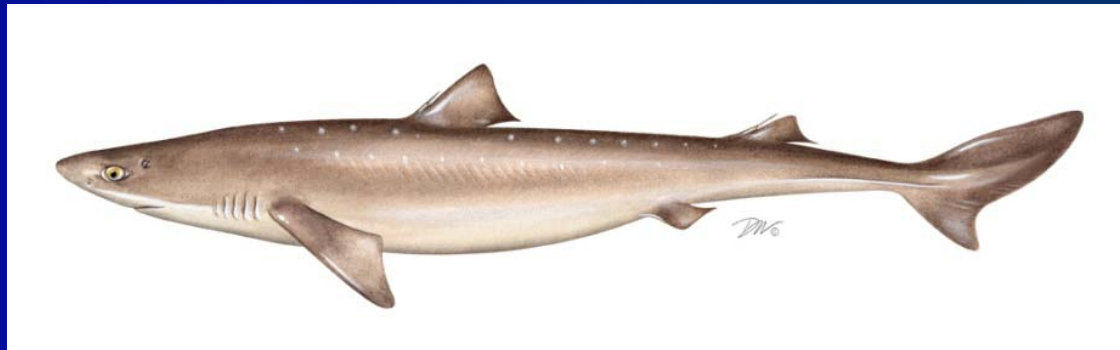




Spiny Dogfish Update



Presented to Spiny Dogfish and Coastal
Sharks Management Board
October 31, 2013
K. Drew (P. Rago unable to attend)

Review

- Existing Management Measures
- Stock Condition
- ABC Update
- Recommendations and Council Action

Existing Management

- 2014 is Year 2/3
- ACL: 55.277 M lb
- Commercial Quota: 41.784 M lb
- Trip Limit: 4,000 lb

Existing Management

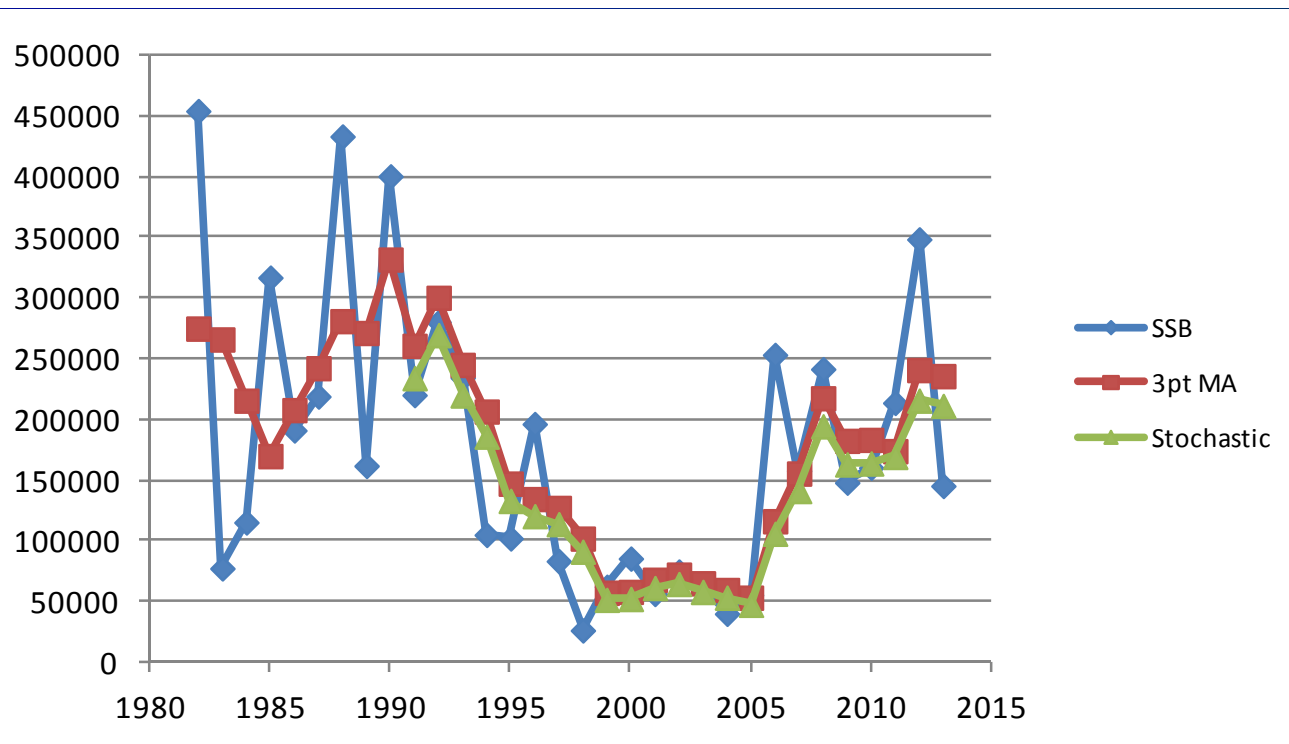
- 2015 is Year 3/3
- ACL: 55.063 M lb
- Commercial Quota: 41.578 M lb
- Trip Limit: 4,000 lb

