

North Pacific Fishery Management Council
C2 BSAI Groundfish Harvest Specifications, Council motion
October 4, 2018

The Council adopts the proposed 2019 and 2020 Bering Sea and Aleutian Islands groundfish specifications of OFLs and ABCs as recommended by the SSC and sets the TACs as shown in the attached BSAI Table 1, with all proposed specifications consisting of rollovers of final specifications from 2019.

The Council adopts the 2019 and 2020 flatfish flexibility ABC reserves as shown in Table 7, attached.

The Council adopts the PSC limits as shown in Tables 8, 9, 10, and 11, attached, for halibut, red king crab, Tanner crab, opilio crab, and herring and their gear type and target fishery apportionments. The 2019 and 2020 crab PSC limits have been revised using current biomass amounts and herring psC limits will be revised when the most current biomass amounts are known.

The Council adopts the halibut DMRs for 2019 and 2020 as shown in Table 12, attached.

Table 1. BSAI - Council Proposed OFL and ABC, and AP Proposed TAC Recommendations (metric tons) for 2019-2020

10/4/2018

| Species | Area | 2017 | | | Catch as of 12/31/2017 | 2018 | | | Catch as of 9/8/2018 | 2019 and 2020 | | |
|--------------------------------|----------|------------------|------------------|------------------|---------------------------|------------------|------------------|------------------|-------------------------|------------------|------------------|------------------|
| | | OFL | ABC | TAC | | OFL | ABC | TAC | | OFL | ABC | TAC |
| Pollock | EBS | 3,640,000 | 2,800,000 | 1,345,000 | 1,359,274 | 4,797,000 | 2,592,000 | 1,364,341 | 1,294,454 | 4,592,000 | 2,467,000 | 1,384,200 |
| | AI | 43,650 | 36,061 | 19,000 | 1,507 | 49,289 | 40,788 | 19,000 | 1,748 | 37,431 | 30,803 | 19,000 |
| | Bogoslof | 130,428 | 60,800 | 500 | 186 | 130,428 | 60,800 | 450 | 9 | 130,428 | 60,800 | 500 |
| Pacific cod | BS | 284,000 | 239,000 | 223,704 | 222,814 | 238,000 | 201,000 | 188,136 | 142,502 | 201,000 | 170,000 | 159,120 |
| | AI | 28,700 | 21,500 | 15,695 | 12,258 | 28,700 | 21,500 | 15,695 | 10,906 | 28,700 | 21,500 | 15,695 |
| Sablefish | BS | 1,499 | 1,274 | 1,274 | 1,159 | 2,887 | 1,464 | 1,464 | 1,422 | 4,576 | 2,061 | 2,061 |
| | AI | 2,044 | 1,735 | 1,735 | 590 | 3,917 | 1,988 | 1,988 | 457 | 6,209 | 2,798 | 2,798 |
| Yellowfin sole | BSAI | 287,000 | 260,800 | 154,000 | 132,266 | 306,700 | 277,500 | 154,000 | 97,101 | 295,600 | 267,500 | 156,000 |
| Greenland turbot | BSAI | 11,615 | 6,644 | 4,500 | 2,834 | 13,148 | 11,132 | 5,294 | 1,765 | 13,540 | 11,473 | 5,294 |
| | BS | n/a | 5,800 | 4,375 | 2,712 | n/a | 9,718 | 5,125 | 1,614 | n/a | 10,016 | 5,125 |
| | AI | n/a | 844 | 125 | 122 | n/a | 1,414 | 169 | 151 | n/a | 1,457 | 169 |
| Arrowtooth flounder | BSAI | 76,100 | 65,371 | 14,000 | 6,518 | 76,757 | 65,932 | 13,621 | 4,528 | 75,084 | 64,494 | 14,000 |
