

Final Action, NEFMC Meeting,  
Newport, RI

September 29, 2010

Amendment 15 to the Sea Scallop FMP

# AP & Cte Meetings – September 22 & 23, 2010

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## ▶ AP covered:

1. ACL related measures (flowchart, management uncertainty buffers, AMs)
2. General category measures (rollover, poss limit, max% per vessel, quota splitting, and CFAs)
3. Several stacking/leasing alternatives (specifically adjustment range %, de-stacking, CPH, and catch history)
4. Other alternatives (OFD, FY, RSA, EFH etc.)

## ▶ Committee:

1. Reviewed written comments
2. Reviewed PDT and AP input
3. Clarified outstanding issues
4. Recommended preferred alternatives

## ▶ Motions updated in Doc#5 and Doc #9

# Meeting materials for Final Action

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1. A15 DEIS
2. A15 written comments
3. Summary of written comments
4. Summary of oral comments at 6 public hearings
5. Decision document (*updated version handed out yesterday*)
6. Draft Scallop Committee summary – September 7, 2010
7. Additional analyses of impacts on other fisheries
8. Correspondence
9. Draft Committee motions and rationale – September 23, 2010
10. This presentation
11. Updated YT AM section – based on comments from GF PDT

# Objective 1: ACLs and AMs

## ACL Structure

IF ACLs were in place (2010 allocations)

ABC (with discards)	65,200,000
discards	-7,414,146
ABC	57,785,854

- OFL > ABC = ACL > ACT
- OFL reduced by catch from state permitted vessels and NGOM ACL
- ABC control rule set by SSC based on F rate with 25% chance of exceeding OFL

(incidental)

-50,000

-1,733,576 (set-asides)

ACL	56,002,278
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- ABC = ACL, Catch from incidental permits and set-asides removed first
- Total ACL sub-divided into LAGC and LA before management uncertainty factored in

LA sub-ACL

94.5%  
52,922,153

5.5% LAGC sub-ACL  
3,080,125

### ACT

#### Management uncertainty

25% P.E. ACL  
46,306,884

10% less  
47,629,938

0  
3,080,125

5%  
2,926,119

# Objective 1: ACLs and AMs

- ▶ **Decision 1 - Do you agree with the ACL structure described in Section 3.2.3.2 and depicted in Figure 1 – p.44?**
  - ▶ **AP:** Motion 1. Hughes/Gutowski; The AP agrees with the new ACL definitions and flowchart as they are consistent with current law. Vote 11:0:0.
  - ▶ **Committee:** Motion 1: Robins/Tooley: Move to recommend adoption of the ACL/ACT/ABC structure identified and described in sections 3.2.3.2 through 3.2.3.8 of Amendment 15, together with the proposed sub-ACLs, ACTs, structural flowchart, and related methods to account for discards, incidental catch, Northern Gulf of Maine catch, state waters catch, and other sources of mortality (Decision 1 in decision document). Vote: 7:0:0
  - ▶ Motion 2: Robins/Avila: Move to recommend adoption of the ABC control rule in section 3.2.3.7.3, so that the ABC will be set at a fishing rate that has a 25 percent probability of overfishing. Vote: 7:0:0
- ▶ Page 2 of decision document

# Objective 1: ACLs and AMs

## ▶ **Decision 2a and 2b** – management uncertainty buffers

*What should the buffer be for each fishery?*

### ▶ LA fishery

- ▶ LA sub-ACT set at F rate with 25% chance of exceeding ABC
- ▶ LA sub-ACT set 10% lower than total ABC

### ▶ LAGC fishery

- ▶ LAGC sub-ACT = LAGC sub-ACL – zero% buffer
- ▶ LAGC sub-ACT set between zero and 5% below LAGC sub-ACL

▶ **PDT:** LA: policy decision but 25% alternative more scientifically based, LAGC: more than 0% could be justified to account for spatial issues

▶ **AP:** Motion 2. Enoksen/Larsen; AP should select Option 1 – use 25% probability of exceeding ACL. Vote 8:1:2.

Motion 3. AP support a 0% buffer for LAGC ACT for management uncertainty. Vote 11:0:0.

