

Agenda Item F.5.a Supplemental GMT Report 2-5

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Action Items #1-20

Action Item Checklist (AIC)

Action Item #1: Updates to Selected RCA Coordinates

Action Item #2: Off the Top Deductions - Research, IOA, EFP, Recreational

Action Item #3: Off the Top Deductions - Tribal

Action Item #4: Annual Catch Targets

Action Item #5: Two-Year Trawl/Non-Trawl Allocations

Action Item #6: Rebuilding/Overfished Species Allocations

Action Item #7: Amendment 21 Trawl/Non-Trawl Allocations

Action Item #8: Harvest Guidelines/State Shares for Stocks in a Complex

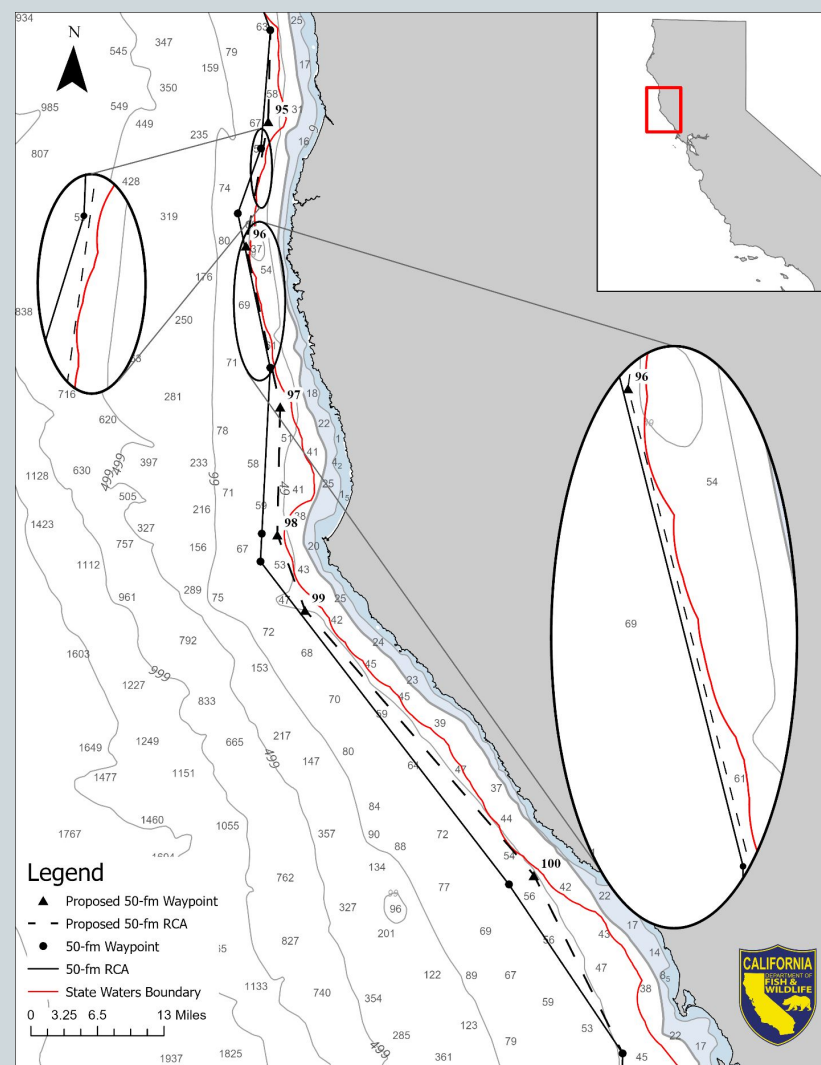
Action Item #9: At-Sea Set-Asides

Action Item #10: Within Non-Trawl HGs, ACTs, or Shares

Action Item #1 - Area Management Measures

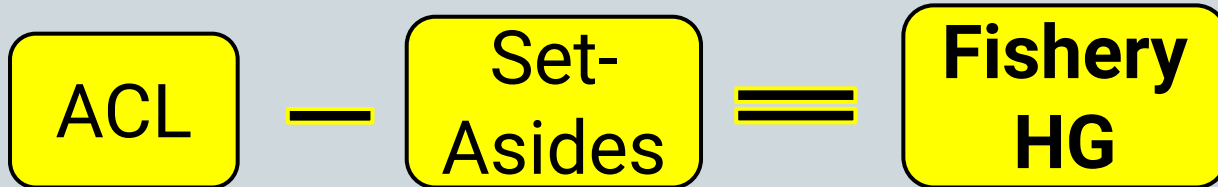
- CDFW proposed modifications would better align with the 50 fm contour.
 - Would not create any crossovers with other fathom lines or create other enforcement complexity.
- The GMT recommends as PPA adopting the proposed waypoint modifications to the 50 fathom (fm) RCA line as specified by CDFW¹

1. Agenda Item F.5.a Supplemental CDFW Report 1 April 2024



Action Item # 2 & 3 - Off-the-Top Deductions for Research, Exempted Fishing Permits, Incidental Open Access, Recreational, and Tribal

- Amount taken from the ACL to account for sectors the Council does not actively manage
 - Tribal, research, incidental open access, & EFPs
- Want to set high enough to allow those sectors to proceed without endangering the ACL



Research & IOA Set-Asides

- GMT recommended changing methodology to a 10-year rolling maximum, except in certain circumstances, in November 2023.
 - GMT determined it be more reflective of recent fishery trends research activities and IOA fisheries
- Council adopted this new methodology for incorporation into the overwinter harvest specification analysis for 2025-26

The GMT recommends adopting the Research and IOA set-asides for PPA as specified in Appendix 1 and 2 of Agenda Item F.5.a GMT Report 3

Exempted Fishing Permits (EFP)

- Under Agenda Item E.6. in November 2023, Council forwarded two EFPs for consideration
 - Neither EFP requested set-asides.
 - **GMT does not recommend any EFP set-asides as PPA for this biennium.**

Recreational Sablefish N of 36° N

- In November 2023, the Council adopted a recreational set-aside increase of 30 mt for sablefish N of 36° N. lat. for incorporation into overwinter analysis.
- **The GMT recommends the council adopt as PPA a recreational set-aside of 30mt for sablefish North of 36° N. lat. as specified in Agenda Item F.5.a GMT Report 3, Appendix 3**

Year	ACL	Tribal	Research	Rec.	EFP	Total	Non-Tribal Commercial HG
2025	28,688	2,869	59.3	30	0	2,958	25,729
2026	27,238	2,724	59.3	30	0	2,813	24,425

