



# ***Spiny Dogfish 2020 Specs Review***

*October 2019*

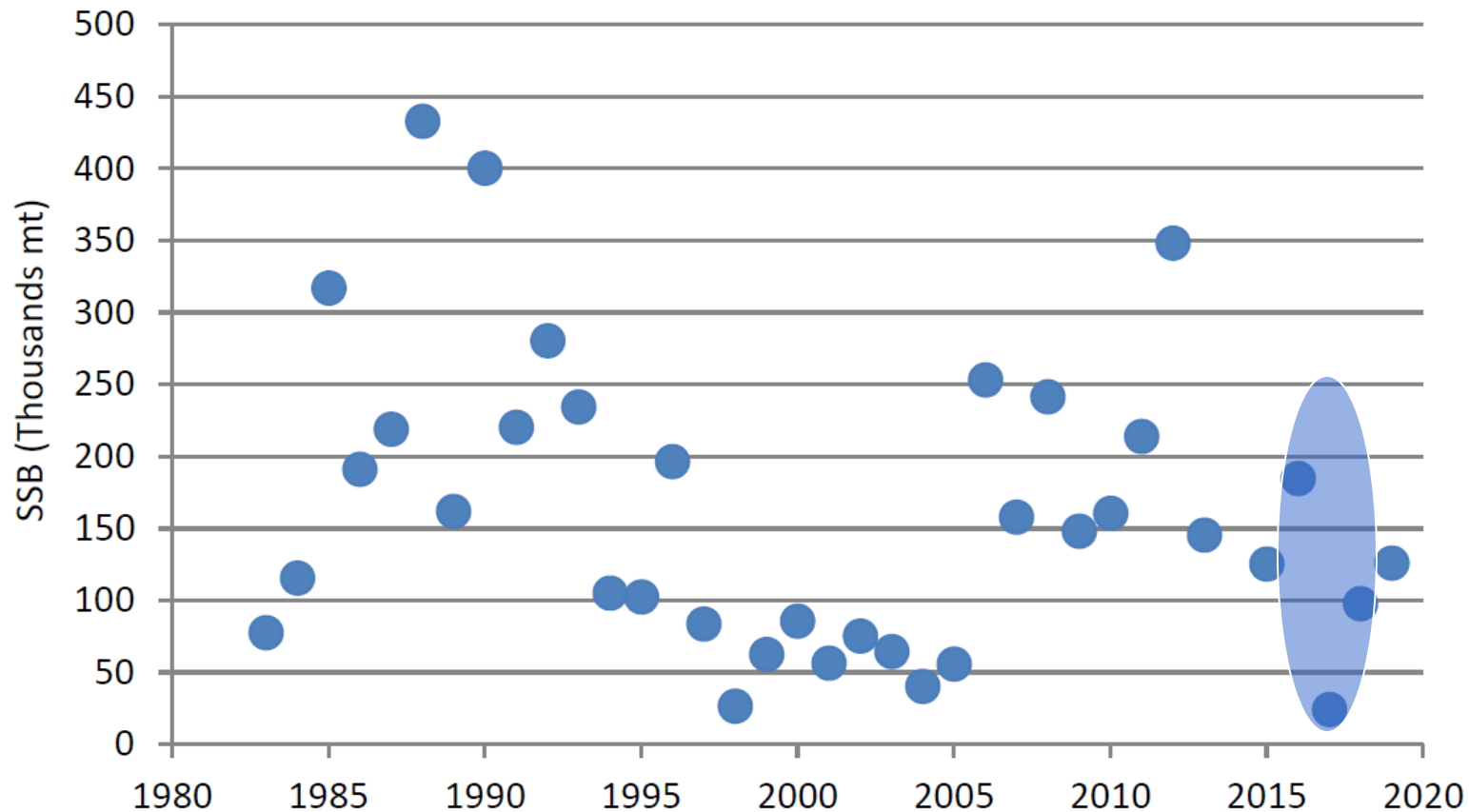
# Staff, SSC, Monitoring Committee: No course changes

