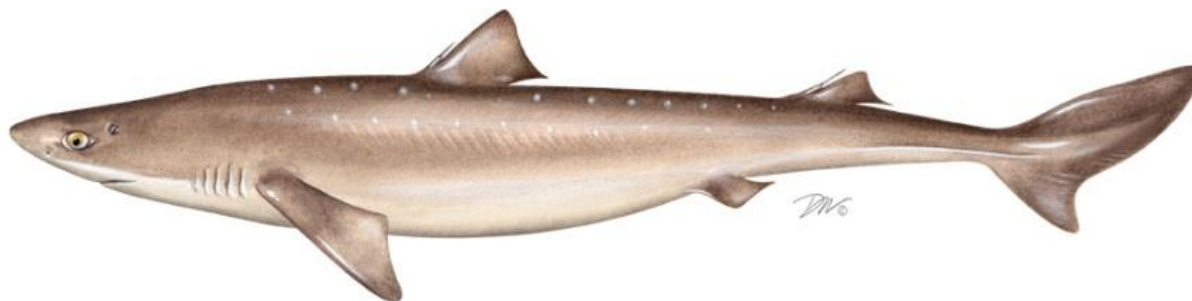


Spiny Dogfish Board

2018-2019 Fishery Specifications



October 16, 2017
Norfolk, Virginia

Overview



- Background
- AP Fishery Performance Report
- Data Update
- Recommendations of the SSC, MC, and MAFMC



Background



- Jointly managed with the Mid-Atlantic and New England Councils
 - Interstate FMP is complimentary
- Currently in year 3 of a 3-year specs cycle
 - May 1, 2016 – April 30, 2019
- Board to set fishery specifications for the 2018/2019 season



Background, Spiny Dogfish Specs



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.

AP Fishery Performance Report



- Market/demand driven fishery
- Domestic market is small and traditional export market is soft
 - Working to develop new markets
 - Council staff has received requests for marketing assistance
 - Processors restricting price
- Small changes to trip limits, if any



AP Fishery Performance Report



- Sense that survey and assessment doesn't reflect what they see
- Strong desire for new benchmark



