## Council motion

## C-6 Proposed Gulf of Alaska Groundfish Harvest Specifications

October 14, 2021

The Council adopts the proposed 2022 and 2023 Gulf of Alaska groundfish specifications for OFLs and ABCs as recommended by the SSC and the TACs shown in Table 1. Final specifications will be approved in December. The TACs for both Gulf of Alaska Pacific cod and pollock have been adjusted to account for the State water GHL fisheries. The proposed Gulf of Alaska Pacific cod adjustments for state water GHL fisheries are shown in Table 2.

The Council adopts the proposed 2022 and 2023 annual and seasonal Pacific halibut PSC limits and apportionments in the Gulf of Alaska as provided in Tables 9, 10, and 11.

The Council adopts the proposed 2022 and 2023 halibut discard mortality rates for the Gulf of Alaska as shown in Table 12.

|  | Area |  | 2020 |  | Catch as of |  | 2021 |  | Catch as of |  | 202-2023 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Species |  | OFL | ABC | TAC | 12/31/2020 | OFL | ABC | TAC | 9/11/2021 | OFL | ABC | TAC |
| Pollock |  | n/a | 2,712 | - |  | n/a | 2,643 | n/a |  | n/a | 2,298 | n/a |
|  | W (610) | n/a | 19,175 | 19,175 | 19,005 | n/a | 18,477 | 18,477 | 10,635 | n/a | 16,067 | 16,067 |
|  | C (620) | n/a | 54,456 | 54,456 | 55,399 | n/a | 54,870 | 54,870 | 40,993 | n/a | 47,714 | 47,714 |
|  | C (630) | n/a | 26,597 | 26,597 | 25,575 | n/a | 24,320 | 24,320 | 10,020 | n/a | 21,149 | 21,149 |
|  | WYAK | n/a | 5,554 | 5,554 | 5,180 | n/a | 5,412 | 5,412 | 5,143 | n/a | 4,706 | 4,706 |
|  | Subtotal | 140,674 | 108,494 | 105,782 | 105,159 | 123,455 | 105,722 | 103,079 | 66,791 | 106,767 | 91,934 | 89,636 |
|  | EYAK/SEO | 13,531 | 10,148 | 10,148 | - | 13,531 | 10,148 | 10,148 | 1 | 13,531 | 10,148 | 10,148 |
|  | Total | 154,205 | 118,642 | 115,930 | 105,159 | 136,986 | 115,870 | 113,227 | 66,792 | 120,298 | 102,082 | 99,784 |
| Pacific Cod |  | n/a | 4,942 | 2,076 | 222 | n/a | 7,986 | 5,590 | 3,417 | n/a | 12,892 | 9,024 |
|  | W | $\mathrm{n} / \mathrm{a}$ | 8,458 | 3,806 | 3,501 | n/a | 13,656 | 10,242 | 6,996 | n/a | 22,045 | 16,534 |
|  | E | n/a | 1,221 | 549 | 221 | n/a | 1,985 | 1,489 | 198 | n/a | 3,204 | 2,403 |
|  | Total | 17,794 | 14,621 | 6,431 | 3,944 | 28,977 | 23,627 | 17,321 | 10,611 | 46,587 | 38,141 | 27,961 |
| SablefishAlaska-wide OFL and ABC | W | n/a | 2,278 | 1,942 | 1,469 | n/a | 3,224 | 2,428 | 1,190 | n/a | 4,165 | 4,165 |
|  | C | $\mathrm{n} / \mathrm{a}$ | 7,560 | 6,445 | 6,053 | n/a | 9,527 | 8,056 | 5,214 | n/a | 11,111 | 11,111 |
