



---

*Working towards healthy, self-sustaining populations  
for all Atlantic coast fish species or successful  
restoration well in progress by 2015*

---



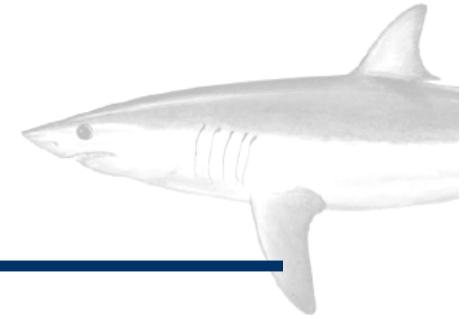
# **ASMFC Spiny Dogfish Management**

**February 2008**





# ASMFC



Ø Formed in 1942

Ø 15 Member States

Ø 3 Commissioners per State

Ø ACFCMA 1993

Ø Regulatory authority in State Waters

***Vision Statement:***

*Working towards healthy, self-sustaining populations for all Atlantic coast fish species or successful restoration well in progress by 2015.*

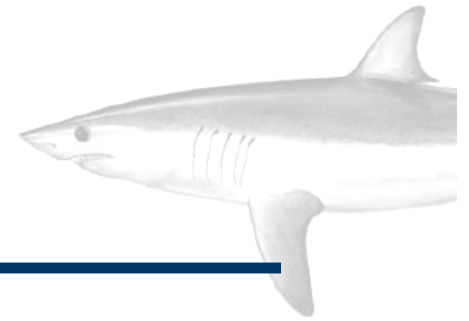




---

# One-State One-Vote

---



Maine

New Hampshire

Massachusetts

Rhode Island

Connecticut

New York

New Jersey

Delaware

Maryland

Virginia

North Carolina

South Carolina

Florida

Georgia

USFWS

NMFS

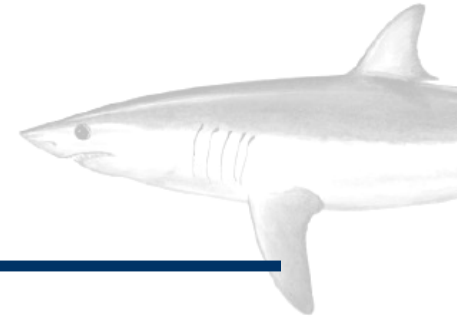




---

# Stakeholder Input

---



Ø Technical Committee

Ø Advisory Panel

Ø Law Enforcement Committee

Ø Public Comment

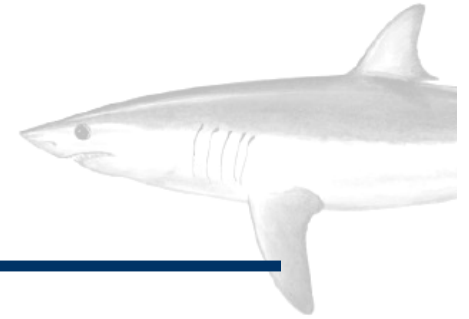




---

# History

---



## **2000: Emergency action**

Ø Close when federal waters close

## **2002: FMP Finalized**

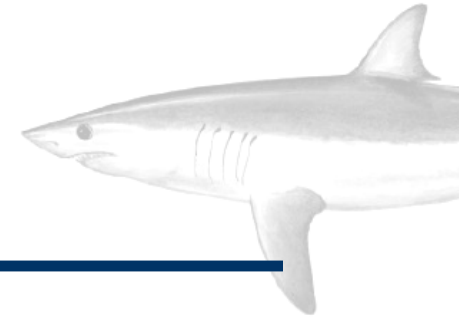
Ø States must implement by May 1, 2003

## **2005: Addendum 1**





# Overview



**Ø Similar to federal management**

**Ø Based on constant fishing mortality rate**

**à Basis for quota**

**Ø Target and threshold biomass**

**à Overfished or not overfished**

**Ø Target and threshold fishing mortality rate**

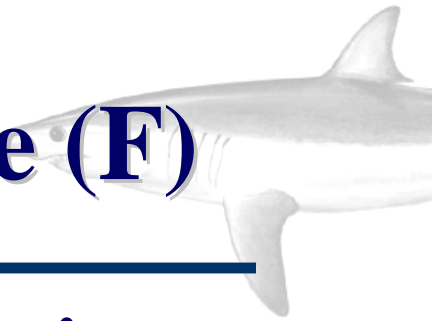
**à Overfishing is occurring or overfishing is not occurring**

**Ø May 1 fishing season starts, 2 periods**





# Fishing Mortality Rate (F)



Ø Rate of removal of fish from a population

Ø Uses spawning stock biomass (SSB)

