

GROUND FISH MANAGEMENT TEAM REPORT ON 2021-22 EXEMPTED FISHING
PERMITS AND MANAGEMENT MEASURES

The Pacific Fishery Management Council (Council) needs to select the final preferred alternative (FPA) for 2021-22 exempted fishing permits (EFPs) and the associated set-asides, and select the FPA for 2021-22 management measures (e.g., allocations, set-asides, trip/bag limits, and seasons). The recommendations of the Groundfish Management Team (GMT) on management measures are summarized in Appendix 2.

1. Exempted fishing permits

The GMT recommends the Council select all EFPs and associated set-asides as shown in Table 1. As we discussed in November, we believe that all have technical merit. Table 1 has been updated to reflect the recent requests from the Platt/Emley EFP ([Agenda Item F.1, Attachment 3, June 2020](#)). The Council requested that all EFPs currently under consideration for final action share a 100 Chinook salmon set-aside (Table 1) which the GMT believes will accommodate potential bycatch in these EFPs. As requested by the Council, we will add a line item for the EFP threshold of 100 Chinook salmon to our inseason salmon scorecard starting in 2021 under the 5,500 non-whiting sector guideline. Table 1 also corrects errors presented in the table in April, which were identified during further review of the EFP applications and/or based on clarification from the applicants.

Table 1. Proposed EFP set-asides (mt, except for Chinook salmon) for all applications except for the Midwater Trawlers EFP for 2021-22. Note that values in bold italics reflect updates from the applicants and are thus different than those used in the preliminary analysis.

Species	Area	CDFW	Platt/ Emley	Cook	WDFW	Real Good Fish	Total	
Arrowtooth flounder	Coastwide	None		0.10	None		0.10	
Big skate	Coastwide			0.10			0.10	
Black rockfish (WA)	Washington						0.00	
Black rockfish (CA)	California		1.00				1.00	
Bocaccio	S of 40°10' N. lat.		10.00				30.00	40.00
Cabazon (CA)	S of 42° N. lat.		1.00					1.00
California scorpionfish	S of 34°27' N. lat.							0.00
Canary rockfish	Coastwide		2.00	5.00			1.00	8.00
Chilipepper	S of 40°10' N. lat.		30.00				40.00	70.00
<i>Cowcod</i>	<i>S of 40°10' N. lat.</i>		0.50	0.00			0.50	1.00
Darkblotched rockfish	Coastwide		0.10	0.10			0.40	0.60
Dover sole	Coastwide			0.10				0.10
English sole	Coastwide			0.10				0.10
Lingcod	N of 40°10' N. lat.			0.10				0.10
Lingcod	S of 40°10' N. lat.		1.50					1.50
Longnose skate	Coastwide			0.10				0.10
Longspine thornyhead	N of 34°27' N. lat.					0.00		

Species	Area	CDFW	Platt/ Emley	Cook	WDFW	Real Good Fish	Total	
Longspine thornyhead	S of 34°27' N. lat.						0.00	
Pacific cod	Coastwide			0.10				0.10
Pacific ocean perch	N of 40°10' N. lat.			0.10				0.10
Pacific whiting	Coastwide		1.00	0.10				1.10
Petrale sole	Coastwide			0.10				0.10
Sablefish	N of 36° N. lat.		1.00	0.10				1.10
Sablefish	S of 36° N. lat.							0.00
Shortbelly rockfish	Coastwide			0.10				0.10
Shortspine thornyhead	N of 34°27' N. lat.			0.10				0.10
Shortspine thornyhead	S of 34°27' N. lat.							0.00
Spiny dogfish	Coastwide		1.00	0.10				1.10
Splitnose rockfish	S of 40°10' N. lat.		1.50					1.50
Starry flounder	Coastwide			0.10				0.10
Widow rockfish	Coastwide		9.00	10.00			9.00	28.00
YELLOWEYE ROCKFISH	Coastwide		0.06	0.12			0.06	0.24
<i>Yellowtail rockfish</i>	<i>N of 40°10' N. lat.</i>			10.00				10.00
Stock Complexes								
Nearshore rockfish north	N of 40°10' N. lat.	None		0.50	None		0.50	
Nearshore rockfish south	S of 40°10' N. lat.							0.00
<i>Shelf rockfish north</i>	<i>N of 40°10' N. lat.</i>			1.50				1.50
Shelf rockfish south	S of 40°10' N. lat.		30.00				20.00	50.00
<i>Slope rockfish north</i>	<i>N of 40°10' N. lat.</i>			0.50				0.50
Slope rockfish south	S of 40°10' N. lat.		1.00					1.00
Other fish	Coastwide			0.10				0.10
Other flatfish	Coastwide			0.10				0.10
Oregon black/ blue/deacon rockfish	Oregon			0.50				0.50
Oregon cabezon/kelp greenling	Oregon			0.10				0.10
Washington cabezon/ kelp greenling	Washington							0.00
Other Species								
Chinook salmon (individuals)	Coastwide			100			100	

