

CORRECTED SABLEFISH ANNUAL CATCH LIMITS FOR 2021 AND 2022 HARVEST SPECIFICATIONS AND MANAGEMENT MEASURES.

During the review of the draft preliminary environmental assessment for the 2021-2022 harvest specifications and management measures, several typographical errors were found in preferred harvest specification Tables 2-1 and 2-2 of [Agenda Item F.1, Attachment 7, June 2020](#). These tables had been excerpted from [Agenda Item F.1, Attachment 8, June 2020](#).

As the harvest specifications shown in [Agenda Item F.1, Attachment 7, June 2020](#) were adopted by the Pacific Fishery Management Council (Council) in June, it is recommended that the Council consider approving these corrections to ensure Council documents provide management entities and the public the correct harvest specification amounts. Under the Pacific Coast Groundfish Fishery Management Plan, section 5.5.1, inseason adjustment of harvest specifications “...in cases where the harvest specification announced at the beginning of the biennial fishing period is found to have resulted from incorrect data or computational errors...” are allowed.

The errors were: 1) annual catch limits (ACLs) for both sablefish north and south of 36° North latitude (N. lat) incorrect and 2) the coastwide apportionment of the acceptable biological catch (ABC) for sablefish south of 36° N. lat was incorrectly listed as 21.5 percent

1) Sablefish ACLs

The correct ACL values for sablefish north of 36° N. lat are 6,892 mt and 6,566 mt in 2021 and 2022, respectively. The correct ACL values for sablefish south of 36° N. lat are 1,899 mt and 1,809 mt in 2021 and 2022, respectively. Table 1 shows a comparison of the incorrect ACLs to the correct ACLs.

2) Sablefish Apportionment

The correct apportionment for sablefish south of 36° N. lat is 21.6 percent. This apportionment percentage is reflected in the corrected ACLs in Table 1.

Table 1. Incorrect versus correct sablefish ACL values, by area, compared for 2021 and 2022.

Year	Area	Incorrect ACLs	Correct ACLs	Difference
2021	N of 36 N. lat	6,479 mt	6,892 mt	+413 mt
2022	N of 36 N. lat	6,172 mt	6,566 mt	+394 mt
2021	S of 36 N. lat	2,312 mt	1,899 mt	-413 mt
2022	S of 36 N. lat	2,203 mt	1,809 mt	-394 mt

Table 2 and Table 3 below show the corrected 2021 and 2022 harvest specifications tables for sablefish.

For reference, the allocations to the fishery are shown below in Table 4 through Table 7. Additional text is provided as well.

Table 2. 2021 harvest specifications (overfishing limits (OFLs in mt), acceptable biological catches (ABCs in mt), and annual catch limits (ACLs in mt)) under preferred harvest control rules and stock complex restructuring for determining these specifications, for sablefish north and south of 36° N. lat.

Stock or Complex	Area	Cat.	P* (ABC Buffer)	OFL	ABC	ACL	Notes
Sablefish	CW	1 (Year Based)	0.45 (0.065)	9402	8791		
Sablefish	N of 36	1 (Year Based)	0.45 (0.065)	-	-	6892	The ACLs are apportioned north (78.4%) and south (21.6%) of 40°10' N lat. using the coastwide ABCs based on average trawl survey biomass from 2014-2018.
Sablefish	S of 36	1 (Year Based)	0.45 (0.065)	-	-	1899	The ACLs are apportioned north (78.4%) and south (21.6%) of 40°10' N lat. using the coastwide ABCs based on average trawl survey biomass from 2014-2018.

Table 3. 2022 harvest specifications (overfishing limits (OFLs in mt), acceptable biological catches (ABCs in mt), and annual catch limits (ACLs in mt)) under preferred harvest control rules and stock complex restructuring for determining these specifications, for sablefish north and south of 36° N. lat..

Stock or Complex	Area	Cat.	P* (ABC Buffer)	OFL	ABC	ACL	Notes
Sablefish	CW	1 (Year Based)	0.45 (0.070)	9005	8375		
Sablefish	N of 36	1 (Year Based)	0.45 (0.070)	-	-	6566	The ACLs are apportioned north (78.4%) and south (21.6%) of 40°10' N lat. using the coastwide ABCs based on average trawl survey biomass from 2014-2018.
Sablefish	S of 36	1 (Year Based)	0.45 (0.070)	-	-	1809	The ACLs are apportioned north (78.4%) and south (21.6%) of 40°10' N lat. using the coastwide ABCs based on average trawl survey biomass from 2014-2018.

Sablefish Tables

The following tables show the distribution of sablefish harvest amounts from the ACL to fishery sector based on the correct ACLs. It is important to note, that when developing the management measures, the groundfish analysts used the correct ACLs – 6,892mt for 2021 and 6,566 mt for 2022– and apportionment percentage (78.4 percent) for sablefish north of 36° N. lat (Table 4 and Table 5). Table 4 and Table 5 are from data excerpted from [Agenda Item F.1, Attachment 8, June 2020](#) and shown for reference.

Table 4. Sablefish north of 36° N. lat off-the-top deductions under the preferred alternative for 2021 and 2022 in metric tons.

Year	Area	ACL	Tribal	Research	Rec.	EFP	Sum	Commercial HG
2021	N. of 36° N. lat.	6,892.0	689.2	30.7	6.0	1.1	727.0	6,165.0
2022	N of 36° N. lat.	6,566.0	656.6	30.7	6.0	1.1	694.4	5,871.6

Table 5. Sablefish north of 36° N. lat. commercial harvest guidelines (HG) under the preferred alternative and allocations for limited entry and open access in metric tons (mt). Limited entry is further allocated to trawl and fixed gear (FG) sectors.

Year	Commercial HG	Limited Entry HG		Limited Entry Trawl		Limited Entry FG		Open Access HG	
		%	mt	%	mt	%	mt	%	mt
2021	6,165.0	90.6	5,585.5	58	3,239.59	42	2,345.9	9.4	579.5
2022	5,871.6		5,319.7		3,085.4		2,234.3		551.9

One minor correction to Table 4-8 and Table 4-9 in [Agenda Item F.1, Attachment 8, June 2020](#) for sablefish south of 36° N. lat. must also be reported. Analysts inadvertently applied the 21.5 percent apportionment to the coastwide sablefish ABC instead of the correct value of 21.6 percent in these tables. The ACLs shown in these tables were lower than the correct ACLs by 9 mt and 8 mt for 2021 and 2022, respectively. Table 6 and Table 7 below show the corrected amounts for sablefish south of 36° N. lat. for 2021 and 2022.

Table 6. Sablefish south of 36° N. lat off-the-top deductions under the preferred alternative for 2021 and 2022 in metric tons.

Year	Area	ACL	Tribal	EFP	Research	IOA	Set-aside Total	Fishery HG
2021	S. of 36° N. lat.	1,899	-	0.0	2.40	25.00	27.40	1,871.6
2022	S. of 36° N. lat.	1,809	-	0.0	2.40	25.00	27.40	1,781.6

Table 7. Sablefish south of 36° N. lat. commercial harvest guidelines (HG) under the preferred alternative and trawl and non-trawl allocations

Year	Area	Fishery HG	Trawl		Non-Trawl	
			%	mt	%	mt
2021	S. of 36° N. lat.	1,871.6	42	786.1	58	1,085.5
2022	S. of 36° N. lat.	1,781.6	42	748.3	58	1,033.3