Stock Status

- Overfishing not occurring, Not overfished
- F_{2012} : 0.149 (F_{MSY} : 0.2439)
- B_{2013} : 211,372 mt (B_{MSY} : 159,288 mt)

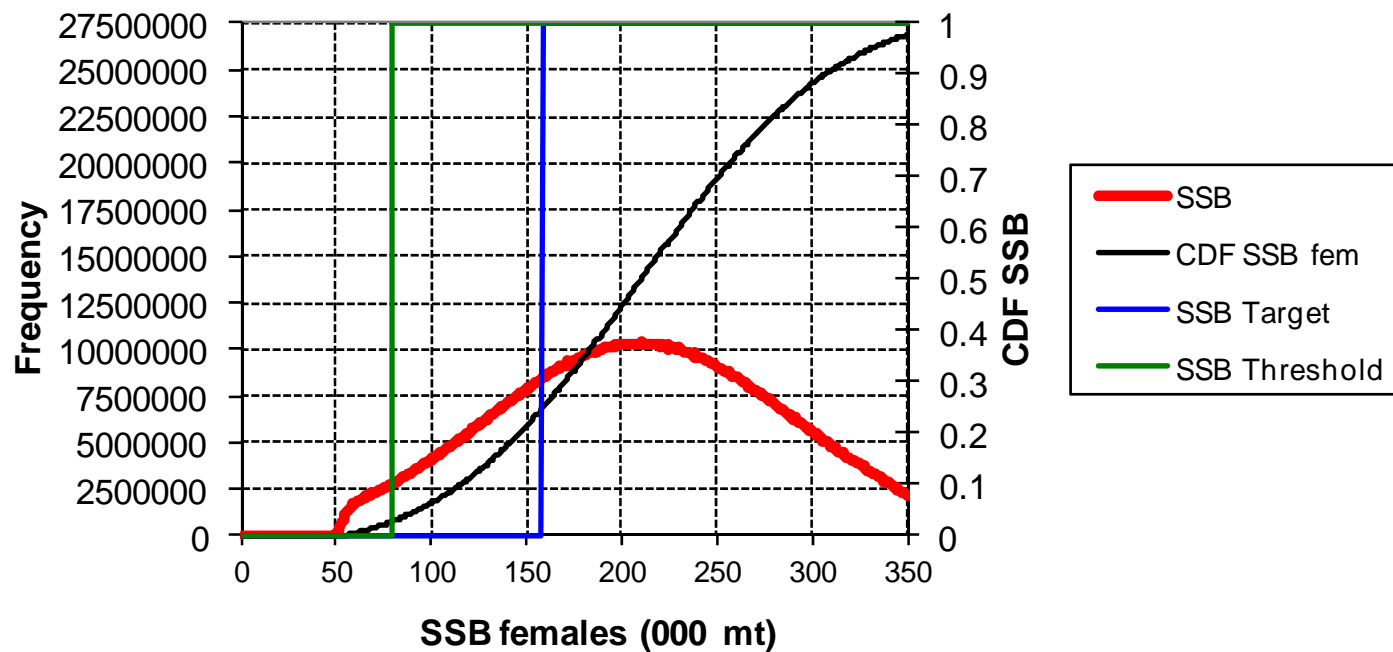
Stock Status

