Scallop Framework 28

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Scallop PDT Chair

Scallop AP – Nov. 2, 2016
Scallop CTE – Nov. 3, 2016
Warwick, RI

New England
Fishery Management Council

Today's Meeting:

- **Goal: Review FW28 measures, analysis, and potentially identify preferred alternatives.**

Outlook:

- Scallop Report at Council meeting will be Wednesday, November16 at 9:30am. SSC report on scallops at 8:30am.
- Expect the Council to take final action in November.
- Expedited Review Process - Preliminary submission of FW28 in December.
  - Delay in Final Action will delay the Framework.

Agenda – FW 28, Specifications

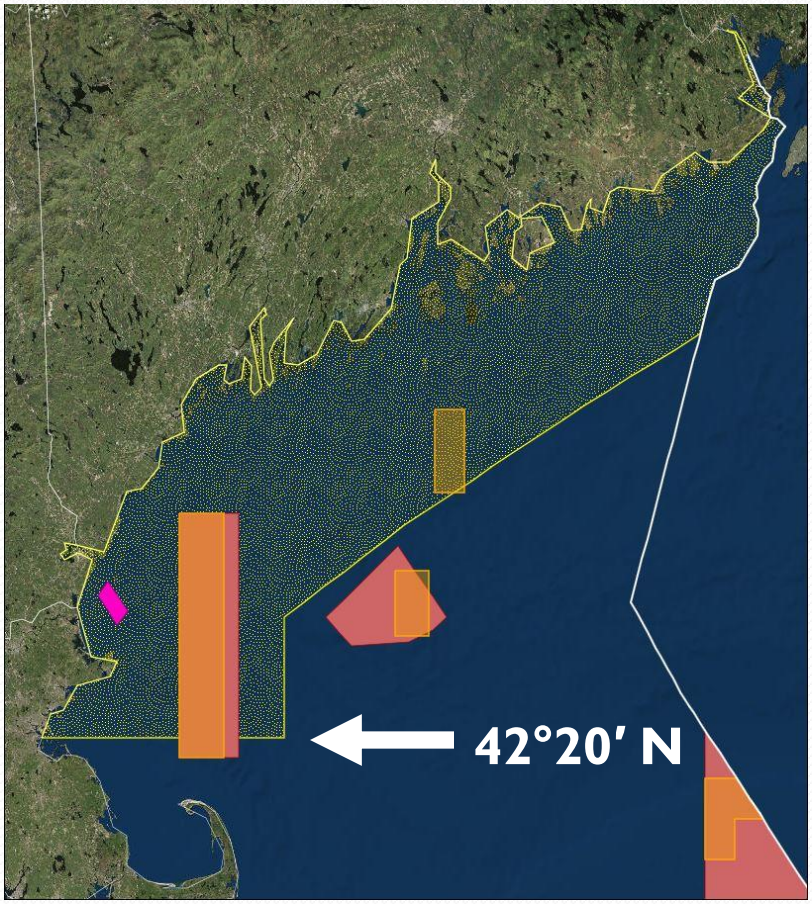
- 2.8 – Possession of Shell Stock Inshore of DAS Demarcation Line
- Framework Overview and Preliminary Analyses
- Issues to Clarify
- 2.1 – SSC recommendations for OFL and ABC for 2017/2018
- 2.2 – Northern Gulf of Maine TAC
- 2.3 – Applying Spatial Management to Spec Setting Process
- 2.4 – Proration of Allocation to Account for 13 month FY
- 2.5 – Additional Measures to Reduce Fishery Impacts
- 2.6 – Modifications to CA 1 Access Area Boundary
- 2.7 – CA 1 Access Area Allocations (carryover lbs only)

Framework 28: Purpose and Need

Need	Purpose	Section(s)
To achieve the objectives of the Atlantic Sea Scallop FMP to prevent overfishing and improve yield-per recruit from the fishery	To set specifications including: OFL, ABC, scallop fishery ACLs and ACTs including associated set-asides, day-at-sea (DAS) allocations, general category fishery allocations, and area rotation schedule and allocations for the 2017 fishing year, as well as default measures for FY2018 that are expected to be replaced by a subsequent action.	Sections 2.1, 2.2, 2.3, 2.4, and 2.5
To apply the spatial management to the specification setting process	To set specifications for the LA and LAGC IFQ components based on exploitable biomass in areas which will be open to the fishery.	Section 2.3
To remove the incentive to not use a DAS while possessing and processing in excess of 50 bu of shell stock.	To prohibit the possession of shell stock in excess of 50 bu inshore of the DAS demarcation line north of 42 20'N.	Section 2.8
To facilitate access to newly opened portions of CA I, consistent with the OHA2 Final Rule	To update the Closed Area I access area boundary to allow harvest of recruited scallops, consistent with the OHA2 Final Rule.	Section 2.7

Doc.2 page 2

Section 2.8 - Possession of Shell Stock Inshore of DAS Demarcation Line



- *Doc. 2 – Page 38*
- Council added priority in April
- Provision exists in the fishery south to 42°20′ N
- Alt 2. would expand existing prohibition throughout the range of the fishery

Possession of in-shell scallops –

- Unlawful for LA vessels to possess more than 50bu of in-shell scallops inside VMS demarcation line at any time during a trip south of 42° 20' N, unless fishing under state water exemption program (Figure 2).
- FW14 – measures adopted to eliminate incentive to deckload and shuck scallops off the clock and circumvent DAS program (undermines LPUE estimates), also reduce adverse impacts of discarded scallop shells and viscera in inshore waters.
- Limited to south of 42° 20' N to accommodate a small market of in-shell scallops landed in GOM.

Possession of in-shell scallops –

Section 2.8	Possession of Shell Stock Inshore of DAS Monitoring Line		PDT Pref.	AP Pref.	CTE Pref.
2.8.1	Alt. 1	No Action			
2.8.2	Alt. 2	Restrict the Poss. of Shell Stock Inshore of DAS demarcation	**	**	

- AP/CTE input on Preferred Alternative
- PDT supports Alt. 2

Overview of FW28 Specifications and Preliminary Analyses

Section 2.3 - Applying Spatial Management to Specifications Process

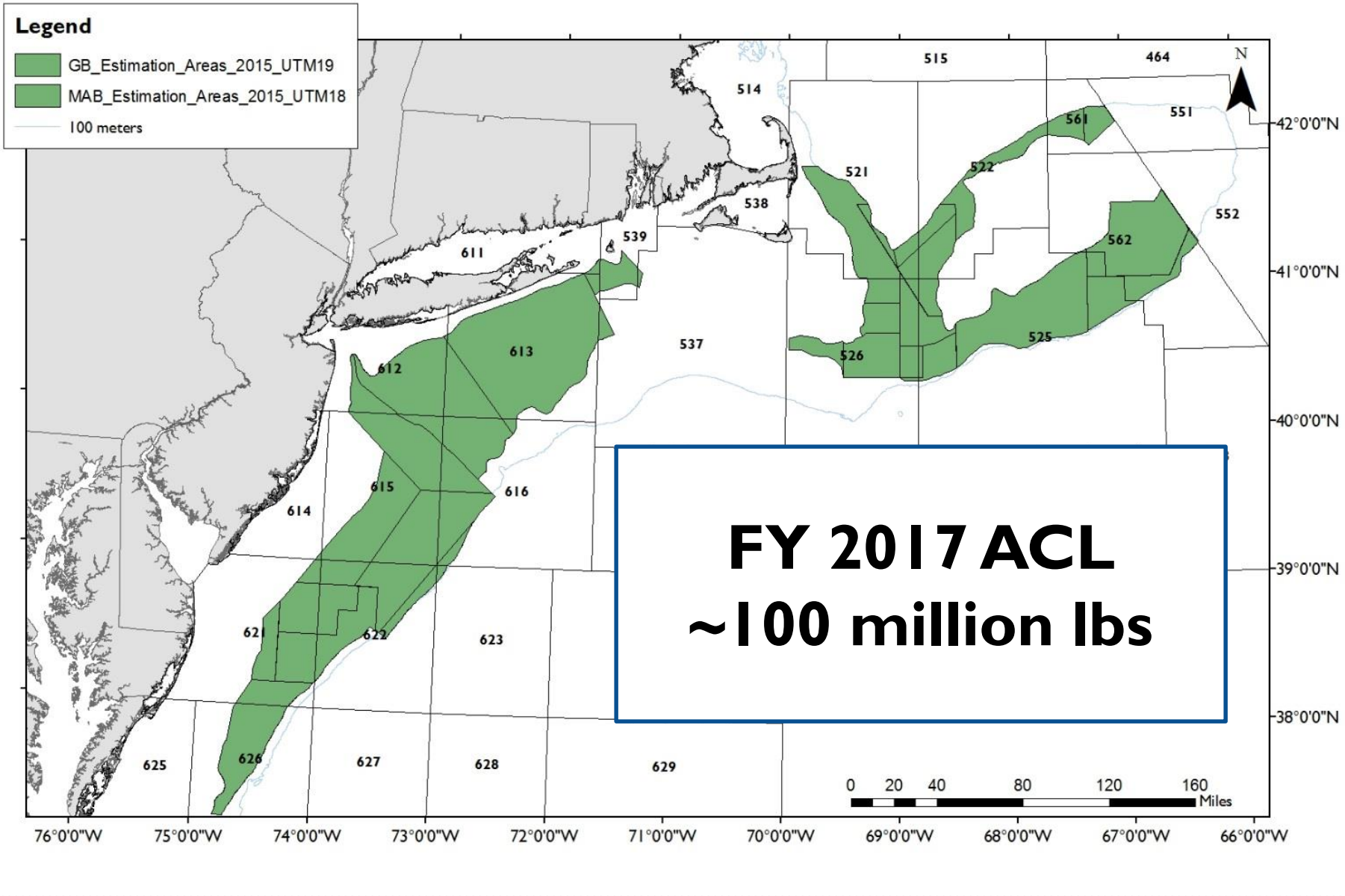
- IMPORTANT! The Council may select either 2.3.1 (No Action - Set IFQ at 5.5% of ACL) or 2.3.2 (Fishery Allocation Based on Spatial Management - Set IFQ at 5.5% of the Projected Landings) as *preferred*.
- Once the Council selects either 2.3.1 or 2.3.2, it may only select preferred alternatives from the sub-options/alternatives within the underlying preferred.
- Specifications are for 12 months. Section 2.4 considers prorating the DAS and IFQ allocations of the preferred alternatives to account for an additional month in the 2017 FY (NA, +8%, or +4.7%)