Copy of Appendix 3, from F.5.a Supplemental GMT Report 3

Recreational Sablefish S of 36° N

This is addressed under AIC #10

Tribal

- Based on the request from the tribes, which will allow them to manage the expected mortality in their upcoming fisheries.
- Agenda Item F.5.a., Supplemental Tribal Report 1
 - Requested set-asides are modifying from November 2023 requests.
 - Petrale sole request is reducing from 350 mt to 290 mt
 - Yelloweye rockfish is increasing from 5 mt to 8 mt
 - Starry flounder is being added in at 2 mt
- **The GMT recommends adopting the Tribal specified set-asides for PPA, as outlined in their report.**

GMT Summary Recommendations: AIC # 1-3

- **Adopt the proposed waypoint modifications to the 50 fathom (fm) RCA line as specified by California Department of Fish and Wildlife (CDFW) in F.5.a Supplemental CDFW Report 1 as PPA.**
- **Research & IOA - Adopt the Research & IOA set-asides for 2025-26 in Appendix 1 and Appendix 2 of F.5.a. Supplemental GMT Report 3 as PPA.**
- **Recreational sablefish north of of 36° N - Adopt a set-aside of 30 mt as specified in Appendix 3 of F.5.a Supplemental GMT Report 3 as PPA.**
- **Tribal - Adopt set-aside requests as outlined in F.5.a. Supplemental Tribal Report 1 as PPA.**

Questions on Action Item #1-3?

Action Item #1: Updates to Selected RCA Coordinates

Action Item #2: Off the Top Deductions - Research, IOA, ERF, Recreational

Action Item #3: Off the Top Deductions - Tribal

Action Item #4: ACTs

GMT recommends adopting the following as PPA:

- *Yelloweye rockfish*: **Remove the ACT for non-trawl fisheries, including sector-specific ACTs for the commercial non-trawl and recreational sectors.**
 - Would reduce complexity, no expected negative impacts
 - No changes in current management measures
- *Copper rockfish off CA*: **Remove the statewide ACT**
 - New proposed ACT will be discussed on next slide.
- *Quillback rockfish off CA*: **Remove the ACT**
 - Low harvest limits mean an ACT has little utility

Action Item #4: ACTs Copper Rockfish south of 34°27' N. lat.

The GMT recommends adopting the following as PPA:

- *Copper rockfish south of 34° 27' N. lat.:*
 - **Option 3: Create a within non-trawl recreational ACT south of 34° 27' N. Lat. as proposed in F.5, REVISED Attachment 2, Alternative 1, Section 2.3.3**
 - **Sub-Option 1: Consider management measures to mitigate impacts if the ACT is exceeded**

Action Item #5: Two-Year Trawl/Non-Trawl Allocations

- Updated off-the-top deductions mean updated trawl and non-trawl allocations for yelloweye rockfish and petrale sole (Table 2 of Supplemental GMT Report 4)
- Updated IFQ catch projections will be provided in June based on these and other updates to trawl allocations

Action Item #5: Two-Year Trawl/Non-Trawl Allocations: Canary Rockfish

GMT recommendations:

- *Canary rockfish*: **No Recommendation**
 - Could not identify a reallocation other than reducing the at-sea set aside to 20 mt (see AIC #9)
 - The team thinks ACL reductions should impact the various groundfish fisheries equitably

Action Item #5: Two-Year Trawl/Non-Trawl Allocations: Widow Rockfish and Petrale Sole

The GMT recommends the following as PPA:

- *Widow rockfish*:
 - **Option 2: Set the non-trawl allocation at 300 mt, with the remainder allocated to the trawl sector**
- *Petrале sole*: **Status quo trawl/non-trawl allocations**
 - **Status Quo trawl/non-trawl allocations for all other species with two-year allocations**

Questions on Action Item #4-5?

Action Item #4: Annual Catch Targets

Action Item #5: Two-Year Trawl/Non-Trawl Allocations

Action Item #6: Rebuilding/Overfished Species Allocations

The GMT recommends adopting status quo yelloweye rockfish proportions for trawl/non-trawl allocations:

- Trawl = 8%
- Non-trawl = 92%
- Not expected to be a further constraint to either sector

Year	ACL (mt)	Fishery HG (mt)	Trawl Allocation (mt)	Average Trawl Mortality 2019-2022 (mt)	Non-Trawl Allocation (mt)	Average Non-trawl Mortality 2019-2022 (mt)
2025	56.0	44.0	3.5	0.6	40.5	19.6
2026	57.0	44.8	3.6		41.2	

Action Item #6: Rebuilding/Overfished Species Allocations

The GMT does not see a need to create formal allocations, and/or sector-specific shares for the California quillback rockfish ACL.

Action Item #7: Amendment 21 Trawl/Non-Trawl Allocations

- Amendment 21 allocations can be adjusted:
 - By amending the FMP
 - During the Trawl Catch Share Program and Intersector Allocation Review (begins scoping in June 2024)
 - A-21 species can also be converted to 2-year allocation species
- Council can revisit both FMP-specified allocations and 2-year allocations at its discretion
- Table 4 in report shows updated trawl and non-trawl allocation percentages and amounts for Dover sole, shortspine thornyhead north/south, other flatfish complex, and starry flounder

Action Item #7: Amendment 21 Trawl/Non-Trawl Allocations

- If the Council chooses to remove the shortspine thornyhead management line at 34° 27' N. lat., allocations would no longer be structured according to their A-21 formulas but would maintain it as a species with an FMP-specified allocation.
- The Council could consider whether or not to keep shortspine thornyhead allocations as FMP-specified or change them to a 2-year structure.

Questions on Action Item #6-7?

Action Item #6: Rebuilding/Overfished Species Allocations

Action Item #7: Amendment 21 Trawl/Non-Trawl Allocations

Action Item #8: HGs/State Shares for Stocks in a Complex

The GMT recommends as PPA:

- *Blackgill rockfish*: **Keep allocation scheme established in the 2021-22 biennium**
- *Oregon black/blue/deacon rockfish complex*
 - **No species-specific HGs needed at this time**
- *Oregon and Washington cabezon/kelp greenling complexes*
 - **No species-specific HGs needed at this time**

Action Item #9: At-Sea Set-Asides

- For at-sea set-aside adjustments, the GMT considered:
 - Recent at-sea bycatch mortality
 - Recent IFQ allocation attainment and future IFQ allocations
 - Economic importance of the stock to the IFQ fishery
 - Recent ACL attainment
 - Expected ACL changes in the next biennium and potential implications of that change
 - Any conservation risk to the stock
 - Whether the ACL is at risk of being exceeded
 - Recent fishing behavior and any possible changes in 2025-26

Action Item #9: At-Sea Set-Asides

The GMT recommends selecting the bolded values as PPA (rationale provided in report):

