Appendix 2: Dirty 20 list appearances

Number of times each vessel was on a 2016 chum weekly dirty 20 list. Includes only AFA vessels that fished during the 2016 B season.

| | N times | N | | N times | N | | N times | N |
|---------------------|----------|---------|-------------------|----------|---------|--------------------|----------|---------|
| | on dirty | weeks | | on dirty | weeks | | on dirty | weeks |
| Vessel | 20 list | fishing | Vessel | 20 list | fishing | Vessel | 20 list | fishing |
| Alaska Ocean | 3 | 12 | Destination | 3 | 12 | Ocean Rover | 3 | 10 |
| Alaska Rose | 2 | 13 | Dominator | 2 | 10 | Oceanic | 6 | 9 |
| Alaskan Defender | 0 | 11 | Elizabeth F | 1 | 4 | Pacific Challenger | 4 | 9 |
| Aldebaran | 2 | 13 | Excalibur II | 0 | 5 | Pacific Explorer | 2 | 11 |
| Aleutian Challenger | 4 | 9 | Fierce Allegiance | 0 | 7 | Pacific Fury | 8 | 14 |
| Alsea | 2 | 9 | Gladiator | 2 | 12 | Pacific Glacier | 3 | 16 |
| American Beauty | 1 | 4 | Gold Rush | 0 | 7 | Pacific Prince | 3 | 12 |
| American Dynasty | 5 | 14 | Golden Dawn | 0 | 13 | Pacific Viking | 2 | 9 |
| American Eagle | 0 | 10 | Golden Pisces | 2 | 17 | Patricia L | 2 | 13 |
| American Triumph | 8 | 13 | Great Pacific | 1 | 12 | Peggy Jo | 1 | 2 |
| Anita J | 3 | 12 | Half Moon Bay | 2 | 10 | Progress | 0 | 10 |
| Arctic Explorer | 1 | 11 | Hickory Wind | 1 | 11 | Royal American | 1 | 11 |
| Arctic Fjord | 5 | 14 | Island Enterprise | 4 | 14 | Royal Atlantic | 2 | 12 |
| Arctic Ram | 1 | 8 | Kodiak Enterprise | 3 | 13 | Sea Wolf | 2 | 12 |
| Arctic Storm | 4 | 10 | Leslie Lee | 1 | 11 | Seadawn | 2 | 10 |
| Arctic Wind | 0 | 6 | Majesty | 3 | 13 | Seattle Enterprise | 5 | 16 |
| Arcturus | 0 | 13 | Marcy J | 1 | 4 | Seeker | 2 | 13 |
| Argosy | 0 | 8 | Margaret Lyn | 6 | 13 | Sovereignty | 1 | 12 |
| Auriga | 3 | 11 | Mark I | 4 | 7 | Starbound | 0 | 11 |
| Aurora | 3 | 10 | Misty Dawn | 8 | 13 | Starfish | 0 | 10 |
| Bering Defender | 2 | 15 | Morning Star | 4 | 14 | Starlite | 4 | 9 |
| Bering Rose | 2 | 13 | Nordic Fury | 2 | 10 | Starward | 3 | 10 |
| Bristol Explorer | 0 | 14 | Nordic Star | 0 | 9 | Storm Petrel | 2 | 12 |
| Caitlin Ann | 4 | 14 | Northern Eagle | 3 | 12 | Traveler | 0 | 7 |
| Cape Kiwanda | 1 | 6 | Northern Hawk | 1 | 10 | Vanguard | 1 | 7 |
| Chelsea K | 7 | 14 | Northern Jaeger | 5 | 11 | Vesteraalen | 4 | 6 |
| Collier Brothers | 0 | 3 | Northern Patriot | 1 | 13 | Viking | 2 | 14 |
| Columbia | 1 | 10 | Ocean Explorer | 0 | 12 | Viking Explorer | 1 | 10 |
| Commodore | 1 | 13 | Ocean Hope 3 | 1 | 7 | Walter N | 0 | 5 |
| Defender | 0 | 2 | Ocean Leader | 3 | 11 | Western Dawn | 4 | 10 |
| | | | | | | Westward I | 2 | 15 |

Appendix 3. Chum closures, 2011 - 2016

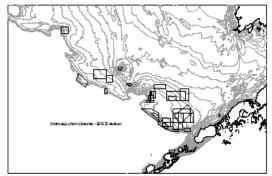


Figure 2a. 2016 Chum closures areas (64 closures)

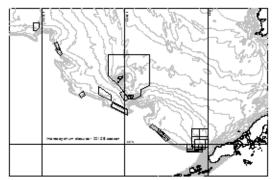


Figure 2b. 2015 Chum closures areas (62 closures),

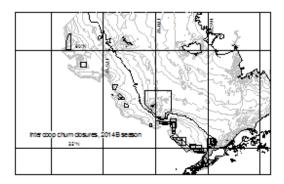


Figure 2c. 2014 Chum closures areas (63 closures), 55-fm contour in bold, 217,572 chums taken

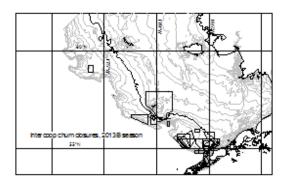


Figure 2d 2013 Chum closures areas (52 closures), 55-fm contour in bold, 124,661 chums taken

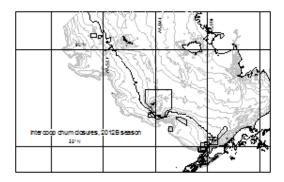


Figure 2e. 2012 Chum closures areas (32 closures), 55-fm contour in bold, 22,149 chums taken

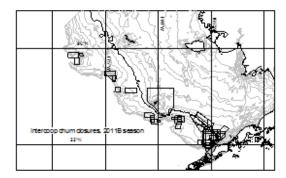


Figure 2f. 2011 Chum closures areas (70 closures), 55-fm contour in bold, 191,517 chums taken