Data Update

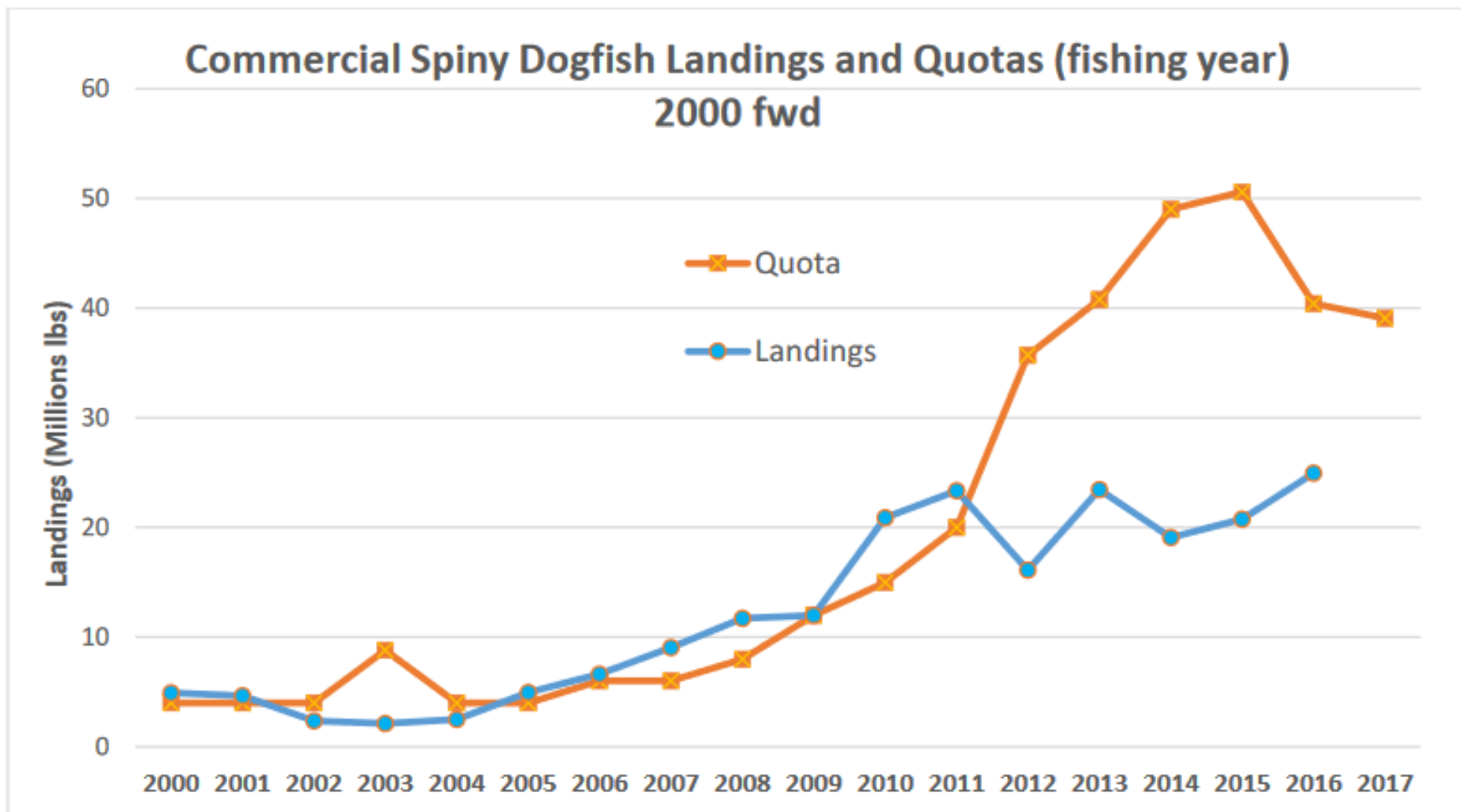


Figure 1. Spiny Dogfish Landings and Quotas 2000-2016. 2016 = May 1, 2016 to April 30, 2017.