Section 2.3 - Applying Spatial Management to Specifications Process

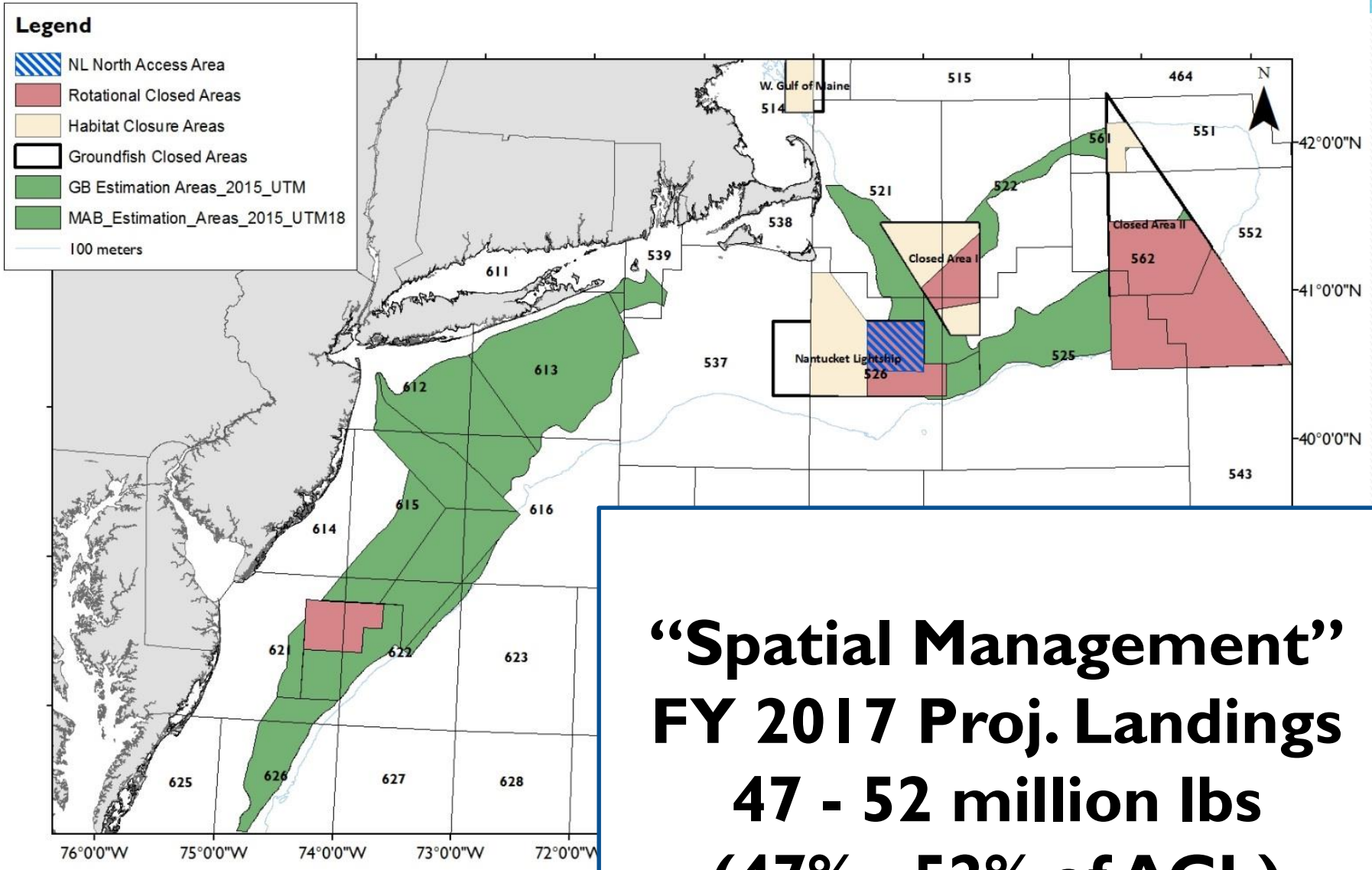
- ACLs are based on all areas.
- Projected Landings (PL) are based on exploitable biomass in areas open to the fishery ("Spatial Management").
- Projected landings are some fraction of the ACL, which varies based on the spatial management of the fishery.
  - Dependent on how much biomass is in closed areas.
  - High of 90% in 2012, Low of 52% - 47% in FY 2017.
- Issue in years when large biomass in closed areas.

Background on Allocation Split

- Amendment 11
  - Limited entry for three LAGC permit categories
  - Separate TACs for NGOM and incidental permits
  - **Allocation split – 94.5% and 5.5% of *projected landings***
- Amendment 15
  - OFL > ABC = ACL > ACT
  - **Allocations based on annual catch limits (*not projected landings*)**
  - LA sub-ACT lower than sub-ACL
  - LAGC sub-ACL = ACT
- Measures in FW28 would not change the existing 94.5%/5.5% approach.
- LAGC IFQ Status Quo allocation > 5.5% of PL in recent FY, ~9.5% of PL in FY2016, and would be ~10.5% in FY2017



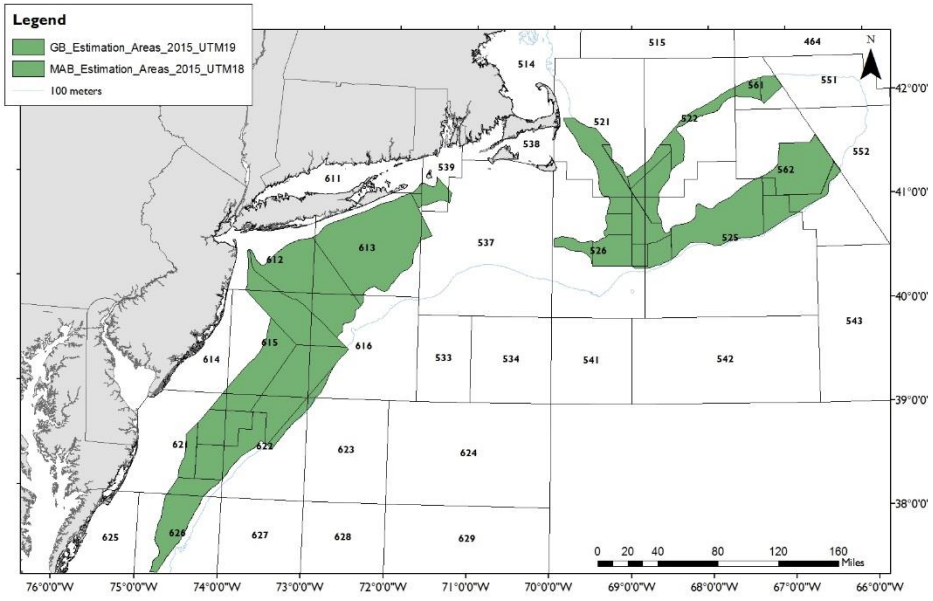
FY 2017 ACL
~100 million lbs

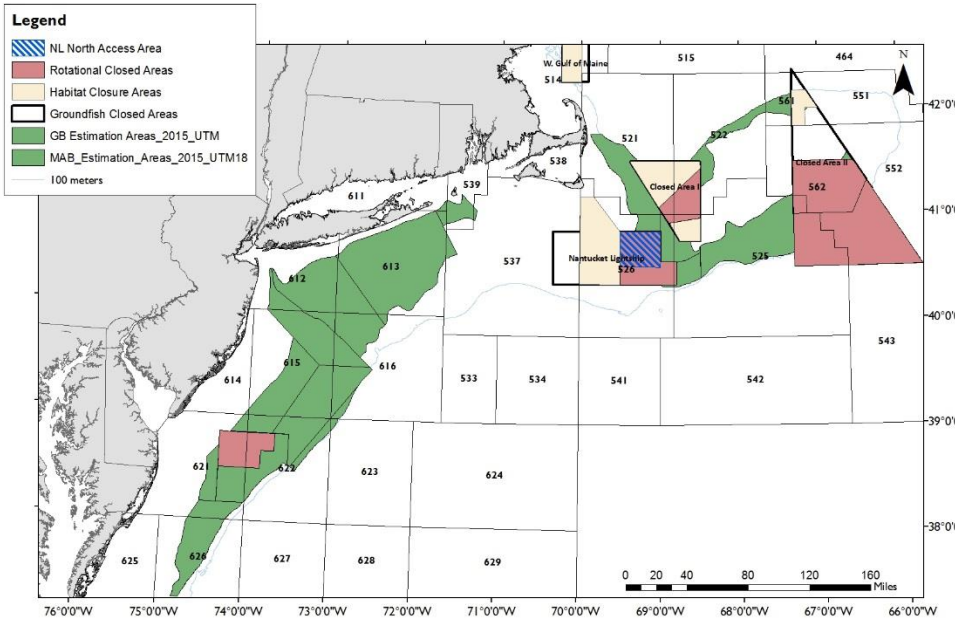


"Spatial Management"
FY 2017 Proj. Landings
47 - 52 million lbs
(47% - 52% of ACL)

Status Quo
5.5% of ACL
~100 million lbs

"Spatial Management"
5.5% of Proj. Landings
47-51 million lbs





LACG Quota
~5.5 million lbs

LACG Quota
~2.5 million lbs

Comparison of Actual Landings

Actual Landings by LA and LAGC IFQ							
	LA		LAGC IFQ		Combined Landings (LA and LAGC IFQ – No set-asides or LAGC incidental)		
FY	mt	%	%	mt	mt	% of Projected Landings	% of the ACL
2011	24,462	94.7%	5.3%	1,382	25,844	109%	95%
2012	23,711	94.0%	6.0%	1,511	25,222	97%	87%
2013	16,213	93.7%	6.3%	1,095	17,308	100%	82%
2014	12,948	93.2%	6.8%	948	13,895	80%	67%
2015	14,317	92.5%	7.5%	1,161	15,478	72%	61%

Section 2.3 -

- Subsequent options in Framework hinge on which approach is selected as preferred.

FY2017, Specifications for 12 month fishing year											
	Approach to setting Specifications	No Action (IFQ at 5.5% of ACL) **Section 2.3.1**				Applying Spatial Management to Spec Setting (IFQ at 5.5% of PL) **Section 2.3.2**					
						Basic Run Options			Basic Run + ETC Flex Options		
a	FW 28 Measure	**2.3.1.1.1**	**2.3.1.1.2**	**2.3.1.1.3**	**2.3.1.1.4**	**2.3.2.1.1.1**	**2.3.2.1.1.2**	**2.3.2.1.1.3**	**2.3.2.1.2.1**	**2.3.2.1.2.2**	**2.3.2.1.2.3**
b	Description	**Basic Run and 30 DAS**	**Basic Run + ETC Flex at 30 DAS**	**Status Quo From FY2016 (FW27)**	**No Action**	**Basic Run and 30 DAS**	**Basic Run and DAS set at F=0.4**	**Basic Run and DAS set at F=0.48**	**Basic Run + ETC Flex at 30 DAS**	**Basic+ETC Flex and DAS set at F=0.4**	**Basic+ETC Flex and DAS set at F=0.48**
d	**Landings (mil lbs)**	**52.4**	**52.4**	**47.7**	**35.6**	**49.2**	**47.3**	**51.1**	**49.2**	**47.3**	**51.1**
h	**IFQ Quota (% share)**	**5.5 (10.5%)**	**5.5 (10.5%)**	**4.4 (9.4%)**	**4.4 mil. (12.5%)**	**2.58 (5.5%)**	**2.47 (5.5%)**	**2.68 (5.5%)**	**2.58 (5.5%)**	**2.47 (5.5%)**	**2.68 (5.5%)**
i	**LA Allocation (% Share)**	**44.5 (85%)**	**44.5 (85%)**	**41 (86.1%)**	**29 (81.5%)**	**44.3 (94.5%)**	**42.5 (94.5%)**	**46 (94.5%)**	**44.3 (94.5%)**	**42.5 (94.5%)**	**46 (94.5%)**

Specification Alternatives

- *10 Total Options, including Status Quo and No Action*
- Basic Run:
  - 4 total AA trips at 18,000 lbs: 1 in NLS, 1 in CAII, 2 in MAAA. Keep ETC and CAII Ext closed.
- Basic Run with ETC "flex" option:
  - 4 total AA trips at 18,000 lbs: 1 in NLS, 1 in CAII.
  - Option to fish 1 trip in ETC as AA, rest as MAAA trips.
  - ETC subject to seasonal closure from July 1 – Sept. 30 and limit VMS declarations to one (1).
- Three DAS options for Basic and Basic w/ ETC "flex"
  - 30 DAS (F=0.44), F=0.4, F=0.48

