

SHARK FISHING MARCO

MSC 7/14



SHARK FISHING

- 1) What Sharks are in the Area
- 2) Where can they be found
- 3) What gear will I need
- 4) I caught One, Now what
- 5) Can we eat it
- 6) What are the Regulations



Local Sharks (One Per)

- 1) Blacktip*
- 2) Spinner**
- 3) Sandbar
- 4) Nurse**
- 5) Hammerhead
- 6) Bull**
- 7) Bonnethead*

- 8) Lemon
- 9) Blacknose*
- 10) Atl. Sharpnose*
- 11) Tiger
- 12) Great White

* NO MINIMUM SIZE

** 54" TO FORK



They are where the food is

- Think of sharks like Wolves following Buffalo or Lions following Zebras.
- They will be where the food is and they have amazing senses to track it down.
- They like Dead/Cut Bait
- That is their weakness.



What Gear do I need to catch

- 1) Med/Heavy Rod
- 2) Heavy Reel - 80 LB line
- 3) 80 to 120 LB Steel Leader
- 4) Number 9/10 Circle Hooks
- 5) Large/Large Hunks Cut Bait
- 6) Shark Chum - Home made or frozen
- 7) Learn to Direct Tie



What Gear do I need to Harvest

- 1) Long Handle Pliers and Wire Snips
- 2) Short rope with noose to grab tail
- 3) Sharp Knife to bleed Shark
- 4) Large cooler and lots of Ice
- 5) Accurate Measuring devise
- 6) A great deal of respect
- 7) Accurate shark Identity guide



Where do I find them

- 1) They will find you
- 2) Go to Gullivan Bay and anchor
- 3) Put out some Shark Chum
- 4) Throw out some BIG Cut Baits
- 5) Set the drag easy, put rod in holder
- 6) Get your coffee out
- 7) Open a book
- 8) Wait for the clicking of the drag



Well You Caught it... Can You Keep It?

- 1) Identify Type
- 2) Know your FL. Regulations
- 3) Tire it out before Handling
- 4) Rough measure outside Boat
- 5) If released - just cut wire leader



I can Keep It – Now What

- 1) Put Rope Noose Around Tail
- 2) Tie to Cleat / Hanging Outside
- 3) Cut Gills to Bleed(**IMPORTANT**)
- 4) Wait, Wait, Wait, Wait some more
- 5) Gut and Clean, Outside Boat
- 6) Rinse and Pack in Ice
- 7) **MUST BE KEPT WHOLE**



Meanwhile back at the Dock

- 1) Bucket/Bowl of Ice
- 2) Strong Serrated Knife
- 3) Sharp Filet Knife
- 4) Glove to protect hand from Shark Skin
- 5) Decide - Steaks / Filets / Both
- 6) Hint - Cut skin from Inside-out
- 7) No Bone - Cartilage will cut with Serrated Knife



Shark Fishing - Marco

- ❖ Shark Identification – Brian Mordecai
- ❖ Shark Prep & Cooking – Ed Shebert



SHARK IDENTIFICATION

Shark Gallery

Federally Prohibited Species



Sandbar Shark

- Interdorsal ridge present.
- Dorsal fin originates over the middle of pectoral fin.
- 2nd dorsal fin directly over anal fin.
- Length of 2nd dorsal fin rear tip equal to 2nd dorsal fin height.
- Research fishery only. Prohibited recreationally.



Dusky Shark

- Interdorsal ridge present.
- Dorsal fin originates over pectoral fin margins.
- 2nd dorsal fin directly over anal fin.
- Length of 2nd dorsal fin rear tip is twice 2nd dorsal fin height.



Silky Shark

- Interdorsal ridge present.
- Dorsal fin originates behind pectoral fin.
- 2nd dorsal fin directly over anal fin.
- 2nd dorsal fin rear tip length is 3 X 2nd dorsal fin height.
- Prohibited recreationally, allowed commercially.



Sand Tiger Shark

- Lacks an interdorsal ridge.
- 1st and 2nd dorsal fins the same size.
- Pointed snout and slender needle-like teeth.
- 2nd dorsal fin originates forward of anal fin.

Large Coastal Sharks



Spinner Shark

- Lacks an interdorsal ridge.
- Prominent Z-line pattern on sides.
- Dorsal fin originates behind pectoral fins.
- Dark tipped anal fin.



Blacktip Shark

- Interdorsal ridge absent.
- Prominent Z-line pattern on sides.
- Dorsal fin originates over pectoral fins.
- Light colored anal fin.



Tiger Shark

- Distinctive vertical stripes.
- Blunt head.
- Broad curved teeth.



Lemon Shark

- Lacks an interdorsal ridge.
- Nearly equal sized dorsal fins.
- 2nd dorsal fin originates over the anal fin.
- Yellow-green coloration.



Bull Shark

- Lacks an interdorsal ridge.
- Blunt snout.
- 2nd dorsal fin originates forward of anal fin.

Small Coastal Sharks



Blacknose Shark

- Lacks an interdorsal ridge.
- Yellow-green coloration.
- Dusky blotch on very tip of snout.



Atlantic Sharpnose Shark

- Lacks an interdorsal ridge.
- 2nd dorsal fin originates over midpoint of anal fin.
- Small white spots scattered on sides of adult specimens.



Finetooth Shark

- Lacks an interdorsal ridge.
- No dark marking of any fins, pectoral fins white on underside.
- Shiny blue-gray coloration.
- Length of gill slits nearly equal to length of 1st dorsal fin base.



Bonnethead Shark

- Shovel shaped head.
- Small black dots on sides of adult specimens.
- 2nd dorsal fin originates behind anal fin.

