

# SSC Review of OFL/ABC for Framework 32

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Scallop PDT Chair**

**SSC Meeting  
October 17, 2019**



**New England  
Fishery Management Council**

# Review of Framework 32

## Draft Purpose and Need re: Specifications

- The purpose of this action is to prevent overfishing and improve yield-per-recruit from the fishery.
- The need for this action is to set specifications to adjust the day-at-sea (DAS) allocations, general category fishery allocations and area rotation schedule for 2020 and 2021 (default)
- One additional management measure under consideration:
  - Mitigate impacts on Georges Bank yellowtail flounder



# FW32 – Management Alternatives

**OFL and ABC** – PDT will present the same control rules developed in A15 and used for FW21-30, with updated survey and fishery data

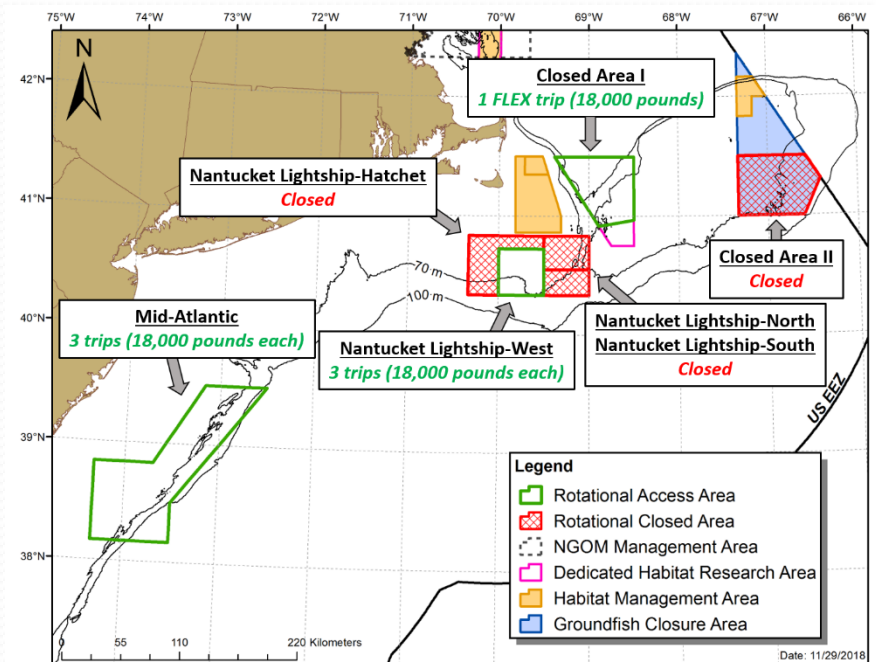
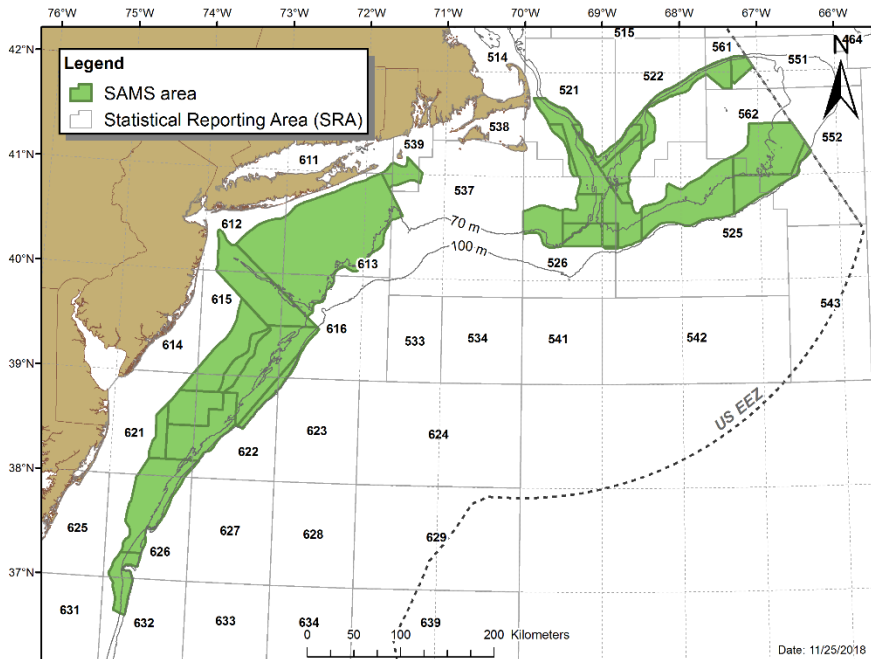
- OFL - equivalent to the catch associated with  $F_{msy}$  ( $F=0.65$ )
- ABC control rule – catch set at 25% probability of exceeding OFL ( $F=0.51$ ). Risk is evaluated in terms the probability of overfishing compared to the fraction loss of yield.