**Table 1. MAFMC Preferred Spiny Dogfish Specifications 2019-2021.**

Specifications	Basis	2019 (pounds)	2019 (mt)	2020 (pounds)	2020 (mt)	2021 (pounds)	2021 (mt)
OFL (from SSC)	Projected Catch at Fmsy	47,507,413	21,549	na	na	na	na
ABC (from SSC)	Council Risk Policy	28,470,497	12,914	31,142,499	14,126	35,368,761	16,043
Canadian Landings	= 2017 estimate	108,027	49	108,027	49	108,027	49
Domestic ABC	= ABC – Canadian Landings	28,362,470	12,865	31,034,473	14,077	35,260,734	15,994
ACL	= Domestic ABC	28,362,470	12,865	31,034,473	14,077	35,260,734	15,994
Mgmt Uncert Buffer	Ave pct overage since 2011	0	0	0	0	0	0
ACT	= ACL - mgmt uncert buffer	28,362,470	12,865	31,034,473	14,077	35,260,734	15,994
U.S. Discards	=3 year average 15-16-17	7,661,064	3,475	7,661,064	3,475	7,661,064	3,475
TAL	ACT – Discards	20,701,406	9,390	23,373,409	10,602	27,599,671	12,519
U.S. Rec Landings	= 2017 estimate	178,574	81	178,574	81	178,574	81
Comm Quota	TAL – Rec Landings	20,522,832	9,309	23,194,835	10,521	27,421,096	12,438

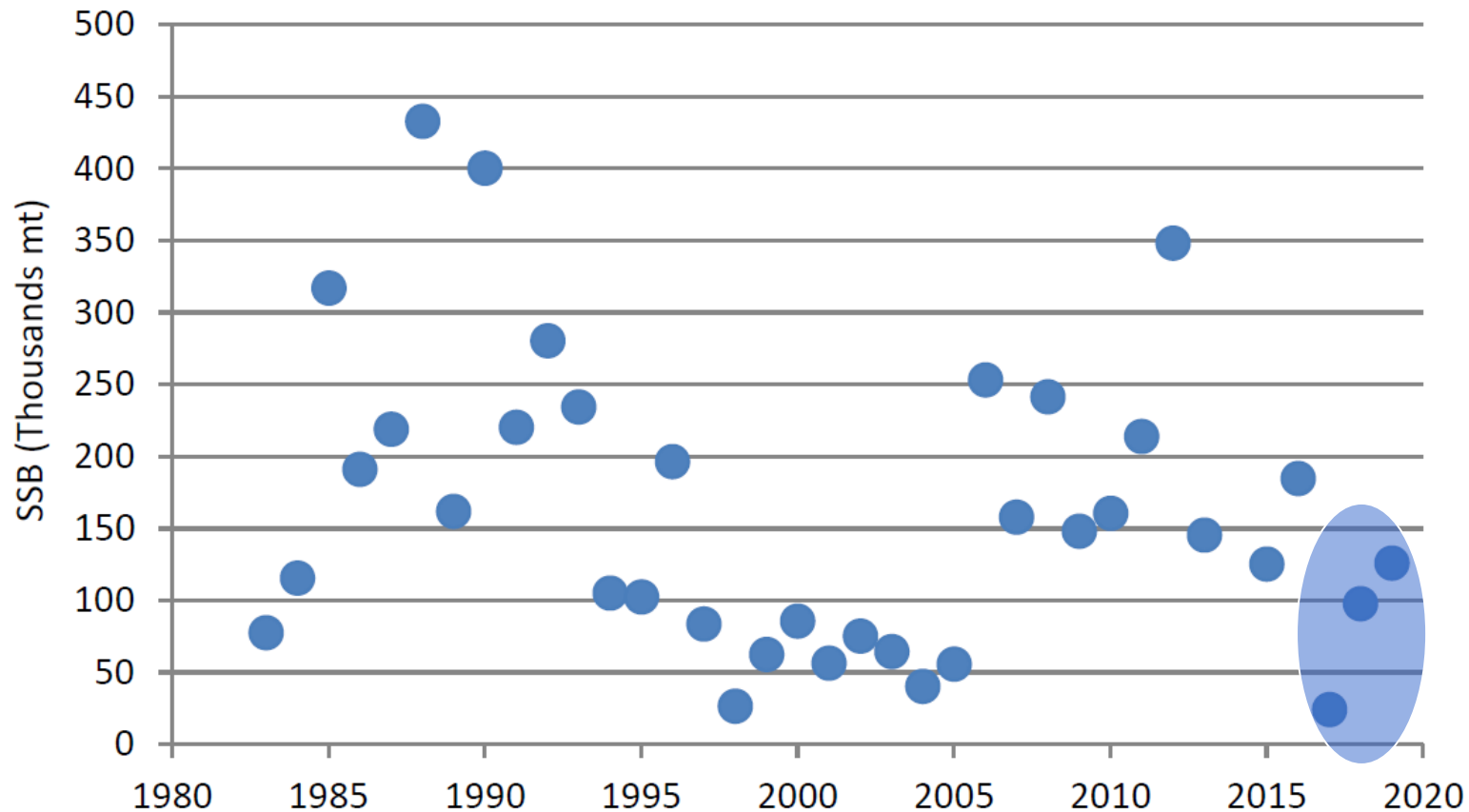
# Dogfish 2019 Update (spring)