**Female spawning stock biomass
Estimates 1982-2013**



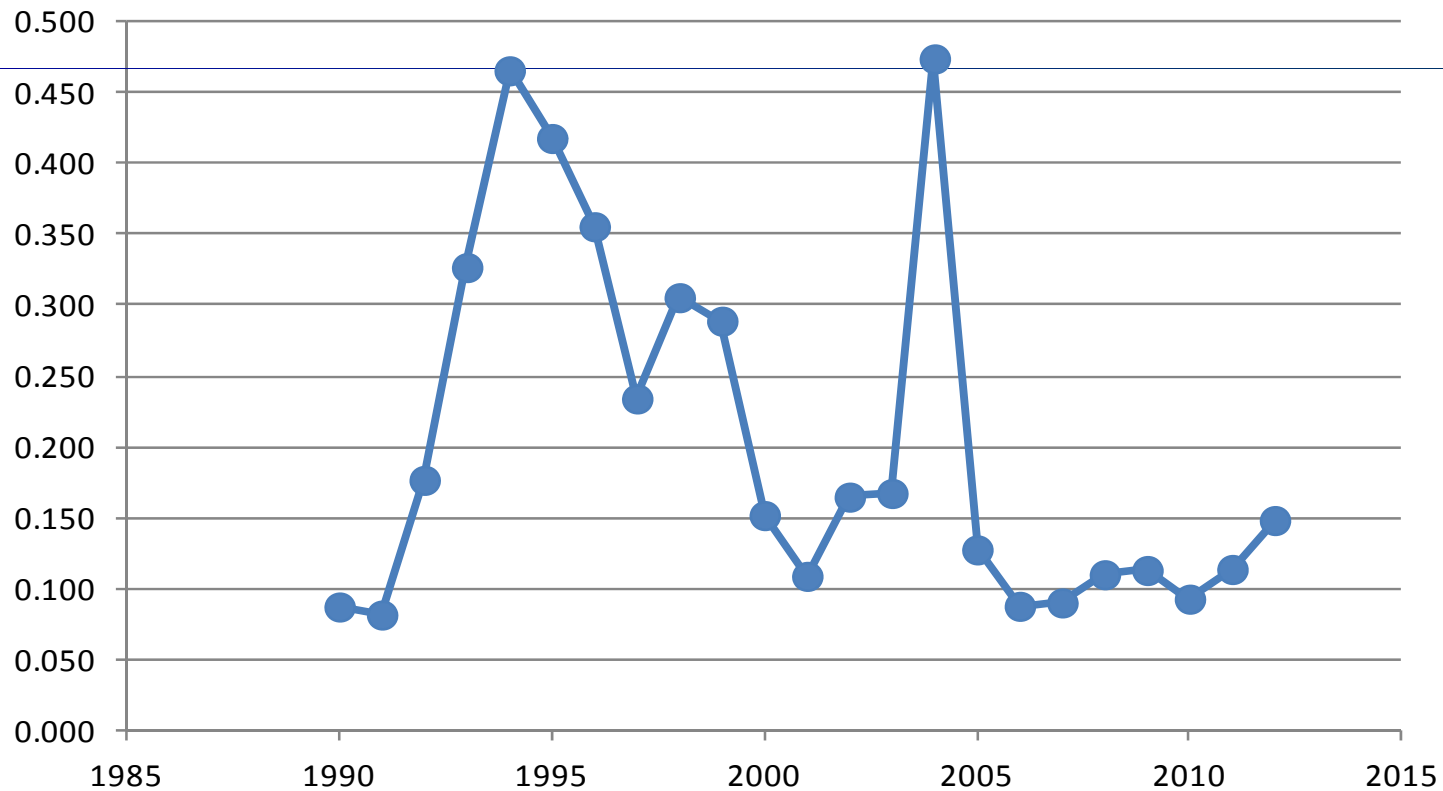
Stock Status

Stochastic Estimate of Spawning Stock Biomass with nominal target and threshold biomasses, 2013



