Cumulative Discard Methodology in the Atlantic Sea Scallop (*Placopecten magellanicus*) Fishery

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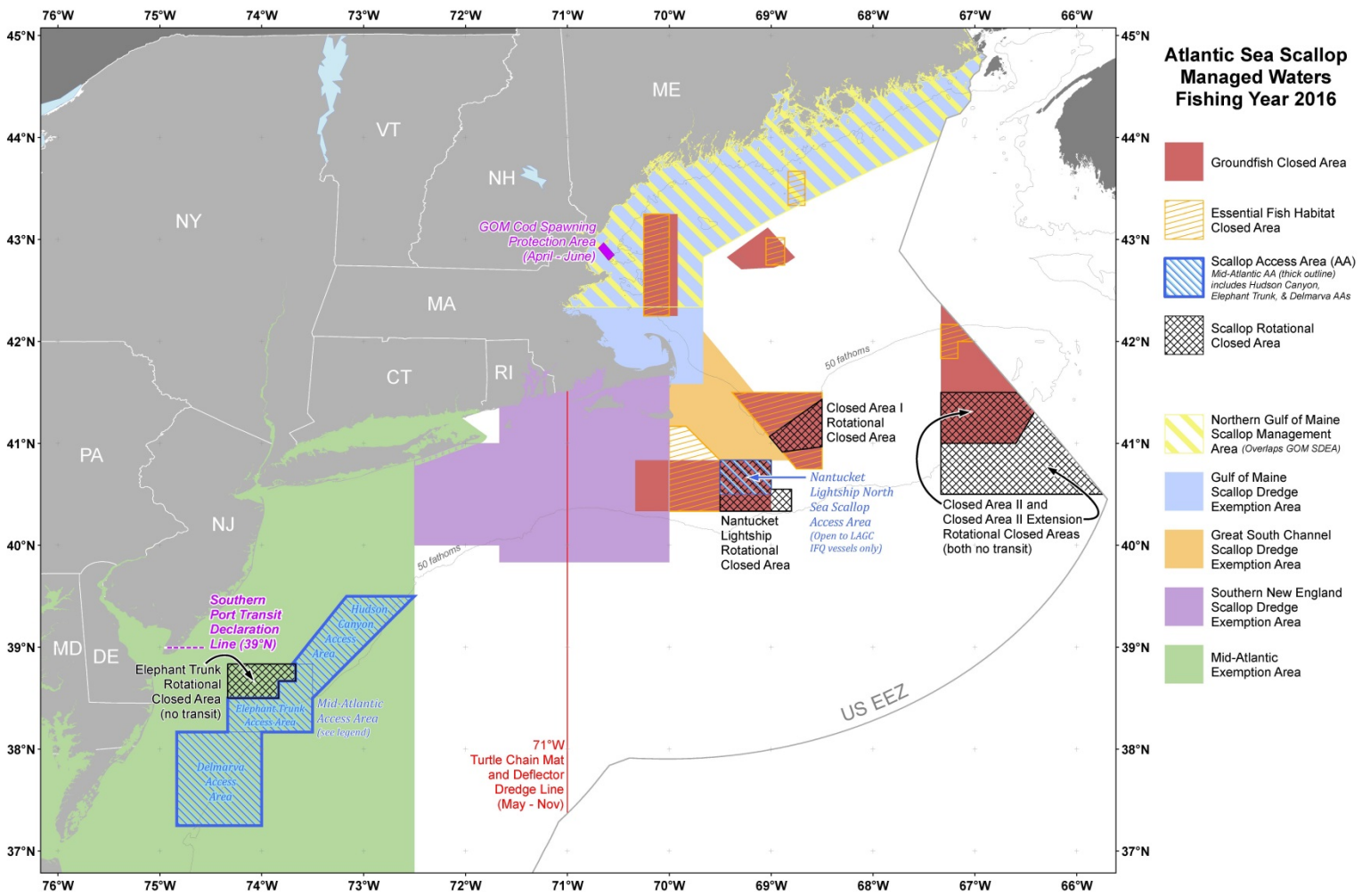
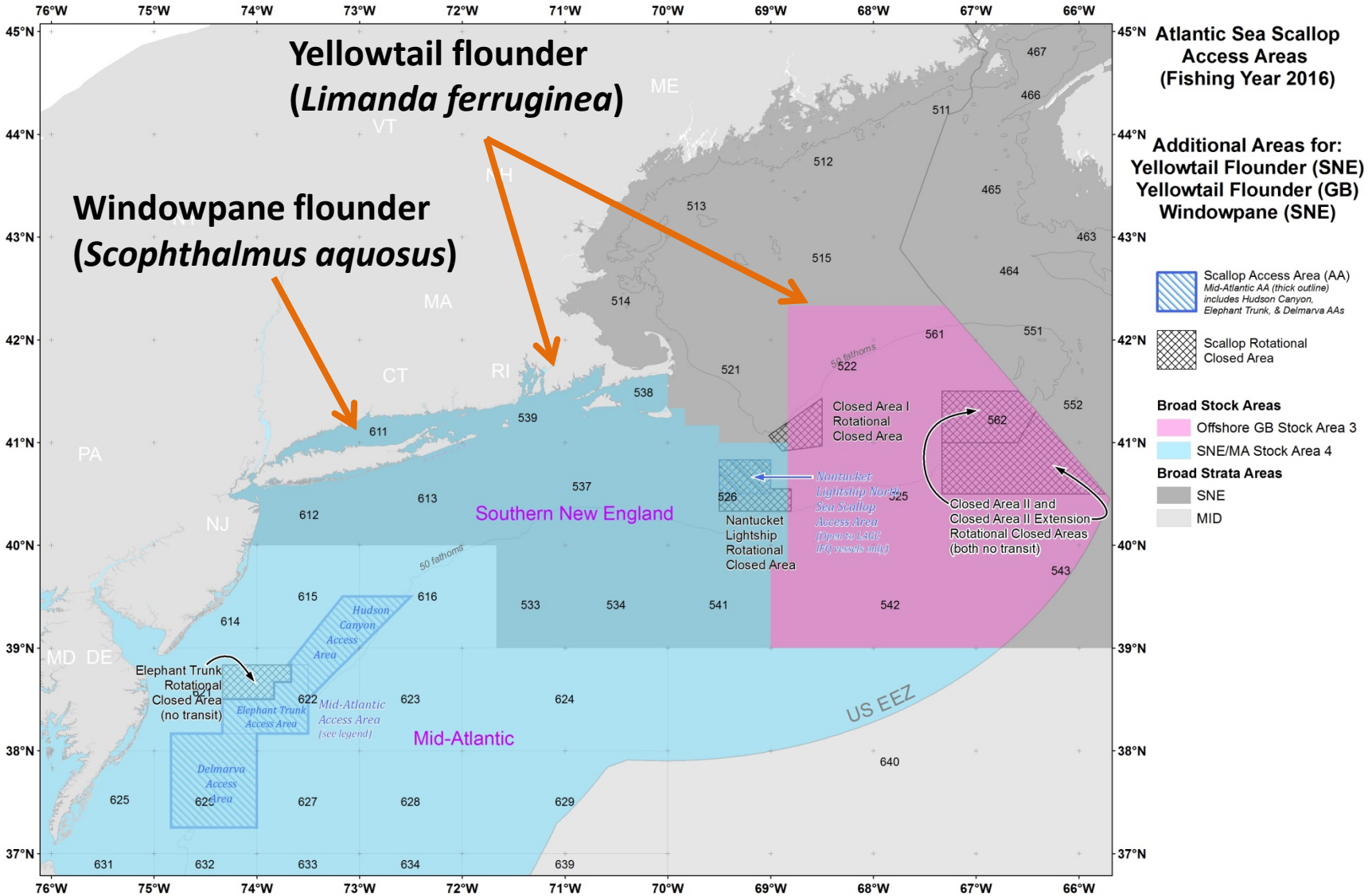
The Scallop fishery