## Female spawning stock biomass Estimates 1982-2019



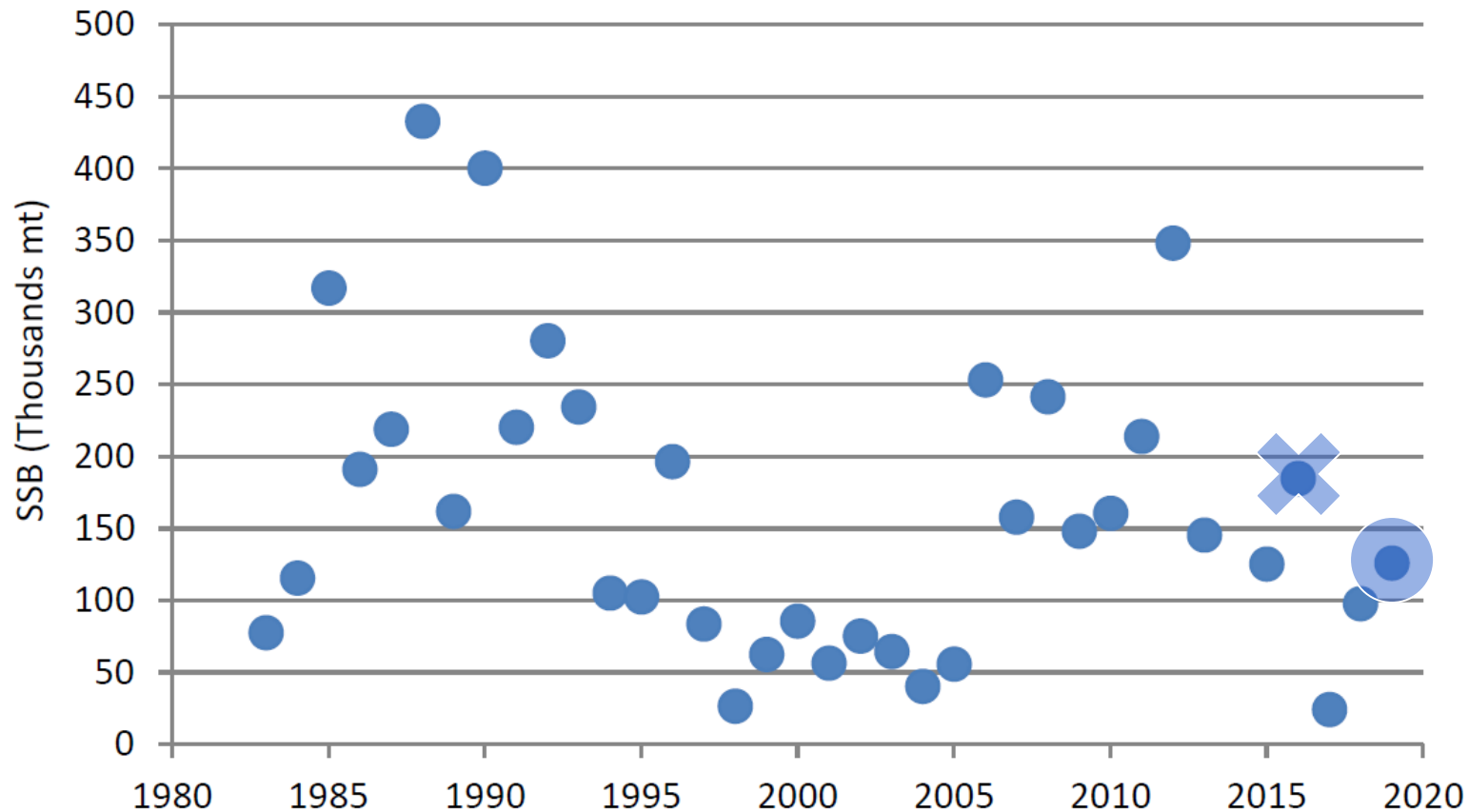
# Dogfish 2019 Update (spring)