Specification Alternatives

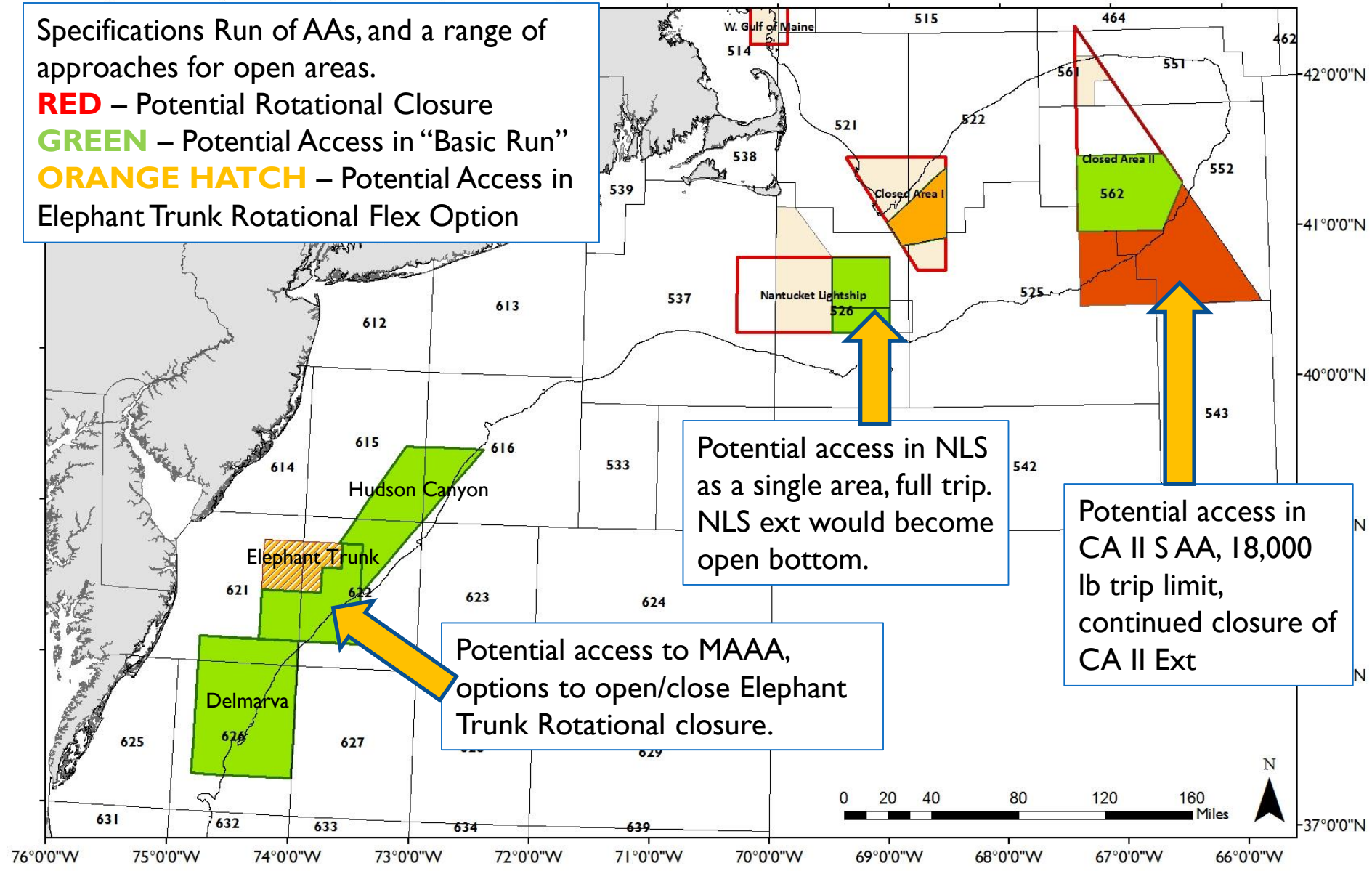
Approach to setting Specifications		FW 28 Measure	Description	Landings (mil lbs)	FT LA DAS	FT AA Allocation	IFQ Quota (% share)
No Action (IFQ at 5.5% of ACL) **Section 2.3.1**		2.3.1.1.1	SQ Basic Run and 30 DAS	52.4	30	72000	5.5 mil (10.5%)
		2.3.1.1.2	SQ Basic Run + ETC Flex at 30 DAS	52.4	30	72000	5.5 mil (10.5%)
		2.3.1.1.3	Status Quo From FY2016 (FW27)	47.7	34.55	51000	4.4 mil. (9.4%)
		2.3.1.1.4	No Action	35.6	34.55	17000	4.4 mil. (12.5%)
Applying Spatial Management to Spec Setting (IFQ at 5.5% of PL) **Section 2.3.2**	Basic Run Options	2.3.2.1.1.1	Basic Run and 30 DAS	49.2	30	72000	2.58 mil. (5.5%)
		2.3.2.1.1.2	Basic Run and DAS set at F=0.4	47.3	27.56	72000	2.47 mil. (5.5%)
		2.3.2.1.1.3	Basic Run and DAS set at F=0.48	51.1	32.44	72000	2.68 mil. (5.5%)
	Basic Run + ETC Flex Options	2.3.2.1.2.1	Basic Run + ETC Flex at 30 DAS	49.2	30	72000	2.58 mil. (5.5%)
		2.3.2.1.2.2	Basic+ETC Flex and DAS set at F=0.4	47.3	27.56	72000	2.47 mil. (5.5%)
		2.3.2.1.2.3	Basic+ETC Flex and DAS set at F=0.48	51.1	32.44	72000	2.68 mil. (5.5%)

Specifications Run of AAs, and a range of approaches for open areas.

RED – Potential Rotational Closure

GREEN – Potential Access in "Basic Run"

ORANGE HATCH – Potential Access in Elephant Trunk Rotational Flex Option



Potential access in NLS as a single area, full trip. NLS ext would become open bottom.

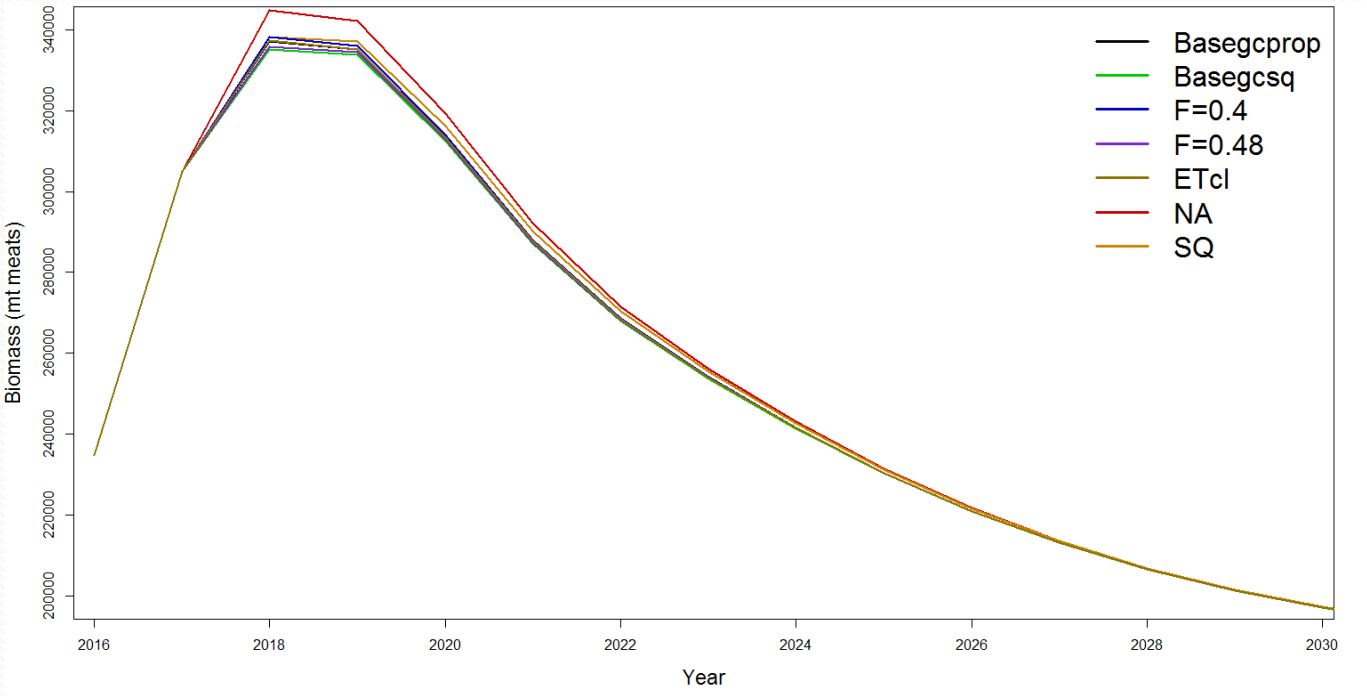
Potential access in CA II S AA, 18,000 lb trip limit, continued closure of CA II Ext

Potential access to MAAA, options to open/close Elephant Trunk Rotational closure.

Range of open area runs: 30 DAS, F=0.48, F=0.4

Projected Biomass

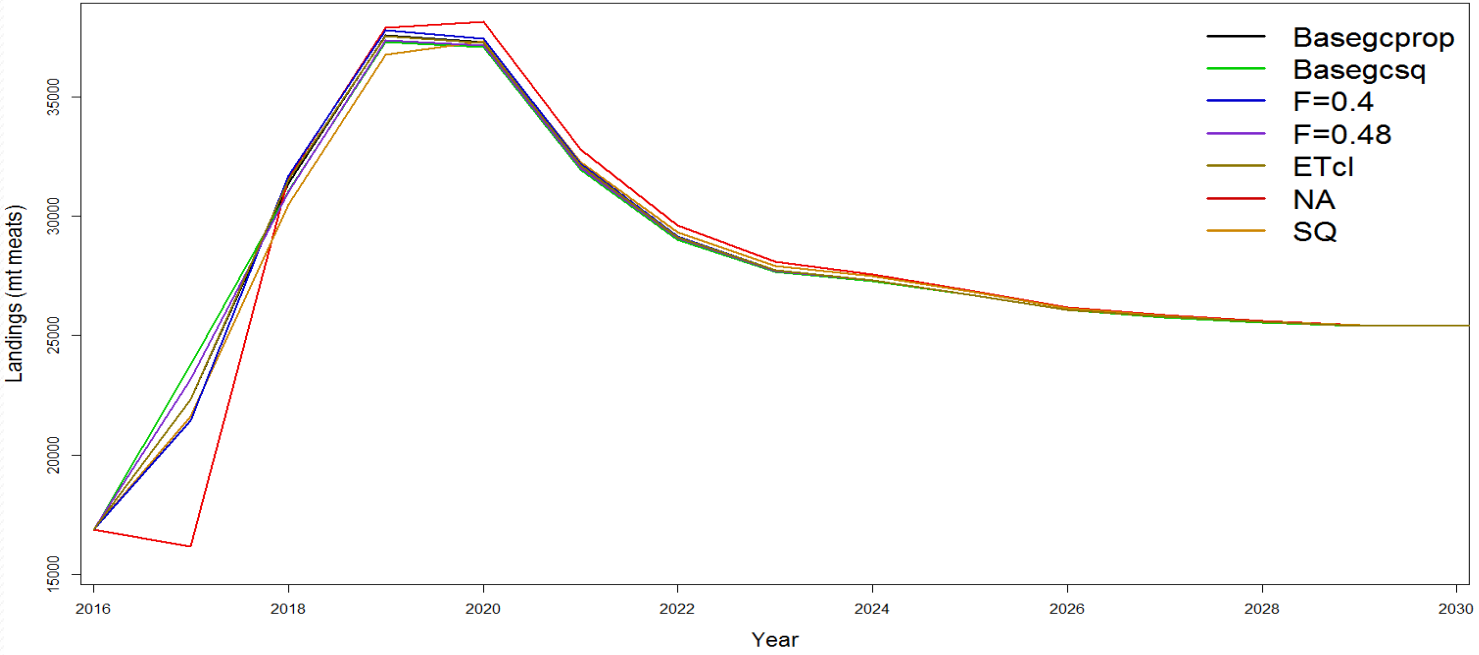
- Overall the projected biomass estimates are similar in the short and long run.
- No Action (default measures, lowest allocation), results in slightly higher biomass in the short term.