# Objective 1: ACLs and AMs

## ▶ **Decision 2a and 2b, continued**

### ▶ **Committee:**

Motion 3: Robins/Berg: Move Option I in section 3.2.3.8.1 as the preferred alternative, establishing the LA ACT at an F rate with a 25% probability of exceeding the LA ACL to account for management uncertainty.

Vote: 7:0:0

Motion 4: Robins/Tooley: Move Option I in section 3.2.3.8.2 as the preferred alternative, establishing the LAGC ACT equal to the LAGC ACL with no buffer.

Vote: 7:0:0

▶ Page 3 of decision document

# Objective 1: ACLs and AMs

- ▶ **Decision 3a and 3b** – Accountability measures

*What should the AM be for each fishery?*

- ▶ **LA fishery**

- ▶ use of ACT

- ▶ overall DAS reduction in subsequent year

- ▶ Include a disclaimer if updated estimate of F is more than 1 SD below overall ACL

- ▶ **LAGC fishery**

- ▶ use of ACT

- ▶ IFQ reduced in subsequent year



# Objective 1: ACLs and AMs

## ▶ **Decision 3a and 3b, continued**

- ▶ **AP:** Motion 4. Gutowski/Larsen; AP adopt 3.2.3.9.1 in its entirety; the use of the ACT, overall DAS reduction in subsequent year in subsequent year and the disclaimer. General category cannot support a disclaimer that favors only one part of the fleet. Vote 7:0:4.

Motion 6. Keese/Maxwell; If the LA disclaimer is triggered then 5.5% if the catch associated with the difference between original F catch and updated F catch will be allocated to the LAGC IFQ fleet the next fishing year. The poundage will be divided among the fleet the same way total LAGC quota is divided now. Vote 9:0:2.

# Objective 1: ACLs and AMs

## ▶ **Decision 3a and 3b, continued**

- ▶ **Committee:** Motion 5: Robins/Berg: Move to recommend adoption of the Limited Access AMs described in section 3.2.3.9.1 of Amendment 15, including: (1) use of an ACT, (2) overall DAS reduction in the subsequent year to account for overage, and (3) include disclaimer for when LA AM would not be triggered. Vote: 7:0:0

Motion 6: Robins/Berg: Move to recommend adoption of the General Category AMs in section 3.2.3.9.2 of Amendment 15, including: (1) use of an ACT, (2) IFQ reductions in subsequent year if IFQ is exceeded. Vote: 7:0:0

Motion 7: Robins/Avila: Move to recommend adoption of the NGOM AMs in section 3.2.3.9.3 of Amendment 15, including reducing the hard TAC in the subsequent year to account for an overage. Vote: 7:0:0