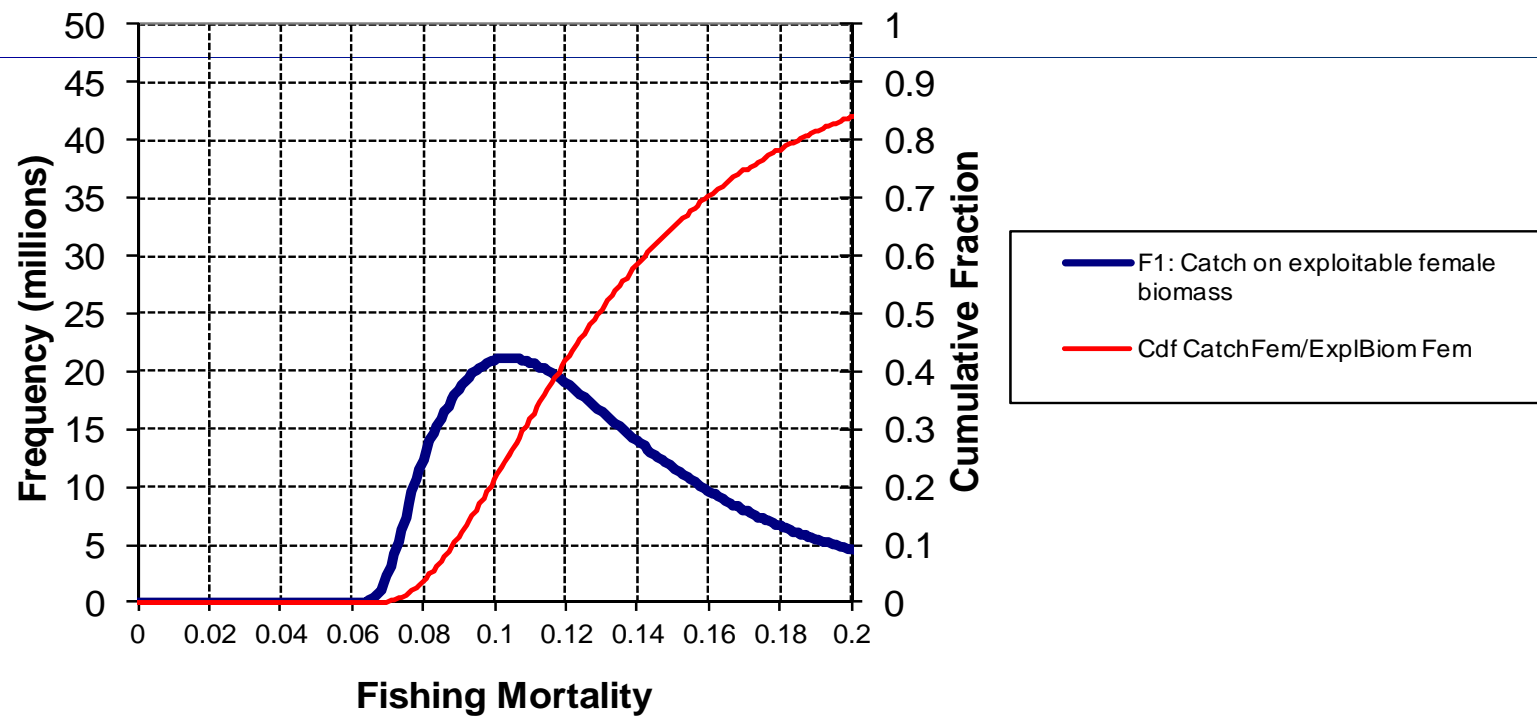
Stock Status

**Fishing Mortality Rate based Female Catch
on Exploitable Female Biomass**



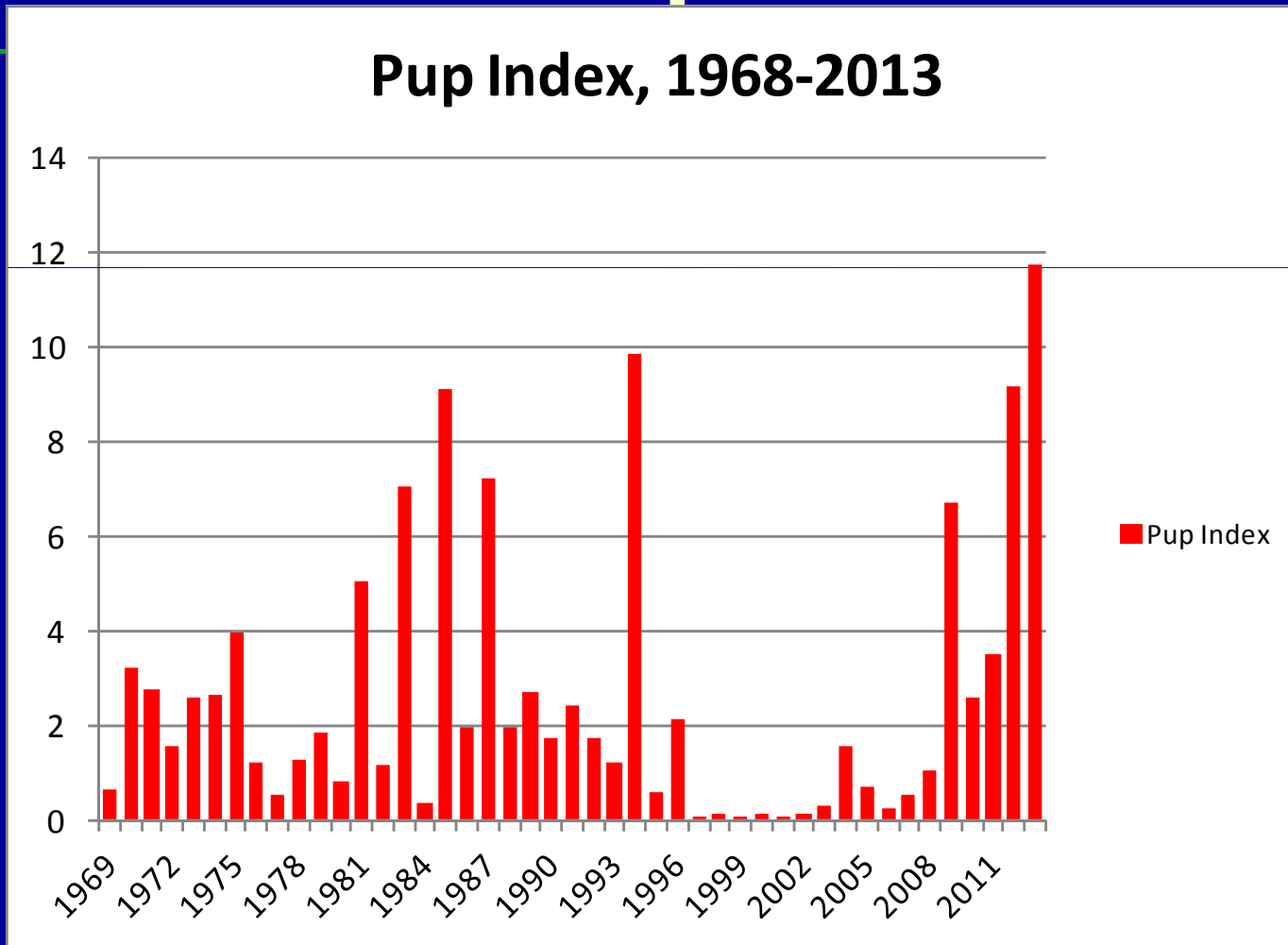
Stock Status

F1: Female Catch vs exploitable biomass: 2012



Pups

Pup Index, 1968-2013



Projections

Percentile	2014				2015				2016			
	<i>Catch</i>	<i>Landings</i>	<i>Discards</i>	<i>Female SSB</i>	<i>Catch</i>	<i>Landings</i>	<i>Discards</i>	<i>Female SSB</i>	<i>Catch</i>	<i>Landings</i>	<i>Discards</i>	<i>Female SSB</i>
1	13,578	5,288	8,290	45,766	13,733	5,448	8,285	43,089	13,759	5,555	8,204	40,419
2	14,436	5,922	8,514	55,631	14,626	6,108	8,518	52,297	14,673	6,230	8,443	48,943
3	15,158	6,456	8,702	63,939	15,378	6,664	8,714	60,048	15,443	6,798	8,645	56,116
4	15,786	6,920	8,866	71,151	16,031	7,147	8,884	66,776	16,111	7,291	8,820	62,340
5	16,344	7,332	9,012	77,564	16,612	7,576	9,036	72,758	16,705	7,730	8,975	67,874
10	18,521	8,942	9,580	102,578	18,876	9,250	9,627	96,085	19,021	9,439	9,582	89,447
15	20,148	10,144	10,004	121,260	20,567	10,499	10,068	113,504	20,750	10,715	10,034	105,555
20	21,497	11,141	10,356	136,753	21,970	11,536	10,434	127,949	22,184	11,774	10,410	118,911
25	22,682	12,017	10,665	150,367	23,202	12,447	10,755	140,641	23,443	12,704	10,740	130,646
30	23,764	12,816	10,947	162,789	24,326	13,278	11,049	152,222	24,593	13,552	11,041	141,352
35	24,776	13,564	11,211	174,411	25,378	14,055	11,323	163,056	25,668	14,346	11,322	151,367
40	25,737	14,275	11,462	185,451	26,378	14,794	11,584	173,349	26,689	15,100	11,590	160,883