|  | WYAK | n/a | 2,521 | 2,343 | 1,834 | n/a | 3,451 | 2,929 | 1,858 | n/a | 4,009 | 4,009 |
|  | SEO | n/a | 4,524 | 3,663 | 3,139 | n/a | 5,273 | 4,579 | 2,576 | n/a | 5,946 | 5,946 |
|  | GOA Total | n/a | 16,883 | 14,393 | 12,495 | n/a | 21,475 | 17,992 | 10,838 | n/a | 25,231 | 25,231 |
|  | AK Total | 50,481 | 22,009 | n/a | n/a | 60,426 | 29,588 | n/a |  | 70,710 | 36,955 | n/a |
| Shallow-Water Flatfish | W | n/a | 23,849 | 13,250 | 20 | n/a | 24,151 | 13,250 | 20 | n/a | 24,460 | 13,250 |
|  |  | n/a | 27,732 | 27,732 | 4,338 | n/a | 28,082 | 28,082 | 1,354 | n/a | 28,442 | 28,442 |
|  | C ${ }_{\text {WYAK }}$ | $\mathrm{n} / \mathrm{a}$ | 2,773 | 2,773 | 1 | n/a | 2,808 | 2,808 | 1 | n/a | 2,844 | 2,844 |
|  | EYAK/SEO | n/a | 1,109 | 1,109 | 1 | n/a | 1,123 | 1,123 | 1 | n/a | 1,137 | 1,137 |
|  | Total | 68,010 | 55,463 | 44,864 | 4,360 | 68,841 | 56,164 | 45,263 | 1,376 | 69,691 | 56,883 | 45,673 |
| Deep-Water Flatfish | W | n/a | 226 | 226 | 1 | n/a | 225 | 225 | 1 | n/a | 225 | 225 |
|  | C WYAK | n/a | 1,948 | 1,948 | 98 | n/a | 1,914 | 1,914 | 67 | n/a | 1,914 | 1,914 |
|  |  | n/a | 2,105 | 2,105 | 3 | n/a | 2,068 | 2,068 | 5 | n/a | 2,068 | 2,068 |
|  | WYAK <br> EYAKISEO | $\mathrm{n} / \mathrm{a}$ | 1,751 | 1,751 | 3 | n/a | 1,719 | 1,719 | 4 | n/a | 1,719 | 1,719 |
|  | Total | 7,163 | 6,030 | 6,030 | 105 | 7,040 | 5,926 | 5,926 | 77 | 7,040 | 5,926 | 5,926 |
| Rex Sole |  | n/a | 2,901 | 2,901 | 36 | n/a | 3,013 | 3,013 | 9 | n/a | 3,013 | 3,013 |
|  | W | n/a | 8,579 | 8,579 | 1,201 | n/a | 8,912 | 8,912 | 183 | n/a | 8,912 | 8,912 |
|  | WYAK | $\mathrm{n} / \mathrm{a}$ | 1,174 | 1,174 | 1 | n/a | 1,206 | 1,206 | 1 | n/a | 1,206 | 1,206 |
|  | EYAK/SEO | $\mathrm{n} / \mathrm{a}$ | 2,224 | 2,224 | - | n/a | 2,285 | 2,285 | - | n/a | 2,285 | 2,285 |
|  | Total | 18,127 | 14,878 | 14,878 | 1,238 | 18,779 | 15,416 | 15,416 | 193 | 18,779 | 15,416 | 15,416 |
| Arrowtooth Flounder |  | n/a | 31,455 | 14,500 | 282 | n/a | 32,377 | 14,500 | 135 | n/a | 31,479 | 14,500 |
|  | $\begin{aligned} & \mathrm{W} \\ & \mathrm{c} \end{aligned}$ | $\mathrm{n} / \mathrm{a}$ | 68,669 | 68,669 | 20,755 | n/a | 69,072 | 69,072 | 7,963 | n/a | 67,154 | 67,154 |
|  |  | n/a | 10,242 | 6,900 | 49 | n/a | 8,380 | 6,900 | 46 | n/a | 8,147 | 6,900 |
|  | WYAK <br> EYAK/SEO | n/a | 17,694 | 6,900 | 35 | n/a | 17,141 | 6,900 | 20 | n/a | 16,665 | 6,900 |
|  | Total | 153,017 | 128,060 | 96,969 | 21,121 | 151,723 | 126,970 | 97,372 | 8,164 | 147,515 | 123,445 | 95,454 |
| Flathead Sole | W | n/a | 13,783 | 8,650 | 100 | n/a | 14,209 | 8,650 | 23 | n/a | 14,380 | 8,650 |