Stock/Management Unit	Option 1	Option 2	Option 3
Arrowtooth flounder	70	100	-
Canary rockfish	36	30	20
Darkblotched rockfish	76.4	100	150
Dover sole	10	-	-
Lingcod north of 40° 10' N. lat.	15	-	-
Longnose skate	5	-	-
Other flatfish	35	100	-
Pacific halibut	10	-	-
Pacific ocean perch	300	-	-
Petrale sole	5	-	-
Sablefish north of 36° N. lat.	100	300	429
Shortspine thornyhead north of 34° 27' N. lat.	70	100	50
Shelf rockfish complex north of 40° 10' N. lat.	35	-	-
Slope rockfish complex north of 40° 10' N. lat.	300	-	-
Widow rockfish	476	300	-
Yellowtail rockfish north of 40° 10' N. lat.	320	360	450

Action Item #10: Within Non-Trawl HGs/Shares

Yelloweye Rockfish

- Continuing to rebuild ahead of schedule
- **The GMT recommends Status Quo HGs**

Sector	SQ 2025 HG	SQ 2026 HG
Non-Nearshore	8.7	8.9
Nearshore		
WA Rec.	10.8	11.0
OR Rec.	9.5	9.7
CA Rec	12.5	12.7
Total	41.5	42.3

Action Item #10: Within Non-Trawl HGs/Shares

Canary rockfish

- The GMT was not able to identify a reallocation
- The team thinks ACL reductions should impact the various groundfish fisheries equitably.

Action Item #10: Within Non-Trawl HGs/Shares

The GMT recommends as PPA:

Nearshore rockfish complex north of 40° 10' N. lat.

- Status Quo (SQ) sharing agreement

Sablefish south of 36° N. lat.

- SQ 70-30 split between limited entry fixed gear and open access and
- Recreational set-aside of 10 mt (option 2)

Bocaccio south of 40° 10' N. lat.

- SQ commercial/recreational HGs

Cowcod south of 40° 10' N. lat.

- SQ commercial/recreational HGs

Questions on Action Item #8-10?

Action Item #8: Harvest Guidelines/State Shares for Stocks in a Complex

Action Item #9: At-Sea Set-Asides

Action Item #10: Within Non-Trawl HGs, ACTs, or Shares

Action Item Checklist #11-20

Action Item #11: Shorebased IFQ

Action Item #12: Open Access Fixed Gear Fishery North of 40° 10' N lat

Action Item #13: Open Access Fixed Gear Fishery South of 40° 10' N lat

Action Item #14: Limited Entry Fixed Gear Fishery North of 40° 10' N lat

Action Item #15: Limited Entry Fixed Gear Fishery South of 40° 10' N lat

Action Item #16: Washington Recreational

Action Item #17: Oregon Recreational

Action Item #18: California Recreational

Action Item #19: “New” Management Measures

Action Item #20: California Quillback Rockfish Rebuilding Plan

Action Item #11: Shorebased IFQ

- The GMT did not identify any stocks for which IFQ trip limit adjustments need to be analyzed to stay within 2025-26 harvest limits.
- **GMT recommendation: Adopt status quo IFQ trip limits for non-IFQ species as PPA**

Action Item #12-15: Open access and limited entry fixed gear fisheries

- **The GMT recommends the Council adopt status quo trip limits for all except for those species and sub-areas detailed in Appendix 1, as PPA along with lingcod Open Access North of 42° N. lat., sablefish N. of 36° N. lat. Open access and limited entry**
- Request from the GAP for consistency between all trip limit tables. **The GMT recommends that the Council adopt Option 2 as specified in Appendix 1 as PPA, which would align the trip limits to all be bimonthly.**

Action Item #12-15: Open access and limited entry fixed gear fisheries

Lingcod North of 42° N. lat.

The GMT recommends the Council adopt Option 3: 9,000 lbs. per 2 months for all periods for lingcod as PPA

Open Access North of 42° N. lat. as PPA.

OAN: North of 42° N. lat.

- **Option 1 Status Quo:** 5,500 lbs. per month for all periods
- **Option 2:** 11,000 lbs. per 2 months for all periods
- **Option 3: 9,000 lbs. per 2 months for all periods**

Sablefish North of 36° N. lat.

The GMT does not have any management concerns for any of the sablefish trip limit options and recommends the Council defer to the GAP's recommendation as PPA.

Questions on Action Item #11-15?

Action Item #11: Shorebased IFQ

Action Item #12: Open Access Fixed Gear Fishery North of 40° 10' N lat

Action Item #13: Open Access Fixed Gear Fishery South of 40° 10' N lat

Action Item #14: Limited Entry Fixed Gear Fishery North of 40° 10' N lat

Action Item #15: Limited Entry Fixed Gear Fishery South of 40° 10' N lat

Action Item # 16. Washington Recreational

The GMT recommends the Council move forward with the Washington proposed recreational fishery structure as described in [Agenda Item F.5 REVISED Attachment 2 April 2024](#) and the PPA for canary rockfish for public review as presented in [Agenda Item F.5.a WDFW Supplemental Report 1](#).

Action Item # 17. Oregon Recreational

The GMT recommends moving forward with the PPA identified by Oregon Department of Fish and Wildlife (ODFW) specified in Table 2 of [Agenda Item F.5.a Supplemental ODFW Report 1 April 2024](#).

Action Item # 18. California Recreational

- The GMT recommends moving forward the PPA's identified by California Department of Fish and Wildlife (CDFW) specified in [Agenda Item F.5.a Supplemental CDFW Report 1 April 2024](#).
- The GMT also supports the removal of size limits for cabezon (15 inch), greenling (12 inch), and California scorpionfish (10 inch) and the minimum filet length (5 inch) for California scorpionfish in the recreational fishery as PPA.

Action Item #19a: Create open access permit/registration

- NMFS recommends this to better capture information on vessels using 12e gear to verify they have low interactions with quillback
- Will facilitate targeted observer coverage
- **The GMT recommends adopting this new management measure for PPA.**

Action Item #19b: Update electronic monitoring program discard and retention requirements in federal regulations

- Would update EM program discard and retention requirements in federal regulations to match the Vessel Monitoring Plan (VMP)
 - Federal regulations do not include sablefish and rex sole, while the VMP does
 - Federal regulations are also in conflict regarding California catch handling
- **The GMT recommends adopting this new management measure for PPA.**

Action Item #19c: Create federal coastwide sorting requirement for rockfish by processors

- GMT overwinter analysis and discussion determined that this issue is complex and evaluation of impacts would benefit from additional time for coordination and review with state sampling programs and commercial buyers.
- **The GMT recommends pursuing this action through a process outside of biennial management measures.**

Questions on Action Item #16-18 and 19 A-C?