Projected Landings

- Overall the projected landings estimates are similar.
- Status Quo IFQ allocations result in higher ST landings.

FW 28 Measure	2.3.1.1.1	2.3IFQ .1.1.2	2.3.1.1.3	2.3.1.1.4	2.3.2.1.1.1	2.3.2.1.1.2	2.3.2.1.1.3	2.3.2.1.2.1	2.3.2.1.2.2	2.3.2.1.2.3
Description	Basic Run and 30 DAS	Basic Run + ETC Flex at 30 DAS	Status Quo From FY2016 (FW27)	No Action	Basic Run and 30 DAS	Basic Run and DAS set at F=0.4	Basic Run and DAS set at F=0.48	Basic Run + ETC Flex at 30 DAS	Basic+ETC Flex and DAS set at F=0.4	Basic+ETC Flex and DAS set at F=0.48
Run	2. Basic Run GCSQ	7. ETCGC SQ	SQ	1. No Action	3. Basic Run GCP	4. OpF=0.4	5. OpF=0.48	6. ETC		
Landings (mil lbs)	52.4	52.4	47.7	35.6	49.2	47.3	51.1	49.2	47.3	51.1



Summary of Economic Impacts

- See Document 2d.
- Positive ST and LT economic impacts with all alternatives.
- Landings with spatial management specifications for IFQ fishery would be about 3.2 mil lb. lower in 2017 compared to status quo specifications.
- Spatial Management (2.3.2): Revenues and economic benefits would be similar for Basic Run and ETC alternatives. Setting F=0.4 would generate the lowest revenues, while an F=0.48 is expected to generate the highest revenues.

Summary of Economic Impacts

Values	SQ	1. No Action	2. Basic Run GCSQ	3. Basic Run GCP	4. OpF=0.4	5. OpF=0.48	6.ETC	7.ETC GCSQ
FT LA Open area DAS	34.5	34.5	30.0	30.0	27.6	32.4	30.0	30.0
Total landings (Mill. lb.)	47.7	35.6	52.4	49.2	47.3	51.1	49.2	52.4
Difference from SQ		-12.0	4.8	1.5	-0.4	3.4	1.5	4.8
Difference from No Action	12.0		16.8	13.6	11.6	15.5	13.6	16.8
Total revenue (Mill. $)	567.5	451.0	617.7	590.0	572.3	606.5	590.2	618.0
Difference from SQ		-116.5	50.2	22.5	4.8	39.0	22.7	50.5
Difference from No Action	116.5		166.7	138.9	121.3	155.4	139.1	166.9
Total Economic Benefits (Mill. $)	584.8	455.2	645.9	613.9	593.9	632.6	614.5	646.7
Difference from SQ		-129.6	61.1	29.1	9.1	47.8	29.7	61.9
Difference from No Action	129.6		190.7	158.7	138.7	177.4	159.3	191.5

Summary of IFQ Impacts

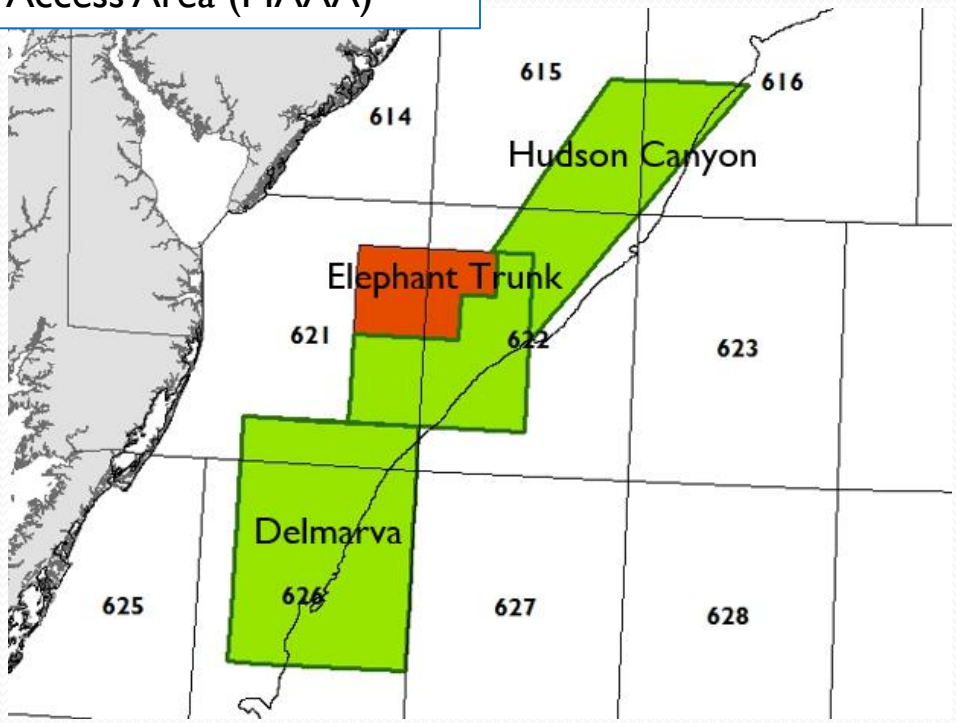
- Status Quo method – IFQ allocation would be 10.5% of Projected Landings
- Table is of IFQ only vessels (5%), no LA w/ LAGC IFQ
- Decline of ~2 mil. Lb and $20 mill. Revenue with spatial management alternatives (2.3.2)

Approach to setting Specifications	Status Quo (IFQ at 5.0% of ACL) Section 2.3.1			Applying Spatial Management to Spec Setting (IFQ at 5.0% of PL) Section 2.3.2		
				Basic Run and ETC Flex Options		
Description	**SQ** Status Quo From FY2016 (FW27)	No Action	ALT2 (Basic Run-30 DAS) & ALT7 (ETC-30 DAS)	Alt 3 (Basic Run-30 DAS) & Alt6 (ETC-30 DAS)	Alt 4(Basic Run-F=0.4) & ETC	Alt 5(Basic Run - F=0.48) & ETC
Landings (mill.lb)	4.1	4.1	5.0	2.3	2.2	2.4
Difference from SQ	-	-	1.0	(1.7)	(1.8)	(1.6)
% difference from SQ	0.0%	0.0%	23.8%	-42.3%	-44.8%	-40.0%
Projected Price	11.9	12.7	11.8	12.0	12.1	11.9
Revenue ($ mill.)	**48.4**	**51.5**	**59.3**	**28.1**	**27.2**	**28.9**
Difference from SQ	0.0	3.1	10.9	-20.3	-21.2	-19.5
% difference from SQ	0.0%	6.3%	22.6%	-41.9%	-43.8%	-40.2%
Number of trips	**6,778**	**6,778**	**8,391**	**3,908**	**3,744**	**4,065**
Estimated DA	7,831	7,831	9,695	4,516	4,326	4,697
Trip costs ($ mill.)	3.4	3.4	4.2	1.9	1.9	2.0
Net revenue ($ mill.)	**45.0**	**48.1**	**55.1**	**26.2**	**25.3**	**26.9**
Difference from SQ	0.0	3.1	10.1	-18.9	-19.7	-18.1
% difference from SQ	0.0%	6.8%	22.5%	-41.9%	-43.7%	-40.2%

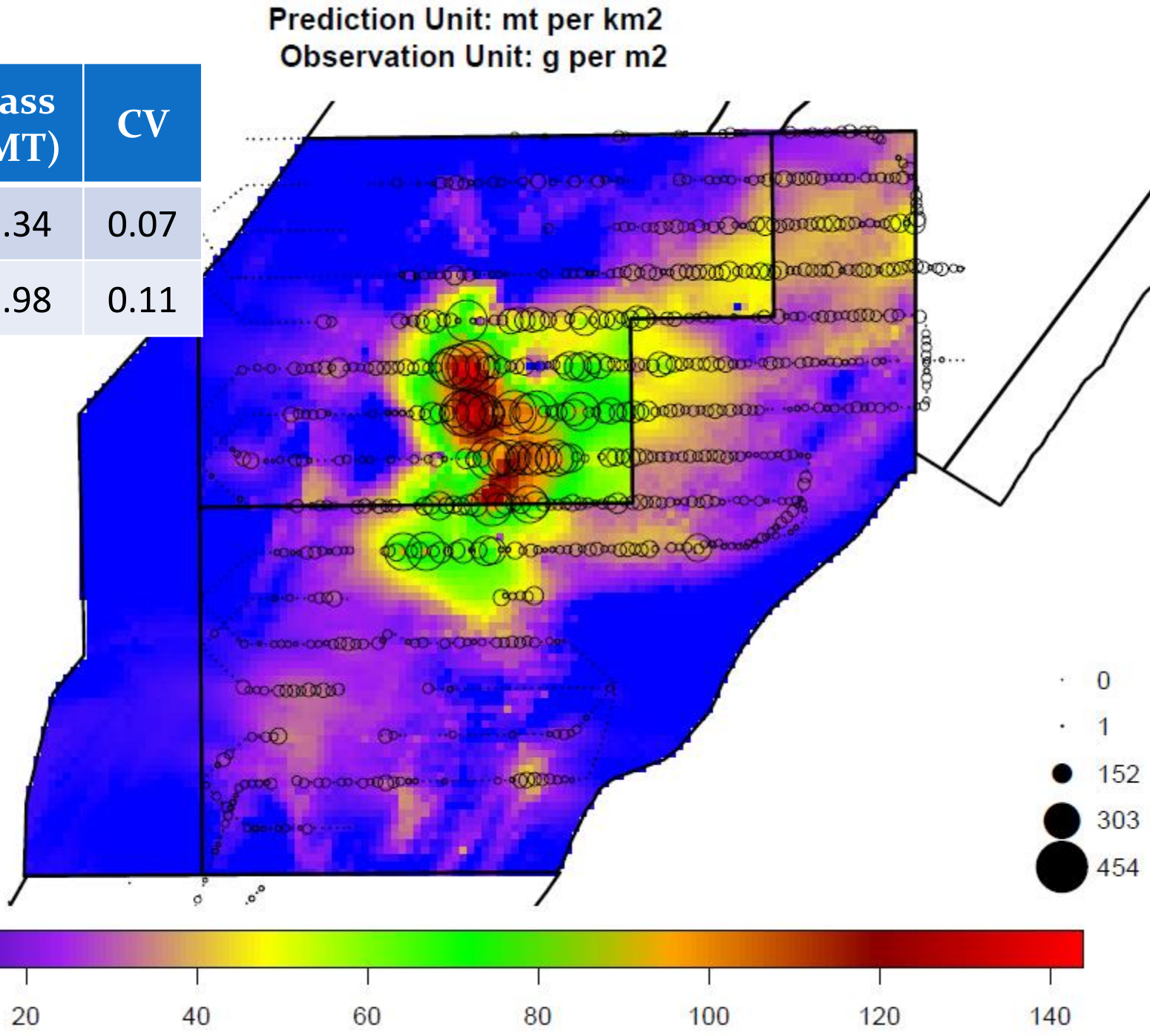
Elephant Trunk Closure and MAAA

- Basic Run Keeps ET Rotational Closure closed.
- Basic Run + ETC Flex Option re-opens the area.