|  | C | n/a | 20,201 | 15,400 | 1,811 | n/a | 20,826 | 15,400 | 449 | n/a | 21,076 | 15,400 |
|  | WYAK | $\mathrm{n} / \mathrm{a}$ | 2,354 | 2,354 | - | n/a | 2,427 | 2,427 | - | n/a | 2,456 | 2,456 |
|  | EYAK/SEO | n/a | 1,858 | 1,858 | - | n/a | 1,915 | 1,915 | - | n/a | 1,939 | 1,939 |
|  | Total | 46,572 | 38,196 | 28,262 | 1,911 | 47,982 | 39,377 | 28,392 | 472 | 48,534 | 39,851 | 28,445 |
| Pacific ocean perch | W | n/a | 1,437 | 1,437 | 1,336 | n/a | 1,643 | 1,643 | 1,322 | n/a | 1,572 | 1,572 |
|  | c | n/a | 23,678 | 23,678 | 22,389 | n/a | 27,429 | 27,429 | 21,442 | n/a | 26,234 | 26,234 |
|  | WYAK | n/a | 1,470 | 1,470 | 1,466 | n/a | 1,705 | 1,705 | 1,662 | n/a | 1,631 | 1,631 |
|  | W/C/WYAK | 31,567 | 26,585 | 26,585 | 25,191 | 36,563 | 30,777 | 30,777 | 24,426 | 34,974 | 29,437 | 29,437 |
|  | SEO | 5,525 | 4,653 | 4,653 | - | 6,414 | 5,400 | 5,400 | - | 6,136 | 5,165 | 5,165 |
|  | Total | 37,092 | 31,238 | 31,238 | 25,191 | 42,977 | 36,177 | 36,177 | 24,426 | 41,110 | 34,602 | 34,602 |
| Northern Rockfish | W | n/a | 1,133 | 1,133 | 770 | n/a | 2,023 | 2,023 | 332 | n/a | 1,926 | 1,926 |
|  | $\mathrm{C}$ | n/a | 3,178 | 3,178 | 1,615 | n/a | 3,334 | 3,334 | 1,656 | n/a | 3,173 | 3,173 |
|  |  | n/a | 1 | - | - | n/a | 1 | - | - | n/a | 1 | - |
|  | E Total | 5,143 | 4,312 | 4,311 | 2,385 | 6,396 | 5,358 | 5,357 | 1,988 | 6,088 | 5,100 | 5,099 |
| Shortraker Rockfish | W | n/a | 52 | 52 | 6 | n/a | 52 | 52 | 2 | n/a | 52 | 52 |
|  | C | $\mathrm{n} / \mathrm{a}$ | 284 | 284 | 186 | n/a | 284 | 284 | 152 | n/a | 284 | 284 |
|  | E | n/a | 372 | 372 | 299 | n/a | 372 | 372 | 243 | n/a | 372 | 372 |
|  | W Total | 944 | 708 | 708 | 491 | 944 | 708 | 708 | 397 | 944 | 708 | 708 |
| Dusky Rockfish |  | n/a | 776 | 776 | 231 | n/a | 270 | 270 | 91 | n/a | 265 | 265 |
|  | C | $\mathrm{n} / \mathrm{a}$ | 2,746 | 2,746 | 1,883 | n/a | 4,548 | 4,548 | 2,656 | n/a | 4,469 | 4,469 |
|  | WYAK EYAK/SEO | $\mathrm{n} / \mathrm{a}$ | 115 | 115 | 83 | n/a | 468 | 468 | 30 | n/a | 460 | 460 |
|  |  | $\mathrm{n} / \mathrm{a}$ | 39 | 39 | 1 | n/a | 103 | 103 | - | n/a | 101 | 101 |
|  | W Total | 4,492 | 3,676 | 3,676 | 2,198 | 8,655 | 5,389 | 5,389 | 2,777 | 8,423 | 5,295 | 5,295 |
| Rougheye and Blackspotted Rockfish |  | n/a | 168 | 168 | 4 | n/a | 168 | 168 | 20 | n/a | 170 | 170 |
|  | C | n/a | 455 | 455 | 185 | n/a | 456 | 456 | 130 | n/a | 459 | 459 |
|  | E Total | n/a | 586 | 586 | 194 | n/a | 588 | 588 | 159 | n/a | 592 | 592 |
|  |  | 1,452 | 1,209 | 1,209 | 383 | 1,456 | 1,212 | 1,212 | 309 | 1,467 | 1,221 | 1,221 |