**Female spawning stock biomass  
Estimates 1982-2019**



# Dogfish 2019 Update (spring)

## Female spawning stock biomass Estimates 1982-2019



# Dogfish 2019 Update

Pup Index, 1968-2019

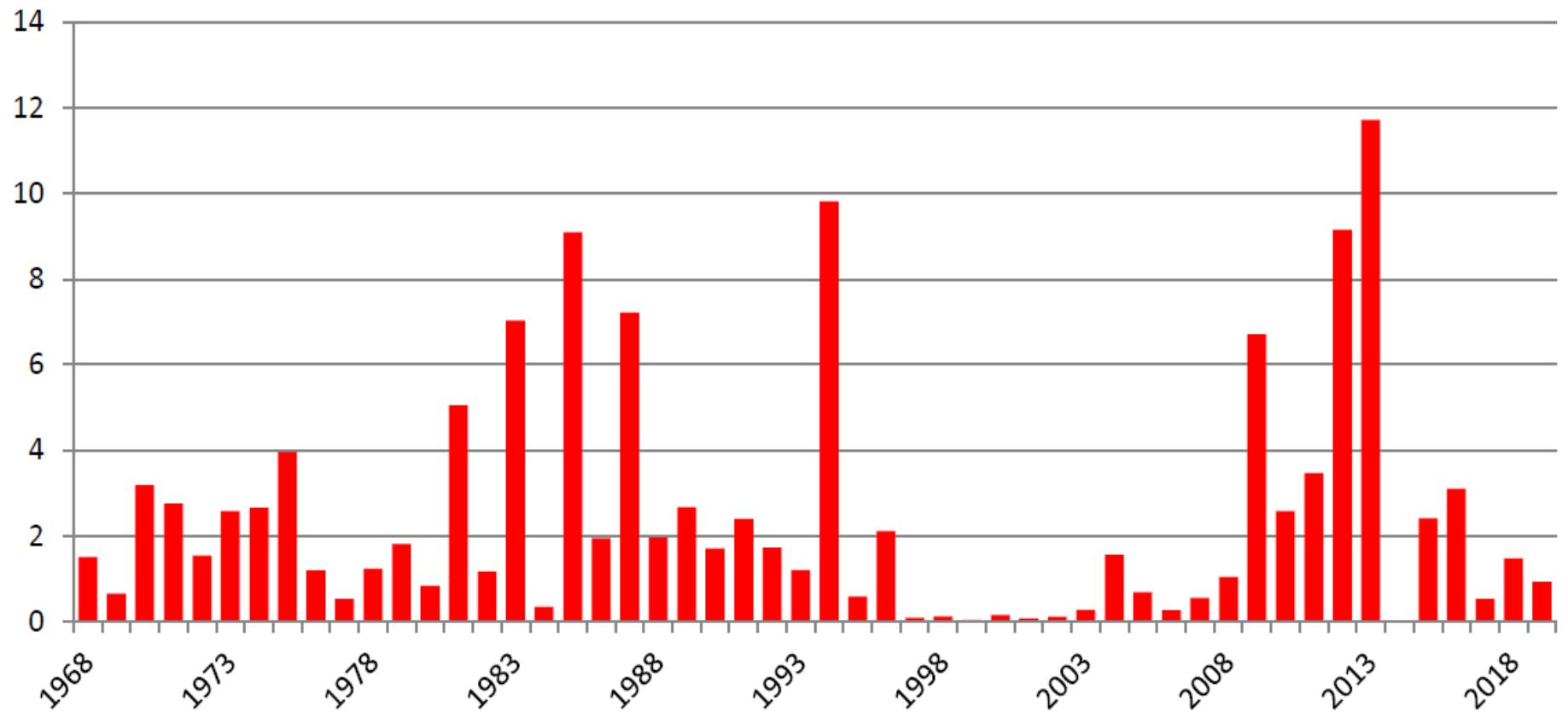


Figure 8. Estimated swept area biomass (mt) of total pups (spiny dogfish  $\leq 35$  cm) captured in the NEFSC spring bottom trawl survey, 1968-2019. Survey was incomplete in 2014; no estimate available.