Crustaceans and Mollusks



Crab, Blue

Closed Season:

- Regional trap closures apply. See page 8 for 2014 trap closure dates and locations.

Daily Recreational Bag Limit:

- 10 gallons whole per harvester per day

Remarks

- 5 traps maximum. Trap requirements apply. Harvest of egg-bearing crabs prohibited.



Crab, Blue Land

Closed Season:

- July 1–Oct. 31

Daily Recreational Bag Limit:

- 20 per harvester per day

Remarks

- Trapping prohibited, harvest of egg-bearing females prohibited, harvest prohibited in state parks and from the right-of-way of federal, state or county maintained roads.



Crab, Stone

Minimum Size Limits:

- 2 3/4" claw

Closed Season:

- May 16–Oct. 14

Daily Recreational Bag Limit:

- 1 gal. Stone Crab claws per harvester or 2 gal. per vessel, whichever is less

Remarks

- 5 traps maximum. Trap requirements apply. Illegal to possess whole crab. Harvest of egg-bearing crabs prohibited.



Shrimp

Closed Season:

- April & May closed to Nassau, Duval, St. Johns, Putnam, Flagler & Clay counties

Daily Recreational Bag Limit:

- 5 gallons heads on per harvester or vessel per day, whichever is less



Oysters

Minimum Size Limit:

- 3"

Closed Season:

- June, July, Aug. in Dixie, Wakulla, Levy counties.
- July, Aug., Sept. in all other areas.

Daily Recreational Bag Limit:

- 2 bags per harvester or vessel, whichever is less per day.
- 1 Bag = 60 lbs. or two 5 gal. buckets (whole in shell)

Remarks

- Apalachicola Bay has summer & winter seasons/areas.
- Harvest from approved shellfish areas during daylight hours only.
- Go to Floridaaquaculture.com for allowable harvesting areas.



Spiny Lobster

Minimum Size Limit:

- Carapace must be greater than 3" measured in the water

Seasons:

- Regular Season Closed April 1 - August 5
- Sport Season Open July 30-31, 2014

Daily Recreational Bag Limit:

- Sport season: 6 per harvester per day in Monroe County and Biscayne National Park, 12 per day in all other harvest areas.

Remarks

- Recreational trapping prohibited. Spiny Lobster permit required when license required. Harvest of egg-bearing females prohibited. Special bag limit for 2-day Sport Season.

Sharks

Illustrations courtesy of Diane Rome Peebles and Duane Raver

Daily Recreational Bag Limit:

- 1 per harvester or 2 per vessel per day, whichever is less

Remarks

- The retainable sharks are managed as a group for bag limit purposes. In other words, you can only harvest one shark per day and the shark that you harvest must be one of the retainable species.
- Hook-and-line gear only.
- See list of prohibited species on page 19.

Retainable Sharks

(With no minimum size limit)



Atlantic Sharpnose ▲ T



Blacknose ▲ T



Blacktip ▲ T



Bonnethead ▲ T



Finetooth ▲ T



Smooth Dogfish ▲ T

Retainable Sharks

(With a 54" Fork length minimum)



Bull



Spinner



Nurse



Common Thresher

- ▲ Must remain in whole condition (removal of gills and guts allowed).
- ◆ Measured as total length. Total length is the straight line distance from the most forward part of the head with the mouth closed to the farthest tip of the tail with the tail compressed or squeezed together while the fish is lying on its side.

- State regulations apply in federal waters.
- Additional gear rules apply. See [Reef Fish Gear Rules](#) page 11.
- T Harvest prohibited by or with the use of any multiple hook in conjunction with live or dead natural bait.

MACKERAL SHARKS

LOWER LOBE OF CAUDAL FIN IS AT
LEAST 2/3rds. AS LONG AS UPPER LOBE

HAMMERHEAD SHARKS

HAMMER SHAPED HEAD
ROUNDED SPADE-SHAPED HEAD

THRESHER SHARKS

TAIL LONG AS OR LONGER THAN BODY

REQUIUM SHARKS

LONG BARBEL ON MARGIN OF EACH
NOSTRIL

DISTINCT RIDGE BETWEEN
1st AND 2nd DORSAL FINS

NO RIDGE BETWEEN 1st & 2nd DORSAL FINS
1st & 2nd DORSALS NEAR SAME SIZE

COBBLESTONE-LIKE TEETH

BLUNTLY ROUNDED SHORT SNOUT

BLACK TIP ON 1st & 2nd DORSAL FINS
BLACK TIP ON ANAL FIN
NO BLACK TIP ON ANAL FIN

NO BLACK TIP ON 1st OR 2nd DORSAL FINS
DARK SMUDGE ON NOSE TIP

DISTINCT FURROWS AROUND CORNERS
OF MOUTH
CURVED SMOOTH-EDGED TEETH
OFTEN WITH PALE SPOTS ON SIDES

STRAIGHT SMOOTH-EDGED TEETH

PORBEAGLE
MAKO
WHITE

BONNETHEAD

COMMON THRESHER #
BIGEYE THRESHER

NURSE #

SILKY
DUSKY

LEMON

SMOOTH DOGFISH

BULL #

SPINNER #
BLACKTIP

BLACKNOSE

SHARPNOSE

FINETOOTH

EMBOLDENED Retainable with no size limit
EMBOLDENED # Retainable with 54" fork length minimum

NOT FOR DEFINITIVE CLASSIFICATION



To receive a copy of the shark ID, please
send an email to:

bmordecai@comcast.net

Put “Shark ID” in the subject line