| Demersal shelf rockfish | Total | 375 | 238 | 238 | 105 | 405 | 257 | 257 | 84 | 405 | 257 | 257 |
| Thornyhead Rockfish | W | n/a | 326 | 326 | 50 | n/a | 352 | 352 | 35 | n/a | 352 | 352 |
|  | C | n/a | 911 | 911 | 208 | n/a | 910 | 910 | 82 | n/a | 910 | 910 |
|  | E | $\mathrm{n} / \mathrm{a}$ | 779 | 779 | 204 | n/a | 691 | 691 | 114 | n/a | 691 | 691 |
|  | Total | 2,688 | 2,016 | 2,016 | 462 | 2,604 | 1,953 | 1,953 | 231 | 2,604 | 1,953 | 1,953 |
| Other Rockfish | W/C | n/a | 940 | 940 | 663 | n/a | 940 | 940 | 989 | n/a | 940 | 940 |
|  | WYAK | $\mathrm{n} / \mathrm{a}$ | 369 | 369 | 109 | n/a | 369 | 369 | 114 | n/a | 369 | 369 |
|  | EYAK/SEO | n/a | 2,744 | 2,744 | 110 | n/a | 2,744 | 300 | 24 | n/a | 2,744 | 300 |
|  | Total | 5,320 | 4,053 | 4,053 | 882 | 5,320 | 4,053 | 1,609 | 1,127 | 5,320 | 4,053 | 1,609 |
| Atka mackerel | Total | 6,200 | 4,700 | 3,000 | 608 | 6,200 | 4,700 | 3,000 | 792 | 6,200 | 4,700 | 3,000 |
| Big Skate | W | n/a | 758 | 758 | 28 | n/a | 758 | 758 | 121 | n/a | 758 | 758 |
|  | C | $\mathrm{n} / \mathrm{a}$ | 1,560 | 1,560 | 785 | n/a | 1,560 | 1,560 | 335 | n/a | 1,560 | 1,560 |
|  | E | n/a | 890 | 890 | 148 | n/a | 890 | 890 | 97 | n/a | 890 | 890 |
|  | Total | 4,278 | 3,208 | 3,208 | 961 | 4,278 | 3,208 | 3,208 | 553 | 4,278 | 3,208 | 3,208 |
| Longnose Skate |  | n/a | 158 | 158 | 20 | n/a | 158 | 158 | 28 | n/a | 158 | 158 |
|  | $\begin{aligned} & \text { W } \\ & \text { C } \end{aligned}$ | n/a | 1,875 | 1,875 | 348 | n/a | 1,875 | 1,875 | 396 | n/a | 1,875 | 1,875 |
|  | E Total | n/a | 554 | 554 | 248 | n/a | 554 | 554 | 383 | n/a | 554 | 554 |
|  |  | 3,449 | 2,587 | 2,587 | 616 | 3,449 | 2,587 | 2,587 | 807 | 3,449 | 2,587 | 2,587 |
| Other Skates | GOA-wide | 1,166 | 875 | 875 | 461 | 1,166 | 875 | 875 | 487 | 1,166 | 875 | 875 |
| Sculpins | GOA-wide | 6,932 | 5,199 | 5,199 | 535 | - | - | - |  | - | - | - |
| Sharks | GOA-wide | 10,913 | 8,184 | 8,184 | 1,481 | 5,006 | 3,755 | 3,755 | 821 | 5,006 | 3,755 | 3,755 |
| Octopuses | GOA-wide | 1,307 | 980 | 980 | 79 | 1,307 | 980 | 980 | 22 | 1,307 | 980 | 980 |
| TOTAL |  | 607,120 | 465,956 | 399,239 | 187,171 | 610,917 | 476,037 | 407,976 | 133,344 | 616,921 | 476,269 | 409,039 |
| Sources: 2020 OFLs, ABCs, and TACs are from harvest specifications adopted by the Council in December 2019, and 2020 catches through December 31 from AKR Catch Accounting. 2021 OFLs, ABCs, and TACs, as well as 2022 OFLs and ABCs, are from harvest specifications adopted by the Council in December 2020. 2021 catches through September 11, 2021 from AKR Catch Accounting. |  |  |  |  |  |  |  |  |  |  |  |  |