45	26,676	14,968	11,707	196,227	27,353	15,515	11,838	183,394	27,686	15,836	11,851	170,169
50	27,596	15,649	11,947	206,794	28,310	16,222	12,088	193,245	28,664	16,557	12,107	179,277
55	28,520	16,331	12,188	217,404	29,270	16,931	12,339	203,135	29,645	17,282	12,364	188,419
60	29,458	17,025	12,433	228,184	30,245	17,652	12,593	213,183	30,642	18,018	12,625	197,707
65	30,425	17,739	12,685	239,279	31,250	18,394	12,855	223,526	31,669	18,775	12,893	207,267
70	31,434	18,486	12,949	250,872	32,299	19,170	13,129	234,333	32,741	19,567	13,174	217,258
80	33,705	20,164	13,541	276,951	34,659	20,915	13,745	258,642	35,153	21,348	13,806	239,728
95	38,872	23,983	14,889	336,278	40,029	24,883	15,146	313,943	40,642	25,399	15,243	290,848
96	39,435	24,399	15,036	342,740	40,614	25,316	15,299	319,966	41,239	25,840	15,399	296,416
97	40,065	24,865	15,200	349,972	41,269	25,800	15,469	326,709	41,909	26,334	15,574	302,649
98	40,797	25,406	15,391	358,379	42,030	26,362	15,668	334,544	42,686	26,908	15,778	309,891
99	41,663	26,046	15,617	368,321	42,930	27,027	15,903	343,812	43,606	27,587	16,019	318,459

Recommendations

- **TC/MC/SSC recommended increased quota in line with the increased ACL/AM**

Council Action

- Move to adopt for spiny dogfish in 2014 an ACL/AM of 60.695 M lb resulting in a commercial quota of 49.037 M lb, and to adopt for spiny dogfish in 2015 an ACL/AM of 62.270 M lb resulting in a commercial quota of 50.612 M lb
 - Waiting for approval from NOAA Fisheries



