAA Fisheries www.nmfs.noaa.gov

National Marine Fisheries Service Southeast Regional Office caldera.sero.nmfs.gov/

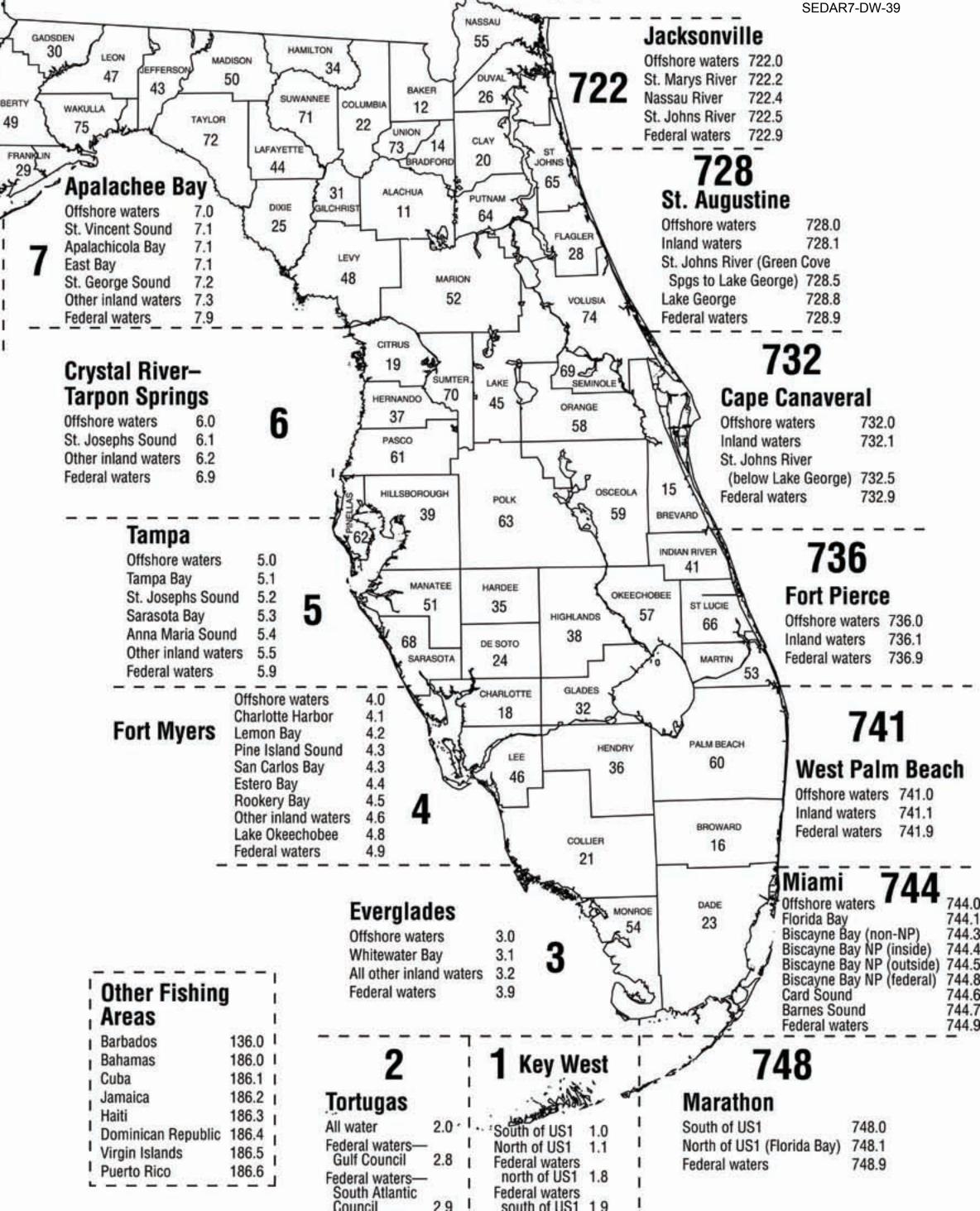
## **State Waters**

Florida Fish & Wildlife Conservation Commission www.floridaconservation.org

# **Our Website**

Florida Marine Research Institute www.floridamarine.org

FWC FMRI St Petersburg		National Marine Fisheries Service		
Marine Fisheries Trip Ticket Office	727/822-8783	St. Petersburg—Fisheries Mgmt.	727/570-5305	
FMRI Fax (Trip Ticket Office)	727/894-6181	St. Petersburg—Permits	727/570-5326	
Florida Marine Research Institute	727/896-8626	Sub-Participal Contract (Contract Contract Contr		
		Federal Councils		
FWC Tallahassee		S. Atlantic Fishery Mgmt. Council	843/571-4366	
Division of Marine Fisheries	850/487-0554	Gulf of Mexico Fish. Mgmt. Council		
Licenses and Permits Section	850/487-3122	22.1		
Marine Fisheries Management	850/488-6058	Interstate Commissions		
Marine Fisheries Services	850/922-4340	Atlantic States Marine Fish. Comm.	202/289-6400	
LAW ENFORCEMENT	888/404-3922	Gulf States Marine Fish. Comm.	228/875-5912	