Table 2. Proposed 2022 and 2023 Gulf of Alaska Pacific cod ABCs, TACs and State Guideline Harvest Levels (GHLs) in metric tons

| Specifications | Western | Central | Eastern | Total |
| :--- | ---: | ---: | ---: | ---: |
| ABC | 12,892 | 22,045 | 3,204 | 38,141 |
| State GHL | 3,868 | 5,511 | 801 | 10,180 |
| (State GHL \%) | $30 \%$ | $25 \%$ | $25 \%$ | $25-30$ |
| Federal TAC | 9,024 | 16,534 | 2,403 | 27,961 |

Note: The Federal TAC is only for Federal fisheries. It does not include the State GHL.

Table 9. Proposed 2022 and 2023 Pacific Halibut PSC Limits, Allowances, and Apportionments (Values are in metric tons)

| Trawl gear |  |  | Hook-and-line gear ${ }^{1}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Other than DSR |  |  | DSR |  |
| Season | Percent | Amount | Season | Percent | Amount ${ }^{2}$ | Season | Amount |
| January 20 - <br> April 1 | 30.5 | 519 | January 1 - June 10 | 86 | 221 | January 1 December 31 | 9 |
| April 1 - July 1 | 20 | 341 | June 10 September 1 | 2 | 5 |  |  |
| July 1 - August 1 | 27 | 462 | September 1 December 31 | 12 | 31 |  |  |
| August 1 October 1 | 7.5 | 128 |  |  |  |  |  |
| October 1 - <br> December 31 | 15 | 256 |  |  |  |  |  |
| Total |  | 1,706 |  |  | 257 |  | 9 |

${ }^{1}$ The Pacific halibut PSC limit for hook-and-line gear is allocated to the demersal shelf rockfish (DSR) fishery and fisheries other than DSR. The hook-and-line IFQ sablefish fishery is exempt from halibut PSC limits, as are pot and jig gear for all groundfish fisheries.

Table 10. Proposed 2022 and 2023 Seasonal Apportionments of the Pacific Halibut PSC Limit Apportioned Between the Trawl Gear Shallow-Water and Deep-Water Species Fisheries (Values are in metric tons)

| Season | Shallow-water | Deep-water ${ }^{1}$ | Total |
| :--- | ---: | ---: | ---: |
| January 20 - April 1 | 384 | 135 | 519 |
| April 1- July 1 | 85 | 256 | 341 |
| July 1 - August 1 | 121 | 341 | 462 |
| August 1- October 1 | 53 | 75 | 128 |
| Subtotal, January 20 - October 1 | 643 | 807 | 1,450 |
| October 1 - December 31 |  |  |  |
| Total |  |  | 256 |

${ }^{1}$ Vessels participating in cooperatives in the Central GOA Rockfish Program will receive 191 mt of the third season (July 1 through September 1) deep-water species fishery halibut PSC apportionment.
${ }^{2}$ There is no apportionment between trawl shallow-water and deep-water species fisheries during the fifth season (October 1 through December 31).

Table 11. Proposed 2022 and 2023 Apportionments of the "Other hook-and-line fisheries" Halibut PSC Allowance Between the Hook-and-Line Gear Catcher Vessel and Catcher/Processor Sectors (Values are in metric tons)

| "Other than DSR" allowance | Hook-and- <br> line sector | Sector annual amount | Season | Seasonal percentage | Sector seasonal amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 257 | Catcher Vessel | 144 | January 1 - June 10 | 86 | 124 |
|  |  |  | June 10 - September 1 | 2 | 3 |
|  |  |  | September 1 December 31 | 12 | 17 |
|  | Catcher/ <br> Processor | 113 | January 1 - June 10 | 86 | 97 |
|  |  |  | June 10 - September 1 | 2 | 2 |
|  |  |  | September 1 December 31 | 12 | 14 |

Table 12. Proposed 2022 and 2023 Halibut Discard Mortality Rates for Vessels Fishing in the Gulf of Alaska. (Values are in percent of halibut assumed to be dead.)

| Gear | Sector | Groundfish fishery | Halibut discard <br> mortality rate (percent) |
| :--- | :--- | :--- | ---: |
|  | Catcher vessel | All | 100 |
|  | Catcher/processor | All | 100 |
| Non-pelagic trawl | Catcher vessel | Rockfish Program | 66 |
|  | Catcher vessel | All others | 69 |
|  | Mothership and catcher/processor | All | 83 |
| Hook-and-line | Catcher/processor | All | 15 |
|  | Catcher vessel | All | 12 |
| Pot | Catcher vessel and <br> catcher/processor | All | 29 |