**2013 Spiny Dogfish FMP Review
and State Compliance**

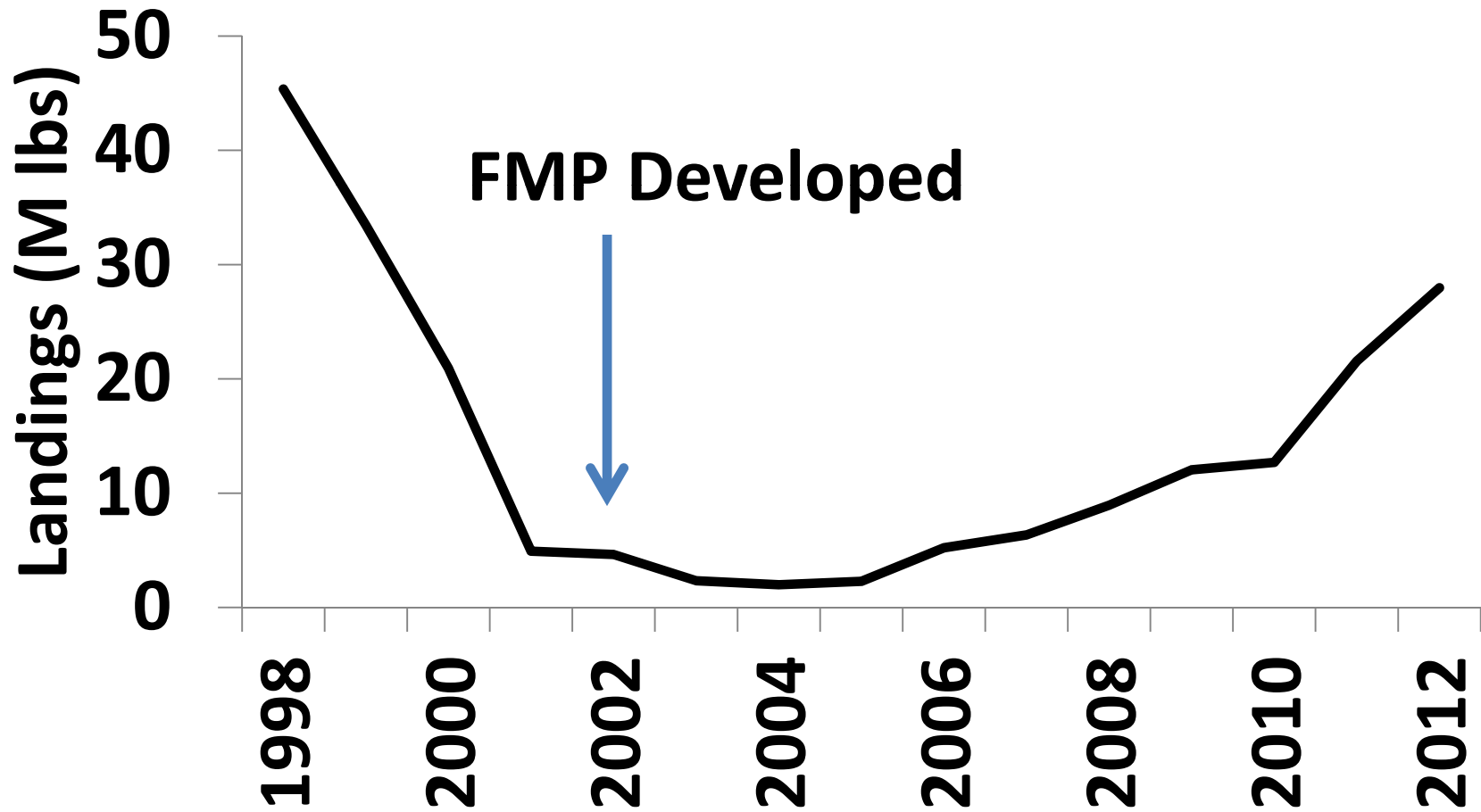
M. Hawk

**Presented to Spiny Dogfish and
Coastal Sharks Board**

October 31, 2013



Commercial Harvest





Total Harvest

- **Quota for 2012 was 30 million pounds**
- **Coastwide commercial landings: 27,979,613 pounds**
- **Commercial landings ~ 97% female**
- **Recreational landings: 41,887 pounds (<1% of total catch)**
- **Discards: 10,687,900 lbs (similar to previous years)**



Monitoring

- **There are no specific surveys aimed at spiny dogfish, however, 7 surveys encountered spiny dogfish in 2012**
- **No trends were apparent in these surveys**



State Compliance

- **PRT reviewed all state compliance reports**
- **All state's regulations were consistent with the FMP**
 - **Table 9 in the FMP Review is incorrect; MA does have a finning prohibition**



Requests for *de minimis*

- Delaware, South Carolina, Georgia, and Florida
 - De minimis is <1% of total landings, no monitoring requirements but must report landings annually
- CT and ME qualified but did not request
- PRT recommends all requests for *de minimis* be granted

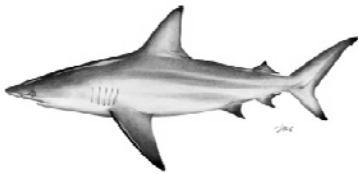


Coastal Sharks Technical Committee Report

C. Belcher

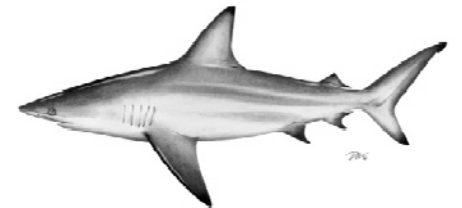
Presented to Spiny Dogfish and
Coastal Sharks Board

October 31, 2013



Technical Committee Report

- **Conference call to review NOAA Fisheries' proposed 2014 coastal sharks specifications and Draft Addendum III to the Coastal Sharks FMP**
- **September 27, 2013**
- **7 TC members participated**