# Dogfish Landings thru 2018

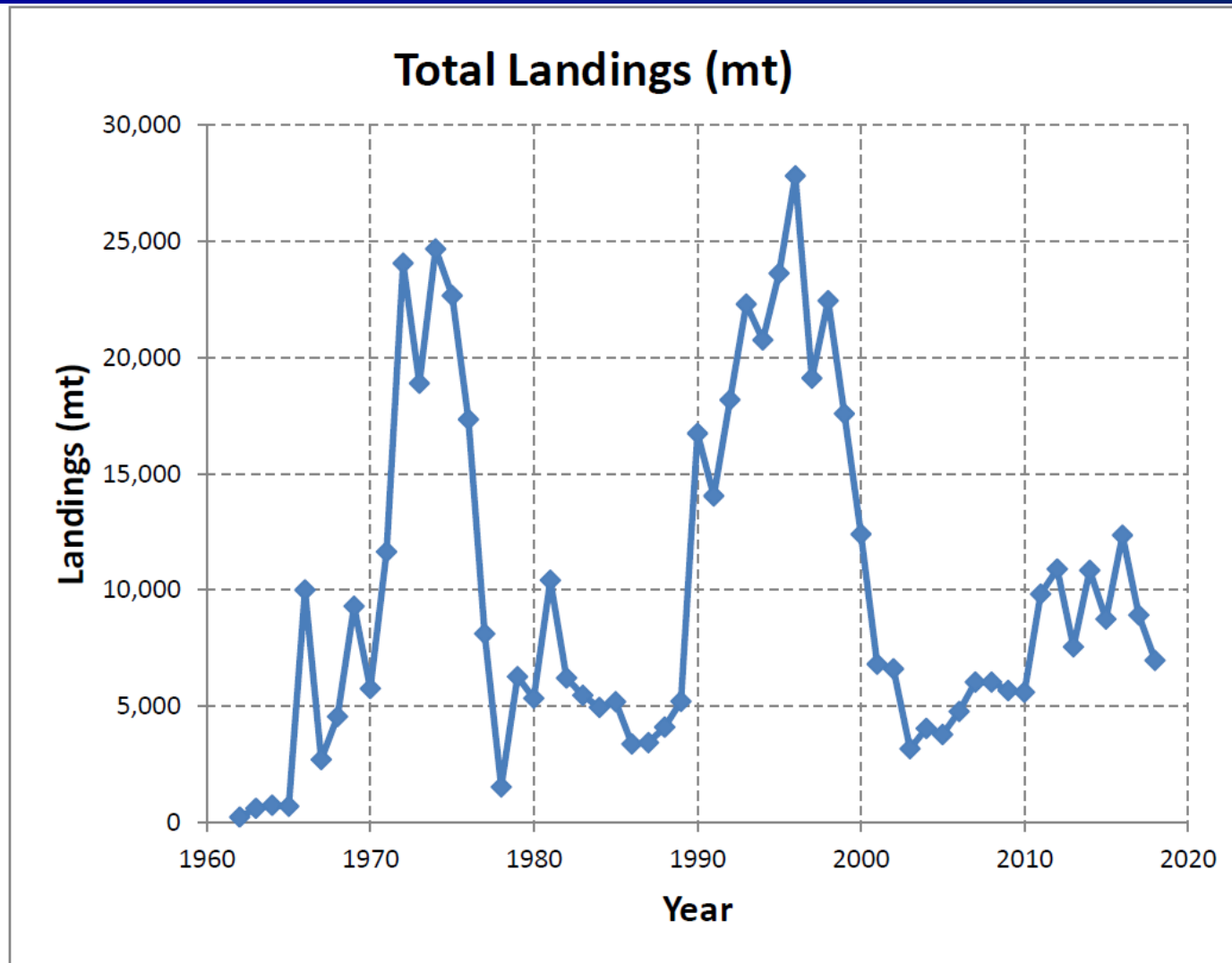