2. Final 2021-22 Management Measures

The GMT recommends the Council select their preliminary preferred alternative (PPA) 2021-22 management measures as FPA as noted in the summary table in Appendix 2; the Council still needs to make decisions on shortbelly rockfish mitigation measures and additional modifications to rockfish conservation areas (RCAs). The Council may wish to consider alternate

salmon troll trip limits of yellowtail rockfish to the north of 40° 10' N. latitude. Shortbelly rockfish mitigation measures are described in Agenda Item F.1.a Supplemental GMT Report 3 and summarized in Agenda Item F.1.a, Supplemental GMT Presentation 2. An overview of all the non-trawl RCA proposals being considered for 2021-22 will be described in Agenda Item F.1.a, Supplemental GMT Report 4.

PPA Motion from April 2020:

#1: Non-Tribal set-asides (Appendix 1)

#2: Tribal requested set-asides ([Agenda Item G.6.a, Supplemental Tribal Report 1, April 2020](#))

#3: All GMT recommendations in regard to non-tribal commercial fisheries:

- RCAs, off-the-top-deductions, and at-sea set-asides ([Agenda Item G.6.a, Supplemental GMT Report 1, April 2020](#))
- Trawl/non-trawl allocations, except the widow rockfish non-trawl allocation, which should be increased to 400 mt
- Establish a 50 mt annual catch target (ACT) for cowcod south of 40° 10' N. lat.
- Commercial trip limits ([Agenda Item G.6.a, Supplemental GMT Report 2, April 2020](#))

#4: GMT recommendations, with updates or refinements WA and OR, on recreational seasons and management measures ([Agenda Item G.6.a, Supplemental GMT Report 2, April 2020](#), [Agenda Item F.1.a, ODFW Report 1, June 2020](#), [Agenda Item F.1.a, Supplemental WDFW Report 1, June 2020](#), [Agenda Item G.6.a, Supplemental CDFW Report 2, April 2020](#)).

There was consensus by the GMT, Groundfish Advisory Subpanel (GAP), and Council in April 2020 that the PPA selections would maximize economic benefits while meeting conservation objectives and not negatively impacting individual sectors. If the Council would prefer to deviate from any PPA selections, the GMT notes that any alternative selected must be within the range analyzed. The “Enhanced Action Item Checklists” includes a full listing of all analyzed options, near the end of [Agenda Item G.6.a, Supplemental GMT Report 1, April 2020](#) and [Agenda Item G.6.a, Supplemental GMT Report 2, April 2020](#).

Widow Rockfish Trawl/Non-Trawl Allocation

The GMT is supportive of the Council modification to Option 2 to increase the non-trawl allocation of widow rockfish to 400 mt from the originally proposed 300 mt. This modification would increase opportunities through higher trip limits for non-trawl fisheries (2021-22 projected mortality = 87 mt), and would still provide an additional 861 mt per year on average to the individual fishing quota (IFQ) fisheries compared to the status quo Amendment 21 allocations. The GMT projects that the annual economic benefits related to the IFQ sector with the PPA proposal and this modification would be an additional \$360,000 in ex-vessel revenue, \$850,000 in income, and 10 additional jobs.

Cowcod ACT

The GMT is supportive of the PPA of 50 mt ACT for cowcod south of 40° 10' N. lat., because it will provide a conservative, but flexible, means to manage the stock. As we discussed in April 2020, directed groundfish fishery mortality is expected to remain low (< 10 mt) in 2021-22; this projection does not include expected mortality from research activities, which is deducted from the ACL rather than the ACT. Cowcod mortality from directed groundfish fisheries has been low in recent years, and the proposed management measures (e.g., retention in non-trawl fisheries) are unlikely to increase impacts in 2021-22.

Yellowtail rockfish trip limits in the salmon troll fishery north of 40° 10' N. lat.