Ø Overfishing or overfishing not occurring

Ø Currently in rebuilding  $F = 0.11$

Ø 2008/2009 Quota = 8 million pounds

    à 2007/2008 Overfishing not occurring

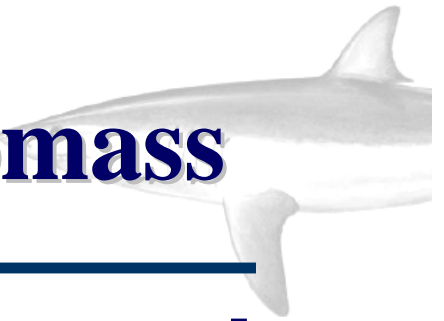
Ø F threshold = 0.39 once rebuilt

    à Potential for increased quota





# Target & Threshold Biomass



Ø Amount of reproductive females in the stock

Ø Uses SSB

Ø 3 year moving average

à Includes year before and after

Ø Target = 167,000 mt

Ø Threshold = 83,500 mt

Ø 2006 SSB = 141,350 mt

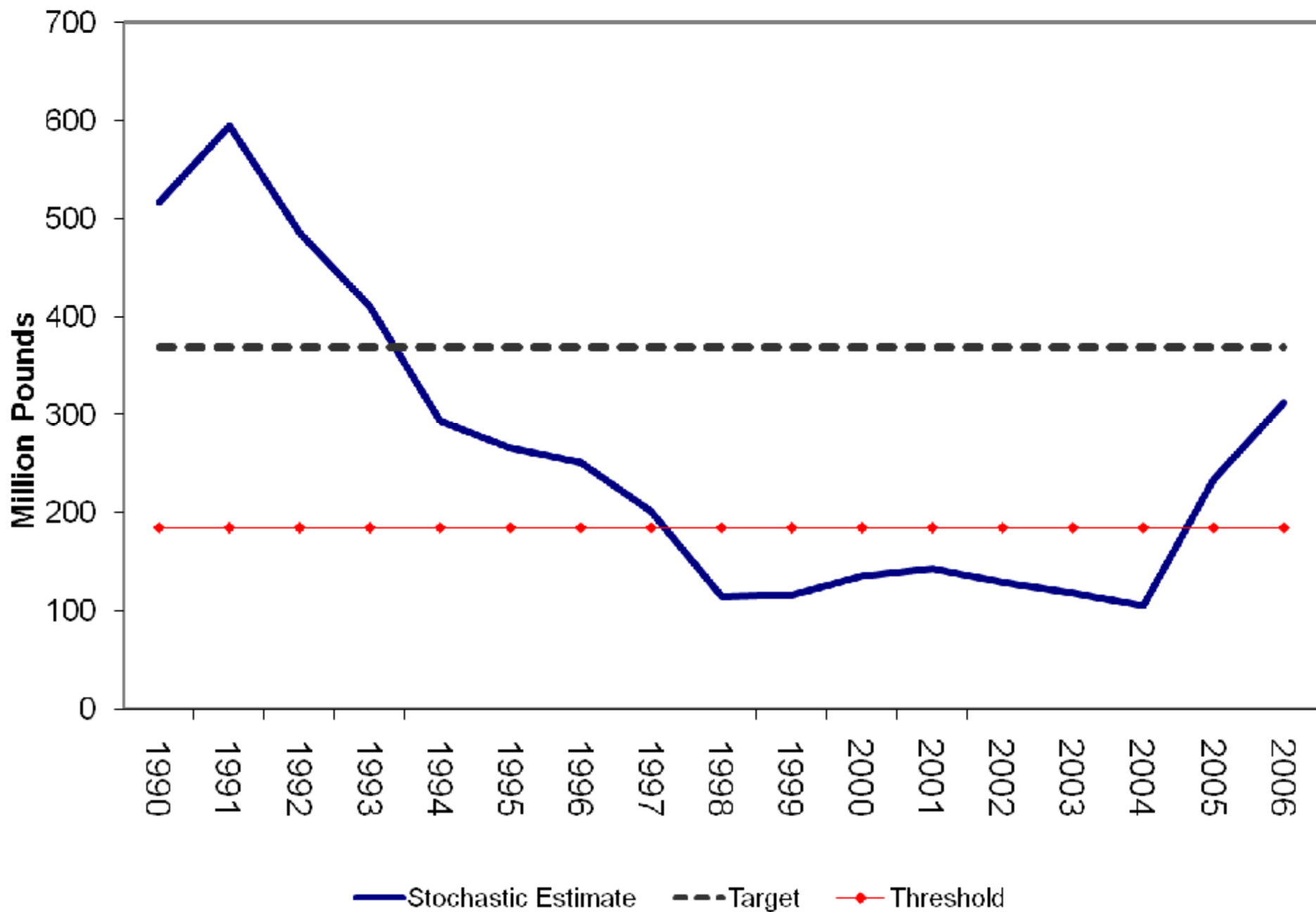
à Not overfished, but not rebuilt





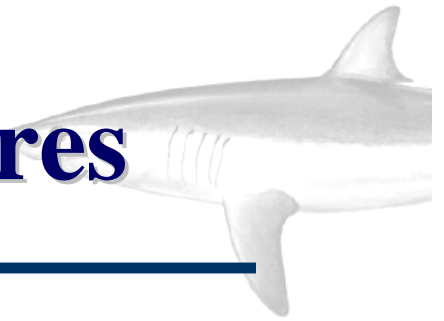
# Spiny Dogfish Female Spawning Stock Biomass\* ( $\geq 80$ cm)