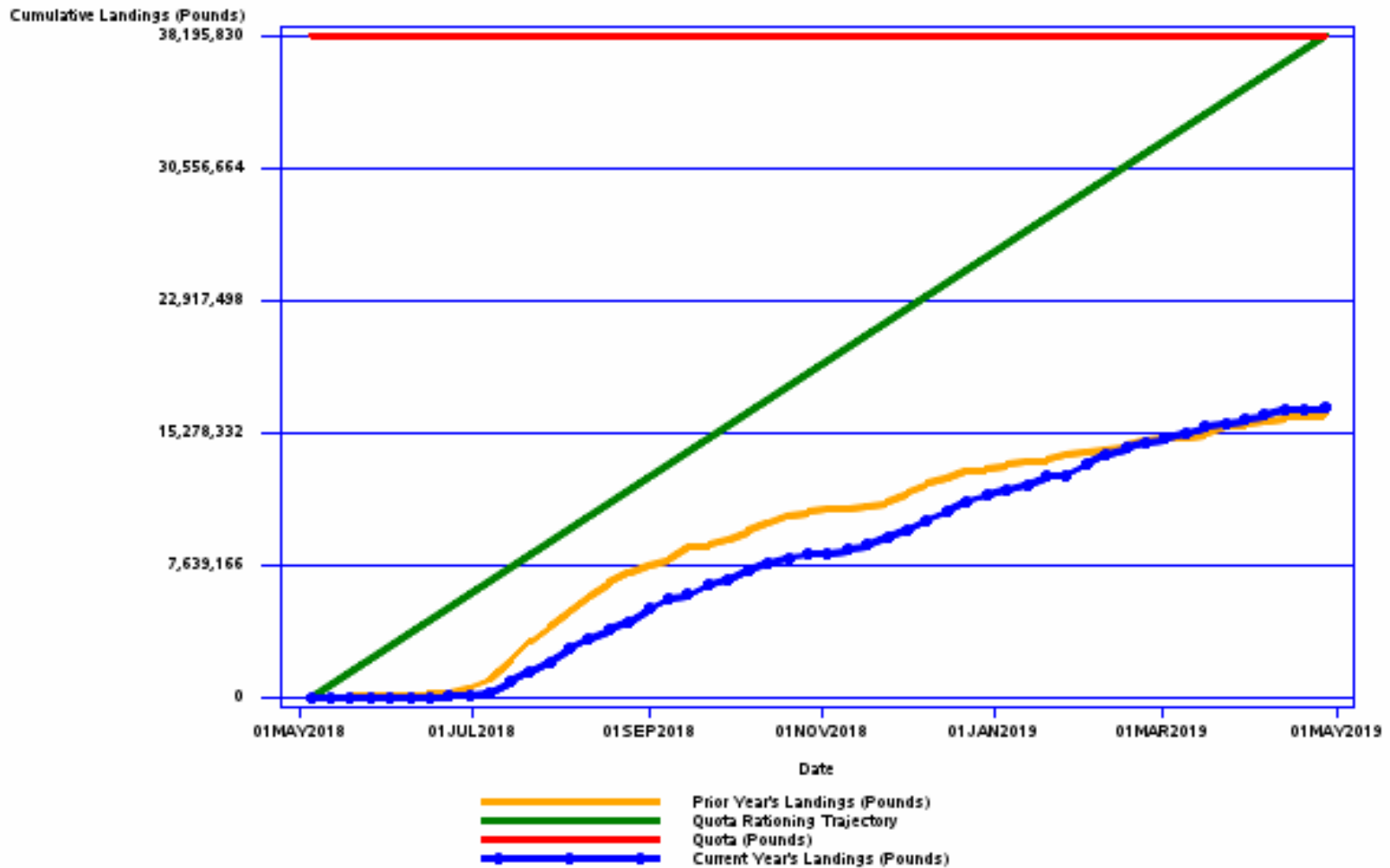