717 Georgia

### SEDAR7-DW-39

Trawls						025,111, 511, 60
1900   Beam Trawl	Gear Code	<u>Description</u>	Most often used for:	Gear Code	<u>Description</u>	Most often used for:
2001   Single Trawl		Trawls			Hook & Line	
2001   Single Trawl	1900	Beam Trawl	Food Shrimp	6110	Rod And Reel	
Double Trawl		Single Trawl		6120	Hand Reel	
2003		•	•		Electric Reel	
Roller Frame Trawl	2003	Twin Trawl	•	6301	Head Boat	
2007   Quad Rig Trawl   Food Shrimp   6750   Long Line, Surface/Midwater   Food Shrimp   6760   Long Line, Bottom   Bouy Drop Line   Grown   G	2004	Roller Trawl	•	6302	Guide Boat	
Skimmer Trawl	2005	Roller Frame Trawl	Bait Shrimp	6303	Charter Boat	
Nets	2007	Quad Rig Trawl	Food Shrimp	6750	Long Line, Surface/Midwater	
Nets	2009	Skimmer Trawl	Food Shrimp	6760	Long Line, Bottom	
Nets				6770	Bouy Drop Line	
Beach/Haul Seine   Fish   Fi				6800	Trot Line	Catfish
200   Beach/Haul Seine   Fish		Nets				
1450         Purse/Rib Seine         Bait Fish         7600         Gig/Spear         Fish           1455         Purse/Tarp         Fish         8400         Tongs         Oysters           1750         Lampara         Bait Fish (Ballyhoo)         8405         Hand (Hogging)         Oysters           1890         Butterfly (Wing) Net         Shrimp         9250         Sponge Hook         Sponges           4700         Gill Net, Run-around         Fish         9355         Other Tropicals           4750         Gill Net, Run-around         Fish         9430         Chemical, Quinaldine         Tropicals           4760         Gill Net, Siab         Fish         9431         Chemical, other         Tropicals           4770         Gill Net, Sink         Fish         9432         Hand Net         Tropicals, Lobsters           4770         Gill Net, Sink         Fish         9432         Hand Net         Tropicals, Lobsters           4780         Gill Net, Drift         Shark         9433         Scuba         Tropicals, Lobsters           5300         Trammel Net         Fish         9434         Snorkel         Tropicals, Lobsters           5350         Trammel, Run-around         Fish         9436					Hand Gears	
1455         Purse/Tarp         Fish         8400         Tongs         Oysters           1750         Lampara         Bait Fish (Ballyhoo)         8405         Hand (Hogging)         Oysters           1890         Butterfly (Wing) Net         Shrimp         9250         Sponge Hook         Sponges           4700         Gill Net         Fish         9355         Other Tropicals         Tropicals           4750         Gill Net, Run-around         Fish         9430         Chemical, Quinaldine         Tropicals           4760         Gill Net, Stab         Fish         9431         Chemical, other         Tropicals           4770         Gill Net, Sink         Fish         9432         Hand Net         Tropicals, Lobsters, Hoop           4780         Gill Net, Drift         Shark         9433         Scuba         Tropicals, Lobsters           5300         Trammel Net         Fish         9434         Snorkel         Tropicals, Lobsters           5350         Trammel, Stab         Fish         9435         Bully Net         Lobsters           5360         Trammel, Stab         Fish         9436         Shrimp Dip Net         Shrimp           7350         Cast Net         Fish, Bait Fish         9	200	Beach/Haul Seine	Fish			
1750         Lampara         Bait Fish (Ballyhoo)         8405         Hand (Hogging)         Oysters           1890         Butterfly (Wing) Net         Shrimp         9250         Sponge Hook         Sponges           4700         Gill Net         Fish         9355         Other Tropicals           4750         Gill Net, Run-around         Fish         9430         Chemical, Quinaldine         Tropicals           4760         Gill Net, Stab         Fish         9431         Chemical, other         Tropicals           4770         Gill Net, Sink         Fish         9431         Chemical, other         Tropicals           4770         Gill Net, Sink         Fish         9432         Hand Net         Tropicals, Lobsters, Hoop           4780         Gill Net, Drift         Shark         9433         Scuba         Tropicals, Lobsters           5300         Trammel, Net         Fish         9434         Snorkel         Tropicals, Lobsters           5350         Trammel, Stab         Fish         9436         Shrimp Dip Net         Shrimp           7250         Push Net         Shrimp         9437         Hand Gear         Tropicals           7350         Cast Net         Fish, Bait Fish         9550	1450	Purse/Rib Seine	Bait Fish	7600	Gig/Spear	Fish