Action Item #16: Washington Recreational

Action Item #17: Oregon Recreational

Action Item #18: California Recreational

Action Item #19: “New” Management Measures

- *AIC #19a Create open access permit/registration:.*
- *AIC #19b Update electronic monitoring program (EM) discard and retention requirements regulations:*
- *AIC #19c Create coastwide federal sorting requirements for rockfish by processors:*

AIC #19d Removal of the Shortspine Thornyhead Management Line at 34° 27' N. lat.



Issue Recap:

- The results of the 2023 stock assessment will translate into restrictive ACLs for the forthcoming 2025-26 biennium
- This new management measure would result in a coastwide ACL, a coastwide harvest guideline (HG), coastwide off-the-top deductions, and coastwide trawl/non-trawl allocations (as opposed to two area-specific sets)

Table 3. Supplemental GMT Report 3, March 2024

Year	ACL (mt)	Fishery HG (mt)	Total Directed Groundfish Mort. (mt)	Trawl			Non-Trawl		
				Sector Alloc. (mt)	Sector Mort. (mt)	Sector attain.	Sector Alloc. (mt)	Sector Mort. (mt)	Sector attain.
2011	1,573	1,528	804	1,452	733	50%	76	71	93%
2012	1,556	1,511	788	1,435	724	50%	76	65	86%
2013	1,540	1,481	924	1,407	863	61%	74	61	83%
2014	1,525	1,466	762	1,392	708	51%	73	53	73%
2015	1,745	1,686	785	1,601	736	46%	84	48	57%
2016	1,726	1,667	806	1,583	757	48%	83	49	59%
2017	1,713	1,654	836	1,571	771	49%	83	65	78%
2018	1,698	1,639	765	1,557	698	45%	82	67	82%
2019	1,683	1,618	659	1,537	609	40%	81	50	62%
2020	1,669	1,604	408	1,524	374	25%	80	34	42%
2021	1,428	1,350	437	1,282	402	31%	67	35	51%
2022	1,393	1,315	641	1,249	613	49%	66	27	41%
2023*	1,359	1,281	304	1,217	273	22%	64	31	48%
2024	1,328	1,250		1,187			62		
2025	576	506		481			25		
2026	582	512		486			26		

Table 4. Supplemental GMT Report 3, March 2024

Year	ACL (mt)	Fishery HG (mt)	Total Directed Groundfish Mort. (mt)	Trawl			Non-Trawl		
				Sector Alloc. (mt)	Sector Mort. (mt)	Sector attain.	Sector Alloc. (mt)	Sector Mort. (mt)	Sector attain.
2011	405	363	192	50	9	18%	313	183	58%
2012	401	359	129	50	1	2%	309	128	41%
2013	397	355	113	50	4	8%	305	109	36%
2014	393	351	96	50	3	6%	301	93	31%
2015	923	881	80	50	1	2%	831	79	9%
2016	913	871	114	50	2	4%	821	112	14%
2017	906	864	146	50	0	0%	814	146	18%
2018	898	856	111	50	0	0%	806	111	14%
2019	890	889	84	50	0	0%	839	84	10%
2020	883	882	52	50	0	0%	832	52	6%
2021	756	749	41	50	0	0%	699	41	6%
2022	737	730	33	50	0	0%	680	33	5%
2023*	719	712	28	50	0	0%	662	28	4%
2024	702	695		50			645		
2025	240	238		50			188		
2026	242	240		50			190		

Issue Recap for Non-Trawl:

- Overwinter, the GMT identified that in order to stay within the non-trawl north allocation, limited entry fixed gear (LEFG) trip limits for 2025 would need to be substantially reduced from 2024 trip limits.
- ***Trip limits would have to be so low that a targeted fishery likely can't be prosecuted***
- Non-trawl mortality ranged 133-256 mt prior to 2020 and 59-84 mt since 2020. Mortality prior to 2020 exceeds the some allocation options before the Council.

Issue Recap for Trawl:

- The GMT also identified potential constraints to the trawl fishery north of 34° 27' N. lat. resulting from substantial IFQ allocation reductions.
- Shortspine quota availability could impact bottom trawl access to Dover sole and sablefish
- IFQ mortality ranged 551-841 mt prior to 2020 and 273-369 mt since 2020

Year	Non-Trawl Allocation	Trawl Allocation	At-Sea Set-Aside	IFQ Allocation
2023	64	1,217	70	1,147
2024	62	1,187	70	1,117
2025 (SQ)	22	481	70	411
2026 (SQ)	26	486	70	416