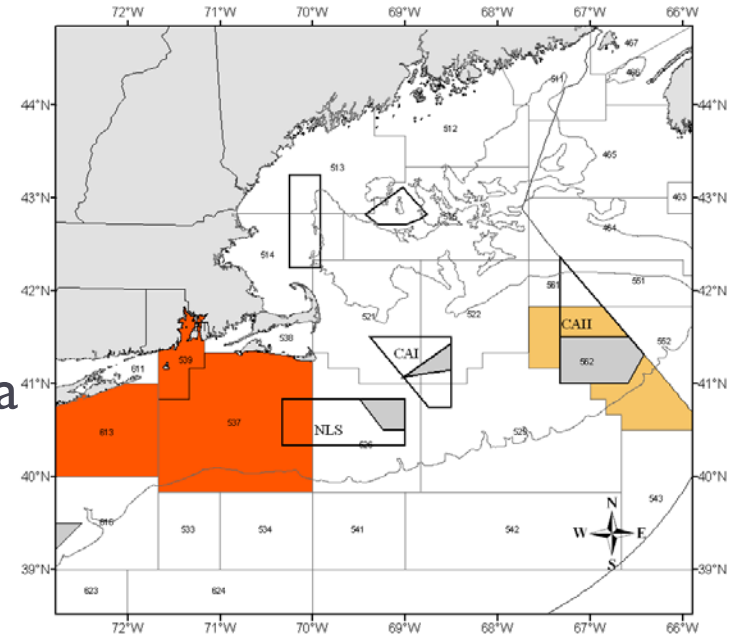
- ▶ Page 4 of decision document

# Objective 1: ACLs and AMs

## ▶ **Decision 3d** - YT accountability measure

*What should the AM be for the YT sub-ACL?*

- ▶ Seasonal closure of portion of stock area
  - ▶ in-season
  - ▶ Year 3
- ▶ In-season closure of entire YT stock area
- ▶ Fleetwide max of DAS and fleetwide max of quota that can be used in a YT stock area
- ▶ Individual max of DAS and individual quota that can be used in a YT stock area
- ▶ Revise the opening date of GB access areas – *moved to Considered but Rejected because future consideration in diff action*



# Objective 1: ACLs and AMs

- ▶ **Decision 3d** – YT accountability measure, continued
- ▶ Issues to clarify related to YT AMs
  - ▶ “Reachback” provision for any 2010 overage - Cmte motion
  - ▶ Determine if partial DAS rounded up or down - Cmte motion
- ▶ See separate YT document with updates and issues as well as memo from GF PDT
  - ▶ **AP:** Motion 5. Hughes/Gutowski; AP support Option B, a seasonal closure of a portion of the yellowtail stock areas in year, but with the smallest areas and time period possible. Vote 7:1:3.
  - ▶ **Committee:** Motion 8: Robins/Fair: Move to identify Option B in section 3.2.3.11.2.1.1 as the preferred alternative for the yellowtail flounder AMs, requiring a seasonal closure of a portion of the YT stock area pre-identified as having high bycatch, effective in year 3. Vote: 6:0:1
- ▶ Page 5 of decision document

# Objective 1: ACLs and AMs

- ▶ **Decision 4** – Additional monitoring requirements
- ▶ Based on the various AM alternatives – additional monitoring requirements may be needed. NMFS offered some suggestions if an in-season option is selected.
- ▶ Specific text should be considered for YT AM section to clarify how the proposed action would be monitored.
  - ▶ **Committee:** Now that final recommendations have been made for AMs, NMFS will provide more specific suggestions for monitoring requirements at the Council meeting. *See separate YT document.*
  - ▶ Page 6 of decision document

# Objective 2: Excess capacity

- ▶ **Decision 5** – *Should the Council adopt stacking and/or leasing to address excess capacity in the LA fishery?*
  - No Action
  - Stacking only
  - Leasing only
  - Stacking and leasing

*The Council selected stacking and leasing as PREFERRED, provided a fishing power adjustment is applied when DEIS was published.*

*The Council did not identify preferred alternatives for the various sub options related to stacking and leasing.*

# Objective 2: Excess capacity

## ▶ **Decision 5 - Stacking and leasing, continued**

- ▶ **AP: Motion 12.** Enoksen/Hughes; AP recommends that both stacking and leasing alternatives be preferred provided fishing power and mortality adjustments are included.
- ▶ Main motion was split:
  - ▶ **12a.** AP recommends that stacking be identified as preferred provided fishing power and mortality adjustments are applied AND postpone consideration of de-stacking to a future action. Vote 3:5:4, fails.
  - ▶ **12b.** AP recommends that leasing be identified as preferred provided fishing power and mortality adjustments are applied; this includes leasing from CPH. Vote 5:5:2, chair votes to break tie, carries at 6:5:2.

Motion 23. Welch/Hatch: If stacking is approved and FPAs and/or mortality adjustments are adjusted by framework in the future, adjustments could only be made upwards – all higher adjustments applied in future years must be upwards from whatever value is chosen by the Council. Vote 6:3:2

# Objective 2: Excess capacity

## ▶ **Decision 5 Stacking and leasing, continued**

- ▶ **Committee:** Motion 9: Robins/; Move option 2 under Alternative 3.3.2.4 to prohibit de-stacking as preferred. Ruled out of order.

Motion 10: Tooley/ Robins; Alternative 3.3.2 to allow permit stacking be the preferred alternative under Section 3.3.

Motion to substitute: Alexander/Fair; Recommend No Action as it pertains to stacking (3.3.2) as a preferred alternative to address capacity in the limited access fishery. Vote: 4:2:1, carried

Vote on main substitute Motion: 5:2:0, carries.