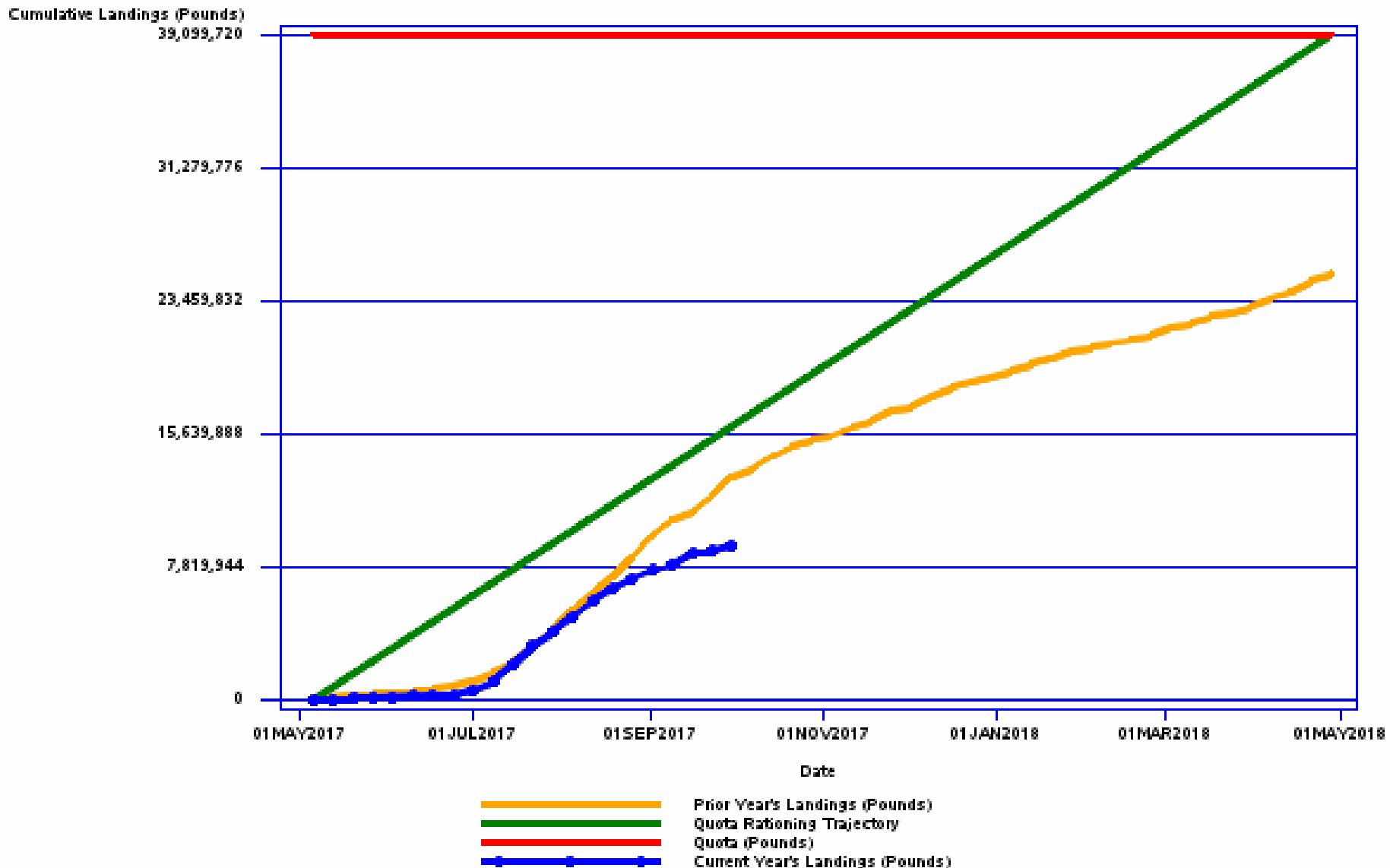
Source: Unpublished NMFS dealer reports



Data Update (2016 & 2017)