The status quo yellowtail rockfish retention ratio in the salmon troll fishery north of 40° 10' N. lat. is 1 lb. of yellowtail rockfish for every 2 lbs. of salmon landed, with a 200 lbs. monthly limit. The proposal to increase the monthly limit from 200 lbs. to 500 lbs. is appropriate considering the Council’s PPA to increase the general open access fishery monthly limit for yellowtail rockfish from 500 lbs. per month to 1,500 lbs. per month ([Agenda Item G.6.a, Supplemental GMT Report 2, April 2020](#)). This is because the original intent of the monthly limit was to not allow trollers to fish over and above what they could land when fishing open access outside of the salmon troll fishery ([Agenda Item G.6, Attachment 3, March 2020](#)). Under these options (except SQ), salmon trollers would be subject to the open access monthly cumulative limit of 500 lbs. both in and outside of the RCA.

Regarding the ratio component, the GMT received a public comment request presented during the April 2020 Council meeting to add an option (Option 5) to the range of alternatives, which would adjust the yellowtail rockfish to salmon ratio in the salmon troll fishery north of 40° 10' N. lat. The requested Option 5 is a ratio of 5 lbs. of yellowtail rockfish per every 1 lb. of salmon landed, except that 10 lbs. of yellowtail rockfish may be landed without meeting the ratio requirement (Table 2). Therefore, participants could take up to 10 lbs. of yellowtail rockfish before catching any salmon. The Council could consider Option 5 for FPA, since it is within the range analyzed. Option 5 is likely to have a greater impact on the yellowtail rockfish stock than Option 3 (1 to 1 ratio) and lesser impact than Option 4 (no ratio). Detailed analysis and projected impacts for Options 2, 3, and 4 are outlined in [Agenda Item G.6, Attachment 3, March 2020](#). The GMT projects that total incidental open access (IOA) mortality will remain below the 7 mt set-aside for all salmon troll options, and thus no changes to the set-aside are needed ([Agenda Item G.6.a, Supplemental GMT Report 1, April 2020](#)).

Table 2. Potential yellowtail rockfish retention ratios in the salmon troll fishery north of 40° 10' N. lat.

Option	Ratio (per trip)	Monthly Limit
1 (SQ)	1 lb. yellowtail rockfish for every 2 lbs. of salmon landed	200 lbs.
2	1 lb. yellowtail rockfish for every 2 lbs. of salmon landed	500 lbs.
3 (PPA)	1 lb. yellowtail rockfish for every 1 lb. of salmon landed	500 lbs.
4	No ratio; land up to the monthly limit of yellowtail rockfish so long as salmon is landed as well	500 lbs.
5 (Added to the range in April 2020)	5 lbs. yellowtail rockfish for every 1 lb. of salmon landed; except for the first 10 lbs. of yellowtail rockfish which can be landed without salmon	500 lbs.

The GMT has noted that Option 3 would provide additional opportunity for this low attainment stock and would maintain a ratio more reflective of an incidental fishery. Options 4 and 5 may offer additional benefits to participants of the salmon troll fishery, including offsetting the costs associated with obtaining and maintaining a required vessel monitoring system unit as highlighted in a [public comment letter](#) submitted on behalf of the Coastal Trollers Association. The Council may wish to consider the benefits provided by this flexibility in the ongoing context of managing

across fishery management plans amidst changing ecosystems and conservation priorities. However, Options 4 and 5 may be more reflective of a targeted fishery and allow the take of groundfish using salmon troll gear within an area that is otherwise closed to targeting groundfish.

The GMT does not expect any negative impacts to the directed groundfish fisheries under any of the trip limit proposals. Salmon troll catches of yellowtail rockfish are accounted for within off-the-top deductions, but have been and are expected to continue to be relatively minor (< 7 mt) relative to the 5,831 mt ACL in 2022 of which 2,300 mt is projected to be unutilized.

The GMT views this action item as a policy call. As stated in [Agenda Item G.6, Attachment 3, March 2020](#), “the original intent [of the trip limit ratio] was to accommodate yellowtail bycatch on 85 percent or more of the trips while limiting the opportunity to target.” If the Council prefers to maintain this initial intent, the GMT recommends the Council choose a ratio option that best reflects an incidental fishery. If the Council no longer sees a need to limit the opportunity to target, since “targeting would not cause concern for the yellowtail ACL or sector allocations” ([Agenda Item G.6, Attachment 3, March 2020](#)), the Council may want to consider an option that provides a higher retention opportunity, such as Option 4 or 5.