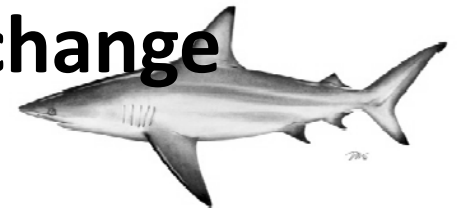
2014 Coastal Sharks Specifications

- **Significant Aspects**

- **Blacknose overharvest will be spread out over 5 years to lessen the impact on fishermen**

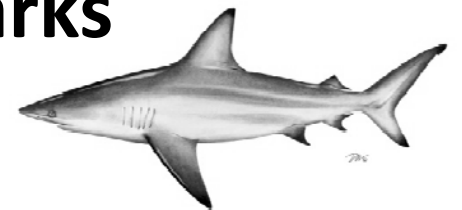
- **January 1, 2014 opening date for all species**

- **NOAA Fisheries noted that they received many comments and this may change**



2014 Coastal Sharks Specifications

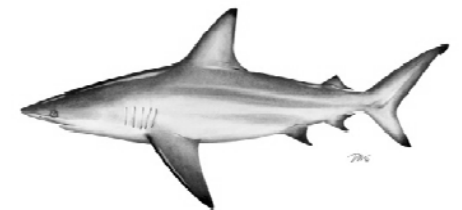
- Board follows NOAA Fisheries for openings and closures as well as quotas
- May specify a trip limit for LCS, SCS, pelagic, hammerhead and blacknose sharks
- NOAA Fisheries' proposed rule suggests that trip limit may change during the season
- Current trip limit (for 2013) is 36 sharks



Group	2013 Quota (mt)	2014 Proposed Quota (mt)
LCS	168.9	168.9
Hammerhead	27.1	27.1
SCS	261.5	264.1
Blacknose	18.0	17.5
Non-sandbar LCS research	50.0	50.0
Sandbar research	116.6	116.6
Porbeagle	0	1.3
Blue sharks	273.0	273.0
Pelagic	488.0	488.0

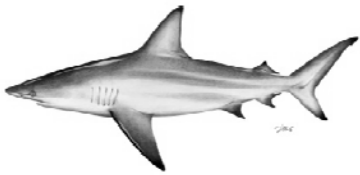
Draft Addendum III

- Discussed the options in Draft Addendum III
- TC does not anticipate any issues from the options as laid out
- Emphasized that remaining consistent with NOAA Fisheries is key
- Recommends to adopt Issue 1, Option 2 and Issue 2, Option 2 (Measures consistent with NOAA Fisheries)



**Draft Addendum III for Final
Approval**
M. Hawk

**Presented to Spiny Dogfish and
Coastal Sharks Board**
October 31, 2013



Addendum Development Process

May 2013
Draft Addendum for Public Comment Developed



August 2013
Board Reviews Draft and Makes Any Necessary Changes

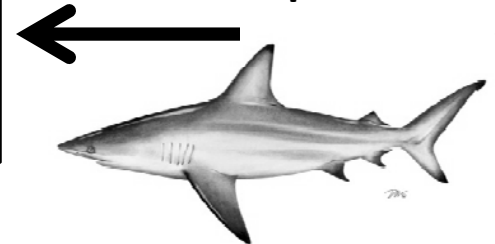


September 2013
Public Comment Period



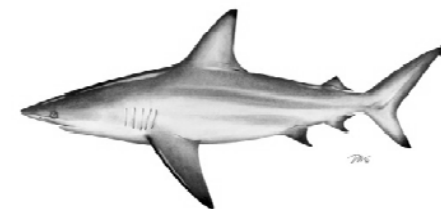
October 2013
Management Board Review, Selection of Management Measures and Final Approval

Current step



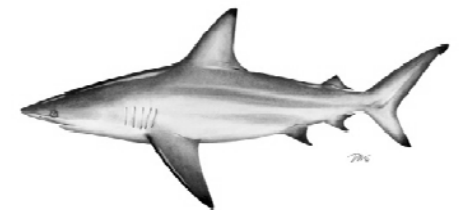
1.0 Introduction

- **NOAA Fisheries Amendment 5a addressed recent stock assessment findings for scalloped hammerhead, blacknose and sandbar sharks**
- **Established new species groupings and quotas for hammerhead and blacknose sharks, and a new recreational size limit for all hammerhead sharks (effective July 3, 2013 and August 2, 2013, respectively)**



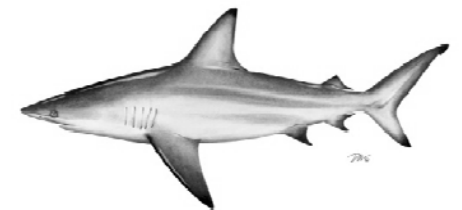
2.1 Statement of the Problem

- **Key goal of the Coastal Sharks FMP is to maintain consistency between NOAA Fisheries and the ISFMP**
- **The new species groups, quotas and recreational size limit result in inconsistencies**



