

Science, Service, Stewardship



Update on Atlantic Shark Measures

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Presented to HMS AP
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**NOAA
FISHERIES
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Purpose and Outline of Presentation

- Provide updates on upcoming rules and stock assessments
- Obtain AP input before proposed rules are published



Stock Assessment Update

- SEDAR 21 is assessing sandbar, dusky, and blacknose sharks
 - Final results will not be available until after the review workshop (4/18-22/2011)
 - All 3 species are currently under rebuilding plans and measures to end overfishing
 - Sandbar sharks can only be harvested in the Shark Research Fishery
 - Dusky sharks have been prohibited since 2000
 - Blacknose sharks have small quota established in Amendment 3



Scalloped Hammerhead Shark Stock Assessment (Hayes et al. 2009)

- Results indicate that scalloped hammerhead sharks are overfished (45 percent of the biomass associated with Maximum Sustainable Yield (MSY)) and experiencing overfishing (129 percent of fishing mortality associated with MSY)
 - Analyzed shark landings from 1981 through 2005
 - In 2005, population was 17 percent of the virgin stock size
- A Total Allowable Catch (TAC) of 2,853 scalloped hammerhead sharks per year (69 percent of 2005 catch) would allow a 70 percent probability of rebuilding within 10 years
- NMFS is considering using this assessment as a basis for domestic shark management



2010 ICCAT Shark Recommendations

- Recommendation 10-07: “Recommendation by ICCAT on Conservation of Oceanic Whitetip Caught in Association with Fisheries in the ICCAT Convention Area”
 - “Shall prohibit retaining onboard, transshipping, landing, storing, selling, or offering for sale any part or whole carcass of oceanic whitetip in any fishery”
- Recommendation 10-08: “Recommendation by ICCAT on Hammerhead Sharks (Family *Sphyrnidae*) Caught in Association with Fisheries Managed by ICCAT”
 - Shall prohibit retaining onboard, transshipping, landing, storing, selling, or offering for sale any part or whole carcass of hammerhead sharks of the family *Sphyrnidae* (except *Sphyrna tiburo*) taken in the convention area in association with ICCAT fisheries
 - Does not impact bonnethead sharks (*Sphyrna tiburo*)
- Proposed rule is expected to publish in April/May
- Effective Summer 2011



2010 Shark Conservation Act

- The Act requires, among other things, sharks to be landed with fins naturally-attached in U.S. domestic shark fisheries
- Section 103 (b)(1) includes a savings clause:
 - “The amendments made by subsection (a) do not apply to an individual engaged in commercial fishing for smooth dogfish (*Mustelus canis*) in that area of the waters of the United States located shoreward of a line drawn in such a manner that each point on it is 50 nautical miles from the baseline of a State from which the territorial sea is measured, if the individual holds a valid State commercial fishing license, unless the total weight of smooth dogfish fins landed or found on board a vessel to which this subsection applies exceeds 12 percent of the total weight of smooth dogfish carcasses landed or found on board.”
- NMFS is currently in the planning stages to implement the provisions of the Act



Shark Specifications

- 2011 specifications established adaptive management measures to allow flexibility for in-season changes (Final 12/8/2010)
 - Flexible fishing season opening dates
 - Flexible inseason shark trip limits to extend season
- 2012 Shark Specifications: Begin process in late Summer/Fall

2011 Shark Quotas and Preliminary Landings, January 1 – Feb. 28, 2011

Species Group	Region (Opening Date)	2011 Annual Quota	Preliminary Landings (through Feb. 28, 2011)	Season Opening Dates
Non-Sandbar Large Coastal Sharks	Gulf of Mexico	351.9 mt	0 mt dw	March 1, 2011
	Atlantic	190.4 mt	0 mt dw	July 15, 2011
Non-Sandbar LCS Research	No regional quotas	37.5 mt	9.9 mt dw	January 1, 2011
Sandbar Research		87.9 mt	14.7 mt dw in the research fishery and 0.5 mt dw outside research fishery	
Non-Blacknose Small Coastal Sharks		314.4 mt	20.1 mt dw	
Blacknose Sharks		19.9 mt	2.6 mt dw	
Blue Sharks		273 mt	4.6 mt dw	
Porbeagle Sharks		1.6 mt	0.04 mt dw	
Pelagic Sharks Other Than Porbeagle or Blue		488 mt	19.4 mt dw	



Shortfin Mako Shark Webpage

- Result of measures finalized in Amendment 3 to the HMS FMP to promote the live release of shortfin mako sharks on a domestic level.

Atlantic Shortfin Mako Shark

NMFS Encourages the Live Release of Shortfin Mako Sharks

What's the Problem | Make Your Mark | What's Legal | Learn More | FAQs | FishWatch

If You Catch 'em Alive, Let 'em Live

Overfishing is occurring on the population of shortfin mako sharks in the North Atlantic Ocean. This means that shortfin mako sharks are being caught and retained at a rate that could be damaging to the long-term sustainability of the population. If you catch a shortfin mako shark that is in good condition, release it alive to reduce the number of sharks that are removed from the population. By doing this, you can help maintain a healthy shortfin mako population for future generations.

When releasing any shark, try to follow these steps to maximize their chance of survival and minimize injury.

- Use non-stainless steel circle hooks.
- Do not remove the shark from the water.
- Do not gaff the shark.
- Remove the hook from the shark using a de-hooking device.
- If you cannot remove the hook, cut the line as close to the hook as possible.

Download the NMFS [Careful Catch brochure](#) for more safe handling and release information.

Strong recreational and commercial fisheries rely on thriving fish populations. If shortfin mako sharks become overfished, regulations may be necessary to limit the



Shortfin Mako Shark Webpage

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Atlantic Shortfin Mako Shark

Live Shortfin Mako Releases

Click on the points to learn more about shortfin mako shark catch and release locations.



Make Your Mark on the Map!

Submit your shortfin mako shark release information and be a part of the



Shortfin Mako Shark Catch/Release Data

Catch/Release Date: (MM/DD/YYYY)

Location: ° Latitude ° Longitude

Was is Tagged: No Yes **Tag #**

Fork Length: Ft In Actual Measurement Estimated

Shark's Sex: Male Female Unknown

Angler's Name:

Angler's Email:

Include Photo: No file chosen



Thank You

- If you have any questions or require more information, please contact:

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