Informational housekeeping

Removal of sablefish daily trip limits for open access south of 36° N. lat.

The GMT is also supportive of the GAP and Council recommendation to remove the sablefish daily trip limit for the open access sector south of 36° N. lat. that was part of the PPA. The new trip limit would read “1200 lbs. per week, not to exceed 2,400 lbs./2 months”. The GAP emphasized that the reference to “one landing per week” would then be unnecessary and should also be removed to increase industry’s flexibility. The Council does not have to speak to this issue as it is being addressed as requested.

Recommendations

See Appendix 2 for summary of GMT recommendations.

PFMC
06/15/20

Appendix 1. Off the top deductions for tribal, research, EFPs, and IOA sectors, and resulting fishery harvest guidelines for 2021 and 2022. (all units are in metric tons)

Table A 1. 2021 Off the top deductions.

Stock/Complex	Area	ACL	Tribal	EFP	Research	IOA	Set-aside Total	Fishery HG
Arrowtooth flounder	Coastwide	9,933	2,041	0.1	12.98	41.00	2,095.08	7,837.9
Big skate	Coastwide	1,477	15	0.1	5.49	36.72	57.31	1,419.7
Black rockfish (WA)	Washington	293	18	0.0	0.10	0.00	18.10	274.9
Black rockfish (CA)	California	348	-	1.0	0.08	1.18	2.26	345.7
Bocaccio	S of 40°10' N. lat.	1,748	-	40.0	5.60	2.22	47.82	1,700.2
Cabazon (CA)	S of 42° N. lat.	211	-	1.0	0.02	0.26	1.28	209.2
California scorpionfish	S of 34°27' N. lat.	291	-	0.0	0.18	3.71	3.89	287.1
Canary rockfish	Coastwide	1,338	50	8.0	10.08	1.31	69.39	1,268.6
Chilipepper	S of 40°10' N. lat.	2,358	-	70.0	14.04	13.66	97.70	2,260.3
Cowcod	S of 40°10' N. lat.	84	-	1.00	10.00	0.17	11.17	72.8
Darkblotched rockfish	Coastwide	882	0.2	0.6	8.46	9.80	19.06	862.9
Dover sole	Coastwide	50,000	1,497	0.1	50.84	49.27	1,597.21	48,402.8
English sole	Coastwide	9,175	200	0.1	8.01	42.52	250.63	8,924.4
Lingcod	N of 40°10' N. lat.	5,369	250	0.1	16.60	11.68	278.38	5,090.6
Lingcod	S of 40°10' N. lat.	1,102	-	1.5	3.19	8.31	13.00	1,089.0
Longnose skate	Coastwide	1,823	220	0.1	12.46	18.84	251.40	1,571.6
Longspine thornyhead	N of 34°27' N. lat.	2,634	30	0.0	17.49	6.22	53.71	2,580.3
Longspine thornyhead	S of 34°27' N. lat.	832	-	0.0	1.41	0.83	2.24	829.6
Pacific cod	Coastwide	1,600	500	0.1	5.47	0.53	506.10	1,093.9
Pacific ocean perch	N of 40°10' N. lat.	3,854	9.2	0.1	5.39	10.04	24.73	3,829.3
Pacific whiting	Coastwide	<i>TBD</i>	<i>TBD</i>	1.1	<i>TBD</i>	1,500.00	1,501.10	<i>TBD</i>
Petrale sole	Coastwide	4,115	350	0.1	24.14	13.30	387.54	3,727.5
Sablefish	N of 36° N. lat.	6,892	See Table A 3					