Motion 11: Robins/Avila; Move to adopt leasing of DAS and/or access area trips as preferred for Amendment 15 (Alternative 3.3.3). Vote: 5:2:0, carries.

- ▶ Pages 7 and 8 of decision document



# Objective 2: Excess Capacity - Fishing Power and Mortality Adjustments

- ▶ Vessels would be grouped based on HP class and length class, then adjustment is made based on how the vessels stack
- ▶ For example: If a vessel from HP:Len group 31 stacked a permit from HP:Len group 11, the stacked effort would be worth 90.3% of it's original value; i.e. 40 DAS would be worth 36.1 DAS ( $40 \times 0.903$ )
- ▶ Next an overall mortality adjustment would be applied (5-11%).  
At 11% - 36.1 DAS would be reduced to 32.1 DAS ( $36.1 \times 0.89$ )

Seller								
Buyer	HP	Length	HP:Length Group	Adj11	adj12	adj21	adj22	adj31
	<500	50-70	11	1.000	1.000	1.000	1.000	1.000
	<500	>70	12	0.958	1.000	1.000	1.000	1.000
	500-599	50-70	21	0.936	0.977	1.000	1.000	1.000
	500-599	>70	22	0.917	0.957	0.980	1.000	1.000
	600-719	50-70	31	0.903	0.942	0.965	0.985	1.000

# Objective 2: Excess capacity - stacking

## ▶ **Decisions 6 –10 - Stacking**

- ▶ *Committee did not have any motions related to permit stacking since it is no longer part of their preferred alternative.*

## ▶ **Decision 6** - Restrict stacking to 2 permits only

## ▶ **Decision 7** – Restrictions on who can stack

- ▶ All permits can stack with FPAs
- ▶ Only same permits can be stacked with no FPAs
- ▶ Same permits can stack with no FPAs and permits from different replacement criteria would have FPAs

## ▶ **Additional Decision – what should mortality adjustment be? Range is 5-11%**

- ▶ **AP: Motion 13.** Welch/Hatch; AP supports that mortality adjustment be set at 11%.
- ▶ **Motion to substitute:** Enoksen/Larsen; AP supports that the mortality adjustment be set at 9% since that is the level the PDT analyses supported with 95% confidence. Vote to substitute 6:5:1. Vote on motion as substituted 6:5:1.

## ▶ **Decision 8** – Should there be a restriction on trawl permits that stack? (once a trawl stacks with a dredge it cant go back to a trawl)

## Objective 2: Excess capacity – stacking cont

- ▶ **Decision 9** – DAS carryover provision – 10 DAS or 20 DAS
- ▶ **Decision 10** – De-stacking – yes or no?
- ▶ If de-stacking allowed need to clarify several issues raised by NMFS
  - ▶ **AP Motion 15**. Enoksen/Hughes: If stacking is adopted by the Committee or Council, de-stacking should be postponed until a future action. Vote 10:1:0
  - ▶ **Committee** motions from Sept 7 related to other fisheries and catch history of stacked permits
- ▶ **Additional Decision – restriction on vessel upgrades for vessels that participate in stacking**
- ▶ Stacking related decisions on pages 9 and 10 of decision document

# Objective 2: Excess capacity

- ▶ **Decisions 11 - 16 – Leasing – page 11 of decision doc**
- ▶ **Decision 11**- Leasing of DAS with and without FPAs and mortality adjustments
  - ▶ **AP:** Motion 13. Welch/Hatch; AP supports that the mortality adjustment be set at 11%.  
Motion to substitute: Enoksen/Larsen; AP supports that the mortality adjustment be set at 9% since that is the level the PDT analyses supported with 95% confidence. Vote to substitute 6:5:1. Vote on motion as substituted 6:5:1.
  - ▶ **Committee:** Motion 12: Robins/Avila: Committee supports Option A in Section 3.3.3.1.1 - all leasing of open area DAS would have a fishing power adjustment applied (both adjustments). Vote: 7:0:0  
Motion 13: Robins/Berg: Move to establish a Mortality Adjustment of 11 percent as a preferred alternative, in addition to the Fishing Power Adjustment factor, for all open area DAS leasing. Vote: 6:0:1