| Kamchatka flounder | BSAI | 10,360 | 8,880 | 5,000 | 4,503 | 11,347 | 9,737 | 5,000 | 2,814 | 12,022 | 10,317 | 5,000 |
| Northern rock sole | BSAI | 159,700 | 155,100 | 47,100 | 35,214 | 147,300 | 143,100 | 47,100 | 27,513 | 136,000 | 132,000 | 49,100 |
| Flathead sole | BSAI | 81,654 | 68,278 | 14,500 | 9,149 | 79,862 | 66,773 | 14,500 | 8,262 | 78,036 | 65,227 | 16,500 |
| Alaska plaice | BSAI | 42,800 | 36,000 | 13,000 | 16,492 | 41,170 | 34,590 | 16,100 | 21,453 | 38,800 | 32,700 | 16,252 |
| Other flatfish | BSAI | 17,591 | 13,193 | 2,500 | 4,133 | 17,591 | 13,193 | 4,000 | 5,871 | 17,591 | 13,193 | 4,000 |
| Pacific Ocean perch | BSAI | 53,152 | 43,723 | 34,900 | 32,544 | 51,675 | 42,509 | 37,361 | 25,524 | 50,098 | 41,212 | 37,880 |
| | BS | n/a | 12,199 | 11,000 | 8,987 | n/a | 11,861 | 11,861 | 4,024 | n/a | 11,499 | 11,499 |
| | EAI | n/a | 10,307 | 7,900 | 7,803 | n/a | 10,021 | 9,000 | 6,370 | n/a | 9,715 | 9,715 |
| | CAI | n/a | 8,009 | 7,000 | 6,868 | n/a | 7,787 | 7,500 | 6,767 | n/a | 7,549 | 7,549 |
| | WAI | n/a | 13,208 | 9,000 | 8,886 | n/a | 12,840 | 9,000 | 8,363 | n/a | 12,449 | 9,117 |
| Northern rockfish | BSAI | 16,242 | 13,264 | 5,000 | 4,699 | 15,888 | 12,975 | 6,100 | 5,286 | 15,563 | 12,710 | 6,500 |
| Blackspotted/Rougheye Rockfish | BSAI | 612 | 501 | 225 | 205 | 749 | 613 | 225 | 190 | 829 | 678 | 225 |
| | EBS/EAI | n/a | 306 | 100 | 71 | n/a | 374 | 75 | 45 | n/a | 414 | 75 |
| | CAI/WAI | n/a | 195 | 125 | 134 | n/a | 239 | 150 | 145 | n/a | 264 | 150 |
| Shortraker rockfish | BSAI | 666 | 499 | 125 | 161 | 666 | 499 | 150 | 147 | 666 | 499 | 150 |
| Other rockfish | BSAI | 1,816 | 1,362 | 875 | 831 | 1,816 | 1,362 | 845 | 763 | 1,816 | 1,362 | 845 |
| | BS | n/a | 791 | 325 | 261 | n/a | 791 | 275 | 145 | n/a | 791 | 275 |
| | AI | n/a | 571 | 550 | 570 | n/a | 571 | 570 | 618 | n/a | 571 | 570 |
| Atka mackerel | BSAI | 102,700 | 87,200 | 65,000 | 64,449 | 108,600 | 92,000 | 71,000 | 54,474 | 97,200 | 84,400 | 72,500 |
| | EAI/BS | n/a | 34,890 | 34,500 | 34,267 | n/a | 36,820 | 36,500 | 21,435 | n/a | 33,780 | 33,780 |
| | CAI | n/a | 30,330 | 18,000 | 17,749 | n/a | 32,000 | 21,000 | 20,077 | n/a | 29,350 | 24,895 |
| | WAI | n/a | 21,980 | 12,500 | 12,433 | n/a | 23,180 | 13,500 | 12,962 | n/a | 21,270 | 13,825 |
| Skates | BSAI | 49,063 | 41,144 | 26,000 | 31,892 | 46,668 | 39,082 | 27,000 | 13,517 | 44,202 | 36,957 | 27,000 |
| Sculpins | BSAI | 56,582 | 42,387 | 4,500 | 5,342 | 53,201 | 39,995 | 5,000 | 4,173 | 53,201 | 39,995 | 5,000 |
| Sharks | BSAI | 689 | 517 | 125 | 142 | 689 | 517 | 180 | 85 | 689 | 517 | 180 |
| Squids | BSAI | 6,912 | 5,184 | 1,342 | 1,996 | 6,912 | 5,184 | 1,200 | 1,456 | 0 | 0 | 0 |
| Octopuses | BSAI | 4,769 | 3,576 | 400 | 281 | 4,769 | 3,576 | 250 | 160 | 4,769 | 3,576 | 200 |
| Total | BSAI | 5,110,344 | 4,013,993 | 2,000,000 | 1,951,439 | 6,235,729 | 3,779,809 | 2,000,000 | 1,726,580 | 5,936,050 | 3,573,772 | 2,000,000 |

