



Spiny Dogfish Board Specifications

October 24, 2016

Max Appelman

Background



- Jointly managed with the Mid-Atlantic and New England Councils
 - Interstate FMP is complimentary
- Currently in multiyear specifications
 - May 1, 2016 – April 30, 2017
 - **May 1, 2017 – April 30, 2018**
 - May 1, 2018 – April 30, 2019

MAFMCs SSC and Spiny Dog MC



- In September, the SSC met to review the 2016 data update and Fishery Performance Report
 - No compelling evidence to change its ABC recommendations for the 2017 and 2018 fishing seasons
- Same for the MC regarding other management measures

Spiny Dogfish Specifications



Table 1. May 2016 to April 2019 Spiny Dogfish Specifications

Specifications	Basis	2016 (pounds)	2016 (mt)	2017 (pounds)	2017 (mt)	2018 (pounds)	2018 (mt)
OFL	Projected Catch at Fmsy	64,414,664	29,218	na	na	na	na
New ABCs	Council Risk Policy	52,066,572	23,617	50,805,528	23,045	49,901,633	22,635
Canadian Landings	= avg last 3 years (10,11,12)	143,300	65	143,300	65	143,300	65
Domestic ABC	= ABC – Canadian Landings	51,923,272	23,552	50,662,228	22,980	49,758,333	22,570
ACL	= Domestic ABC	51,923,272	23,552	50,662,228	22,980	49,758,333	22,570
Mgmt Uncert. Buffer	Ave pct overage since 2011	0	0	0	0	0	0
ACT	= ACL - mgmt uncertainty	51,923,272	23,552	50,662,228	22,980	49,758,333	22,570
U.S. Discards	=3 year average 12-13-14	11,494,167	5,214	11,494,167	5,214	11,494,167	5,214
TAL	ACT – Discards	40,429,105	18,338	39,168,060	17,766	38,264,165	17,356
U.S. Rec Landings	= 2014 estimate	68,343	31	68,343	31	68,343	31
Comm Quota	TAL – Rec Landings	40,360,761	18,307	39,099,717	17,735	38,195,822	17,325

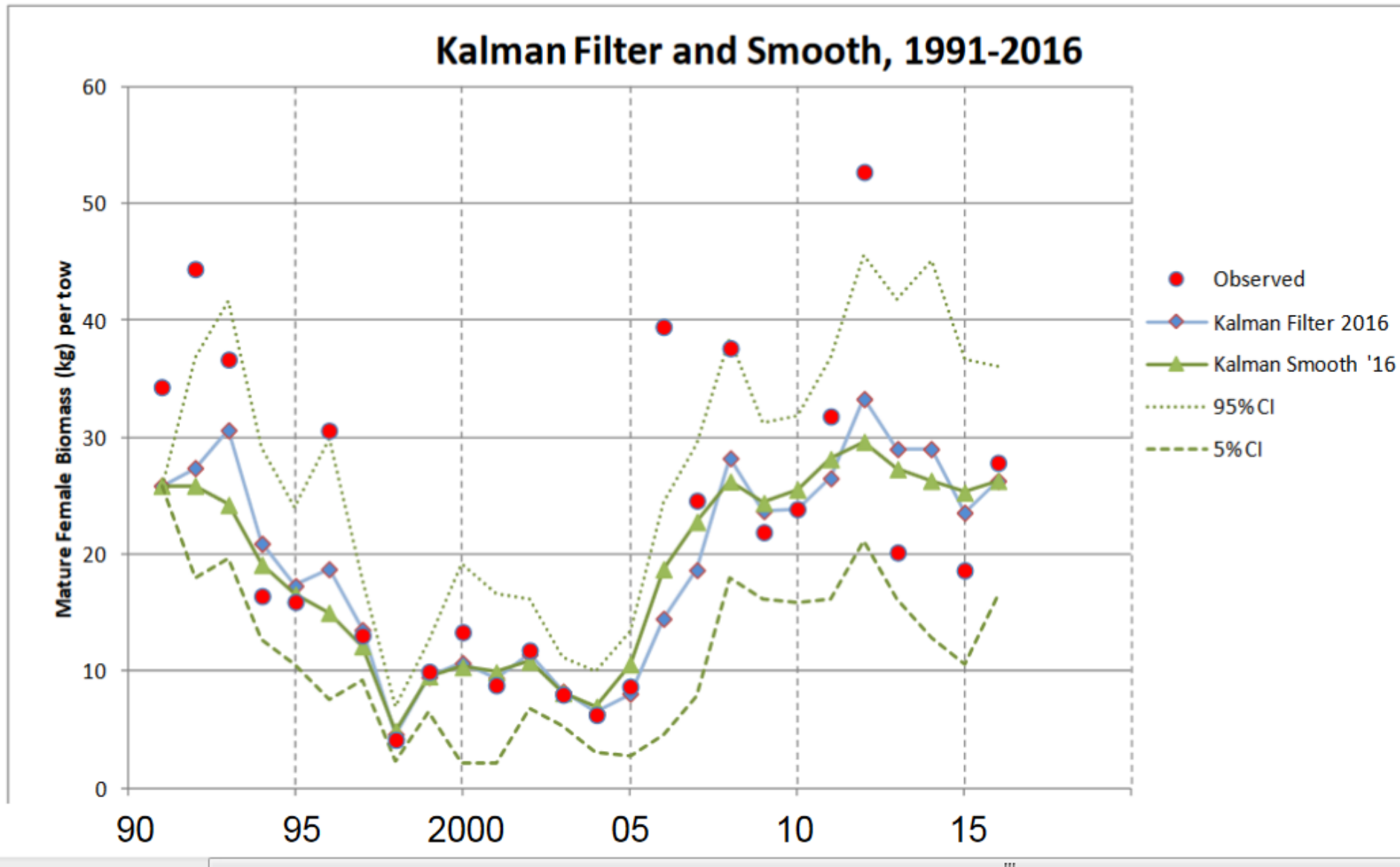
OFL = Overfishing Level; ABC = Acceptable Biological Catch; ACL = Annual Catch Limit; ACT = Annual Catch Target; TAL = Total Allowable Landings; Rec = Recreational; Comm = Commercial.