Reminder: Shortspine Thornyhead- Pathway 2

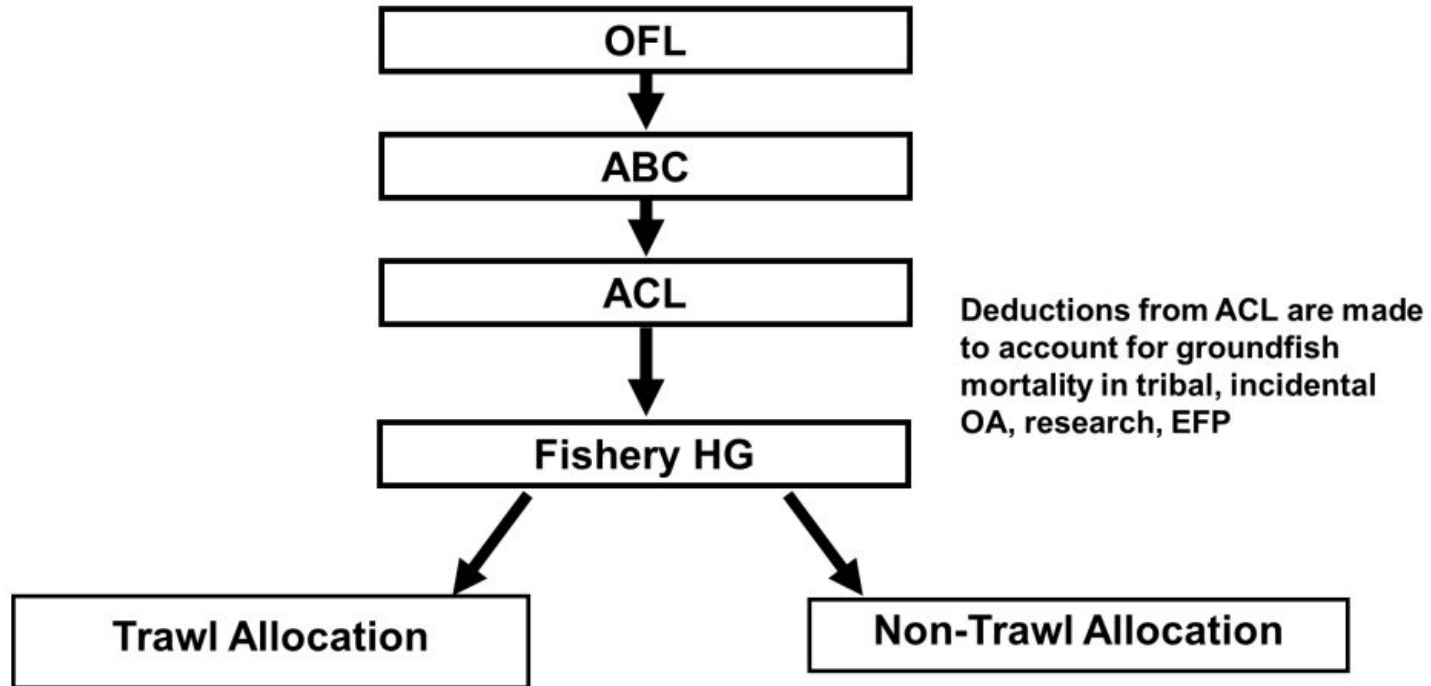


Figure 2. Coastwide ACL. Once this base year calculation was decided, this schematic is now how the trawl/non-trawl allocation will be decided into the future (pending further Council action).

Decision Points for April 2024 Agenda F.5 PPA:

- To remove or not to remove the management line at 34°27' N. lat.
- *IF* removing management line:
 - Decision 2a: Decide on 2026 allocation structure for trawl/non-trawl
 - Decision 2b: Decide yes/no on non-trawl ACT and what it should be
 - Decision 2c: Decide on non-trawl trip limits

Decision #1:

Management Line Removal

Option 1 (Status Quo):
Keep management line

Option 2:
Remove management line

Manage trawl and non-trawl sectors to allocations north and south of 34° 27' N. lat.

Decision #2a:

Allocation Proportions

Decision #2b:

Non-Trawl ACT

Decision #2c:

Non-trawl Trip Limits

Option 1 (SQ):
See Tables 11 & 12 of this report

Option 2:

- Convert OA trip limits from monthly to bimonthly
- Increase LEN and LES* trip limits by 1,000 lbs. in periods 1-3 and by 500 lbs. in periods 4-6
- Increase LES south of 34° 27' N. lat. by 1,000 lbs.

*40° 10' N. lat. - 34° 27' N. lat.

Sub-Option A:
2025: 64% trawl, 36% non-trawl
2026: 64% trawl, 36% non-trawl

Year	Trawl Allocation	Non-Trawl Allocation
2025	476	268
2026	481	271

Sub-Option 1 (SQ):
No ACT

Sub-Option 2:
Non-trawl ACT north of 34° 27' N. lat. set at 25% of the coastwide non-trawl allocation

Year	Non-Trawl ACT	
	2a Sub-Option A	2a Sub-Option B
2025	67	67
2026	68	55

Sub-Option B (GAP proposal):
2025: 64% trawl, 36% non-trawl
2026: 71% trawl, 29% non-trawl

Year	Trawl Allocation	Non-Trawl Allocation
2025	476	268
2026	534	218

Decision #1:

Management Line Removal

Option 1 (Status Quo):
Keep management line

Option 2:
Remove management line

Manage trawl and non-trawl sectors to allocations north and south of 34° 27' N. lat.

Decision #2a:

Allocation Proportions

Decision #2b:

Non-Trawl ACT

Decision #2c:

Non-trawl Trip Limits

Option 1 (SQ):
See Tables 11 & 12 of this report

Option 2:

- Convert OA trip limits from monthly to bimonthly
 - Increase LEN and LES* trip limits by 1,000 lbs. in periods 1-3 and by 500 lbs. in periods 4-6
 - Increase LES south of 34° 27' N. lat. by 1,000 lbs.
- *40° 10' N. lat. - 34° 27' N. lat.

Sub-Option A:

2025: 64% trawl, 36% non-trawl
2026: 64% trawl, 36% non-trawl

Year	Trawl Allocation	Non-Trawl Allocation
2025	476	268
2026	481	271

Sub-Option 1 (SQ):
No ACT

Sub-Option 2:
Non-trawl ACT north of 34° 27' N. lat. set at 25% of the coastwide non-trawl allocation

Sub-Option B (GAP proposal):

2025: 64% trawl, 36% non-trawl
2026: 71% trawl, 29% non-trawl

Year	Trawl Allocation	Non-Trawl Allocation
2025	476	268
2026	534	218

Year	Non-Trawl ACT	
	2a Sub-Option A	2a Sub-Option B
2025	67	67
2026	68	55

Decision Point #1: To remove or not to remove

- Option 1 (Status Quo): Shortspine thornyhead continues to be managed with area-based ACLs north and south of 34° 27' N. lat.
- Option 2: The 34° 27' N. lat. management line is removed for shortspine thornyhead, and coastwide ACLs and allocations are established.
- **The GMT recommends Option 2, removal of the management line at 34° 27' N. lat. for shortspine thornyhead as PPA.**

Decision #1:

Management Line Removal

Option 1 (Status Quo):
Keep management line

Option 2:
Remove management line

Manage trawl and non-trawl sectors to allocations north and south of 34° 27' N. lat.

Decision #2a:

Allocation Proportions

Decision #2b:

Non-Trawl ACT

Decision #2c:

Non-trawl Trip Limits

Option 1 (SQ):
See Tables 11 & 12 of this report

Option 2:

- Convert OA trip limits from monthly to bimonthly
- Increase LEN and LES* trip limits by 1,000 lbs. in periods 1-3 and by 500 lbs. in periods 4-6
- Increase LES south of 34° 27' N. lat. by 1,000 lbs.

*40° 10' N. lat. - 34° 27' N. lat.