Stock/Complex	Area	ACL	Tribal	EFP	Research	IOA	Set-aside Total	Fishery HG
Sablefish	S of 36° N. lat.	1,890	-	0.0	2.40	25.00	27.40	1,862.6
Shortbelly rockfish	Coastwide	2,000	-	0.1	8.20	21.57	29.87	1,970.1
Shortspine thornyhead	N of 34°27' N. lat.	1,428	50	0.1	10.48	17.82	78.40	1,349.6
Shortspine thornyhead	S of 34°27' N. lat.	756	-	0.0	0.71	6.00	6.71	749.3
Spiny dogfish	Coastwide	1,621	275	1.1	34.27	33.63	344.00	1,277.0
Splitnose rockfish	S of 40°10' N. lat.	1,666	-	1.5	11.17	5.75	18.42	1,647.6
Starry flounder	Coastwide	392	2	0.1	0.57	45.71	48.38	343.6
Widow rockfish	Coastwide	14,725	200	28.0	17.27	3.05	248.32	14,476.7
YELLOWEYE ROCKFISH	Coastwide	50	5	0.24	2.92	0.69	8.85	41.2
Yellowtail rockfish	N of 40°10' N. lat.	6,050	1,000	10.0	20.55	7.00	1,037.55	5,012.5
Stock Complexes								
Nearshore rockfish north	N of 40°10' N. lat.	77	1.5	0.5	0.47	0.61	3.08	73.9
Nearshore rockfish south	S of 40°10' N. lat.	1,016	-	0.0	2.68	1.74	4.42	1,011.6
Shelf rockfish north	N of 40°10' N. lat.	1,511	30	1.5	15.32	25.62	72.44	1,438.6
Shelf rockfish south	S of 40°10' N. lat.	1,438	-	50.0	15.10	67.67	132.77	1,305.2
Slope rockfish north	N of 40°10' N. lat.	1,595	36	0.5	10.51	18.88	65.89	1,529.1
Slope rockfish south	S of 40°10' N. lat.	709	-	1.0	18.21	19.73	38.94	670.1
Other fish	Coastwide	223	-	0.1	6.29	14.95	21.34	201.7
Other flatfish	Coastwide	4,802	60	0.1	23.63	137.16	220.89	4,581.1
Oregon black/blue/deacon rockfish	Oregon	603	-	0.5	0.08	1.74	2.32	600.7
Oregon cabezon/kelp greenling	Oregon	198	-	0.1	0.05	0.06	0.21	197.8
Washington cabezon/kelp greenling	Washington	20	2	0.0	-	-	2.00	18.0

Table A 2. 2022 Off the top deductions

Stock/Complex	Area	ACL	Tribal	EFP	Research	IOA	Set-aside Total	Fishery HG
Arrowtooth flounder	Coastwide	8,458	2,041	0.1	12.98	41.00	2,095.08	6,362.9
Big skate	Coastwide	1,389	15	0.1	5.49	36.72	57.31	1,331.7
Black rockfish (WA)	Washington	291	18	0.0	0.10	0.00	18.10	272.9
Black rockfish (CA)	California	341	-	1.0	0.08	1.18	2.26	338.7
Bocaccio	S of 40°10' N. lat.	1,724	-	40.0	5.60	2.22	47.82	1,676.2
Cabazon (CA)	S of 42° N. lat.	195	-	1.0	0.02	0.26	1.28	193.7
California scorpionfish	S of 34°27' N. lat.	275	-	0.0	0.18	3.71	3.89	271.1
Canary rockfish	Coastwide	1,307	50	8.0	10.08	1.31	69.39	1,237.6
Chilipepper	S of 40°10' N. lat.	2,259	-	70.0	14.04	13.66	97.70	2,161.3
Cowcod	S of 40°10' N. lat.	82	-	1.00	10.00	0.17	11.17	70.8
Darkblotched rockfish	Coastwide	831	0.2	0.6	8.46	9.80	19.06	811.9
Dover sole	Coastwide	50,000	1,497.0	0.1	50.84	49.27	1,597.21	48,402.8
English sole	Coastwide	9,108	200.0	0.1	8.01	42.52	250.63	8,857.4
Lingcod	N of 40°10' N. lat.	4,958	250.0	0.1	16.60	11.68	278.38	4,679.6
Lingcod	S of 40°10' N. lat.	1,172	-	1.5	3.19	8.31	13.00	1,159.0
Longnose skate	Coastwide	1,761	220.0	0.1	12.46	18.84	251.40	1,509.6
Longspine thornyhead	N of 34°27' N. lat.	2,452	30.0	0.0	17.49	6.22	53.71	2,398.7
Longspine thornyhead	S of 34°27' N. lat.	774	-	0.0	1.41	0.83	2.24	772.2
Pacific cod	Coastwide	1,600	500.0	0.1	5.47	0.53	506.10	1,093.9
Pacific ocean perch	N of 40°10' N. lat.	3,711	9.2	0.1	5.39	10.04	24.73	3,686.3
Pacific whiting	Coastwide	<i>TBD</i>	<i>TBD</i>	1.1	<i>TBD</i>	1,500.00	1,501.10	<i>TBD</i>
Petrale sole	Coastwide	3,660	350	0.1	24.14	13.30	387.54	3,272.5
Sablefish	N of 36° N. lat.	6,566	See Table A 3					
Sablefish	S of 36° N. lat.	1,801	-	0.0	2.40	25.00	27.40	1,773.6
Shortbelly rockfish	Coastwide	2,000	-	0.1	8.20	21.57	29.87	1,970.1