*The fishery has not exceeded ABC/ACL since A15*

*Stock status: Not overfished and overfishing not occurring*

**FY 2020 ACL  
(F=0.5 I)  
~98 million lbs**

**“Spatial Management”  
FY 2019 Proj. Landings  
62.5 million lbs  
(~50% of the 2019 ACL)**



# Fishery Specifications

- No Action – 18 DAS, 1 access area trip in Mid-Atlantic Access Area, 1 access area trip in Nantucket Lightship West, ~2.25 mil lbs for LAGC IFQ.
- Considering access in several rotational areas, including:
  - Closed Area I & II, Nantucket Lightship Region, Mid-Atlantic Access Area
- May be additional measures to protect reduce flatfish impacts under consideration.

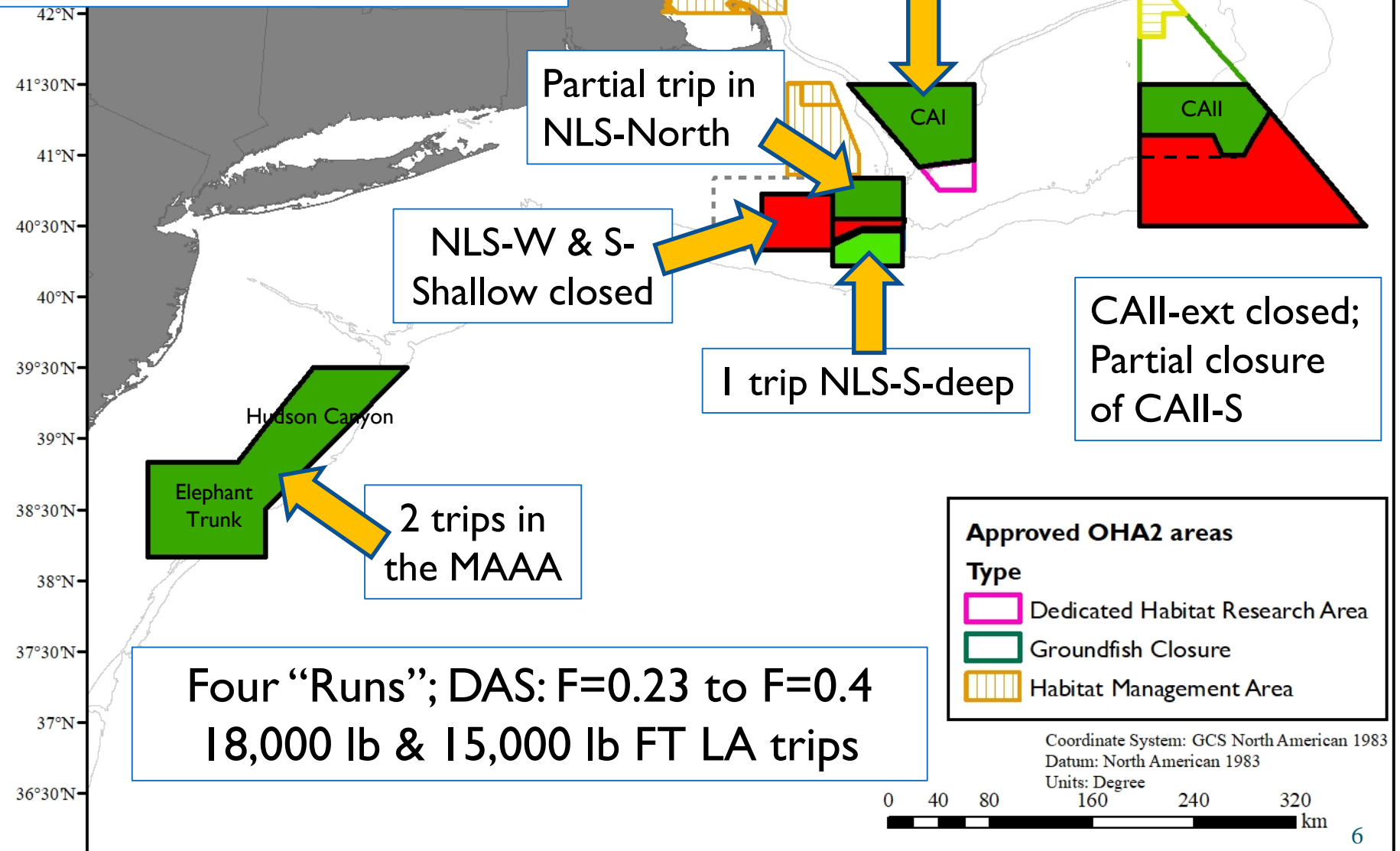
# Committee Tasking to PDT (Doc.2)

## Motion #1 – “Run 2”

Specifications Run of AAs, open area F.