RED – Elephant Trunk Rotational Closure (ETC)
GREEN – Mid-Atlantic Access Area (MAAA)



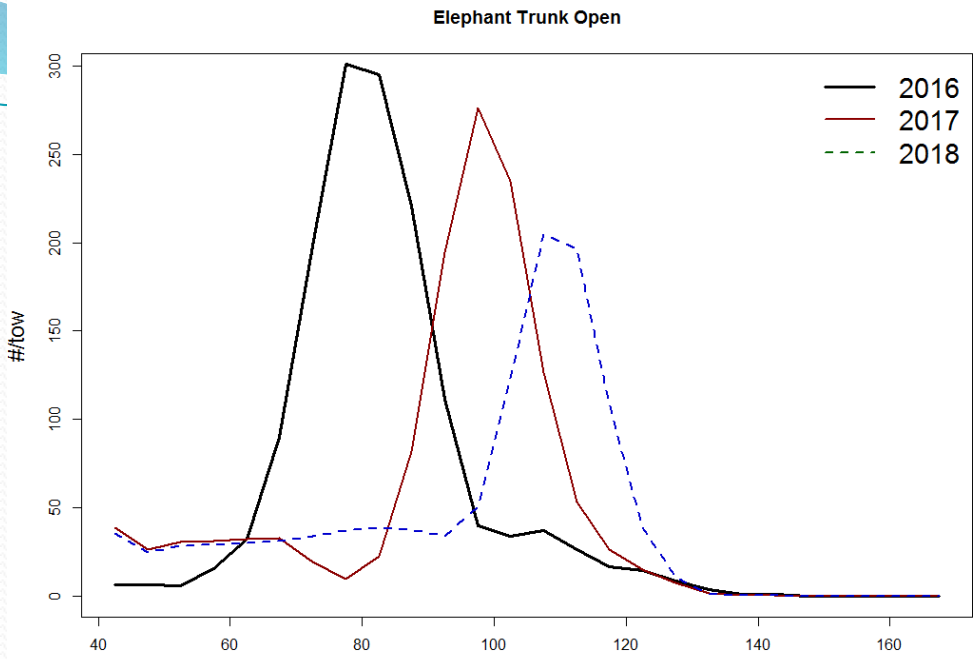
ET	Biomass EST (MT)	CV
Open	26039.34	0.07
Close	39139.98	0.11

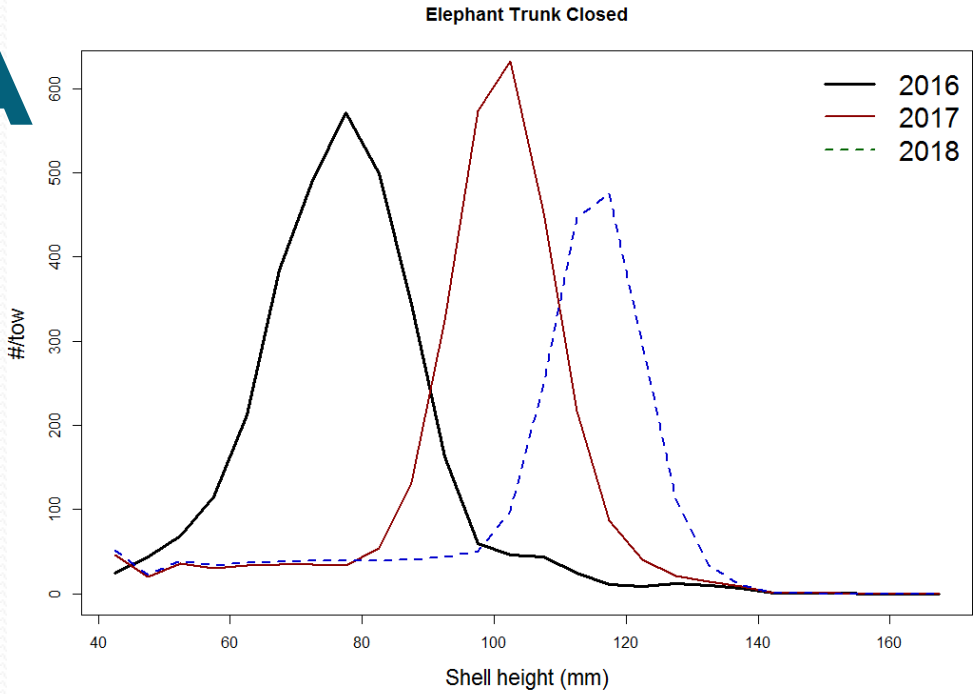


Projected Landings at F=0.38
ET Open: 3313 mt
Delmarva: 1335 mt
Hudson Canyon: 2469 mt
MAAA Total: 7,117

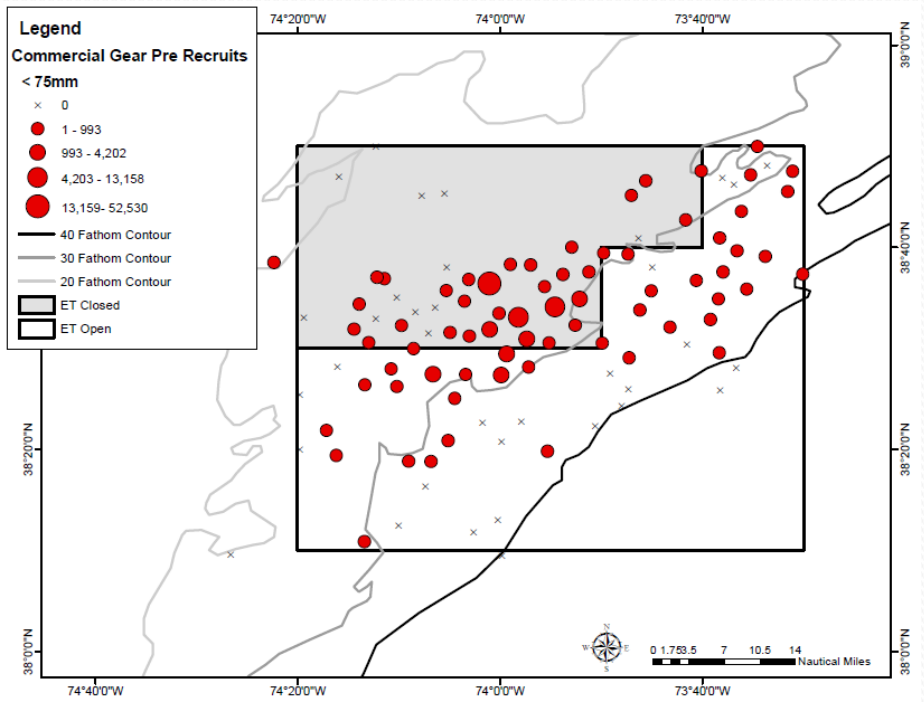
Elephant Trunk & MAAA

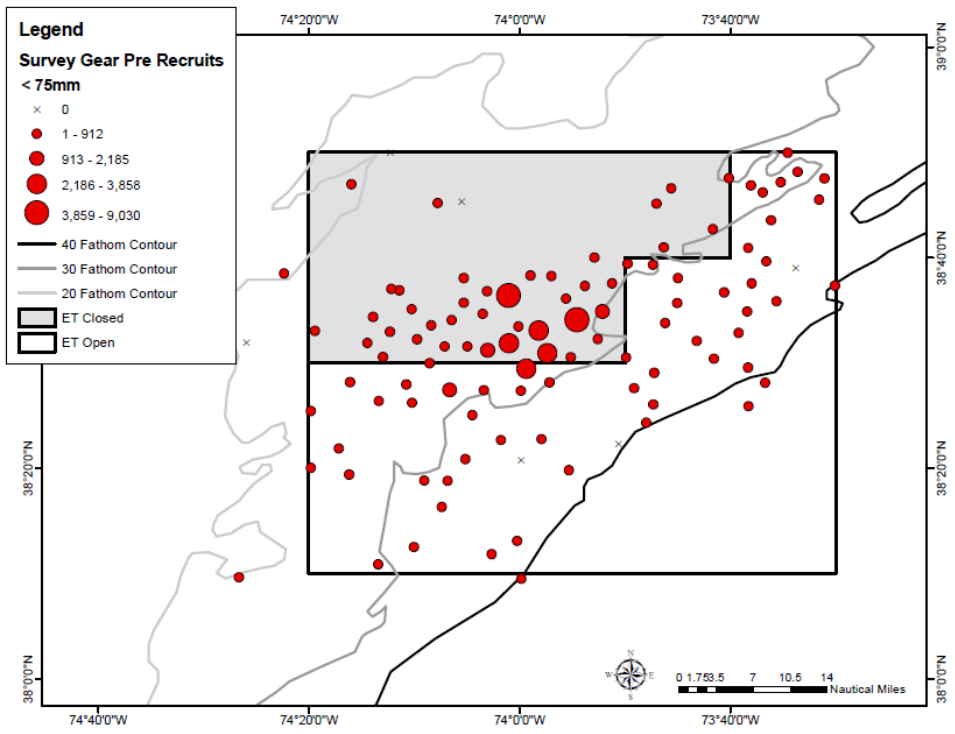
Projected Landings at F=0.38
ET Closed: 8,761 mt





VIMS 2016 Dredge Survey –
Pre-Recruits (<75 mm) in ET Open and Closed

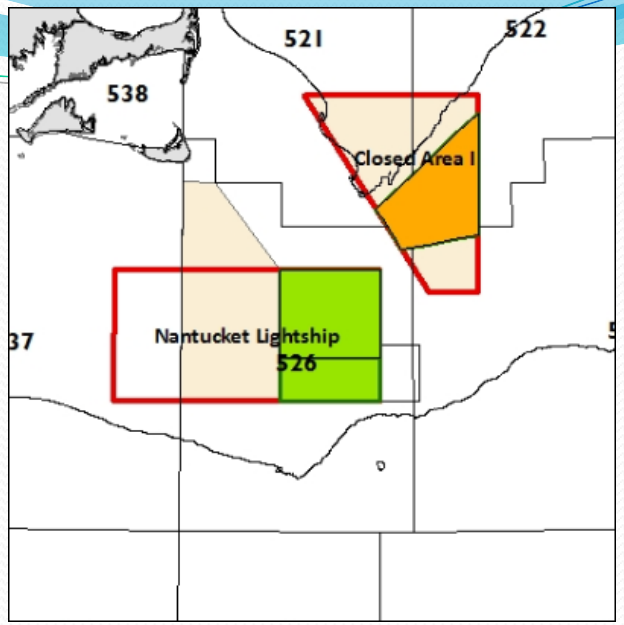




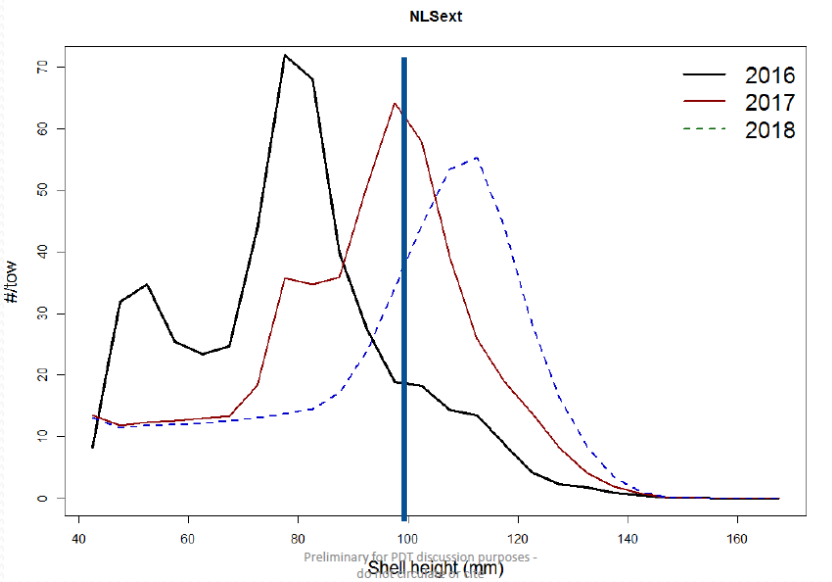
AP & PDT Discussion of ET Closed and MAAA