Stock/Complex	Area	ACL	Tribal	EFP	Research	IOA	Set-aside Total	Fishery HG
Shortspine thornyhead	N of 34°27' N. lat.	1,393	50	0.1	10.48	17.82	78.40	1,314.6
Shortspine thornyhead	S of 34°27' N. lat.	737	-	0.0	0.71	6.00	6.71	730.3
Spiny dogfish	Coastwide	1,585	275	1.1	34.27	33.63	344.00	1,241.0
Splitnose rockfish	S of 40°10' N. lat.	1,630	-	1.5	11.17	5.75	18.42	1,611.6
Starry flounder	Coastwide	392	2	0.1	0.57	45.71	48.38	343.6
Widow rockfish	Coastwide	13,788	200	28.0	17.27	3.05	248.32	13,539.7
YELLOW EYE ROCKFISH	Coastwide	51	5	0.24	2.92	0.69	8.85	42.2
Yellowtail rockfish	N of 40°10' N. lat.	5,831	1,000	10.0	20.55	7.00	1,037.55	4,793.5
Stock Complexes								
Nearshore rockfish north	N of 40°10' N. lat.	76	1.5	0.5	0.47	0.61	3.08	72.9
Nearshore rockfish south	S of 40°10' N. lat.	1,010	-	0.0	2.68	1.74	4.42	1,005.6
Shelf rockfish north	N of 40°10' N. lat.	1,450	30	1.5	15.32	25.62	72.44	1,377.6
Shelf rockfish south	S of 40°10' N. lat.	1,428	-	50.0	15.10	67.67	132.77	1,295.2
Slope rockfish north	N of 40°10' N. lat.	1,568	36	0.5	10.51	18.88	65.89	1,502.1
Slope rockfish south	S of 40°10' N. lat.	705	-	1.0	18.21	19.73	38.94	666.1
Other fish	Coastwide	233	-	0.1	6.29	14.95	21.34	211.7
Other flatfish	Coastwide	4,838	60	0.1	23.63	137.16	220.89	4,617.1
Oregon black/blue/deacon rockfish	Oregon	600	-	0.5	0.08	1.74	2.32	597.7
Oregon cabezon/kelp greenling	Oregon	190	-	0.1	0.05	0.06	0.21	189.8
Washington cabezon/kelp greenling	Washington	17	2	0.0			2.00	15.0

Table A 3. 2021 and 2020 Sablefish north of 40° 10' N. lat. (values in metric tons)

Year	ACL	Tribal Share	Research	Rec.	EFP	Commercial HG
2021	6,892.0	689.2	30.7	6.0	1.1	6,165.0
2022	6,566.0	656.6	30.7	6.0	1.1	5,871.6

Appendix 2. Action item checklist with GMT recommendations (in bold)

The following table displays the summarized GMT recommendations (**in bold**) on management measures for the 2021-2022 biennium. This table is the same format and order as Agenda Item F.1, [Attachment 9 June 2020](#).

Action Item	Category	Sector	Management Measures
RCA Coordinate Updates			
1	Harvest specifications	All	Confirm or modify FPA selections from April 2020, <ul style="list-style-type: none"> see Agenda Item F.1.a, GMT Report 1 for additional information.
2	Area Management	All	<p>Adopt proposed RCA Coordinate Updates</p> <ul style="list-style-type: none"> RCA Waypoint Additions to 40 fm boundary off of central CA Corrections to the 100 fm line used to define the RCA south of 34° 27' N. lat., <p>Adopt RCA Modifications in California for recreational and non-trawl commercial</p> <ul style="list-style-type: none"> Adjust recreational RCA in the Mendocino Management Area to 30 fathoms. Add a management line at Point Arena (38° 57.50' N lat.; as specified in CFR 660.310) for the commercial fishery. Adjust the shoreward boundary to 50 fm between 38° 57.5' N. lat. and 34° 27' N. lat for both commercial and recreational fisheries (San Francisco and Central Management Areas). <p>Adopt opening commercial RCAs (Supplemental GMT Report 4)</p> <ul style="list-style-type: none"> 40° 10' N. lat. to OR/CA border: 40-100 fm 38° 57.5' N. lat.- 40° 10' N. lat.: 40-100 fm 34° 27' N. lat. – 38° 57.5' N. lat.: 50-100 fm South of 34° 27' N. lat.: 100-150 fm