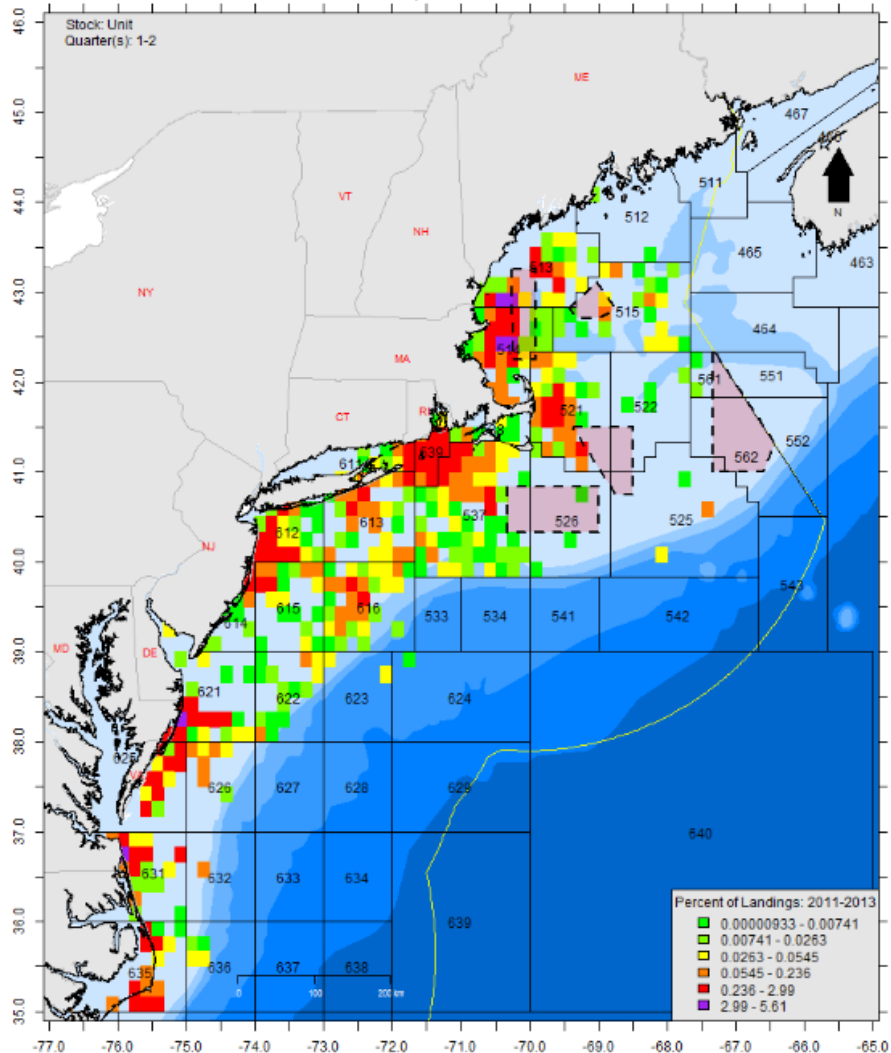
Spiny Dogfish Quota Monitoring Report



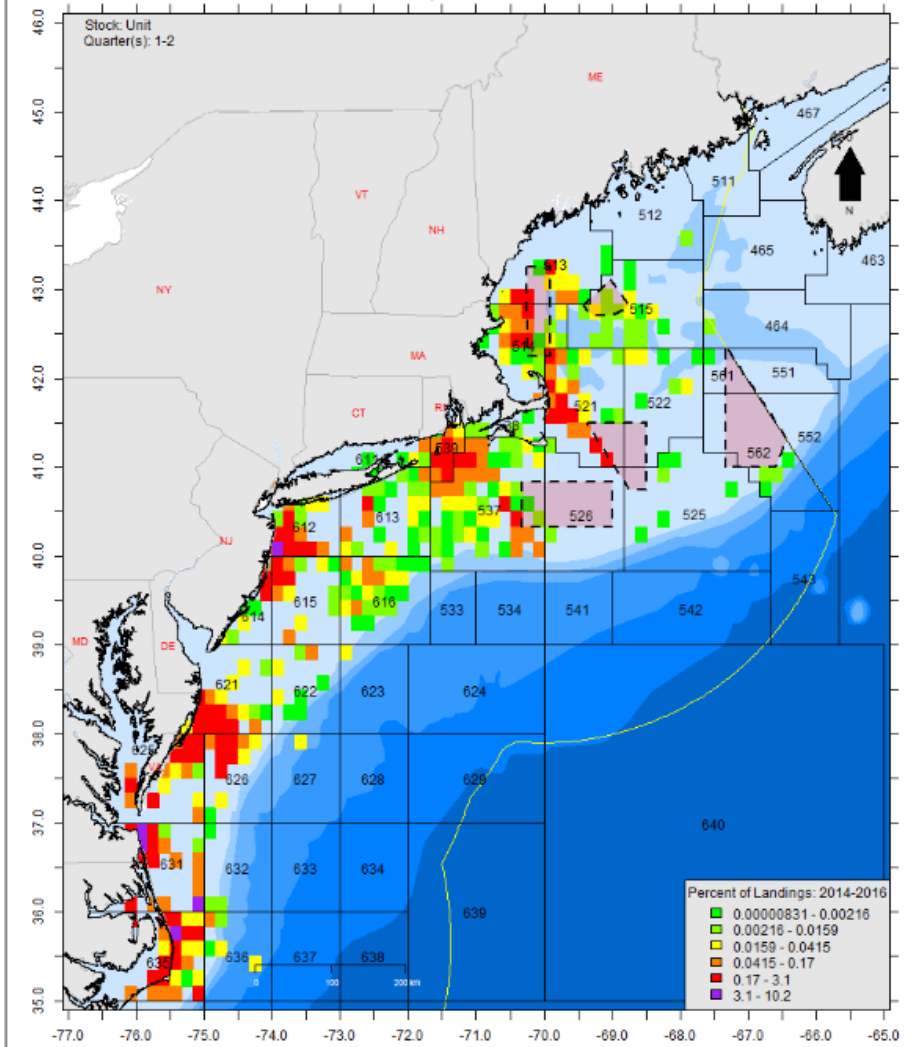
Data Update, Landings Location

- January-June, 2011-13 compared to 2014-16

DOG FISH, SPINY
Squalus acanthias