SSC and MC cont.



- ABC and quotas do decrease over the three years
 - SSB projected to dip somewhat through 2019 before rebounding back up
- Expect next three year specs cycle to have increasing quotas, but depends on survey results and other fishery information

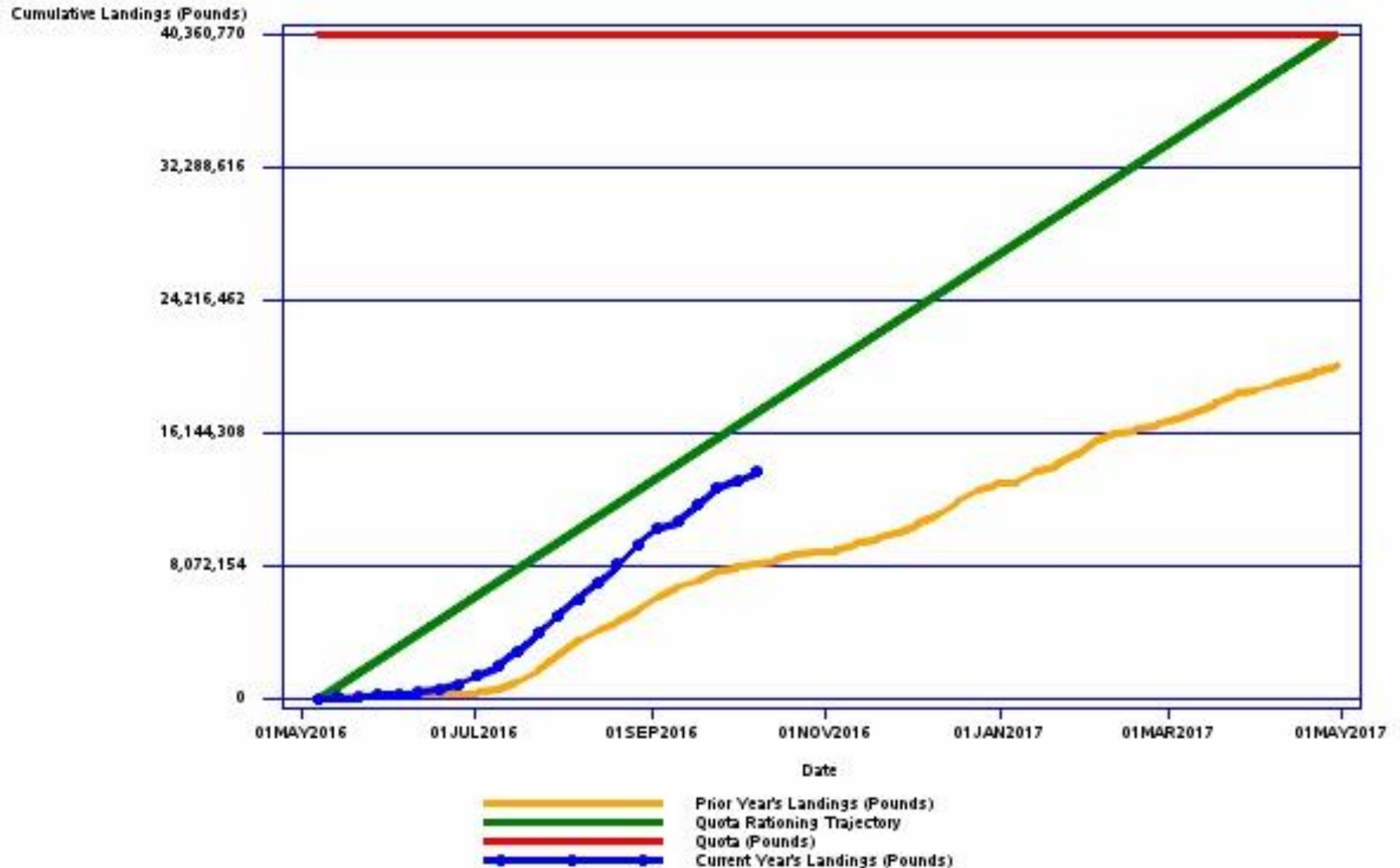
Figure 1. NEFSC Spring Survey Spiny Dogfish Index - 1991-2016