Action Item	Category	Sector	Management Measures
2021-2022 ACL Deductions, Allocations, and Harvest Guidelines			
3	Off-the-top deductions	Research, EFPs, and IOA	<p>Adopt ACL deductions to account for groundfish mortality from research activities, incidental open access, and exempted fishing permits (see Appendix 1), based on maximum high, with the following exceptions:</p> <p><u>Research</u></p> <ul style="list-style-type: none"> • Yelloweye rockfish: 2.92 mt • Cowcod: 10 mt <p><u>IOA</u></p> <ul style="list-style-type: none"> • Darkblotched rockfish: 9.8 mt (historical average) • Petrale sole: 13.3 mt (historical average) • Sablefish South of 36° N. lat.: 25.0 mt <p>Adopt IOA trip limits for yellowtail rockfish in the salmon troll fishery:</p> <ul style="list-style-type: none"> • No GMT recommendation; policy decision
4	Treaty Off-the-Top Deductions	Treaty Fisheries	<p>Adopt management measures for treaty fisheries as shown in Agenda Item G.6.a, Supplemental Tribal Report 1, April 2020– with the following set-aside changes for this biennium:</p> <ul style="list-style-type: none"> • Petrale sole: 350 mt • WA Cabezon: 2 mt • Longnose Skate: 220 mt • Yelloweye rockfish: 5.0 mt
5	ACT	All	Adopt cowcod south of 40° 10' N. lat. ACT of 50 mt
6	HGs / State Shares for Stocks in a Complex	All	<p>Adopt HGs for species managed within a complex for:</p> <ul style="list-style-type: none"> • Blackgill rockfish (within the Slope Rockfish South of 40°10' N. lat. complex) <ul style="list-style-type: none"> ○ Set HGs = component ACLs • Nearshore Rockfish North of 40°10' N. lat. complex <ul style="list-style-type: none"> ○ Set state HGs using status quo sharing approach
7	Two Year Allocations	Trawl/ Non-Trawl	<p>Adopt the following status quo 2-year trawl/non-trawl allocations:</p> <ul style="list-style-type: none"> • Bocaccio south of 40°10' N. lat. – 39% trawl, 61% non-trawl • Cowcod south of 40°10' N. lat. - 36% trawl, 64% non-trawl

Action Item	Category	Sector	Management Measures
			<ul style="list-style-type: none"> • Yelloweye rockfish – 8% trawl, 92% non-trawl • Big skate – 95% trawl, 5% non-trawl • Longnose skate – 90% trawl, 10% non-trawl • Minor Shelf Rockfish north of 40°10' N. lat. – 60.2% trawl, 39.8% non-trawl • Minor Shelf Rockfish south of 40°10' N. lat. – 12.2% trawl, 87.8% non-trawl <p>Adopt a 2-year canary rockfish allocation:</p> <ul style="list-style-type: none"> • No Action proportions (from 2017-2018 and at-sea reduced) but w/ a combined commercial non-trawl HG
8	Amendment 21 Allocation Changes	Trawl/ Non-Trawl	<p>Adjust the Amendment 21 allocations for the following species:</p> <p>Petrale sole</p> <ul style="list-style-type: none"> • Two year: 30 mt non-trawl, remainder trawl <p>Widow rockfish</p> <ul style="list-style-type: none"> • Two year: 400 mt non-trawl, remainder trawl <p>Lingcod south of 40°10' N. lat.</p> <ul style="list-style-type: none"> • Two year: 40% trawl; 60% non-trawl <p>Slope rockfish south of 40° 10' N lat. including blackgill rockfish</p> <ul style="list-style-type: none"> • Two year custom sharing approach - that sets trawl and non-trawl shares of blackgill rockfish and the “other slope” rockfishes
9	Set-aside	At-sea whiting	<p>Adopt set-asides to accommodate expected bycatch in the at-sea whiting fishery (based on Industry input)</p> <ul style="list-style-type: none"> • Remove set-asides for stocks with negligible at-sea bycatch • Historical maximum for most stocks where there is low risk to ACL or where reducing offers little benefit to IFQ • Custom set-asides for stocks where potential risks to ACL and/or trade-offs with IFQ <ul style="list-style-type: none"> • Sablefish: Increase from 50 mt to 100 mt • Canary rockfish: reduce from 46 mt to 36 mt • Darkblotched rockfish (maximum): increase from 36.3 mt to 76.4 mt • Widow rockfish (maximum): decrease from 611 mt to 476 mt

