

# **Spiny Dogfish 2016-2018 Specifications**

**ASMFC February 2016**



# Overview

- Fishery Performance
- Councils' Action

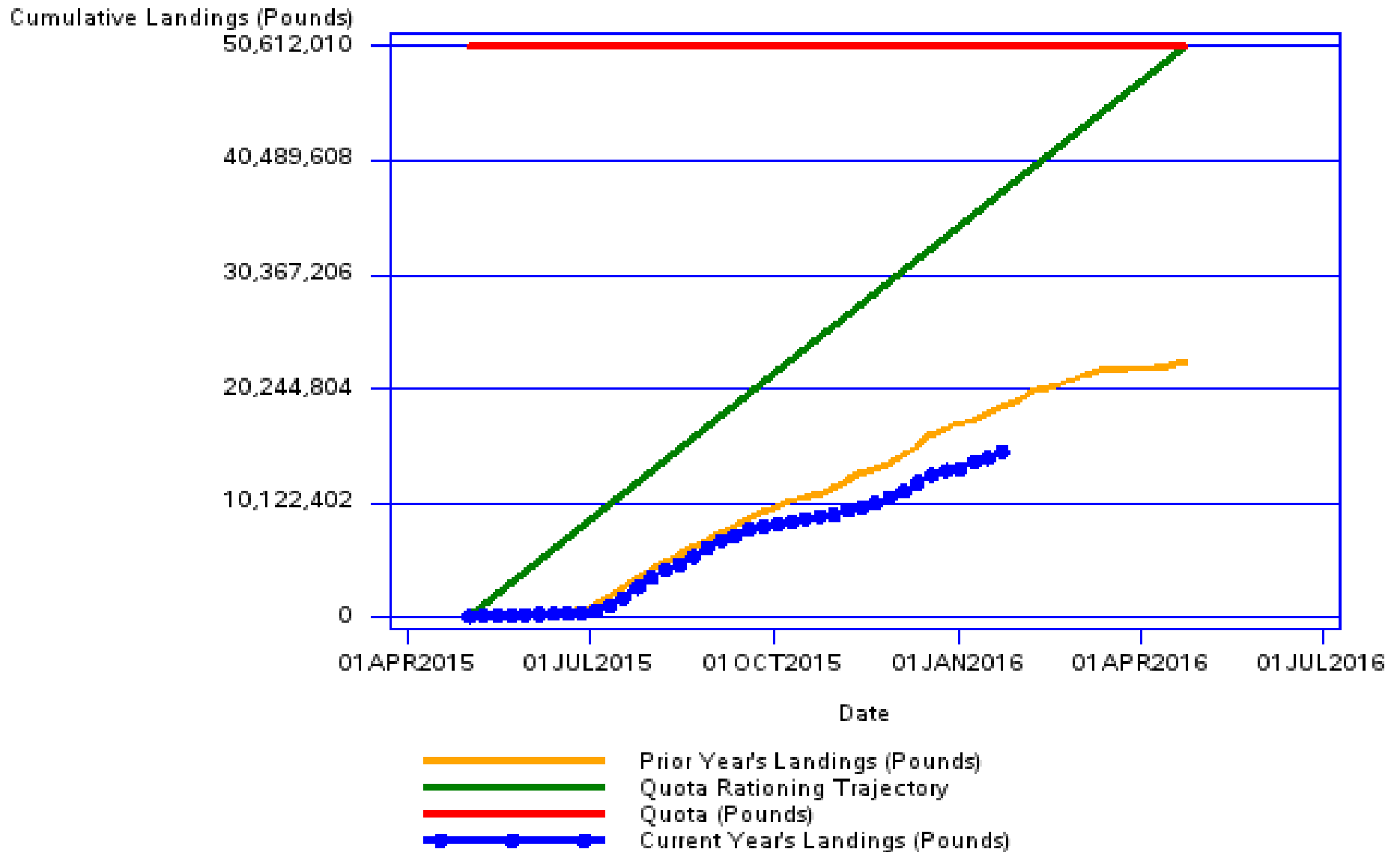
# Fishery Performance Report

- Markets, Markets, Markets
  - Price
- Boats have no problem catching trip limit
- Some processor restrictions (days)
- Male/Female Issues
  - Off shelf biomass

# Fishery Performance Report

- Slow and steady approach
- Some interest in trip-limit changes
  - Regional impacts
- Export information
- Name change

# Spiny Dogfish Quota Monitoring Report



Blue Dots – May 1 2015 through January 23, 2016

# ABCs

- 1<sup>st</sup> take on assessment update would have led to 50% reduction in commercial quota.
- 2<sup>nd</sup> take – optimal way to smooth data and how to handle missing 2014 data

## Assessment Update Part 2

- ...best available approach to overcome the data gap
- ...the Kalman filter provided an objective foundation for analyzing time series data, did not demonstrate a substantial retrospective pattern, and provided more stable estimates of survey abundance and hence catch advice

# Assessment Update Part 2

Approach	2015 Female Stock Biomass Estimate (mt)		
	Median	10 %ile	90 %ile
Current method (3-yr moving average)	138,903	76,580	201,227
Council proposed method (5-yr average using 4 yrs of data)	189,705	92,430	286,980
Kalman filter	167,983	100,682	235,283

- Kalman has lowest overall catches
- Will be slow to respond to upticks in dogfish survey data
- SSC will review again later in 2016



# Assessment Update 2

Specifications	2016 (pounds)	2016 (mt)	2017 (pounds)	2017 (mt)	2018 (pounds)	2018 (mt)
OFL	64,414,664	29.218	na	na	na	na
New ABCs	52,066,572	23,617	50,805,528	23,045	49,901,633	22,635
Canadian Landings	143,300	65	143,300	65	143,300	65
Domestic ABC	51,923,272	23,552	50,662,228	22,980	49,758,333	22,570
ACL	51,923,272	23,552	50,662,228	22,980	49,758,333	22,570
Mgmt Uncert. Buffer	0	0	0	0	0	0
ACT	51,923,272	23,552	50,662,228	22,980	49,758,333	22,570
U.S. Discards	11,494,167	5,214	11,494,167	5,214	11,494,167	5,214
TAL	40,429,105	18,338	39,168,060	17,766	38,264,165	17,356
U.S. Rec Landings	68,343	31	68,343	31	68,343	31
Comm Quota	40,360,761	18,307	39,099,717	17,735	38,195,822	17,325

# Questions

# Dogfish Landings