- PDT and AP support for protecting small scallops, recognition of no sign of incoming recruitment from 2016 surveys.
- Some members of the PDT strongly support keeping the ET Rotational Closures closed for another year.
  - Growth potential for animal in this area is significant.
  - Close area for 3rd year of rotational closure (the area was closed in Dec. 2012 before rotational closure put in place).
- Some concern on AP that two trips in MAAA (with ET closed would lead to high grading), larger scallops worked on the last two years. Looking at 20-30 counts.
- Some PDT and AP members noted larger animals in the ET Closed, similar length frequencies between ET Open and ET closed, and relatively large projected landings for the area

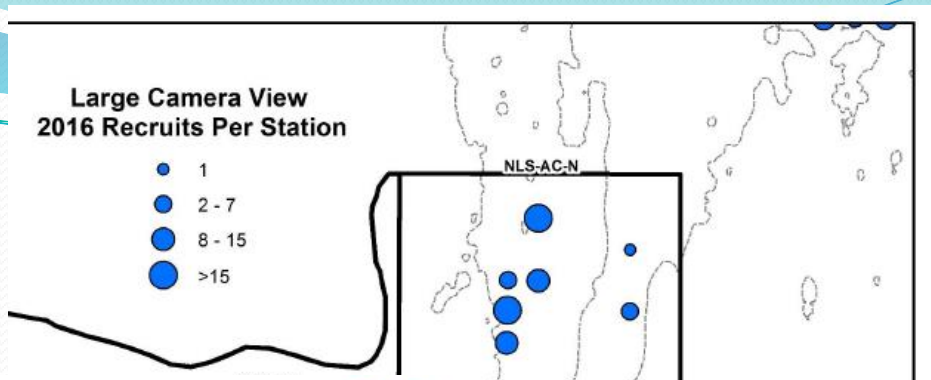
NLS Extension

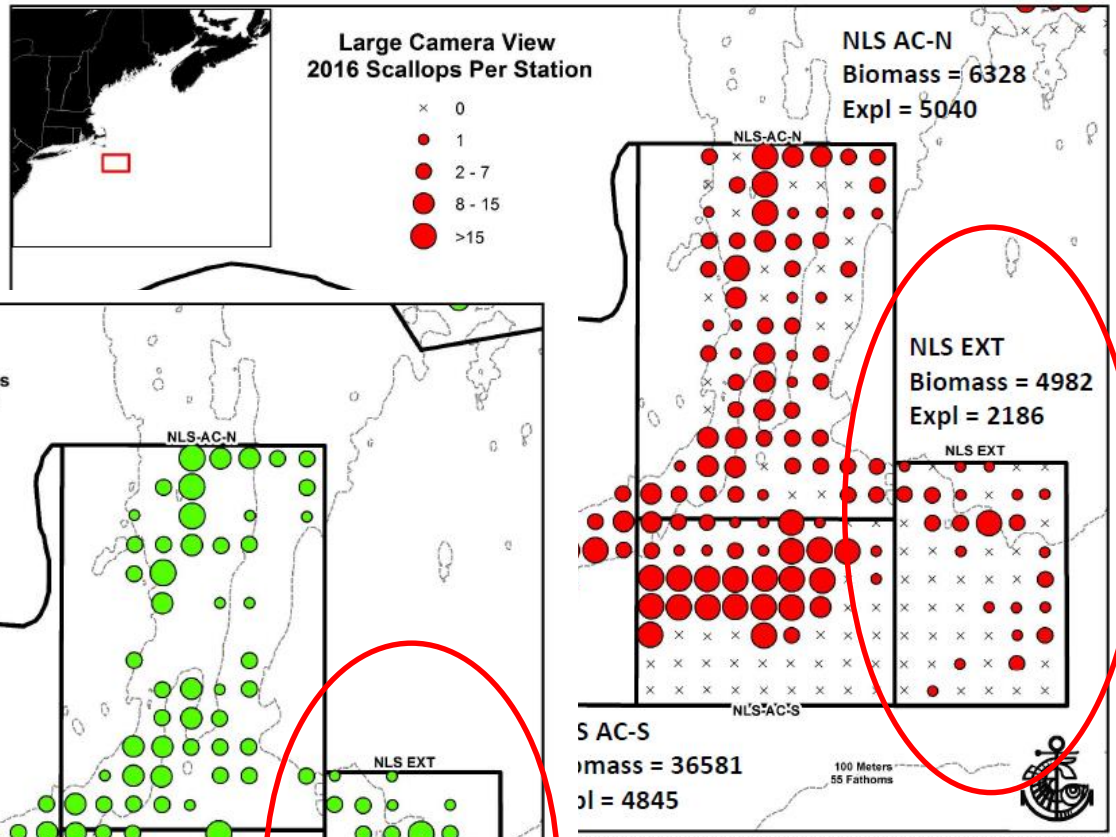


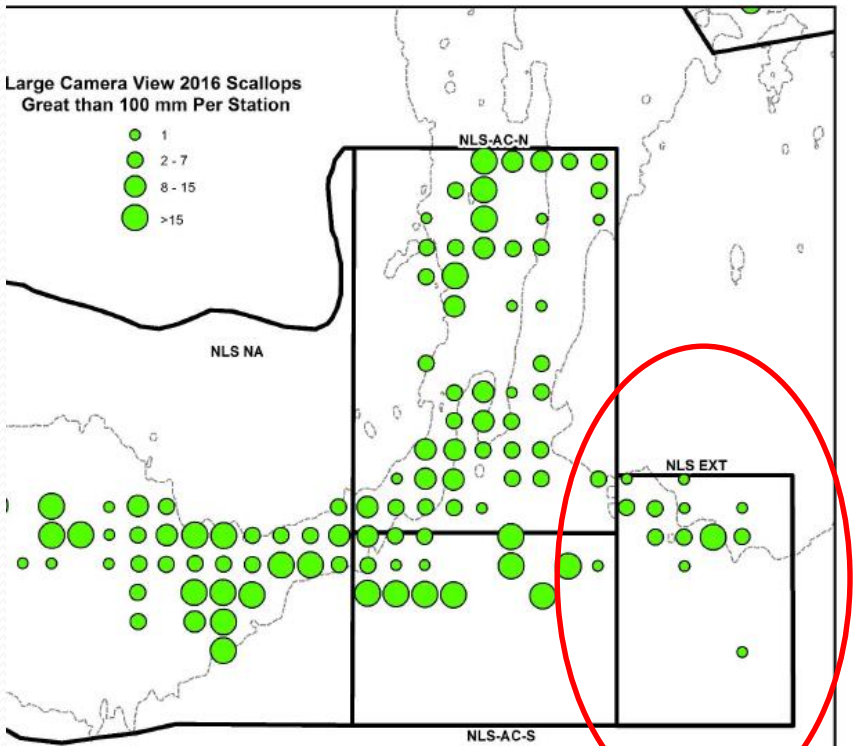
- Basic Run and Basic Run + ETC Flex Option re-opens the NLS extension as open bottom. (Closed for 2 years)
- SAMS model is predicting an LPUE of 2,900 lbs per day from this area, and thinks F will be ~0.65.
- 2017 landings from NLS-ext expected to be ~4 million lbs (1,900 mt).
- Closing this area would reduce the average OpLPUE, FT DAS by 3 (keeping F constant), and overall projected landings.
- Animals will be 5 years old next year, expected to be ~20 counts in shallower portion, with some additional growth potential.



NLS-Extension







Impacts: Flatfish Bycatch Estimates

- Scallop PDT met on Oct. 28 to discuss bycatch esimates.
- The projections are forecasts (with error) and should not be taken as precise estimates.
- Preliminary estimates for GB YT, Northern Windowpane, Southern Windowpane, and SNE/MA YT flounder for Basic Run and 30 DAS (F=0.44) assuming spatial management.

SNE/MA Yellowtail Flounder	Bycatch Estimate (mt)
Basic Run and 30 DAS est.	**11.9**
Southern Windowpane Flounder	Bycatch Estimate (mt)
Basic Run and 30 DAS est.	**85.08**

Georges Bank Yellowtail

- D:K ratio from 2014 (from last opening)
- GBYT bycatch projection ~2x the likely sub-ACL
- Scallop PDT believes 62.8 to be an overestimate as 2014 data is likely not representative of current GBYT status (based on recent TRAC assessments)

2017 Projections	Bycatch Estimate (mt)
Georges Bank Open	12.7
Closed Area II South	50.1
TOTAL GBYT ESTIMATE	**62.8**
Likely ABC (16% of US ABC)	~33 mt

Measures to reduce bycatch/incentivize avoidance of GB YT:

- Zero possession/prohibition of retention
- Seasonal Closure of CAII AA from Aug. 15 – Nov. 15
- SMAST bycatch avoidance program in place for 2017
- Prohibition of RSA compensation fishing in CAII (1.25 million lbs)
- 10" twine top to allow escapement of flatfish from dredge

Northern Windowpane

- D:K ratio from 2014 (from last opening)
- Scallop PDT believes that 107.4 may be a lower bound of possible bycatch if the Georges Bank Open is an underestimate
- FY2015 Georges Bank Open estimate was over 100 mt.

2017 Projections	Bycatch Estimate (mt)
Georges Bank Open	27.6
Closed Area II South	79.8
TOTAL NWP ESTIMATE	**107.4**
Council considering sub-ACL	

Issues to Clarify

Issues to Clarify

1. **State Waters Catch**
   - A15 identified 160,000 pounds based on recent catch
   - This is catch from areas outside of the survey area and not included in the OFL/ABC; does not impact federal catch levels.
   - Estimated total is the combined total of vessels with federal permits fishing in state waters and vessels without federal permits fishing in state waters.
   - **PDT reviewed state water catch and recommends that the state waters estimate be updated to reflect the average harvest levels over the last three years.**

Fishing Year	Estimated Total Landings
2011	941,791
2012	654,966
2013	271,568
2014	622,745
2015	536,618
Last 3 Year Average	*476,977*

Issues to Clarify

2. **Default Measures for FY2018 – Page 20 of Doc.2**
   - FY2018 begins on April 1 (not March 1)
   - PDT Recommendation:
     - For LA Vessels – 75% of projected DAS, and 1 access area trip at 18,000 lbs in the Mid-Atlantic.
     - For LAGC vessels – 75% of 2017 allocations
   - AP/CTE need to specify default measures for FW28
     - Agree with PDT or suggest another approach.