**RED** – Potential Rotational Closure

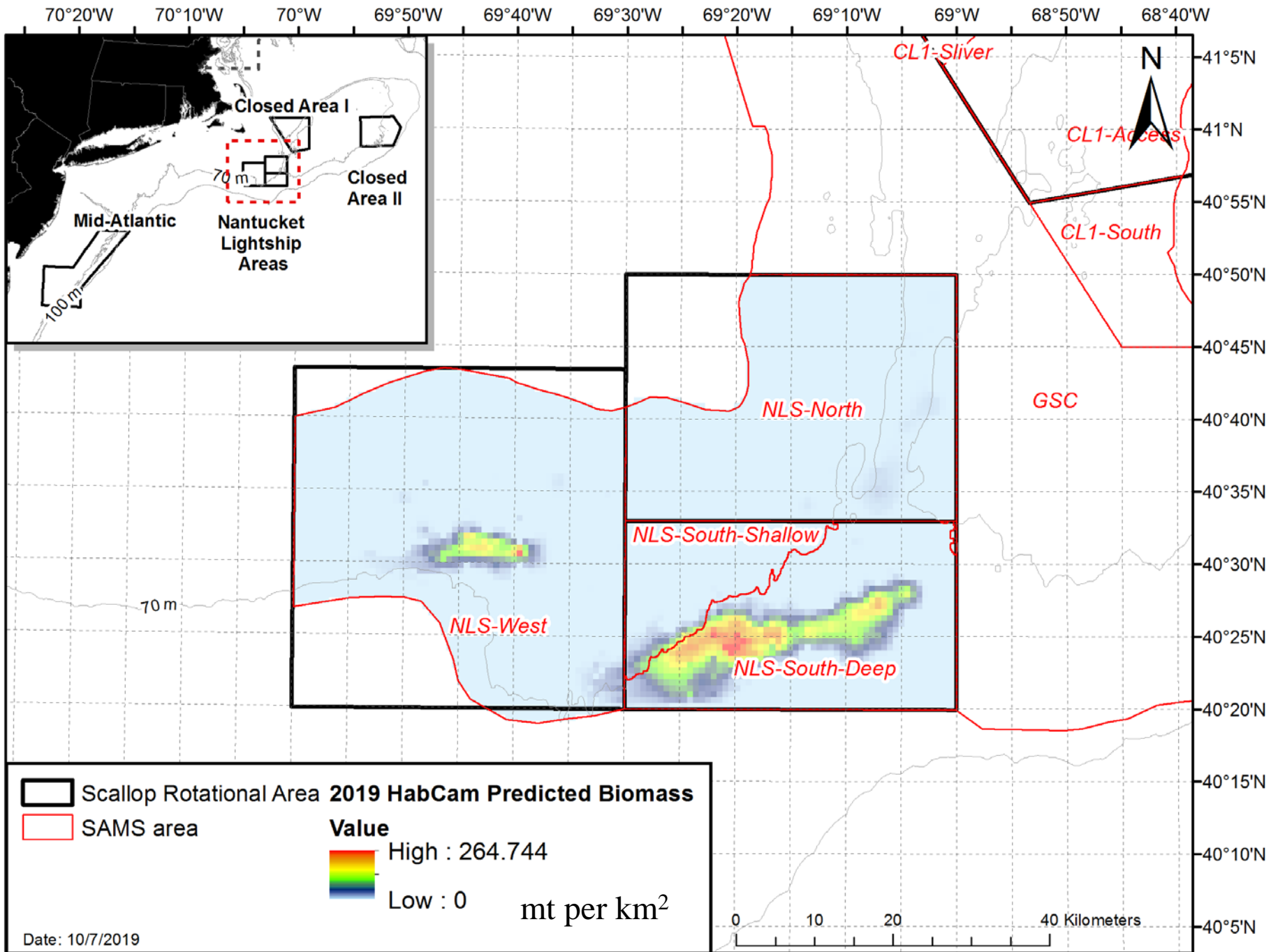
**GREEN** – Potential Access Areas



# SSC Action on FW32

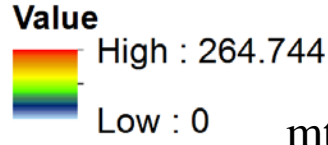
- Consider recommended changes to SH-MW, dredge estimates, growth, and selectivity in the Nantucket Lightship region.
- Recommend OFL and ABC for 2020 and 2021 (default) and present SSC report at December 2019 Council meeting.





Scallop Rotational Area 2019 HabCam Predicted Biomass

SAMS area



mt per km<sup>2</sup>

Date: 10/7/2019





# PDT's 2020/2021 OFL and ABC Recommendations

To address this the PDT is recommending 4 data treatments in Nantucket Lightship region:

- Adjustments to **SH-MW parameters** using survey data from 2016 - 2018.
- Adjustments to dredge biomass estimates in high density areas to account for reduce **dredge efficiency**.
- Reducing **growth** expectations for animals that are not growing normally. Little growth between 2017 & 2018, resumed growth between 2018 & 2019.
- Applying **fishery selectivity** that better reflects the size distribution of scallops that will be in the fishery.

# OFL and ABC Recommendations

Year	ABC-Land	ABC-Disc	ABC-Tot	OFL-Land	OFL-Disc	OFL-Total
2020	45,414	5,046	50,460	53,224	5,962	59,186
2021	36,435	3,995	40,430	42,790	4,713	47,503