

2002 IPHC Stock Assessment Survey

Area 4D

| Station | Date Fished | North Latitude | West Longitude | Depth (F) | Skates Set ¹ | Legal Halibut | | Sublegal Halibut | | Bycatch (numbers) ³ | | |
|-----------|-----------------------|----------------|----------------|-----------|-------------------------|-------------------|--------------|-------------------|------------|--------------------------------|--------------|-----------|
| | | | | | | Lbs. ² | #'s | Lbs. ² | #'s | Sablefish | P. Cod | Rockfish |
| 7050 | 6/26 | 56° 19.95' | 171° 18.84' | 78 | 5.1 | 273 | 11 | 15 | 2 | 0 | 5 | 0 |
| 7051 | 6/26 | 56° 29.96' | 171° 37.11' | 81 | 5.0 | 66 | 3 | 66 | 8 | 0 | 45 | 0 |
| 7052 | 6/26 | 56° 30.07' | 171° 55.05' | 166 | 5.0 | 995 | 39 | 16 | 2 | 0 | 10 | 5 |
| 7053 | 6/25 | 56° 39.95' | 173° 06.68' | 83 | 4.9 | 497 | 19 | 62 | 8 | 0 | 44 | 0 |
| 7054 | 6/25 | 56° 49.79' | 173° 24.95' | 252 | 4.9 | 1,460 | 47 | 0 | 0 | 5 | 0 | 15 |
| 7055 | 6/25 | 56° 59.95' | 173° 25.05' | 97 | 5.0 | 333 | 14 | 21 | 2 | 0 | 20 | 0 |
| 7056 | 6/24 | 56° 59.91' | 173° 42.63' | 261 | 5.0 | 517 | 17 | 0 | 0 | 20 | 0 | 0 |
| 7057 | 6/24 | 57° 09.62' | 173° 42.73' | 81 | 4.9 | 183 | 6 | 0 | 0 | 0 | 20 | 0 |
| 7058 | 6/24 | 57° 20.01' | 173° 43.28' | 76 | 4.9 | 461 | 21 | 29 | 4 | 0 | 24 | 0 |
| 7059 | 6/23 | 57° 39.88' | 173° 42.82' | 73 | 5.0 | 165 | 7 | 23 | 4 | 0 | 25 | 0 |
| 7060 | 6/23 | 57° 49.91' | 173° 42.86' | 85 | 5.0 | 2,405 | 92 | 36 | 4 | 0 | 35 | 0 |
| 7061 | 7/15 | 58° 20.11' | 174° 20.04' | 105 | 5.0 | 788 | 29 | 46 | 6 | 0 | 5 | 0 |
| 7062 | 7/13 | 58° 19.97' | 175° 17.00' | 191 | 5.0 | 2,107 | 76 | 9 | 1 | 5 | 30 | 0 |
| 7063 | 7/15 | 58° 29.98' | 174° 20.17' | 78 | 5.0 | 262 | 10 | 0 | 0 | 0 | 5 | 0 |
| 7064 | 7/13 | 58° 30.05' | 175° 17.88' | 99 | 5.0 | 2,242 | 88 | 10 | 1 | 0 | 25 | 0 |
| 7065 | 7/12 | 58° 30.02' | 175° 36.89' | 96 | 5.0 | 1,913 | 72 | 49 | 6 | 0 | 5 | 0 |
| 7067 | 7/14 | 58° 40.05' | 174° 20.17' | 90 | 5.0 | 4,053 | 152 | 47 | 6 | 0 | 0 | 0 |
| 7068 | 7/14 | 58° 40.08' | 174° 38.98' | 111 | 5.1 | 1,192 | 39 | 11 | 1 | 0 | 0 | 0 |
| 7069 | 7/14 | 58° 39.89' | 174° 59.13' | 120 | 5.0 | 1,979 | 61 | 0 | 0 | 0 | 10 | 0 |
| 7070 | 7/13 | 58° 40.21' | 175° 17.68' | 119 | 5.0 | 1,287 | 48 | 33 | 4 | 0 | 30 | 0 |
| 7071 | 7/12 | 58° 39.97' | 175° 55.97' | 76 | 5.0 | 280 | 17 | 56 | 7 | 0 | 50 | 0 |
| 7072 | 7/12 | 58° 39.86' | 176° 16.16' | 77 | 5.0 | 316 | 21 | 176 | 22 | 0 | 59 | 0 |
| 7073 | 7/11 | 58° 39.90' | 177° 13.12' | 78 | 5.0 | 4,645 | 122 | 88 | 12 | 0 | 0 | 0 |