Issues to Clarify

2. **PT allocations – PDT input on Pages 3-4 of Doc.9**
   - Likely PT allocations: 28,800 lbs of AA lbs and ~12 DAS
   - Majority of PT fleet homeported in Mid-Atlantic
   - PDT Recommendation:
     - Two (2) AA trips at 14,400 lbs per trip
     - PT vessels may take up to one (1) of these trips in NLS, CAII, or ETC (if opened), or up to two (2 – both trips) in the MAAA

   - AP/CTE need to specify PT allocations for FW28
     - Agree with PDT or suggest another approach.

Framework 28 Measures

Section 2.1 – OFL and ABC

- PDT met on October 6 to update OFL/ABC estimates using 2016 survey data.
- PDT recommended using a finer scale SH/MW estimate based on the 2016 VIMS dredge survey to account for anomalously slow growth, specifically in portions of the NLS.
- PDT recommended setting 12 month OFL and ABC at 2017 estimate for both years, and prorating FY2017.

Section 2.1 – OFL and ABC

- SSC Approved PDT Recommendation. Only prorate the 2017 to account for 13 month fishing year.
- Current proration is 13/12ths (108% of 12 month estimate)
- SSC discussed using March fishery data (~4.7% increase – See Doc.2 page 32)
- SSC requested additional documentation of PDT's work

FY	OFL (including discards at OFL)	ABC (including discards)	ABC available to fishery (after discards removed)
2017	75,485	61,741	46,737
2018 (default)	69,678	56,992	43,142

Section 2.1 – OFL and ABC

Section2.1	OFL and ABC		PDT Pref.	AP Pref.	CTE Pref.
2.1.1	Alt. 1	No Action for OFL and ABC			
2.1.2	Alt. 2	Updated OFL and ABC for FY2017 (13 month FY) and FY2018	**		

- AP/CTE input on Preferred Alternative
- PDT supports updating OFL/ABC

Section 2.2 - Northern Gulf of Maine TAC

- **See Doc.2, pp.46-50**
- Alt 2. Approach based on FY2016 landings data and the NGOM Survey
  - (Ratio of GC landings/LA landings) x (NGOM biomass estimate)
- TAC Options
  1. Alt 1 - Status Quo: 70,000 lbs
  2. Alt 2 Sub-Option 1: 95,000 lbs
  3. Alt 2 Sub-Option 2: 111,000 lbs
- Correspondence: Several permit holders suggesting 95,000 lb TAC
- Overages in FY2015 and FY2016 (~20k lb combined overage)
  - AM is a pound for pound payback
- FY2017 TAC range after payback: ~50,000 lbs to ~90,000 lbs

Section 2.2 - Northern Gulf of Maine TAC

Section 2.2	Northern Gulf of Maine TAC		PDT pref.	AP pref.	CTE pref.
2.2.1	Alt. 1	No Action (70,000 lb TAC)			
2.2.2	Alt. 2	NGOM TAC based on survey and catch data			
2.2.2.1	Alt. 2 Sub-Option 1	NGOM TAC of 95,000 lbs		**	
2.2.2.2	Alt. 2 Sub-Option 2	NGOM TAC of 111,000 lbs			

AP Support for Alt. 2, Sub-Option 1, set NGOM TAC at 95,000 lbs

Section 2.3 – Spatial Management

Section 2.3	Applying Spatial Management to Specification Setting Process		PDT Pref.	AP Pref.	CTE Pref.
2.3.1	Alt. 1	No Action			
2.3.2	Alt. 2	Fishery Allocations based on Spatial Management	**	**	**

- AP support for Alt. 2 in Sept.
- Committee support for Alt. 2 in Sept.
- PDT recommends Alt. 2

Section 2.3 – Spatial Management

ONLY if NO ACTION (2.3.1) is selected

2.3.1	**Alt. 1**	**No Action (set IFQ quota at 5.5% of ACL)**	PDT Pref.	AP Pref.	CTE Pref.
2.3.1.1	Overall Fishery Specifications under Status Quo				
2.3.1.1.1	Alt. 1	Basic Run at 30 DAS (F=0.46), IFQ at 5.5 mil. Lbs			
2.3.1.1.2	Alt. 2	Basic Run + ETC Flex Option at 30 DAS (F=0.46), IFQ at 5.5 mil. Lbs			
2.3.1.1.3	Alt. 3	Status Quo (FY2017 measures from FW27), IFQ at 4.4 mil. Lbs			
2.3.1.1.4	Alt. 4	No Action (FY2017 Default measures from FW27), IFQ at 4.4 mil. Lbs			
2.3.1.1.5	Default measures for FY2018				

Section 2.3 – Spatial Management

ONLY if SPATIAL MANAGEMENT (2.3.2) is selected

	Framework 28		PDT Preferred	AP Preferred	CTE Preferred
2.3.2	**Alt. 2**	**Fishery Allocations Based on Spatial Management**	**F=0.4	**	**
2.3.2.1	Overall Fishery Specifications under Spatial Management (5.5% of PL)				
2.3.2.1.1	Alt. 1	Basic Run			
2.3.2.1.1.1	Alt. 1 Sub-Option 1	30 DAS (F=0.44), IFQ at 2.58 mil. Lbs			
2.3.2.1.1.2	Alt. 1 Sub-Option 2	27.56 DAS (F=0.40), IFQ at 2.47 mil. Lbs			
2.3.2.1.1.3	Alt. 1 Sub-Option 3	32.44 DAS (F=0.48), IFQ at 2.68 mil. Lbs			
2.3.2.1.2	Alt. 2	Basic Run with Elephant Trunk Rotational Flex Option			
2.3.2.1.2.1	Alt. 2 Sub-Option 1	30 DAS (F=0.44), IFQ at 2.58 mil. Lbs			
2.3.2.1.2.2	Alt. 2 Sub-Option 2	27.56 DAS (F=0.40), IFQ at 2.47 mil. Lbs			
2.3.2.1.2.3	Alt. 2 Sub-Option 3	32.44 DAS (F=0.48), IFQ at 2.68 mil. Lbs			
2.3.2.1.3	Default Measures for FY2018				

PDT supports OpDAS at F=0.4

PDT was mixed on Basic Run vs. Basic w/ ETC Flex Option

Section 2.3 – LAGC IFQ AA Allocations

- **See Doc.2b, pp. 2-4**
- Decision 1: How to allocate IFQ AA trips?
  - Alt 1. – TABLE 1 - Default Trips (851 trips)
  - Alt 2. – TABLE 2 - Same proportion of AA allocation as LA
  - Alt 3. - TABLE 3 – 5.5% of AA allocation
- Decision 2: Where to allocate those trips to?
  - Alt 1. – Equal distribution to all open Aas
  - Alt 2. – Equal split by AA, prorate CAII evenly to open AA
  - Alt 3. – Equal split by AA, prorate 50% of CAII to NLS and 50% to MAAA/ETC

Section 2.3 – LAGC IFQ AA Allocations

Fishery Allocations to the LAGC IFQ Component		PDT Preferred	AP Preferred	CTE Preferred
Allocation of the LAGC IFQ Trips in Access Areas				
Alt. 1	No Action (851 trips, default measure			
Alt. 2	Same AA proportion as LA			
Alt. 3	5.5% of overall AA allocations			
LAGC IFQ Allocations by area				
Alt. 1	Equal Disctribution to All Access Areas			
Alt. 2	Equal split by AA, prorate CA2 to evenly to other AA			
Alt. 3	Equal split by AA, prorate CA2 50% to NLS & MAAA/ETC			

NEED AP and CTE Input

Section 2.4 – Proration of allocation to account for 13 month FY in 2017

- Only prorate the 2017 to account for 13 month fishing year.
- Only applies to LA DAS and the corresponding IFQ quota.
- Alt. 1 – No Action, keep 12 month allocations as is
- Alt. 2 – Use13/12ths (108% of 12 month estimate)
- Alt. 3 – Use March fishery data (~4.7% increase – See Doc.2 page 32)

- NEED TO CLARIFY – Should this apply to NGOM TAC?

Section 2.4 – Proration of allocation to account for 13 month FY in 2017

FY2017, 12 month fishing year											
	Approach to setting Specifications	No Action (IFQ at 5.5% of ACL) **Section 2.3.1**				Applying Spatial Management to Spec Setting (IFQ at 5.5% of PL) **Section 2.3.2**					
						Basic Run Options			Basic Run + ETC Flex Options		
a	FW 28 Measure	2.3.1.1.1	2.3.1.1.2	2.3.1.1.3	2.3.1.1.4	2.3.2.1.1.1	2.3.2.1.1.2	2.3.2.1.1.3	2.3.2.1.2.1	2.3.2.1.2.2	2.3.2.1.2.3
b	Description	Basic Run and 30 DAS	Basic Run + ETC Flex at 30 DAS	Status Quo From FY2016 (FW27)	No Action	Basic Run and 30 DAS	Basic Run and DAS set at F=0.4	Basic Run and DAS set at F=0.48	Basic Run + ETC Flex at 30 DAS	Basic+ETC Flex and DAS set at F=0.4	Basic+ETC Flex and DAS set at F=0.48
d	Landings (mil lbs)	52.4	52.4	47.7	35.6	49.2	47.3	51.1	49.2	47.3	51.1
h	IFQ Quota (% share)	5.5 mil (10.5%)	5.5 mil (10.5%)	4.4 mil. (9.4%)	4.4 mil. (12.5%)	2.58 mil. (5.5%)	2.47 mil. (5.5%)	2.68 mil. (5.5%)	2.58 mil. (5.5%)	2.47 mil. (5.5%)	2.68 mil. (5.5%)
j	**FT LA DAS**	**30**	**30**	**34.55**	**34.55**	**30**	**27.56**	**32.44**	**30**	**27.56**	**32.44**
Options for Allocations Based on a 13 Month FY (Section 2.4). Increase by 8% is based on additional length of year (13/12ths), Increase by 4.7% is based on recent DAS and IFQ quota usage in March. Values below represent the total allocations for FY2017 based on pro-rating for a 13 month FY. Access Area allocations will not be pro-rated.											
v	13 Month LA DAS (8%)	32.4	32.4	37.314	37.314	32.4	29.7648	35.0352	32.4	29.7648	35.0352
w	13 Month IFQ (8%)	5.64 mil. Lbs	5.64 mil. Lbs	4.58 mil. Lbs	4.58 mil. Lbs	2.69 mil. Lbs	2.57 mil. Lbs	2.8 mil. lbs	2.69 mil. Lbs	2.57 mil. Lbs	2.8 mil. lbs
x	13 Month LA DAS (4.7%)	31.41	31.41	36.17385	36.17385	31.41	28.85532	33.96468	31.41	28.85532	33.96468
y	13 Month IFQ (4.7%)	5.6 mil. lbs	5.6 mil. lbs	4.55 mil. lbs	4.55 mil. lbs	2.64 mil. Lbs	2.53 mil. Lbs	2.75 mil. Lbs	2.64 mil. Lbs	2.53 mil. Lbs	2.75 mil. Lbs
NOTE: All DAS allocations will be adjusted to allow for flexibility provided under FW26 for vessels to declare out of the fishery at Cape May and steam off the clock. The DAS reduction is 0.14 for FT LA vessels and 0.06 for PT LA vessels.											