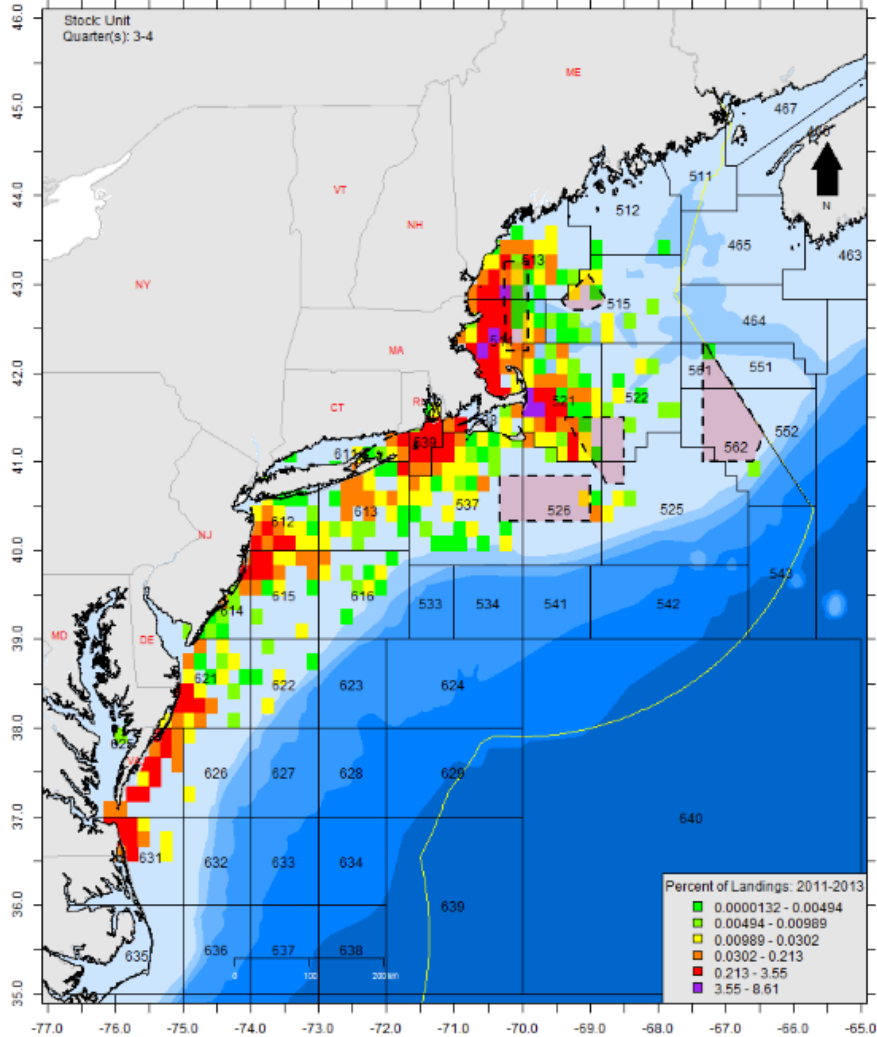
DOG FISH, SPINY
Squalus acanthias



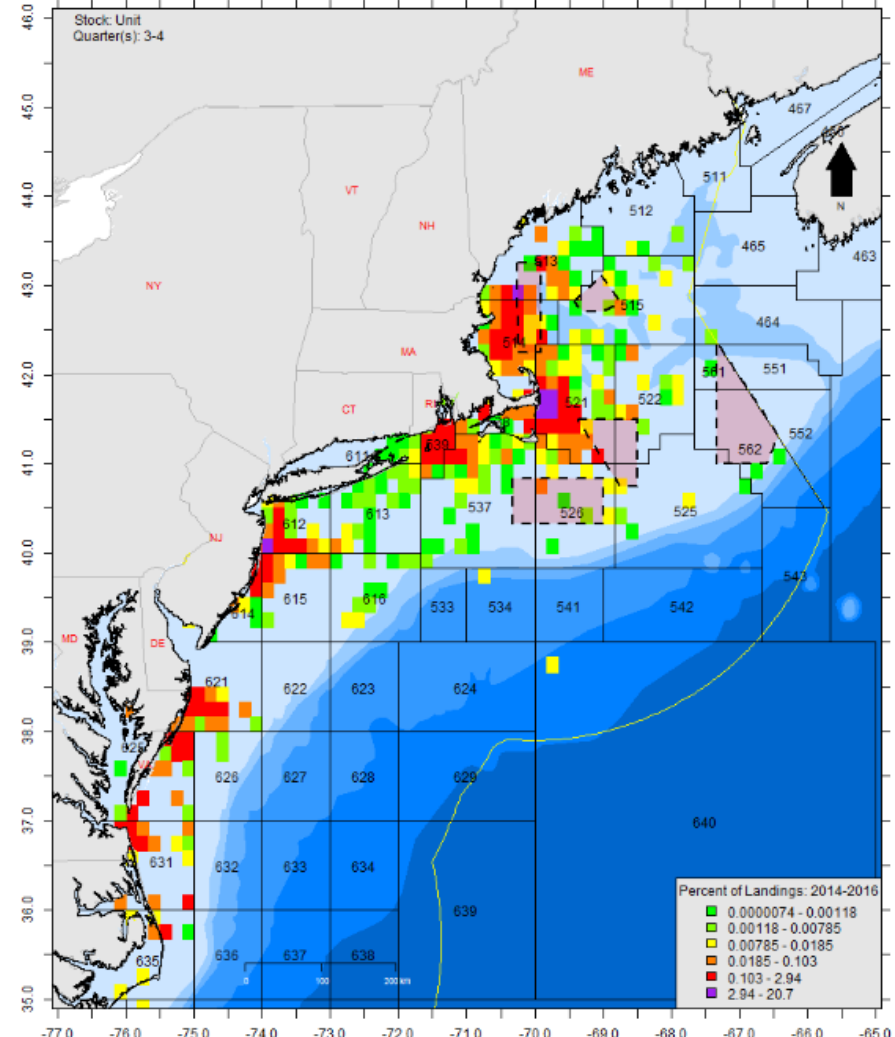
Data Update, Landings Location

- July-December, 2011-13 compared to 2014-16

DOGFISH, SPINY
Squalus acanthias



DOGFISH, SPINY