Figure 1. Estimated total landings (mt, live) of spiny dogfish in NAFO Areas 2 to 6, 1962-2018.

# Dogfish Landings 2018 and 2017 FYs

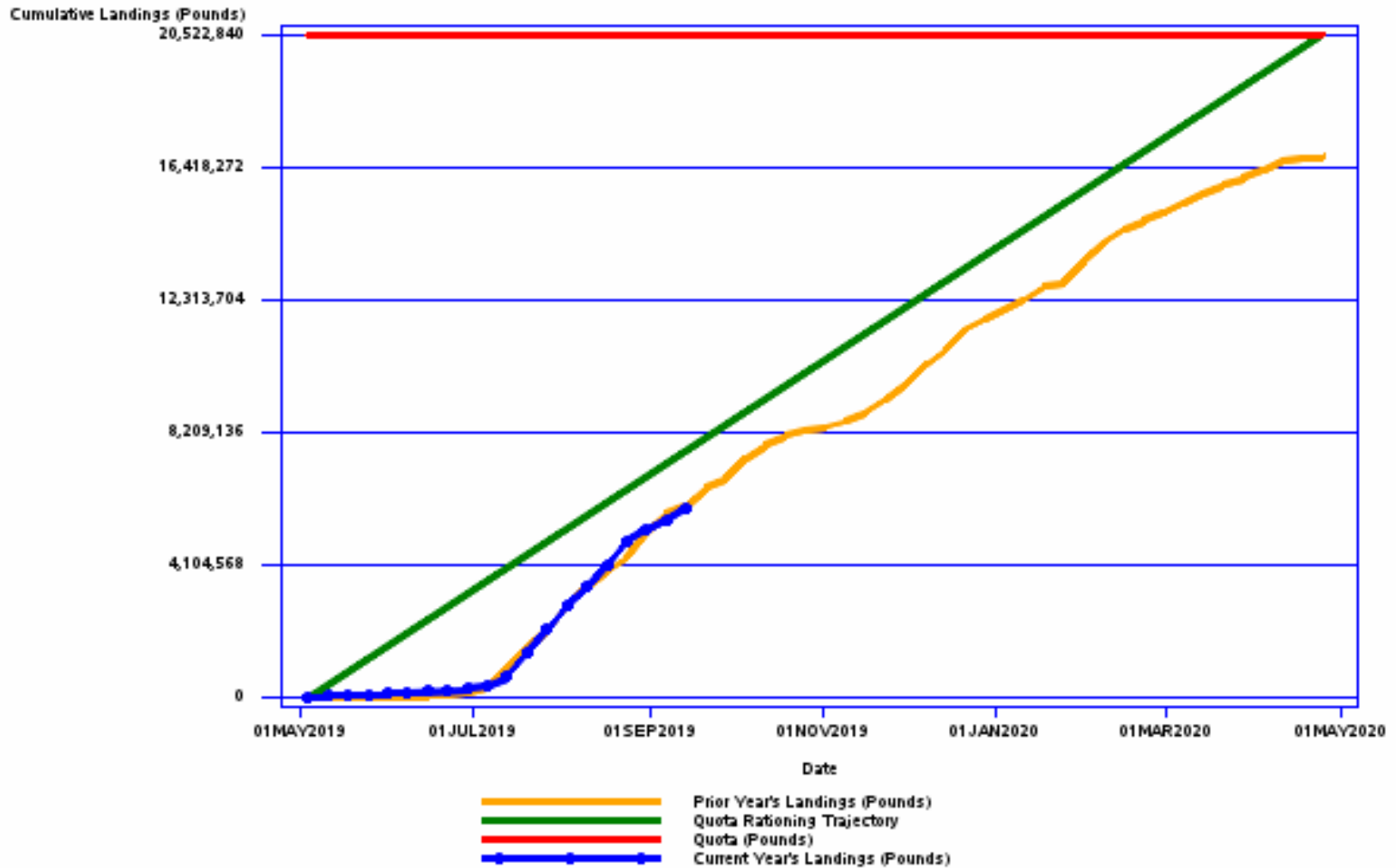
## Spiny Dogfish Quota Monitoring Report