Landings Through 10/12/16



Spiny Dogfish Quota Monitoring Report



Landings cont.



- August 15 – trip limit increased from 5,000 lbs to 6,000lbs
- September 26 – allowance for spiny dogfish gear to be used on part of a trip that targets both monkfish and dogfish

Fishery Performance Report



- Demand is critical
- Most want slow incremental changes
 - Some want substantial trip limit increase
- Lack of processors in southern area
 - Market and regulatory issues discourage interest

Topics on the Horizon



- Need for benchmark assessment
 - Survey sampling design
 - Reproductive potential
- Male only fishery
 - Masters thesis with collaboration from GARFO and NEFSC suggests this is feasible

Council Recommended Specs



- Mid-Atlantic Council met October 5th
- Recommended no changes to the previously recommended specifications
 - 2017 = 39.1 million pounds
 - 2018 = 38.2 million pounds
 - 6,000 pound trip limit

Council Recommended Specs



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Council Recommended Specs



State	% Allocation	2017	2018
Coastwide Quota		39,099,717	38,195,822
N Region	58.000%	22,677,836	22,153,577
NY	2.707%	1,058,429	1,033,961
NJ	7.644%	2,988,782	2,919,689
DE	0.896%	350,333	342,235
MD	5.920%	2,314,703	2,261,193
VA	10.795%	4,220,814	4,123,239
NC	14.036%	5,488,036	5,361,166
Total	100%	39,098,935	38,195,058