1890         Butterfly (Wing) Net         Shrimp         9250         Sponge Hook         Sponges           4700         Gill Net         Fish         9355         Other Tropicals         Tropicals           4750         Gill Net, Run-around         Fish         9430         Chemical, Quinaldine         Tropicals           4760         Gill Net, Stab         Fish         9431         Chemical, other         Tropicals           4770         Gill Net, Sink         Fish         9432         Hand Net         Tropicals, Lobsters, Hoop           4780         Gill Net, Drift         Shark         9433         Scuba         Tropicals, Lobsters           5300         Trammel Net         Fish         9434         Snorkel         Tropicals, Lobsters           5350         Trammel, Run-around         Fish         9435         Bully Net         Lobsters           5360         Trammel, Stab         Fish         9436         Shrimp Dip Net         Shrimp           7250         Push Net         Shrimp         9550         Rake, Shovel, Pitchfork         Clams           7ass         Cast Net         Fish, Bait Fish         9550         Rake, Shovel, Pitchfork         Clams           3330         Blue Crab Trap         830	1455	Purse/Tarp	Fish	8400	Tongs	Oysters
4700         Gill Net         Fish         9355         Other Tropicals           4750         Gill Net, Run-around         Fish         9430         Chemical, Quinaldine         Tropicals           4760         Gill Net, Stab         Fish         9431         Chemical, other         Tropicals           4770         Gill Net, Sink         Fish         9432         Hand Net         Tropicals, Lobsters, Hoop           4780         Gill Net, Dirit         Shark         9433         Scuba         Tropicals, Lobsters           5300         Trammel Net         Fish         9434         Snorkel         Tropicals, Lobsters           5350         Trammel, Run-around         Fish         9435         Bully Net         Lobsters           5360         Trammel, Stab         Fish         9436         Shrimp Dip Net         Shrimp           7250         Push Net         Shrimp         9437         Hand Gear         Tropicals           7350         Cast Net         Fish, Bait Fish         9550         Rake, Shovel, Pitchfork         Clams           Traps         Other Gears           3330         Stone Crab Trap         8300         Dredge         Scallops, Clams           3450         Fish Trap	1750	Lampara	Bait Fish (Ballyhoo)	8405	Hand (Hogging)	Oysters
4750 Gill Net, Run-around Fish 9430 Chemical, Quinaldine Tropicals 4760 Gill Net, Stab Fish 9431 Chemical, other Tropicals 4770 Gill Net, Sink Fish 9432 Hand Net Tropicals, Lobsters, Hoop 4780 Gill Net, Drift Shark 9433 Scuba Tropicals, Lobsters 5300 Trammel Net Fish 9434 Snorkel Tropicals, Lobsters 5350 Trammel, Run-around Fish 9435 Bully Net Lobsters 5360 Trammel, Stab Fish 9436 Shrimp Dip Net Shrimp 7250 Push Net Shrimp 9437 Hand Gear Tropicals 7350 Cast Net Fish, Bait Fish 9550 Rake, Shovel, Pitchfork Clams Traps  Traps  Other Gears  3300 Blue Crab Trap 3330 Stone Crab Trap 3330 Stone Crab Trap 3350 Lobster Trap 3550 Lobster Trap 3550 Lobster Trap 3700 Shrimp Trap  Other Gears 9999 Other Gears 9999 Other Gears 9999 Other Gears		Butterfly (Wing) Net	•			Sponges
4760 Gill Net, Stab Fish 9431 Chemical, other Tropicals 4770 Gill Net, Sink Fish 9432 Hand Net Tropicals, Lobsters, Hoop 4780 Gill Net, Drift Shark 9433 Scuba Tropicals, Lobsters 5300 Trammel Net Fish 9434 Snorkel Tropicals, Lobsters 5350 Trammel, Run-around Fish 9435 Bully Net Lobsters 5360 Trammel, Stab Fish 9436 Shrimp Dip Net Shrimp 7250 Push Net Shrimp 9437 Hand Gear Tropicals 7350 Cast Net Fish, Bait Fish 9550 Rake, Shovel, Pitchfork Clams Traps  Traps  Other Gears  3300 Blue Crab Trap 3330 Stone Crab Trap 3350 Lobster Trap 3550 Lobster Trap 3760 Shrimp Trap 9901 Retail Bait 3550 Lobster Trap 9909 Other Gears 3700 Shrimp Trap		Gill Net				
4770         Gill Net, Sink         Fish         9432         Hand Net         Tropicals, Lobsters, Hoop Armony         Tropicals, Lobsters, Hoop Armony         Tropicals, Lobsters         Hoop Armony         Tropicals, Lobsters         Hoop Armony         Tropicals, Lobsters         Lobsters         Lobsters         Hoop Armony         Hoop Armony         Tropicals, Lobsters         Lobsters         Lobsters         Lobsters         Lobsters         Lobsters         Lobsters         Hoop Armony		•		9430		