# Dogfish Landings 2019 and 2018 FYs

## Spiny Dogfish Quota Monitoring Report



# Price thru 2018 Fishing Year

Dogfish Price, Inflation Adjusted (2018) \$/pound

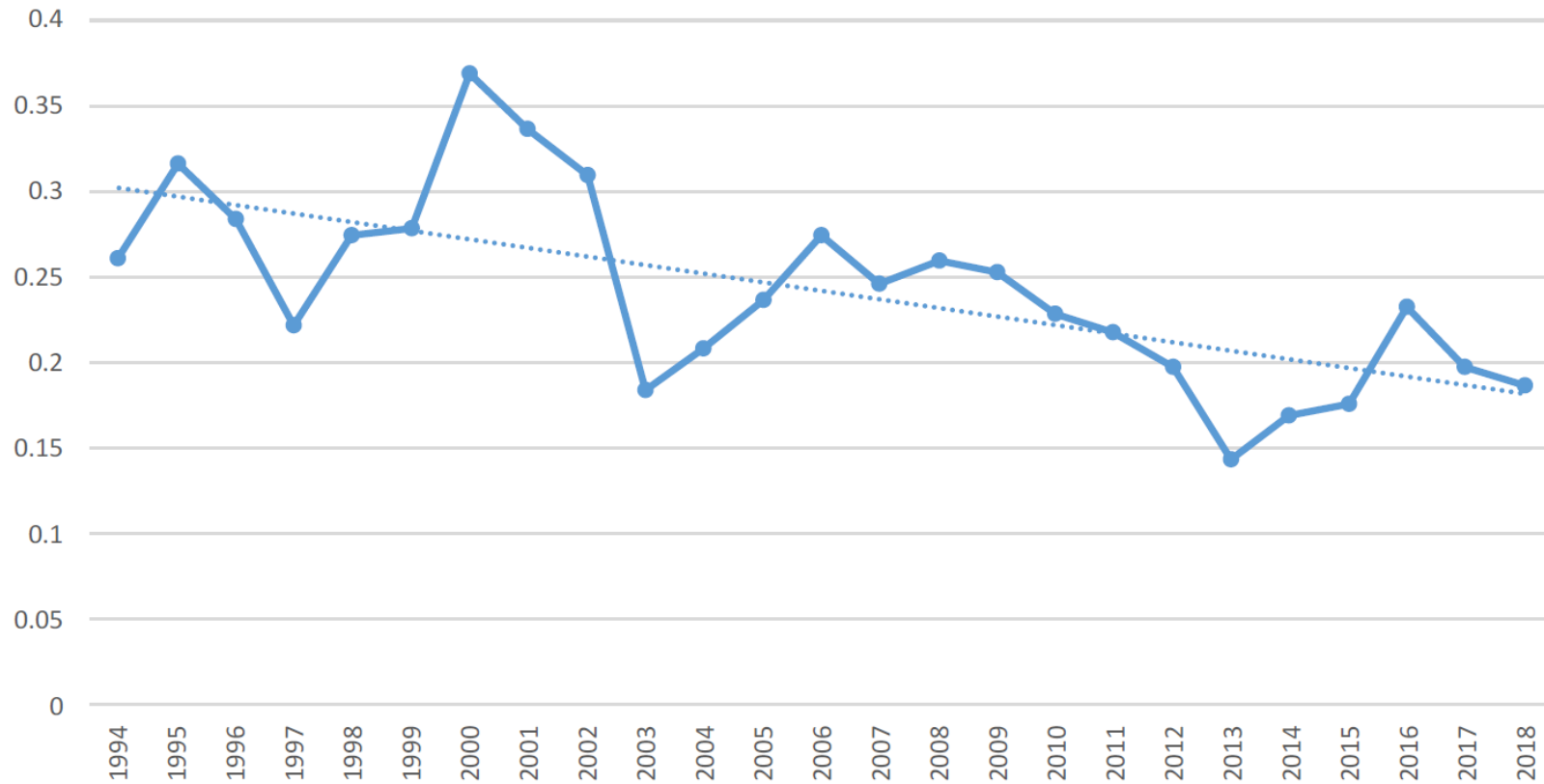


Figure 3. Price of spiny dogfish (\$/live pound) (adjusted to 2018 “real” dollars using the producer price index (PPI), 1994-2018 fishing years. Source: NMFS unpublished dealer data. <sup>4</sup>

# Dogfish – Advisory Panel FPR

- Small group
- Weak demand + trip limit restrain landings
- Local conditions affect local landings
- Concern about science underestimating population & productivity
- No concerns about stock from AP

# Trip Limit

- Monitoring Committee
  - No changes needed re: exceeding ACL
  - Quota more important biologically
  - Major changes = Framework or Amendment
  - The interplay of trip limits and prices = difficult to predict fishery responses
- AP: several for trip limit status quo, one for increase
- ASMFC “Scoping”: Minimal input, couple either side

# Overall Staff Recommendation

- No action at this time.

# Questions?

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