Squalus acanthias



Data Update, Spring Survey



Female spawning stock biomass Estimates 1982-2017

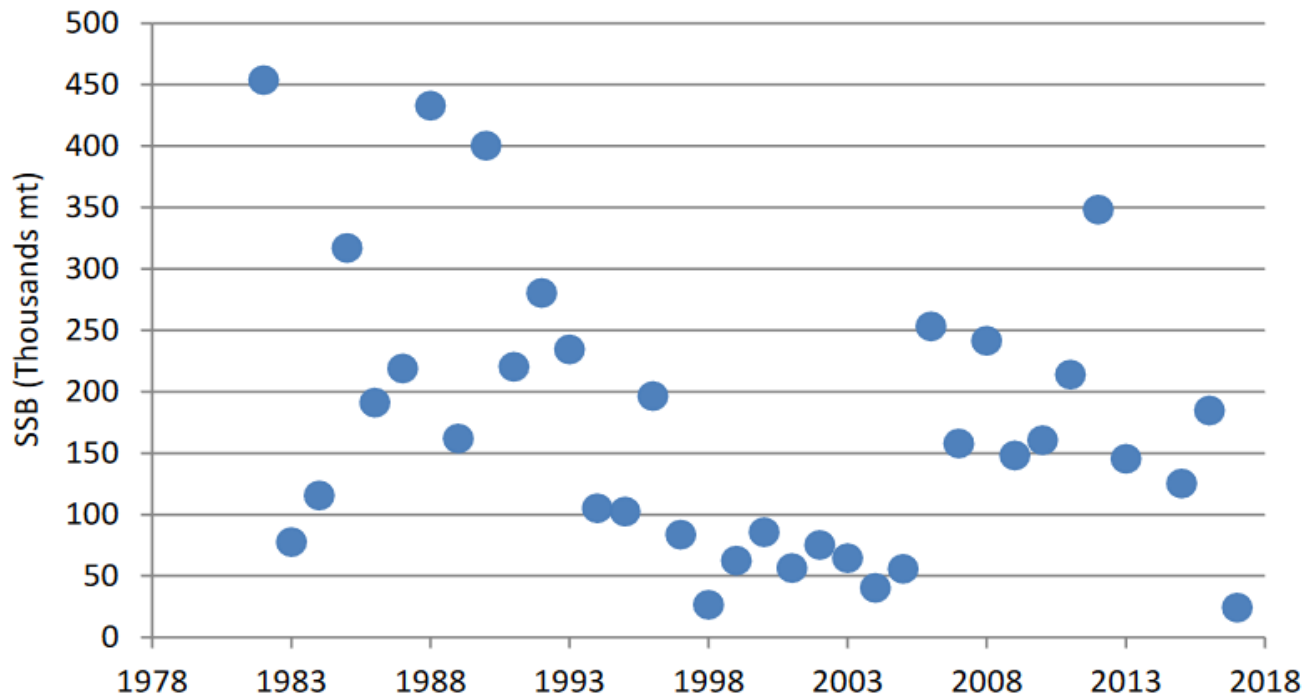


Figure 10. Swept area estimates of female mature biomass (≥ 80 cm) from the NEFSC spring survey from 1980-2017.