Sub-Option A:
2025: 64% trawl, 36% non-trawl
2026: 64% trawl, 36% non-trawl

Year	Trawl Allocation	Non-Trawl Allocation
2025	476	268
2026	481	271

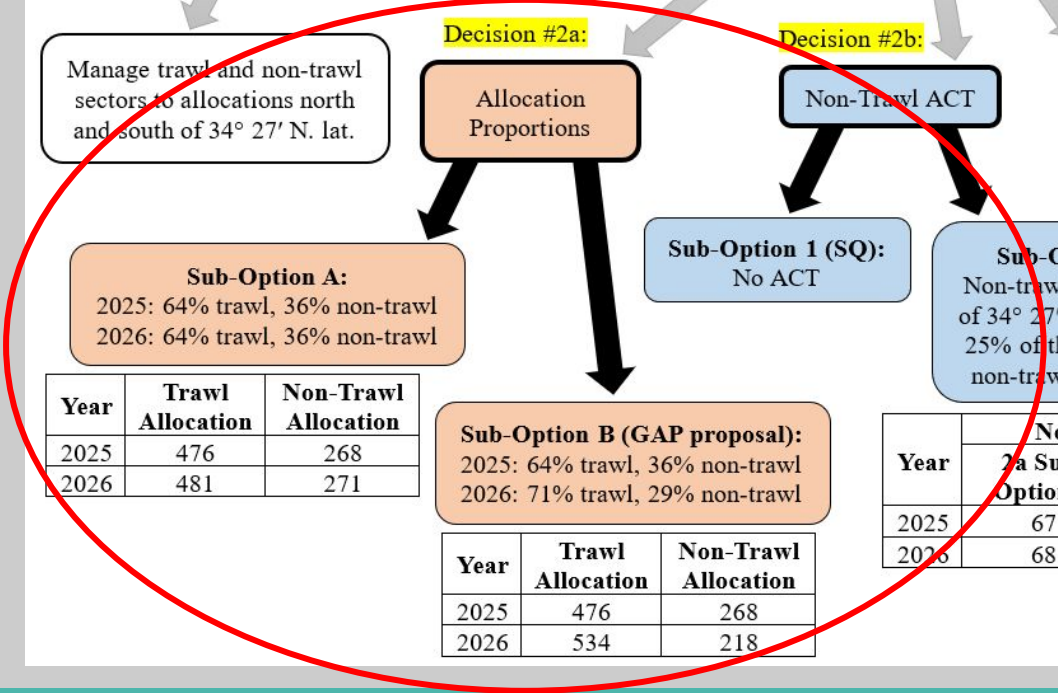
Sub-Option 1 (SQ):
No ACT

Sub-Option 2:
Non-trawl ACT north of 34° 27' N. lat. set at 25% of the coastwide non-trawl allocation

Year	Non-Trawl ACT	
	2a Sub-Option A	2a Sub-Option B
2025	67	67
2026	68	55

Sub-Option B (GAP proposal):
2025: 64% trawl, 36% non-trawl
2026: 71% trawl, 29% non-trawl

Year	Trawl Allocation	Non-Trawl Allocation
2025	476	268
2026	534	218



Decision Point #2a: Suboptions for 2026 Allocations

- *IF* Option 2 is selected, the allocation for 2025 will be 64 percent trawl and 36 percent non-trawl.
- 2026 Allocations (under Option 2):
 - Sub-option A: Maintain the allocation scheme of 64 percent trawl and 36 percent non-trawl sharing in 2026 and beyond.
 - Sub-option B: Change the allocation scheme to 71 percent trawl and 29 percent non-trawl starting in 2026.
- The GMT did not reach a consensus on a recommendation for PPA among the shortspine thornyhead allocation options.

Table 4. Supplemental GMT Report 2, April 2024

Year	Option 1 (SQ)					Option 2		
	HG N	HG S	SQ Trawl Allocation (mt) N	SQ Trawl Allocation (mt) S	Sum of SQ Trawl allocations N and S	HG (mt) coastwide	Sub-Option A Trawl Allocation (mt) Coastwide	Sub-Option B Trawl Allocation (mt) Coastwide
2025	506	238	481	50	531	744	476	476 a/
2026	512	240	486	50	536	752	481	534
2027	519	243	493	50	543	762	488	541
2028	525	246	499	50	549	771	493	547
2029	531	248	504	50	554	779	499	553
2030	536	251	510	50	560	787	504	559
2031	541	253	514	50	564	794	508	564
2032	546	254	518	50	568	800	512	568
2033	549	256	522	50	572	805	515	572
2034	553	258	526	50	576	811	519	576

a/ Calculated as 64 percent of the coastwide HG using the 2024 base year. All other years use the new allocation of 71 percent of the coastwide HG.

Table 5. Supplemental GMT Report 2, April 2024

Year	Option 1 (SQ)					Option 2		
	HG N.	HG S.	Non-Trawl Allocation (mt) N.	Non-Trawl Allocation (mt) S.	Sum of Non-Trawl allocations N. and S.	Coastwide HG (mt)	Sub-option A Coastwide Non-Trawl Allocation (mt)	Sub-option B Coastwide Non-Trawl Allocation (mt)
2025	506	238	25	188	213	744	268	268 a/
2026	512	240	26	190	216	752	271	218
2027	519	243	26	193	219	762	274	221
2028	525	246	26	196	222	771	278	224
2029	531	248	27	198	225	779	280	226
2030	536	251	27	201	227	787	283	228
2031	541	253	27	203	230	794	286	230
2032	546	254	27	204	232	800	288	232
2033	549	256	27	206	233	805	290	233
2034	553	258	28	208	235	811	292	235

a/ Calculated as 36 percent of the coastwide HG using the 2024 base year. All other years use the new allocation of 29 percent of the coastwide HG.

Decision #1:

Management Line Removal

Option 1 (Status Quo):
Keep management line

Option 2:
Remove management line

Manage trawl and non-trawl sectors to allocations north and south of 34° 27' N. lat.

Decision #2a:

Allocation Proportions

Decision #2b:

Non-Trawl ACT

Decision #2c:

Non-trawl Trip Limits

Option 1 (SQ):
See Tables 11 & 12 of this report

Sub-Option A:
2025: 64% trawl, 36% non-trawl
2026: 64% trawl, 36% non-trawl

Sub-Option 1 (SQ):
No ACT

Sub-Option 2:
Non-trawl ACT north of 34° 27' N. lat. set at 25% of the coastwide non-trawl allocation

Option 2:

- Convert OA trip limits from monthly to bimonthly
- Increase LEN and LES* trip limits by 1,000 lbs. in periods 1-3 and by 500 lbs. in periods 4-6
- Increase LES south of 34° 27' N. lat. by 1,000 lbs.

*40° 10' N. lat. - 34° 27' N. lat.