## Objective 2: Excess capacity – leasing cont.

- ▶ **Decision 12** - Catch history
  - ▶ Previous **Committee** motion from Sept 7: History goes to lessee and DAS usage history goes to lessor and leasing is on annual basis.
  - ▶ **AP:** Motion 14. Gutowski/Hughes; Catch history and DAS usage should go to the lessor (the individual leasing out effort). Vote 9:0:2.
  - ▶ **Committee:** Motion 14: Robins/Avila: Move to identify Option 2 in section 3.3.3.1.2 as the preferred alternative, requiring that the catch history and DAS usage for leased open area DAS and catch from access areas is applied to the lessor. Vote: 7:0:0

# Objective 2: Excess capacity

## ▶ **Decision 13 - Ownership cap provision**

- ▶ **AP:** Motion 21. Enoksen/Larsen; If leasing is approved, the AP supports restricting it so that vessels can only lease in the same category (Alternative 3.3.3.5, Option I), each vessel is limited to two total annual allocations (DAS and access area trips) for that permit category, and a vessel could not lease in more effort so that an individual has more than 5% of the allocation of scallop DAS and access area trips. Vote 8:1:2
- ▶ **Committee:** Motion 15: Tooley/Berg; Approve Section 3.3.3.4 regarding ownership cap restrictions as they apply to leasing. And clarify that under the first point an individual at the 5% permit ownership cap would be permitted to lease “out” not lease “in” any additional effort. Vote: 6:0:1

## ▶ **Decision 14 – Max leasing limits and other restrictions based on permit category**

- ▶ **AP:** See part of Motion 21 above
- ▶ **Committee:** Motion 16: Robins/Berg - Identify Option I in section 3.3.3.5 as the preferred alternative, restricting leasing to vessels within the same permit category and no vessel could lease in more than the net amount of one full permit in the same category, as adjusted down by any fishing power and mortality adjustments applied. Vote: 6:0:1

# Objective 2: Excess capacity

- ▶ **Decision 15** - Application requirements – no action needed
- ▶ **Decision 16** - Allow leasing from CPH and sub-leasing
  - ▶ **AP** passed a motion that included support for leasing from CPH (See Motion 12b.)  
Motion 22. Gutowski/Maxwell; If leasing is approved, sub-leasing should not be allowed. Vote 9:1:1.
  - ▶ **Committee:** Motion 17: Robins/Tooley - Move to identify Option 1 in section 3.3.3.7 as the preferred alternative, allowing leasing from permit in CPH. Vote: 7:0:0
- ▶ **Outstanding issues related to stacking**
  - ▶ If FPAs and/or mortality adjustments can change by framework what happens to permits that have already stacked? Is adjustment permanent or should it be adjusted retroactively?
  - ▶ If A15 implemented mid-year should stacking and leasing be allowed in FY2011 or not until 2012?
- ▶ **AP:** Motion 24. Hughes/Keese: If A15 is implemented mid-year, stacking and leasing should be permitted as early as possible during that fishing year. Vote 6:2:1. 23

## Objective 3: Measures to adjust other specific aspects of FMP to make more effective

- ▶ Consider revising the overfishing definition
- ▶ Minor adjustments to LAGC IFQ program
- ▶ Address EFH closed areas if EFH Action delayed
- ▶ Improve research set-aside program
- ▶ Change fishing year to May 1
- ▶ *Council selected to modify EFH areas as PREFERRED; no preferred for other alternatives in this section*



# Objective 3: Measures to make FMP more effective

- ▶ **Decision 17** – Overfishing definition
  - ▶ No Action – area averaged
  - ▶ A10 definition – time averaged
  - ▶ Hybrid – time averaged target and area averaged threshold
- ▶ **Previous Committee motion to update reference points with SAW50 results carried**
  - ▶ **PDT & SSC:** hybrid preferred by PDT. SSC endorses time averaged approach
  - ▶ **AP:** Motion 16. Fletcher/Hughes; AP supports No Action for overfishing definition. Vote 10:0:0.
  - ▶ **Committee:** Motion 23: Robins/Alexander - Option 3.4.1.3 as preferred, hybrid overfishing definition. Vote: 7:0:0
  - ▶ Page 14 of decision document