Data Update, Spring Survey

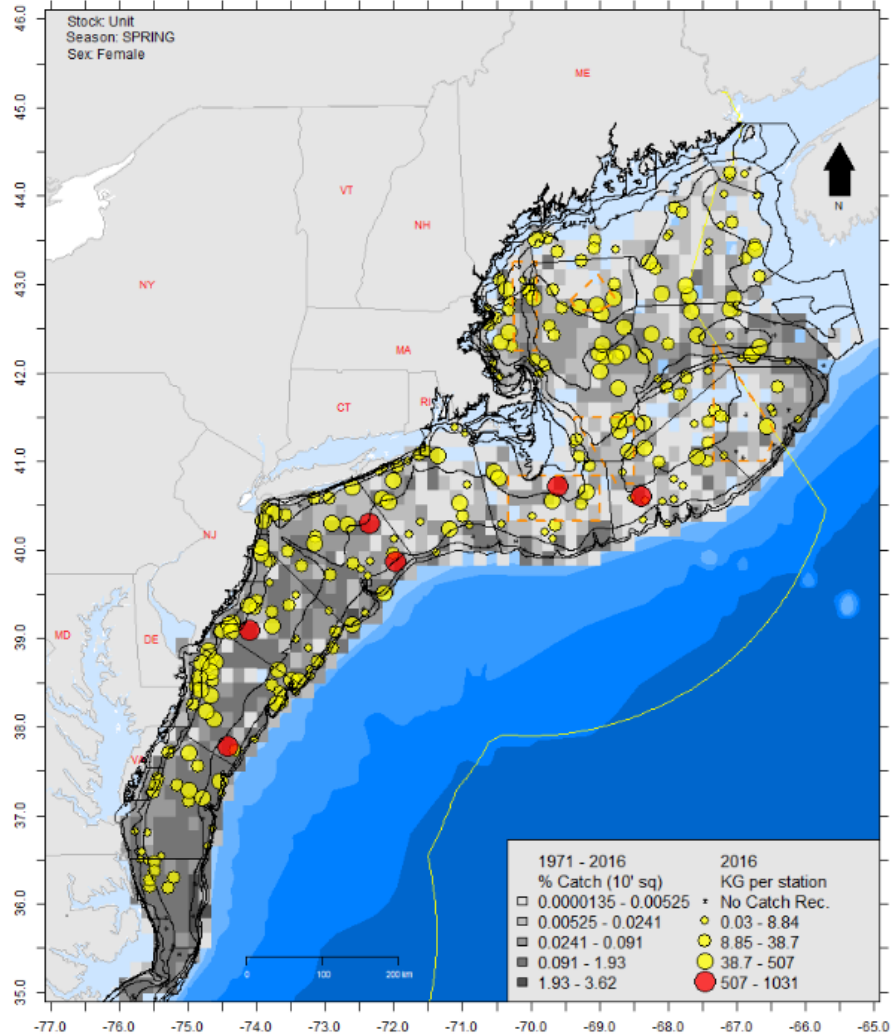


2016

2017

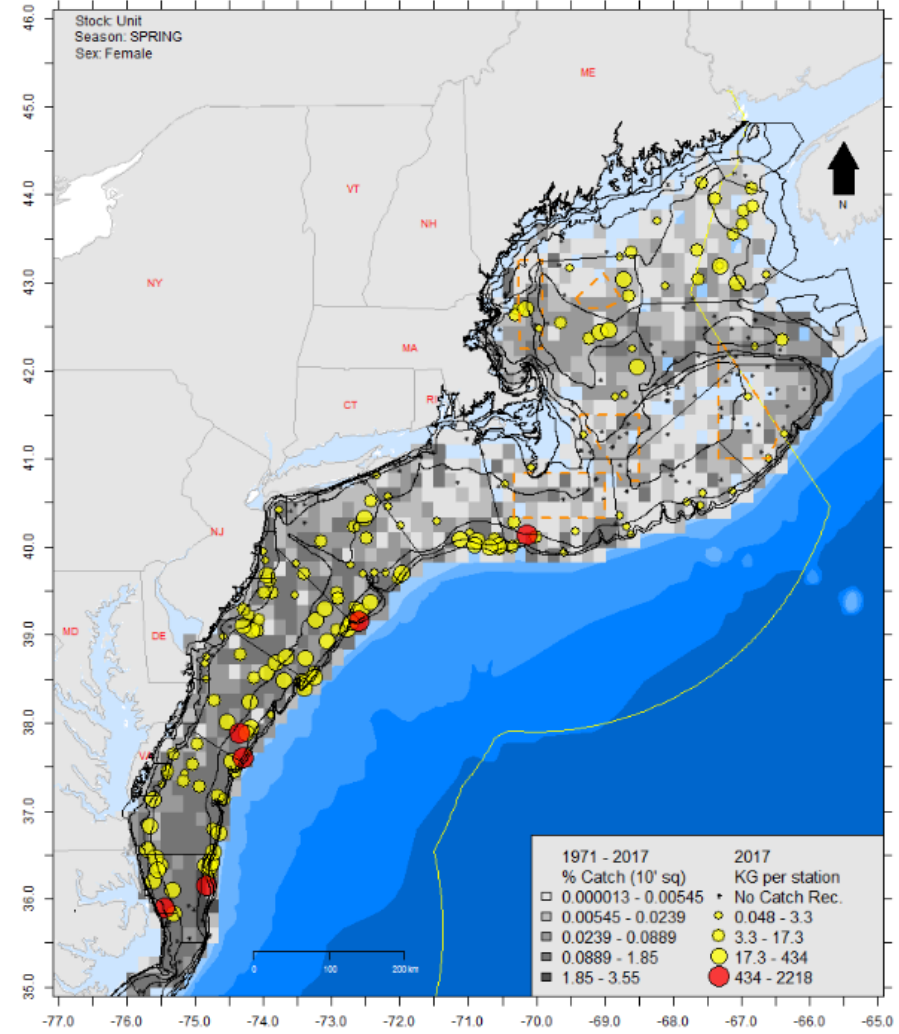
DOG FISH, SPINY

Squalus acanthias



DOG FISH, SPINY

Squalus acanthias



2018 Specs Recommendations



- SSC: No changes recommended, assessment update requested for September 2018
- Monitoring Committee: No changes recommended, benchmark would be useful
- MAFMC: No changes recommended, support SSC/MC request regarding the assessment



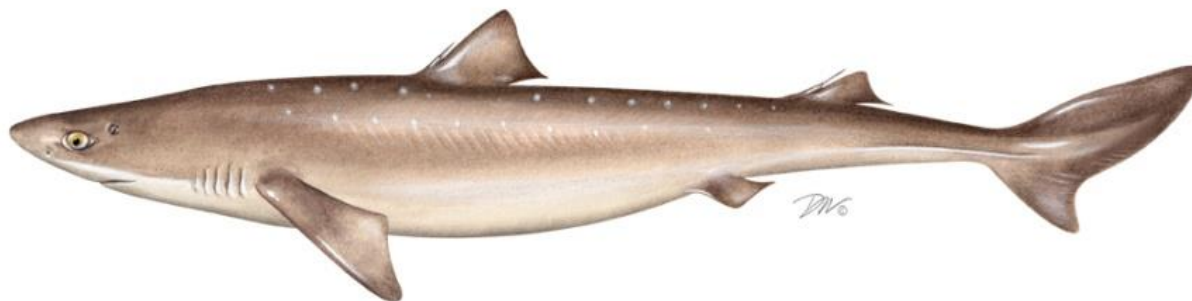
2018 Commercial Quota, Trip Limit



Annual Quota: 38,195,822 lbs	Allocation	2018 Quota	Possession Limit
Northern Region (ME-CT)	58%	22,153,577	6,000 lbs
NY	2.707%	1,033,961	Specified by the individual states
NJ	7.644%	2,919,689	
DE	0.896%	342,235	
MD	5.920%	2,261,193	
VA	10.795%	4,123,239	
NC	14.036%	5,361,166	



Spiny Dogfish FMP Review and State Compliance



**October 24, 2016
Norfolk, Virginia**

Status of the Stock



- In 2015, spiny dogfish is not overfished and overfishing is not occurring
- Female $SSB = 168,207 \text{ MT} > SSB_{\text{Target}}$
- $F = 0.21 < F_{\text{Target}}$



Commercial Quota/Landings



- May 1, 2016 – April 30, 2017
- Base-quota was 40,360,761 pounds
- Trip limit for northern region was 5,000 lbs
 - increased to 6,000 lbs on August 15th
- Commercial landings were 24,987,891 pounds
 - 13% increase from 2015
 - Dead discards increased by 16% (8.5 million pounds)
- Recreational landings and dead discards increased
 - 161,212 pounds and 1.4 million pounds, respectively
 - ~1.5-fold increase relative to 2015



State Compliance and *De Minimis*



- PRT reviewed all state compliance reports
- In 2016, all regions and states harvested within their quota
- All states implemented regulations consistent with the requirements of the FMP
- New York and Delaware
 - *de minimis* is <1% of total landings, no monitoring requirements but must report landings annually
 - Both states meet the requirements for 2017





Questions?