Spiny Dogfish FMP Review and State Compliance

2015 Fishing Year

October 24, 2016

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Status of the Stock

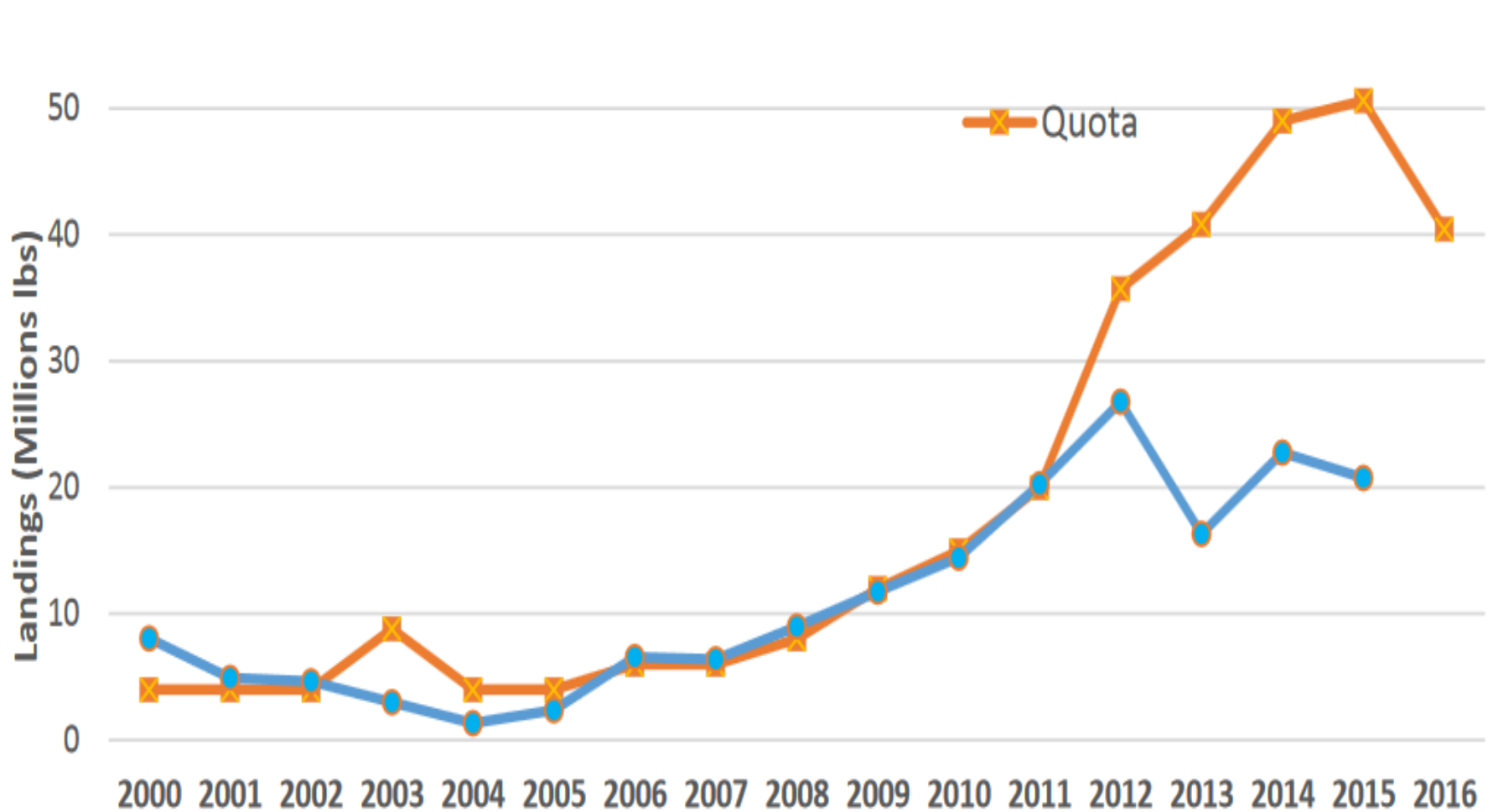


- 2015 stock assessment update
 - Latest stock status information
- Spiny Dogfish is not overfished and overfishing is not occurring
- Female $SSB_{2015} = 168,207 \text{ MT} > SSB_{\text{Target}}$
- $F_{2015} = 0.21 < F_{\text{Target}}$

Commercial Harvest



Commercial Spiny Dogfish Landings and Quotas 2000 Fwd



Total Harvest in 2015



(May 1, 2015 – April 30, 2016)

- Commercial quota was 50.6 million pounds
 - 5,000 pound trip limit for northern region
- U.S. commercial landings were 22.0 million pounds (<50% of the quota)
 - All states/regions harvested within their quota allocations (Addendum III)
- Recreational landings were 86,832 pounds (<1% of total landings)
- Discards were 7.32 million pounds
 - lower compared to recent years indicating improved utilization of the resource

State Compliance



- PRT reviewed all state compliance reports
- All state's regulations were consistent with the requirements of the Interstate FMP and Addenda I-V
 - CT did not meet the May 1, 2015, compliance schedule of Addendum V (i.e., fins attached through landing)

Requests for *de minimis*



- Delaware
 - *de minimis* is <1% of total landings, no monitoring requirements but must report landings annually
- Delaware meets the requirements for *de minimis* status



Questions?