Source: NEFSC Spiny Dogfish Stock Assessment Update, 2007





# Management Measures



**Ø Annual quota based on F**

**Ø TC reviews assessment**

**Ø Divided btw. 2 fishing periods**

**Ø Period 1: May 1 – October 31; 57.9% of quota**

**Ø Period 2: November 1 – April 30; 42.1% of quota**

**Ø Paybacks and rollovers by period**

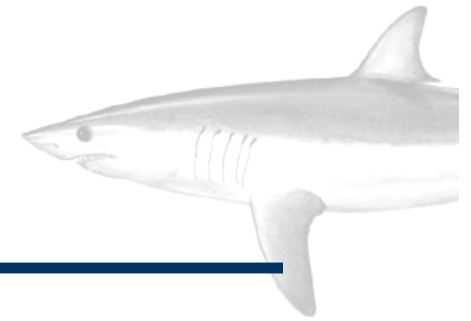
**Ø Possession limits**

**Ø Can be set for up to 5 years (Add. I)**



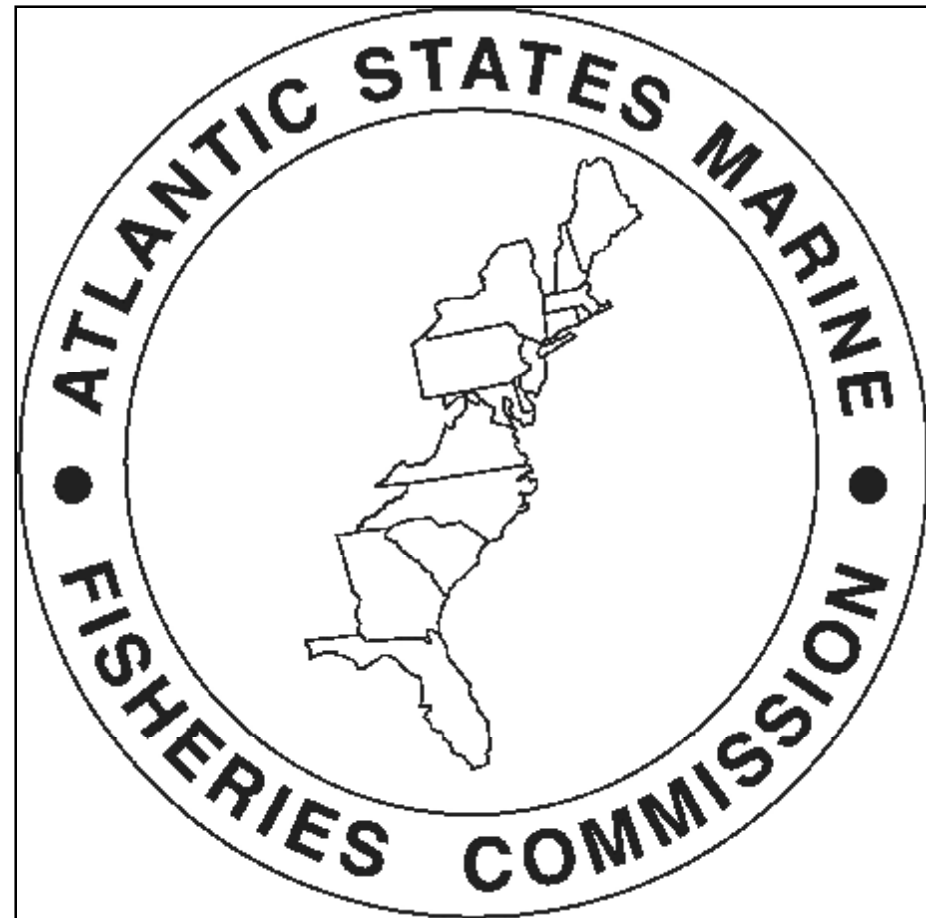


# 2008/2009 Measures



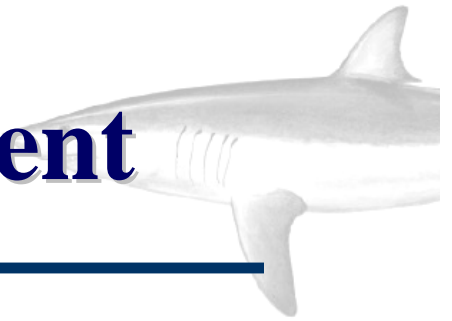
Ø 8 million pounds  
quota

Ø Up to 3,000 lb  
possession limits





# Upcoming Management



## Draft Amendment II

Ø Use regional allocation rather than seasonal

## Draft Amendment III

Ø Individual state quotas



**Questions?**