| 7074 | 7/11 | 58° 50.05' | 177° 33.26' | 75 | 5.0 | 639 | 18 | 13 | 2 | 0 | 5 | 0 |
| 7075 | 7/11 | 58° 49.99' | 177° 53.02' | 216 | 5.0 | 2,847 | 48 | 0 | 0 | 0 | 0 | 0 |
| 7076 | 7/10 | 59° 00.01' | 177° 54.05' | 74 | 5.0 | 1,008 | 21 | 17 | 3 | 0 | 20 | 0 |
| 7077 | 7/10 | 58° 59.92' | 178° 12.93' | 118 | 5.0 | 2,237 | 73 | 27 | 3 | 0 | 10 | 0 |
| 7078 | 7/7 | 59° 10.02' | 176° 55.73' | 79 | 5.1 | 2,393 | 84 | 127 | 14 | 0 | 76 | 0 |
| 7079 | 7/7 | 59° 09.90' | 177° 15.62' | 82 | 5.0 | 1,161 | 45 | 92 | 10 | 0 | 75 | 0 |
| 7080 | 7/9 | 59° 09.93' | 177° 34.96' | 90 | 5.0 | 1,150 | 34 | 100 | 12 | 0 | 55 | 0 |
| 7081 | 7/9 | 59° 10.12' | 177° 54.97' | 101 | 5.0 | 1,049 | 38 | 87 | 11 | 0 | 25 | 0 |
| 7082 | 7/10 | 59° 09.89' | 178° 14.09' | 76 | 5.1 | 560 | 13 | 48 | 6 | 0 | 10 | 0 |
| 7083 | 7/7 | 59° 20.27' | 176° 56.84' | 79 | 5.0 | 1,694 | 76 | 162 | 19 | 0 | 157 | 0 |
| 7084 | 7/7 | 59° 20.05' | 177° 17.19' | 87 | 5.0 | 2,608 | 94 | 112 | 13 | 0 | 95 | 0 |
| 7085 | 7/9 | 59° 20.05' | 177° 36.11' | 144 | 5.1 | 148 | 8 | 17 | 2 | 0 | 15 | 0 |
| 7086 | 6/18 | 59° 30.03' | 176° 38.32' | 77 | 4.9 | 220 | 6 | 0 | 0 | 0 | 108 | 0 |
| 7087 | 6/18 | 59° 29.96' | 176° 58.18' | 83 | 4.9 | 594 | 13 | 10 | 1 | 0 | 127 | 0 |
| 7088 | 6/19 | 59° 29.86' | 177° 18.05' | 85 | 5.0 | 871 | 28 | 15 | 2 | 0 | 64 | 0 |
| 7089 | 6/19 | 59° 29.65' | 177° 37.00' | 128 | 5.0 | 1,089 | 53 | 180 | 22 | 0 | 69 | 0 |
| 7090 | 7/8 | 59° 29.89' | 177° 56.66' | 218 | 5.0 | 1,810 | 37 | 0 | 0 | 0 | 0 | 0 |
| 7091 | 7/8 | 59° 30.03' | 178° 17.06' | 143 | 5.0 | 9,896 | 238 | 21 | 3 | 0 | 10 | 0 |
| 7092 | 6/18 | 59° 40.02' | 176° 59.52' | 85 | 4.9 | 153 | 5 | 22 | 3 | 0 | 137 | 0 |
| 7093 | 6/19 | 59° 39.99' | 177° 19.09' | 112 | 5.0 | 232 | 14 | 55 | 7 | 0 | 100 | 0 |
| 7094 | 7/8 | 59° 40.03' | 177° 39.12' | 123 | 5.0 | 1,940 | 47 | 19 | 3 | 0 | 124 | 0 |
| 7095 | 6/21 | 59° 40.13' | 177° 57.94' | 90 | 5.0 | 382 | 18 | 50 | 6 | 0 | 35 | 0 |
| 7096 | 6/20 | 59° 39.97' | 178° 18.00' | 91 | 5.0 | 1,098 | 53 | 154 | 18 | 0 | 59 | 0 |
| 7097 | 6/20 | 59° 50.01' | 177° 59.07' | 79 | 5.1 | 117 | 5 | 32 | 4 | 0 | 56 | 0 |
| 7098 | 6/20 | 59° 50.03' | 178° 19.14' | 79 | 4.9 | 52 | 2 | 5 | 1 | 0 | 69 | 0 |
| 7099 | 6/20 | 59° 50.03' | 178° 38.97' | 83 | 4.9 | 38 | 2 | 4 | 1 | 0 | 49 | 0 |
| 49 | Total Stations | | | | Totals | 64,408 | 2,084 | 2,161 | 266 | 30 | 1,995 | 20 |

¹ Standard skate = 1,800' groundline with 16/0 circle hooks spaced every 18' on 24"-42" gangions.

² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.