Action Item	Category	Sector	Management Measures
			<ul style="list-style-type: none"> • Petrale sole: 5 mt • Pacific ocean perch: decrease from 405 mt to 300 mt
10	Within non-trawl HGs, ACTs, or Shares	LEFG OA Recreational	<p>Adopt the No Action 2-year within non-trawl HGs, ACTs, or shares for:</p> <p>Sablefish south of 36° N. lat.</p> <ul style="list-style-type: none"> • (70% LEFG / 30% OA) <p>Canary rockfish (<i>see #7 above for 2-year allocations</i>)</p> <ul style="list-style-type: none"> • No Action proportions, except combine the HG and ACT for commercial non-trawl sectors <p>Yelloweye rockfish</p> <ul style="list-style-type: none"> • No Action proportions, except combine the HG and ACT for commercial non-trawl sectors <p>Cowcod south of 40°10' N. lat.</p> <ul style="list-style-type: none"> • 50/50 split to commercial non-trawl and recreational <p>Bocaccio south of 40°10' N. lat.</p> <ul style="list-style-type: none"> • 30.9% commercial non-trawl; 69.1% recreational
Accountability Measure			
11		All	Consider adopting a shortbelly rockfish accountability measure See Agenda Item F.1.a, GMT Report 1 , Agenda Item F.1.a, Supplemental GMT Report 3, and Agenda Item F.1.a, GMT Presentation 2.
Trip Limits, Bag Limits, and Season Structures			
12		Shorebased IFQ	<p>Big Skate</p> <ul style="list-style-type: none"> • Unlimited trip limit <p>Blackgill rockfish south of 40°10' N. lat.</p> <ul style="list-style-type: none"> • Unlimited trip limit (and also still managed with southern slope QP)
13		LEFG/OA trip limits	<p>Adopt final trip limits for the 2021-2022 biennium</p> <ul style="list-style-type: none"> • Option 2 for all trip limits <p>Adopt flatfish gear restrictions within the non-trawl RCA south of 42° N. lat.</p> <ul style="list-style-type: none"> • Remove the gear restriction

Action Item	Category	Sector	Management Measures
			Establish a trip limit for shortspine & longspine thornyhead north of 34° 27' N. lat. Option 2: 50 lbs. per month shortspine thornyhead & 50 lbs. per month longspine thornyhead
14		WA Recreational	<p>Adopt Management Measures and Season Structure as described in Agenda Item F.1.a, Supplemental WDFW Report 1, June 2020 as the FPA:</p> <ul style="list-style-type: none"> • Reduce the time period that depth restrictions are in place • Allow retention of yellowtail and widow rockfish seaward of 20 fathoms in the North Coast area in July • Removal of Westport and South Coast YRCAs • Additional species retention on Pacific halibut trips • Increase flatfish bag limit in excess of daily aggregate limit from 3 to 5 flatfish
15		OR Recreational	<p>Adopt the PPA Management Measures and Season Structure as described in Agenda Item F.1.a, ODFW Report 1 as the FPA: including</p> <ul style="list-style-type: none"> • All-depth year round • Longleader gear and all-depth Pacific halibut allowed on the same trip
16		CA Recreational	<p>Adopt Management Measures and Season Structure as described in Agenda Item G.6.a, Supplemental CDFW Report 2, April 2020 and including:</p> <ul style="list-style-type: none"> • Eliminate sub-bag limits for: (maintain within the Rockfish/Cabazon/Greenling aggregate bag limit of 10-fish) <ul style="list-style-type: none"> ○ Cabazon: 10 fish ○ Black rockfish: 10 fish ○ Canary rockfish: 10 fish ○ Vermilion rockfish: 5 fish • Adopt Rockfish Conservation Area Seaward Boundary Modifications <ul style="list-style-type: none"> ○ Mendocino Management Area at 30 fm ○ San Francisco Management Area at 50 fm ○ Southern Management Area at 100 fm