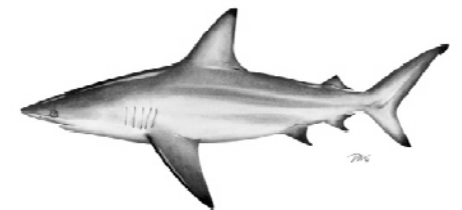
2.2 Background

- **When NOAA Fisheries opens or closes federal waters for hammerheads (LCS) or blacknose (SCS), state waters follows suit**
- **NOAA Fisheries removed these species from their respective groups, and established new species groups and quotas**



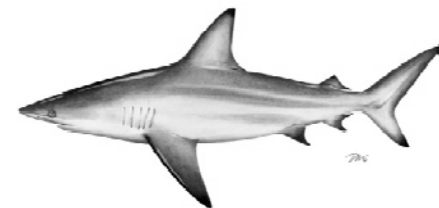
2.2 Background Continued

- **Current recreational size limit for hammerheads is 54 inches FL**
- **Stock assessment found that female scalloped hammerhead sharks reach maturity at 78 inches FL**
 - **New size limit would limit retention to mature individuals**



Issue 1: Establishing New Species Groups and Quota

- **Option A. Status Quo. ASMFC will not change the species groupings in the IFMP.**
- **Option B. Measures Consistent with HMS Amendment 5a.**



Amendment 5a Species Groupings and Linkages

Hammerhead	Aggregated LCS
scalloped hammerhead	bull
great hammerhead	lemon
smooth hammerhead	nurse
	silky
	spinner
	tiger
	Atlantic blacktip



Amendment 5a Species Groupings and Linkages

Non-blacknose SCS	Blacknose
finetooth bonnethead Atlantic sharpnose	Atlantic blacknose

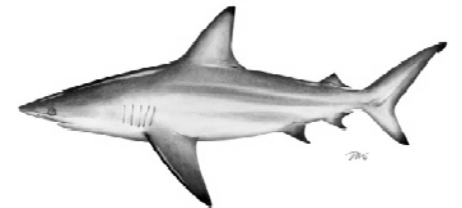
Issue 2: Recreational Size Limits

- **Option A: Status Quo. ASMFC will not change the recreational size limit for hammerhead sharks.**
- **Option B: Measures Consistent with HMS Amendment 5a. Smooth hammerhead, scalloped hammerhead and great hammerhead sharks will have a 78 inches FL recreational size limit. All other recreational measures will remain the same.**

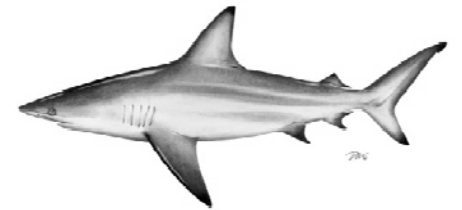


Public Comment Summary

- No public comments received

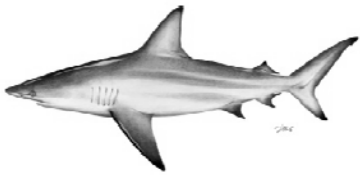


Questions?



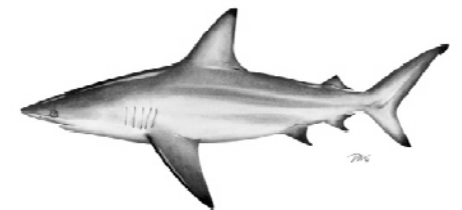
Coastal Sharks Advisory Panel Report

**Recommendations on
Draft Addendum III**



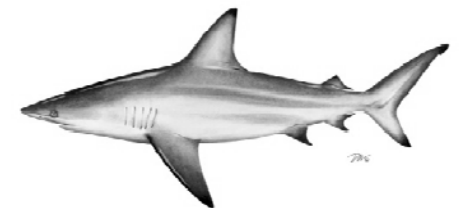
Coastal Sharks Advisory Panel

- **Held a conference call to discuss Draft Addendum III to the Coastal Sharks FMP**
- **September 19, 2013**
- **5 AP members participated**



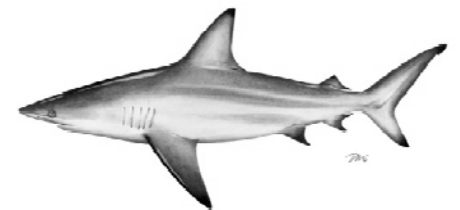
Issue 1: Commercial Species Groups

- **Concern with the new quota linkage between Hammerhead and Aggregated Large Coastal Sharks**
 - **Blacknose and non-blacknose linkage has resulted in an underharvest of non-blacknose when blacknose closes**



Issue 2: Recreational Size Limit

- **No issues with the new 78” recreational size limit for hammerhead sharks**
- **Some concern that recreational fishermen are being pushed out of the fishery with more stringent measures (size limits) than the commercial fishery**



Questions?