Sub-Option B (GAP proposal):
2025: 64% trawl, 36% non-trawl
2026: 71% trawl, 29% non-trawl

Year	Trawl Allocation	Non-Trawl Allocation
2025	476	268
2026	481	271

Year	Trawl Allocation	Non-Trawl Allocation
2025	476	268
2026	534	218

Year	Non-Trawl ACT	
	2a Sub-Option A	2a Sub-Option B
2025	67	67
2026	68	55

Decision Point #2b: Non-Trawl ACT

- Sub-Option 1: Set limited entry fixed gear and open access trip limits according to the coastwide non-trawl allocation (no ACT).
- Sub-Option 2: Establish a non-trawl ACT north of 34° 27' N. lat. set equal to 25 percent of the coastwide non-trawl allocation. This would provide a mechanism to slow the concentration of effort in the northern non-trawl fishery.
- **The GMT recommends sub-option 2 to create a non-trawl ACT north of 34° 27' N. lat. that is set at 25 percent of the coastwide non-trawl allocation as PPA.**

Decision Point #2b: Non-Trawl ACT Sub-Option 2

- The GMT proposes that if 25 percent of the non-trawl allocation is projected to be reached or exceeded by the north and the south has exceeded 50 percent of the non-trawl allocation, the GMT will alert the Council and evaluate the need for trip limit decreases in the north for Council consideration. If these criteria are not met, the GMT will continue to monitor and bring to the Council's attention when there is a risk to the ACL.
- *The GMT requests feedback on this proposal from the GAP and the Council*

Decision #1:

Management Line Removal

Option 1 (Status Quo):
Keep management line

Option 2:
Remove management line

Manage trawl and non-trawl sectors to allocations north and south of 34° 27' N. lat.

Decision #2a:

Allocation Proportions

Decision #2b:

Non-Trawl ACT

Decision #2c:

Non-trawl Trip Limits

Option 1 (SQ):
See Tables 11 & 12 of this report

Option 2:

- Convert OA trip limits from monthly to bimonthly
- Increase LEN and LES* trip limits by 1,000 lbs. in periods 1-3 and by 500 lbs. in periods 4-6
- Increase LES south of 34° 27' N. lat. by 1,000 lbs.

*40° 10' N. lat. - 34° 27' N. lat.

Sub-Option A:
2025: 64% trawl, 36% non-trawl
2026: 64% trawl, 36% non-trawl

Sub-Option 1 (SQ):
No ACT

Sub-Option 2:
Non-trawl ACT north of 34° 27' N. lat. set at 25% of the coastwide non-trawl allocation

Year	Trawl Allocation	Non-Trawl Allocation
2025	476	268
2026	481	271

Sub-Option B (GAP proposal):
2025: 64% trawl, 36% non-trawl
2026: 71% trawl, 29% non-trawl

Year	Trawl Allocation	Non-Trawl Allocation
2025	476	268
2026	534	218

Year	Non-Trawl ACT	
	2a Sub-Option A	2a Sub-Option B
2025	67	67
2026	68	55

Decision Point #2c: Non-Trawl Trip Limits

- Option 1 (Status Quo): See Tables 11 & 12 of GMT Report (need link).
- Option 2:
 - Convert open access trip limits from monthly to bimonthly.
 - Increase limited entry north and limited entry south ($40^{\circ} 10' \text{ N. lat.} - 34^{\circ} 27' \text{ N. lat.}$) trip limits by 1,000 lbs. in periods 13 and by 500 lbs. in periods 4-6.
 - Increase limited entry south of $34^{\circ} 27' \text{ N. lat.}$ trip limits by 1,000 lbs.

Table 10. Supplemental GMT Report 2, April 2024

North of 34°
27' N. lat.

Option	Sector	Trip Limit	Landing Projection (mt)	Est. Total Landings (mt)	Est. Discard Mortality Average: 2018-2022 Values (mt)	Est. Total Mortality (mt)	% of the 2026 N. of 34° 27' ACT (mt)
Status Quo: Option 1	OAN	50 lbs./ month for all periods	0.8	31	<i>Average: 4.0</i>	35.0	64%
	OAS: 40° 10' N. lat. - 34° 27' N. lat.	50 lbs./month for all periods	2.3				
	LEN	2,000 lbs./2 months for periods 1-3	7.2				
		2,500 lbs./2 months for periods 4-6					
	LES: 40° 10' N. lat. - 34° 27' N. lat.	2,000 lbs./2 months for periods 1-3	20.7				
		2,500 lbs./2 months for periods 4-6					
Option 2	OAN	100 lbs./2 months for all periods	0.8	32	<i>Average: 4.0</i>	36.0	66%
	OAS: 40° 10' N. lat. - 34° 27' N. lat.	100 lbs./2 months for all periods	2.3				
	LEN	3,000 lbs./ 2 months for all periods	7.3				
	LES: 40° 10' N. lat. - 34° 27' N. lat.	3,000 lbs./ 2 months for all periods	21.3				

Limited Entry Shortspine Thornyhead South of 34° 27' N. lat.

Table 11. Limited entry shortspine thornyhead south of 34° 27' N. lat. (LES) trip limit options.

Option	Sector	Trip Limit	Landing Projection (mt)	Est. Discard Mortality Average: 2018-2022 Values (mt)	Est. Total Mortality Range (mt)
Option 1 Status Quo:	LES: South of 34° 27' N. lat.	3,000 lbs./2 months for all periods	28.0	1.6	29.6
Option 2	LES: South of 34° 27' N. lat.	4,000 lbs./2 months for all periods	30.4	1.6	32

Open Access Shortspine Thornyhead South of 34° 27' N. lat.:

Option 1 (Status Quo): Shortspine thornyhead and longspine thornyhead 100 lbs. per day, no more than 1,000 lbs. per 2 months.

Impact Analysis- Biological/Environmental Impacts

- Non-trawl fisheries operate from the U.S./Canada border to the U.S./Mexico border
- Removals from the trawl sector have been entirely from the area north of 34° 27' N. lat. since 2017.
- Removal of management line would potentially concentrate fishing mortality in the north which could exceed the estimated proportional biomass north
- Current five-year rolling average biomass estimates in each area based on data from the WCGBT survey (70 percent north and 30 percent south)

**Table 6.
Supplemental
GMT Report 2,
April 2024**

Sub-option	Year	Coastwide HG (mt)	Coastwide Trawl Allocation (mt)	Coastwide Non-Trawl Allocation (mt)	Proposed North Non-Trawl ACT 25% (mt)	Possible Northern Mortality (mt) a/	Estimated Percent of Mortality North
Sub-option 1: Coastwide Non-trawl Allocation	2025	744	476	268	--	680 a/	91%
	2026	752	481	271	--	688 a/	91%
	2027	762	488	274	--	698 a/	92%
	2028	771	493	278	--	707 a/	92%
Sub-option 2: ACT with allocation Sub-option A	2025	744	476	268	67	543 b/	73%
	2026	752	481	271	68	549 b/	73%
	2027	762	488	274	69	556 b/	73%
	2028	771	493	278	69	563 b/	73%
Sub-option 2: ACT with GAP modification Sub-option B	2025	744	476	268	67	543 b/	73%
	2026	752	534	218	55	588 b/	78%
	2027	762	541	221	55	596 b/	78%
	2028	771	547	224	56	603 b/	78%

a/ Assumes 100 percent attainment of the trawl allocation added to the coastwide non-trawl allocation minus the 64 mt five-year average mortality from the fishery south of 34° 27' N. lat.