4780         Gill Net, Drift         Shark         9433         Scuba         Tropicals, Lobsters           5300         Trammel Net         Fish         9434         Snorkel         Tropicals, Lobsters           5350         Trammel, Run-around         Fish         9435         Bully Net         Lobsters           5360         Trammel, Stab         Fish         9436         Shrimp Dip Net         Shrimp           7250         Push Net         Shrimp         9437         Hand Gear         Tropicals           7350         Cast Net         Fish, Bait Fish         9550         Rake, Shovel, Pitchfork         Clams           Traps         Other Gears           3300         Blue Crab Trap         8300         Dredge         Scallops, Clams           3450         Fish Trap         9901         Retail Bait           3550         Lobster Trap         9999         Other Gears           3700         Shrimp Trap         9944         Tournament			Fish			•
5300         Trammel Net         Fish         9434         Snorkel         Tropicals, Lobsters           5350         Trammel, Run-around         Fish         9435         Bully Net         Lobsters           5360         Trammel, Stab         Fish         9436         Shrimp Dip Net         Shrimp           7250         Push Net         Shrimp         9437         Hand Gear         Tropicals           7350         Cast Net         Fish, Bait Fish         9550         Rake, Shovel, Pitchfork         Clams           Traps         Other Gears           3300         Blue Crab Trap         8300         Dredge         Scallops, Clams           3450         Fish Trap         9901         Retail Bait           3550         Lobster Trap         9999         Other Gears           3700         Shrimp Trap         9944         Tournament			_			Tropicals, Lobsters, Hoop Net
5350         Trammel, Run-around         Fish         9435         Bully Net         Lobsters           5360         Trammel, Stab         Fish         9436         Shrimp Dip Net         Shrimp           7250         Push Net         Shrimp         9437         Hand Gear         Tropicals           7350         Cast Net         Fish, Bait Fish         9550         Rake, Shovel, Pitchfork         Clams           Traps         Other Gears           3300         Blue Crab Trap         8300         Dredge         Scallops, Clams           3450         Fish Trap         9901         Retail Bait           3550         Lobster Trap         9999         Other Gears           3700         Shrimp Trap         9944         Tournament						
5360         Trammel, Stab         Fish         9436         Shrimp Dip Net         Shrimp           7250         Push Net         Shrimp         9437         Hand Gear         Tropicals           7350         Cast Net         Fish, Bait Fish         9550         Rake, Shovel, Pitchfork         Clams           9551         Hand Gear         Clams           Other Gears         Other Gears           3300         Blue Crab Trap         8300         Dredge         Scallops, Clams           3450         Fish Trap         9901         Retail Bait           3550         Lobster Trap         9999         Other Gears           3700         Shrimp Trap         9944         Tournament						
7250 Push Net Shrimp 9437 Hand Gear Tropicals 7350 Cast Net Fish, Bait Fish 9550 Rake, Shovel, Pitchfork Clams 7350 Traps  Traps  Other Gears  3300 Blue Crab Trap 3330 Stone Crab Trap 3450 Fish Trap 550 Lobster Trap 3700 Shrimp Trap 9901 Retail Bait 9904 Tournament					•	
7350 Cast Net Fish, Bait Fish 9550 Rake, Shovel, Pitchfork Clams 9551 Hand Gear Clams Traps Other Gears  3300 Blue Crab Trap 3330 Stone Crab Trap 3450 Fish Trap 9901 Retail Bait 3550 Lobster Trap 9999 Other Gears 3700 Shrimp Trap 9944 Tournament						•
Scallops, Clams   Scallops,			•			
Traps         Other Gears           3300 Blue Crab Trap         8300 Dredge         Scallops, Clams           3450 Fish Trap         9901 Retail Bait           3550 Lobster Trap         9999 Other Gears           3700 Shrimp Trap         9944 Tournament	7350	Cast Net	Fish, Bait Fish			
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3330Stone Crab Trap8300DredgeScallops, Clams3450Fish Trap9901Retail Bait3550Lobster Trap9999Other Gears3700Shrimp Trap9944Tournament	<b>.</b>				Other Gears	
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3700 Shrimp Trap 9944 Tournament		•				
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						Olama Onatara III B. I
3860 Other Frap 9955 Aquaculture Clams, Oysters, Live Roc	3860	Other Trap		9955	Aquaculture	Clams, Oysters, Live Rock

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