Sources: 2017 OFLs, ABCs, and TACs and 2018 OFLs and ABCs are from harvest specifications adopted by the Council in December 2016 and December 2017, respectively; 2017 catches through December 31, 2018 catches through September 8, 2018 from AKR Catch Accounting.

TABLE 7—PROPOSED 2019 AND 2020 ABC SURPLUS, ABC RESERVES, COMMUNITY DEVELOPMENT QUOTA (CDQ) ABC RESERVES, AND AMENDMENT 80 ABC RESERVES IN THE BSAI FOR FLATHEAD SOLE, ROCK SOLE, AND YELLOWFIN SOLE

| [Amounts are in metric tons] | | | |
|------------------------------|---------------|-----------|----------------|
| Sector | Flathead sole | Rock sole | Yellowfin sole |
| ABC | 65,227 | 132,000 | 267,500 |
| TAC | 15,500 | 49,100 | 156,000 |
| ABC surplus | 49,727 | 82,900 | 111,500 |
| ABC reserve | 49,727 | 82,900 | 111,500 |
| CDQ ABC reserve | 5,321 | 8,870 | 11,931 |
| Amendment 80 ABC reserve | 44,406 | 74,030 | 99,570 |

TABLE 8—PROPOSED 2019 AND 2020 APPORTIONMENT OF PROHIBITED SPECIES CATCH ALLOWANCES TO NON-TRAWL GEAR, THE CDQ PROGRAM, AMENDMENT 80, AND THE BSAI TRAWL LIMITED ACCESS SECTORS

| PSC species and area ¹ | Total PSC | Non-trawl PSC | CDQ PSQ reserve ² | Trawl PSC remaining after CDQ PSQ | Am 80 sector ³ | BSAI trawl limited access fishery |
|--|------------|---------------|------------------------------|-----------------------------------|---------------------------|-----------------------------------|
| Halibut mortality (mt) BSAI | 3,515 | 710 | 315 | n/a | 1,745 | 745 |
| Herring (mt) BSAI | 1,830 | n/a | n/a | n/a | n/a | n/a |
| Red king crab (animals) Zone 1 | 97,000 | n/a | 10,379 | 86,621 | 43,293 | 26,489 |
| <i>C. opilio</i> (animals) COBLZ | 11,916,450 | n/a | 1,275,060 | 10,641,390 | 5,230,243 | 3,420,143 |
| <i>C. bairdi</i> crab (animals) Zone 1 | 980,000 | n/a | 104,860 | 875,140 | 368,521 | 411,228 |
| <i>C. bairdi</i> crab (animals) Zone 2 | 2,970,000 | n/a | 317,790 | 2,652,210 | 627,778 | 1,241,500 |

¹ Refer to § 679.2 for definitions of zones.

² The PSQ reserve for crab species is 10.7% of each crab PSC limit.

³ The Amendment 80 program reduced apportionment of the trawl PSC limits for crab below the total PSC limit. These reductions are not apportioned to other gear types or sectors.

TABLE 9-PROPOSED 2019 AND 2020 HERRING AND RED KING CRAB SAVINGS SUBAREA PROHIBITED SPECIES CATCH ALLOWANCES FOR ALL TRAWL SECTORS

| Fishery categories | Herring (mt) BSAI | Red king crab (animals) Zone 1 |
|---|-------------------|--------------------------------|
| Yellowfin sole | 80 | n/a |
| Rock sole/flathead sole/other flatfish ¹ | 39 | n/a |
| Greenland turbot/arrowtooth flounder/Kamchatka flounder/sablefish | 5 | n/a |
| Rockfish | 5 | n/a |
| Pacific cod | 9 | n/a |
| Midwater trawl pollock | 1,662 | n/a |
| Pollock/Atka mackerel/other species ^{2,3} | 30 | n/a |
| Red king crab savings subarea non-pelagic trawl gear ⁴ | n/a | 24,250 |
| Total trawl PSC | 1,830 | 97,000 |

¹ "Other flatfish" for PSC monitoring includes all flatfish species, except for halibut (a prohibited species), arrowtooth flounder, flathead sole, Greenland turbot, Kamchatka flounder, rock sole, and yellowfin sole.