Map credit: Dean Szumylo, GARFO

Bycatch monitoring



Baseline Stratification

Area	Fleet	Gear
Closed Area I (*GB*)	Limited Access	Dredge
Closed Area II (*GB*)	General Category	Trawl
Nantucket Lightship (*SNE/MA*)		
Open Area <=613 (*SNE/MA and GB*)		
Open Area >= 614 (*SNE/MA*)		

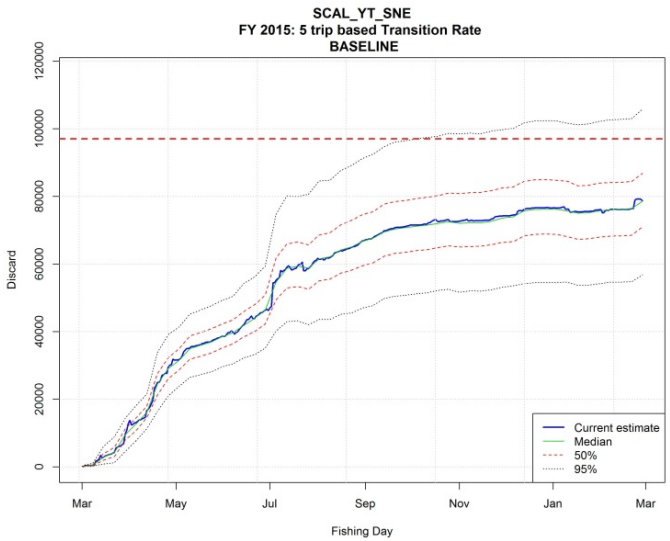
Broad Stock Areas: *SNE/MA* *GB*

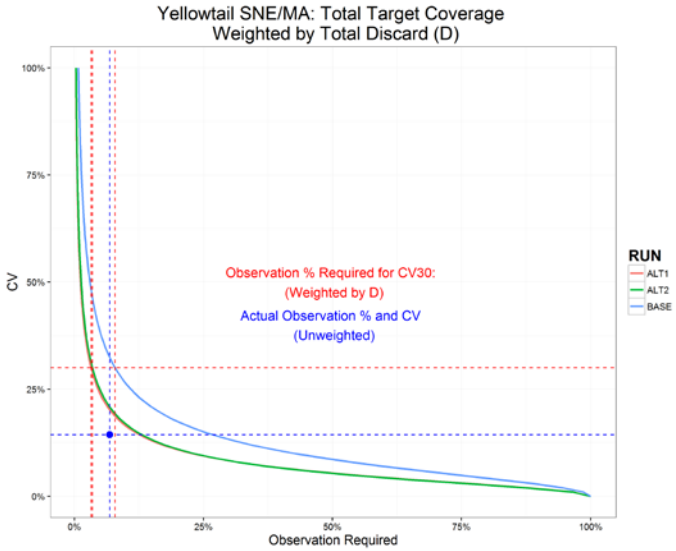
Analysis Parameters

- Time
  - 2015 Fishing Year (March 1, 2015 – Feb 29, 2016)
- Stratification
  - Baseline
  - Gear only
  - Gear and Area
    - no separate rate for Access Areas
- Transition Rate
  - 5 trip
  - 365 day moving average

Products

- Simulated discard over a year (18 simulations)
- Probability of cap exceedance
  - First day
  - Last day of fishing year
- Target coverage for CV range





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Cumulative Discard Methodology Peer Review

Nov 7-9 , 2016
Greater Atlantic Regional Office
55 Great Republic Drive
Gloucester, MA