Section 2.4 – Proration of allocation to account for 13 month FY in 2017

Section 2.4	Proration of Allocation to Account for 13 Month FY in FY2017		PDT Preferred	AP Preferred	CTE Preferred
IMPORTANT! Alts. 2 and 3 in this measure increase the 12-month DAS and IFQ allocations from Section 2.3 to account for a 13-month FY by either 8% or 4.67% respectively.					
2.4.1	Alt. 1	No Action, Base Allocations on 12 month FY			
2.4.2	Alt. 2	Prorate allocations for a 13 month FY by 13/12ths (8%)			
2.4.3	Alt. 3	Prorate allocations for a 13 month FY by March data (4.7%)	**		

PDT supports Alt. 3 (+4.7%)

Section 2.5 – Additional Measures to Reduce Fishery Impacts

- Measure focuses on RSA compensation fishing.
- AP and CTE refined Alt. 3 over last two meetings.
- Alternative 3 considers restrictions on RSA compensation fishing in FY2017
  - NGOM Management Area
  - Nantucket Lightship Access Area
  - CA II (yellowtail)
  - Elephant Trunk Rotational Closure Area (if opened)
- This leaves the following areas available for compensation fishing:
  - MAAA
  - Open Area

Section 2.5 – Additional Measures to Reduce Fishery Impacts

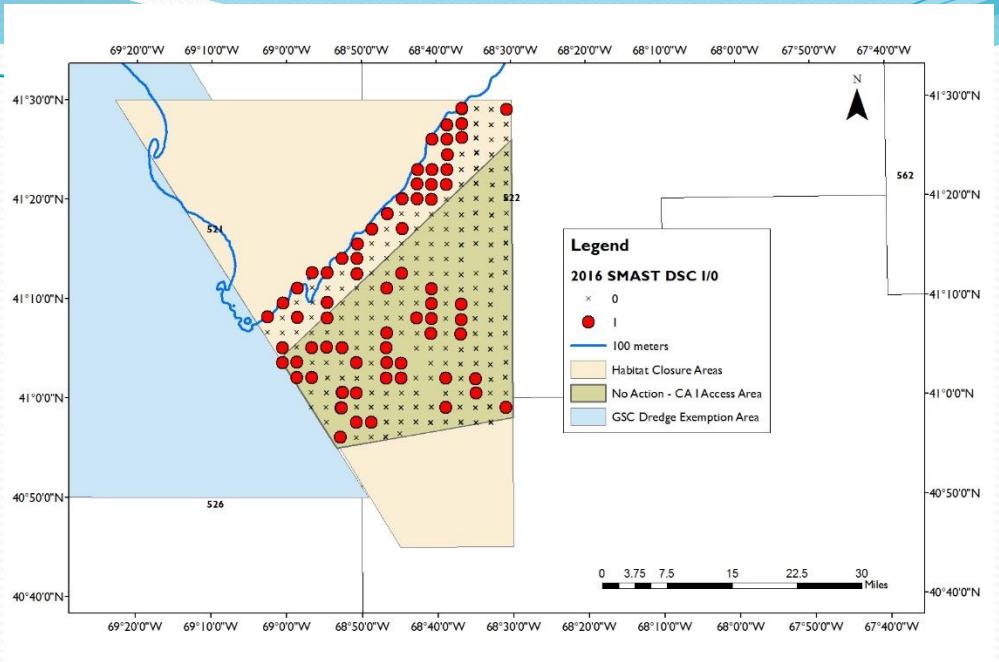
Section 2.5	Measures to Reduce Fishery Impacts		PDT Pref.	AP Pref.	CTE Pref.
2.5.1	Alt. 1	No Action, RSA Comp fishing restricted to open areas			
2.5.2	Alt. 2	RSA Comp fishing available in all areas open (incl. AA)			
2.5.3	Alt. 3	RSA Comp only in MAAA and open area (exlcuding NGOM)	**		

- AP/CTE developed Alt. 3
- PDT supports Alt. 3

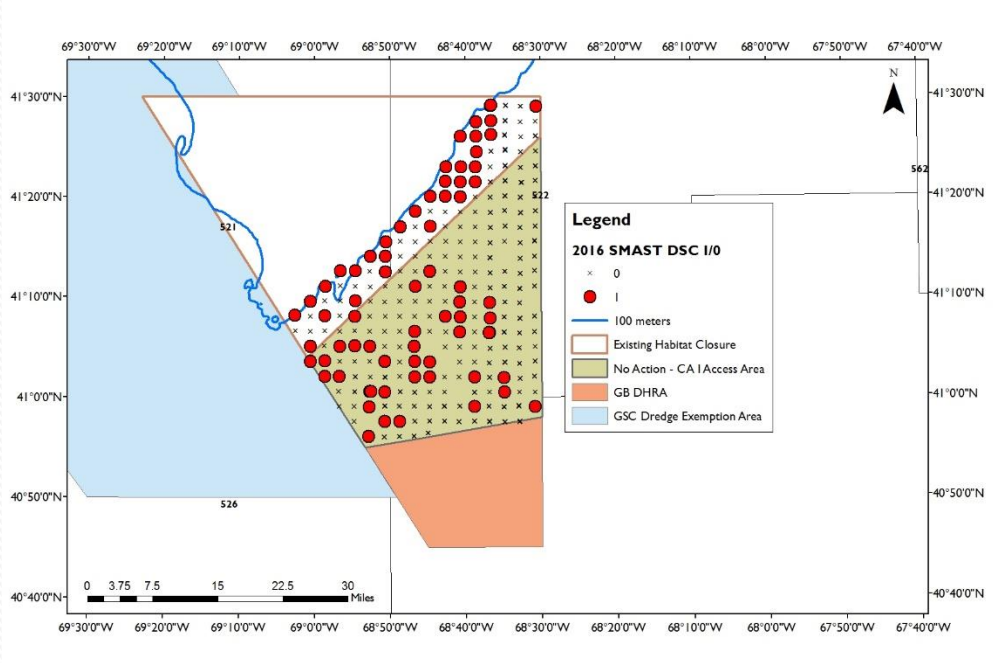
Section 2.6 – Modify CAI AA Boundary

- Majority of the biomass within groundfish CA I is in the habitat management area north of the CAI AA.
- Two potential re-configurations (Alt. 2 and Alt. 3)
- Changes to the AA boundary are contingent upon the approval of OHA2, which is not expected until sometime mid-year 2017.
- Alt. 2 would only open the southern portion of the CAI N HMA, which excludes some biomass in the northern portion.
- Alt. 3 would expand the CAI AA to the entire HMA, which would allow all LA and LAGC IFQ vessels to fish the area if it opens. Scallops have only been observed in the shallower portion of the area, and scallop fishing effort in the deeper portion of the current HMA is expected to minimal.

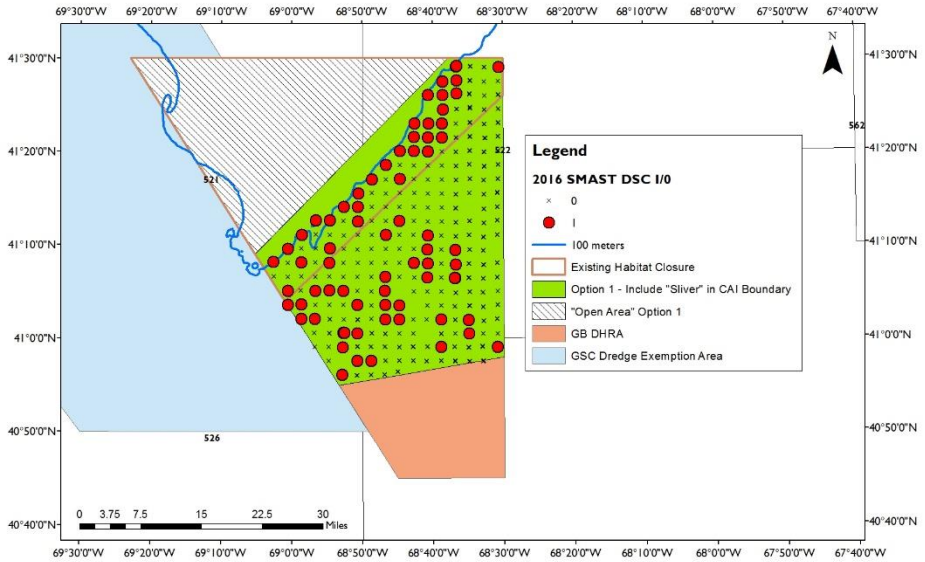
Alt. 1, Current Status, No Action



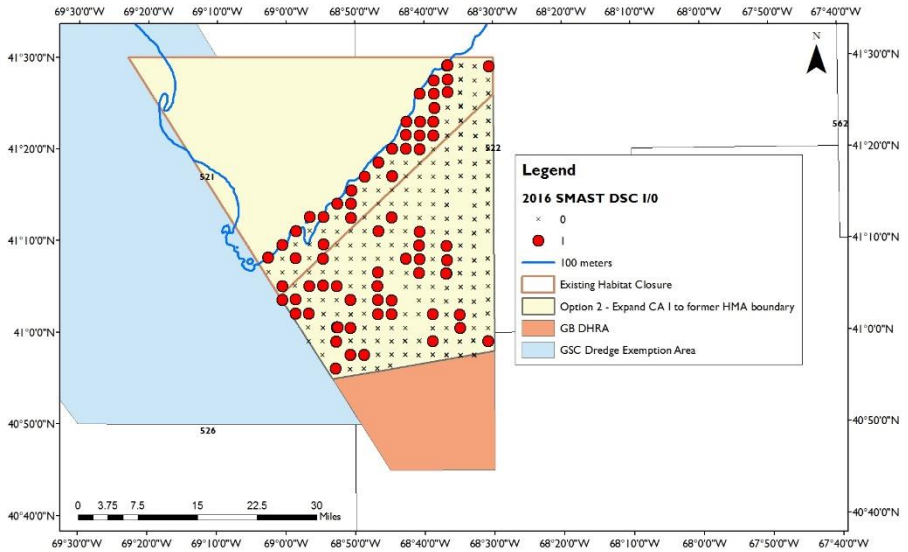
No Action, Council Preferred OHA2



Alt. 2, extend boundary to include “sliver”



Alt. 3, expand CA I AA to former HMA (formerly ‘Option 2’)



Section 2.6 – Modify CAI AA Boundary

Section 2.6	Modifications to Closed Area I Access Area Boundary		PDT Pref.	AP Pref.	CTE Pref.
2.6.1	Alt. 1	No Action			
2.6.2	Alt. 2	Expand CAI to include the "sliver" area to the north			
2.6.3	Alt. 3	Expand CAI to include all of CAI N HMA ("option 2")		**	**

- AP and CTE support Alt. 3

Section 2.7 - Closed Area I Access Area Allocation

- Allocation of ~1.6 million carryover CA I lbs
- Allocation would be contingent upon the approval of OHA2 and the modification of CA I boundary
- Allocation would be in addition to 2017 allocations, and only for vessels with LA carryover lbs
- Need to clarify window of time for harvest (2017 only? 2 years?)

# of Vessels	Under-harvested (lb)
129	0-100
22	101-200
11	201-300
9	301-400
9	401-500
7	501-600
5	601-700
7	701-800
4	801-900
7	1000-2000
6	2001-4000
5	4001-6000
4	8000-10000
8	10001-15000
10	16000-19000
5	25000-35000
4	35001-36000

Section 2.7 - Closed Area I Access Area Allocation

Section 2.7	Closed Area I Access Area Allocations		PDT Pref.	AP Pref.	CTE Pref.
2.7.1	Alt. 1	No Action			
2.7.2	Alt. 2	Allocation existing LA carryover pounds to CA I in FY2017			

- PDT Input: Area is ready for opening ***if*** the biomass in the CAI HMA N becomes available and the AA boundary changes.
- Meat yields typically decline in this area in the fall. Timing of opening should be a consideration if the OHA2 Final Rule is delayed.

Anything to move to considered and rejected?