# Objective 3: Measures to make FMP more effective

## ▶ **Decisions I 8a-I 8e: General Category**

- a) Allow up to 15% IFQ rollover
  - ▶ *NMFS identified a few issues to clarify*
- b) Modify LAGC possession limit  
(No Action – 400 lb; up to 1,000 lb; or eliminate limit)
- c) Modify max quota one vessel can own (2% to 2.5%)
- d) Allow LAGC quota to be split from permit (to other LAGC permit or CFA)
  - ▶ *NMFS identified an issue to clarify*
- e) Consider implementing process to approve community fishing associations (CFAs) for LAGC permits
  - ▶ *NMFS identified long list of issues*

▶ *No preferred alternatives from Council*

# Objective 3: Measures to make FMP more effective

- ▶ **Decision 18a**: Allow up to 15% IFQ rollover
  - ▶ **AP: Motion 7**. Maxwell/Marchetti; AP supports 15% rollover of annual IFQ for LAGC IFQ vessels. Vote 10:0:2.
  - ▶ **Committee: Motion 19**: Tooley/Avila; Allow a LAGC IFQ vessel to carry over up to 6,000 pounds from one fishing year to the next. Motion withdrawn
  - ▶ **Motion 20**: Robins/Tooley; Allow a rollover of up to 15% of annual quota for LAGC vessels – Alternative 3.4.2.1.2. Clarify that 15% refers to a vessels original allocation for that year, not including any leased quota. Vote: 6:0:1, carries
- ▶ Page 15 of decision document

# Objective 3: Measures to make FMP more effective

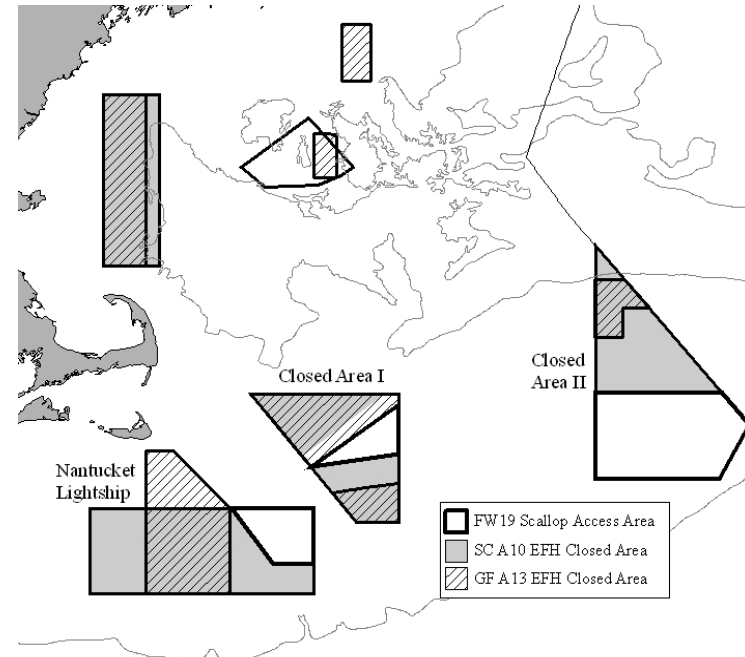
- ▶ **Decision 18b:** Modify LAGC possession limit (No Action – 400 lb; up to 1,000 lb; or no limit)
  - ▶ **AP:** Motion 8. Bailey/Maxwell; AP supports changing LAGC possession limit to 600 lbs/day. Vote 6:4:2.
  - ▶ **Committee:** Motion 18: Robins/Tooley; Modify the general category possession limit to 600 pounds. Vote: 6:0:1
- ▶ **Decision 18c:** Modify max quota one vessel can own (2% to 2.5%)
  - ▶ **AP:** Motion 9. AP supports increasing the maximum quota one vessel can harvest from 2% to 2.5%. Vote 5:4:3.
  - ▶ **Committee:** Motion 21: Supports increasing the maximum quota one LAGC vessel can harvest from 2% to 2.5%. Vote: 4:2:1
  - ▶ Page 16 of decision document