² Pollock other than midwater trawl pollock, Atka mackerel, and "other species" fishery category.

³ "Other species" for PSC monitoring includes sculpins, sharks, skates, and octopuses.

⁴ In October 2018, the Council recommended that the red king crab bycatch limit for non-pelagic trawl fisheries within the RKCSS be limited to 25% of the red king crab PSC allowance (see § 679.21(e)(3)(ii)(B)(2)).

Note: Species apportionments may not total precisely due to rounding.

TABLE 10—PROPOSED 2019 AND 2020 PROHIBITED SPECIES BYCATCH ALLOWANCES FOR THE BSAI TRAWL LIMITED ACCESS SECTOR

| BSAI trawl limited access fisheries | Prohibited species and area ¹ | | | | |
|---|--|--------------------------------|----------------------------------|----------------------------|-----------|
| | Halibut mortality (mt) BSAI | Red king crab (animals) Zone 1 | <i>C. opilio</i> (animals) COBLZ | <i>C. bairdi</i> (animals) | |
| | | | | Zone 1 | Zone 2 |
| Yellowfin sole | 150 | 23,338 | 3,224,126 | 346,228 | 1,185,500 |
| Rock sole/flathead sole/other flatfish ² | - | - | - | - | 0 |
| Greenland turbot/arrowtooth flounder/Kamchatka flounder/sablefish | - | - | - | - | 0 |
| Rockfish April 15-December 31 | 4 | - | 5,326 | - | 1,000 |
| Pacific cod | 391 | 2,954 | 137,426 | 60,000 | 49,999 |
| Pollock/Atka mackerel/other species ³ | 200 | 197 | 53,265 | 5,000 | 5,000 |
| Total BSAI trawl limited access PSC | 745 | 26,489 | 3,420,143 | 411,228 | 1,241,500 |

¹ Refer to § 679.2 for definitions of areas.

² “Other flatfish” for PSC monitoring includes all flatfish species, except for halibut (a prohibited species), arrowtooth flounder, flathead sole, Greenland turbot, Kamchatka flounder, rock sole, and yellowfin sole.

³ “Other species” for PSC monitoring includes sculpins, sharks, skates, and octopuses.

Note: Species apportionments may not total precisely due to rounding.

TABLE 11—PROPOSED 2019 AND 2020 HALIBUT PROHIBITED SPECIES BYCATCH ALLOWANCES FOR NON-TRAWL FISHERIES

| Halibut mortality (mt) BSAI | | | | |
|---------------------------------|-----------------------|-------------------|----------------|---------------|
| Non-trawl fisheries | Seasons | Catcher/processor | Catcher vessel | All Non-Trawl |
| Pacific cod | Annual Pacific cod | 648 | 13 | n/a |
| | January 1-June 10 | 388 | 9 | n/a |
| | June 10-August 15 | 162 | 2 | n/a |
| | August 15-December 31 | 98 | 2 | n/a |
| Non-Pacific cod non-trawl-Total | May 1-December 31 | n/a | n/a | 49 |
| Groundfish pot and jig | n/a | n/a | n/a | Exempt |
| Sablefish hook-and-line | n/a | n/a | n/a | Exempt |
| Total for all non-trawl PSC | n/a | n/a | n/a | 710 |

TABLE 12—PROPOSED 2019 AND 2020 PACIFIC HALIBUT DISCARD
MORTALITY RATES FOR THE BSAI

| Gear | Sector | Halibut discard mortality rate (percent) |
|-------------------|-------------------------------------|---|
| Pelagic trawl | All | 100 |
| Non-pelagic trawl | Mothership and catcher/processor | 78 |
| Non-pelagic trawl | Catcher vessel | 59 |
| Hook-and-line | Catcher vessel | 4 |
| Hook-and-line | Catcher/processor | 8 |
| Pot | All | 19 |