Impact Analysis- Biological/Environmental Impacts cont.

- Future mortality has the potential to be higher for the portion of the stock north of 34° 27' N. lat.
- For consideration:
 - If mortality in the north exceeds the proportional biomass, what risk does this pose to the stock? Additionally, what is the risk to the stock if all mortality occurs north of 34° 27' N. lat.?
 - Is there a meaningful difference between northern mortality of 73 percent and 78 percent of coastwide mortality when northern biomass is estimated to be an average of 70.6 percent of the coastwide total from 2017 to 2022?

Impact Analysis- Biological/Environmental Impacts cont.

This highlights a **bigger** issue with all of our coastwide stocks, many of which do not have uniform effort throughout the whole range. Management of all groundfish stocks might benefit from a deeper discussion about using area-based biomass estimates to inform the spatial allocation of fishery effort.

Trawl Impacts

Year	North of 34° 27' N. lat.		
	IFQ Mortality (mt)	IFQ Allocation (mt)	Att
2016	746	1,583	
2017	743	1,571	
2018	628	1,557	
2019	551	1,537	
2020	365	1,524	
2021	327	1,282	
2022	369	1,249	
2023	273	1,217	

Table 7. Shortspine thornyhead IFQ allocations in 2025-26 with (Option 2) and without (Option 1 SQ) management line removal across the two allocation sub-options and all three at-sea set-aside options under consideration. All IFQ allocations are based on the Alternative 2 HCR of P* 0.45.

Shortspine Thornyhead Management Line Option	Year	Coastwide HG (mt)	Coastwide Trawl Allocation (mt)	IFQ Allocation (mt)			Difference from SQ (mt)
				At-Sea Set-Aside Option 1 SQ (70 mt)	At-Sea Set-Aside Option 2 (100 mt)	At-Sea Set-Aside Option 3 (50 mt)	
Option 1 (Status Quo) a/	2025	N/A	N/A	411	381	431	
	2026	N/A	N/A	416	386	436	
Option 2, Sub-Option A (64% trawl allocation in 2026)	2025	744	476	406	376	426	-5
	2026	752	481	411	381	431	-5
Option 2, Sub-Option B (71% trawl allocation in 2026)	2025	744	476	406	376	426	-5
	2026	752	534	464	434	484	+48

a/ The status quo allocations shown are only for shortspine thornyhead north of 34° 27' N. lat. If the management line is kept, the status quo allocation south of 34° 27' N. lat. would be the fixed 50 mt.

Non-Trawl Impacts

- Option 2-sub-option A would result in coastwide non-trawl allocations of 268 mt and 271 mt in 2025 and 2026, respectively.
- Option 2-sub-option B would result in non-trawl allocations that are reduced by 53 mt relative to Sub-Option A.
- Ability to prosecute both the 2018-2022 average mortalities of the northern and southern fisheries (42 mt and 64 mt) with capacity for the southern fishery to increase to previous levels.
- Sub-option 2 (ACT) would be a mechanism to slow the concentration of effort in the north while maintaining historic fishing opportunities in south

If additional information or analysis would be useful in the Council decision making process for the shortspine thornyhead management measure, the GMT seeks indication from the Council at this time so that we can provide the additional information in June to support FPA.

Questions on Action Item #19d Shortspine thornyhead management?

Decision #1: The GMT recommends Option 2 in Agenda Item F.5.a, Supplemental GMT Report 2, April 2024, removal of the management line at 34° 27' N. lat. for shortspine thornyhead as PPA.

Decision 2a: No Recommendation.

Decision 2b: The GMT recommends sub-option 2 to create a non-trawl ACT north of 34° 27' N. lat. that is set at 25 percent of the coastwide non-trawl allocation (Agenda Item F.5.a Supplemental GMT Report 2) as PPA.

Decision 2c: The GMT recommends:

- Option 2 for limited entry shortspine thornyhead south of 34° 27' N. lat.
 - 4,000 lbs./2 months for all periods
- Option 1 for open access shortspine thornyhead south of 34° 27' N. lat.
 - Shortspine thornyhead and longspine thornyhead 100 lbs. per day, no more than 1,000 lbs. per 2 months
- Option 2 for limited entry shortspine thornyhead north of 34° 27' N. lat.
 - 3,000 lbs./ 2 months for all periods
- Option 2 for open access shortspine thornyhead north of 34° 27' N. lat.
 - 100 lbs./2 months for all periods

Action Item #19e: Require recreational anglers to possess a descending device aboard a vessel when fishing in federal waters for groundfish

- Would create a coastwide descending device requirement in the EEZ (i.e., 3-200 nm offshore), thus creating regulatory consistency between state and federal waters across all three states.
- Would reduce mortality on discarded rockfish.
- **The GMT recommends adopting this new management measure for PPA.**

Action Item #19f: Modify continuous vessel transit limitations for California recreational vessels in Federal waters

- This measure would allow recreational vessels to:
 - Anchor Overnight on multi-day trips
 - Stop to fish for non-groundfish species with non-groundfish gear inside the seasonal Recreational RCA
 - This measure is likely to prevent the cancellation of thousands of recreational fishing trips in 2025, and beyond, during seasons when the California recreational “offshore fishery” management measure is in place.
- **The GMT recommends the Council adopt this new management measure as PPA.**

Action Item #19g: Change to the scientific name of Pacific sand lance and common name of Pacific spiny dogfish in regulation

- Brought forward at the March 2024 Council meeting by Council Staff.
- The scientific name of Pacific sand lance and the common name of Pacific spiny dogfish names are incorrect in Federal regulation but are correct in the Pacific Coast Groundfish FMP.
- This new management measure would correct the names in federal regulation.
- **The GMT recommends the Council adopt this measure as PPA.**

Action Item #20: California Quillback Rockfish Rebuilding Plan

The GMT will use the alternatives adopted by Council decision under Agenda Item F.2 at this meeting to develop a rebuilding plan for California quillback rockfish for the June 2024 Council meeting.

Questions on Action Item #19e-g and 20?

Action Item #19: “New” Management Measures

19e Require recreational anglers to possess a descending device aboard a vessel when fishing for groundfish in federal waters

19f Modify continuous vessel transit limitations for California recreational vessels in Federal waters

19g Change to the scientific name of Pacific sand lance and common name of Pacific spiny dogfish in regulation:

Action Item #20: CA Quillback Rockfish Rebuilding Plan

El fin!