# Objective 3: Measures to make FMP more effective

- ▶ **Decision 18d:** Allow LAGC quota to be split from permit (to other LAGC permit or CFA)
  - ▶ **AP:** Motion 10. Keese/Marchetti; AP supports alternative 3.4.2.4.1 Option B – that LAGC quota can be split from permit for LAGC IFQ vessels only. Vessels with LA permits would not be able to split quota either. Vote 9:1:2.
  - ▶ **Committee:** Motion 22: Robins/Avila; Supports alternative 3.4.2.4.1 Option B – that LAGC quota can be split from permit for LAGC IFQ vessels only. Vessels with LA permits would not be able to split quota. Vote: 5:0:1
- ▶ **Decision 18e:** Consider implementing process to approve community fishing associations (CFAs) for LAGC permits
  - ▶ **AP:** Motion 11. Bailey/Maxwell; AP does not support including Alternative 3.4.2.5.2 in Amendment 15. Vote 9:0:2.
  - ▶ **Committee:** No motion.

# Objective 3: Measures to make FMP more effective

- ▶ **Decision 19:** Address EFH closed areas if EFH A2 is delayed (p.19)
- ▶ No Action – both EFH areas under A10 and A13 apply to scallop fishery
- ▶ Modify EFH areas so that only A13 EFH areas apply to scallop fishery (hatched only)
- ▶ *Council selected to modify EFH areas as PREFERRED. Rationale: improve practicability, reduce area swept in other areas so benefits for EFH, potential gain of both areas do not outweigh economic costs*



- ▶ **AP: Motion 17.** Hughes/Enoksen; AP supports modifying the EFH boundaries in A15 to make scallop EFH closed areas consistent with the EFH areas closed in the GF FMP. Vote 10:1:0.
- ▶ No new **Committee** motion, Council preferred recommendation stands – Alternative 3.4.3.2

# Objective 3: Measures to make FMP more effective

## ▶ **Decision 20**: Measures to improve RSA program (p.20)

- ▶ **PDT**: supports all measures except dividing RSA TAC between survey and other research priorities and letting unused TAC go to observer program.
- ▶ **AP**: Motion 19. Hughes/Enoksen; AP supports RSA alternatives: 3.4.4.2 through 3.4.4.5; and 3.4.4.7, 3.4.4.8.5, and 3.4.4.9 through 3.3.4.11, excluding 3.4.4.6. Clarify that the value used for 3.4.4.5 should be added to the list of frameworkable items in the FMP. Vote 10:1:1.

Motion 20. Larsen/Bailey; AP supports increasing RSA set-aside so that it is equivalent to 2.5%, rather than 2% as it is now. If total projected catch is 50 million pounds, RSA set-aside would be equal to 1,250,000 pounds. Vote 8:1:2.

Motion 27: Fletcher/Hughes: AP recommends that scallop RSA continued funding be used only for projects that fully and directly benefit the management of the scallop fishery or contribute to reductions in bycatch of groundfish by the scallop fishery. Vote: 11:0:0

- ▶ **Committee**: Motion 26: Alexander/Tooley; Committee adopt the RSA alternatives supported by the Advisory panel. In addition, the compensation time period for Alternative 3.4.4.9 shall extend one quarter into the following fishing year, and the initial RSA set-aside value shall be 1.25 million pounds.

# Objective 3: Measures to make FMP more effective

- ▶ **Decision 21**: Changing the scallop fishing year (p.22)
  - ▶ **PDT**: May 1 is preferred
  - ▶ **AP**: Motion 18. Fletcher/Welch; AP supports No Action on changing the fishing year. Vote 10:1:0.
  - ▶ **Committee**: Motion 24: Tooley/Avila - Select Alternative 3.4.5.1 as preferred, fishing year would maintain March 1. Vote: 5:1:0
- ▶ Motion 25: Goodale/Alexander: Council include an alternative in A15 to modify specification package so that a third year would be recommended until superseded by next spec package. Vote: 4:2:0