

2009 IPHC Stock Assessment Survey

Area 3A

| Station | Date Fishe | 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 |
| 4001 | 6/15 | 57° 49.98' | -137° 12.92' | 172 | 7.0 | 375 | 15 | 10 | 1 | 205 | 0 | 140 |
| 4002 | 6/16 | 58° 00.36' | -136° 53.81' | 227 | 7.0 | 60 | 2 | 0 | 0 | 252 | 0 | 0 |
| 4003 | 6/15 | 58° 00.07' | -137° 12.32' | 98 | 7.0 | 232 | 15 | 159 | 20 | 90 | 5 | 45 |
| 4004 | 6/15 | 57° 59.86' | -137° 30.69' | 90 | 7.0 | 1,083 | 51 | 382 | 46 | 15 | 0 | 100 |
| 4005 | 6/17 | 58° 00.27' | -137° 49.77' | 98 | 7.0 | 786 | 49 | 1,016 | 136 | 10 | 0 | 30 |
| 4006 | 6/16 | 58° 09.85' | -136° 55.09' | 110 | 7.0 | 1,166 | 60 | 242 | 31 | 60 | 0 | 5 |
| 4007 | 6/16 | 58° 10.20' | -137° 10.69' | 64 | 7.0 | 777 | 32 | 127 | 17 | 0 | 0 | 15 |
| 4008 | 6/17 | 58° 10.16' | -137° 29.61' | 77 | 7.0 | 26 | 2 | 99 | 15 | 0 | 0 | 0 |
| 4009 | 6/17 | 58° 09.79' | -137° 48.95' | 85 | 7.0 | 1,042 | 44 | 114 | 13 | 0 | 0 | 18 |
| 4010 | 6/18 | 58° 09.66' | -138° 08.09' | 80 | 7.0 | 620 | 35 | 764 | 99 | 5 | 0 | 0 |
| 4011 | 6/19 | 58° 10.26' | -138° 26.91' | 87 | 6.8 | 1,685 | 82 | 737 | 86 | 0 | 0 | 24 |
| 4012 | 6/19 | 58° 10.21' | -138° 45.70' | 101 | 7.0 | 2,039 | 96 | 886 | 111 | 0 | 0 | 85 |
| 4013 | 5/30 | 58° 19.95' | -137° 10.07' | 96 | 7.0 | 111 | 4 | 21 | 4 | 15 | 0 | 0 |
| 4014 | 5/30 | 58° 20.26' | -137° 29.38' | 104 | 7.0 | 39 | 3 | 37 | 5 | 5 | 0 | 0 |
| 4015 | 6/18 | 58° 19.56' | -137° 47.98' | 94 | 7.0 | 214 | 10 | 0 | 0 | 0 | 0 | 0 |
| 4016 | 6/18 | 58° 20.41' | -138° 06.01' | 70 | 7.0 | 12 | 1 | 33 | 4 | 0 | 0 | 0 |
| 4017 | 6/11 | 58° 19.81' | -138° 26.47' | 69 | 7.0 | 743 | 52 | 857 | 111 | 0 | 5 | 0 |
| 4018 | 6/12 | 58° 20.34' | -138° 45.32' | 55 | 6.7 | 1,333 | 42 | 284 | 38 | 0 | 0 | 81 |
| 4019 | 6/13 | 58° 20.23' | -139° 04.54' | 58 | 7.0 | 1,435 | 53 | 536 | 68 | 0 | 0 | 120 |
| 4020 | 6/9 | 58° 20.20' | -139° 22.81' | 141 | 7.0 | 2,047 | 105 | 184 | 20 | 45 | 0 | 0 |
| 4021 | 5/30 | 58° 29.46' | -137° 29.07' | 57 | 7.0 | 0 | 0 | 78 | 14 | 0 | 0 | 0 |
| 4022 | 5/31 | 58° 30.25' | -137° 46.64' | 85 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4023 | 5/31 | 58° 30.31' | -138° 06.83' | 74 | 7.0 | 17 | 1 | 19 | 3 | 0 | 0 | 0 |
| 4024 | 6/11 | 58° 29.61' | -138° 26.48' | 64 | 7.0 | 12 | 1 | 26 | 3 | 0 | 0 | 0 |
| 4025 | 6/10 | 58° 30.16' | -138° 44.75' | 51 | 7.0 | 1,692 | 77 | 664 | 82 | 0 | 0 | 15 |
| 4026 | 6/10 | 58° 29.84' | -139° 04.17' | 55 | 7.0 | 106 | 8 | 361 | 50 | 0 | 0 | 0 |
| 4027 | 6/9 | 58° 30.52' | -139° 22.20' | 90 | 7.0 | 446 | 24 | 648 | 95 | 0 | 10 | 30 |
| 4028 | 6/9 | 58° 30.59' | -139° 40.56' | 141 | 7.0 | 669 | 32 | 337 | 41 | 115 | 0 | 10 |
| 4029 | 5/31 | 58° 39.61' | -138° 05.05' | 54 | 7.1 | 96 | 4 | 60 | 7 | 0 | 0 | 0 |
| 4030 | 6/11 | 58° 39.81' | -138° 24.74' | 72 | 7.0 | 0 | 0 | 18 | 2 | 0 | 0 | 0 |
| 4031 | 6/10 | 58° 39.53' | -138° 43.58' | 55 | 7.0 | 1,204 | 40 | 445 | 68 | 0 | 0 | 10 |
| 4032 | 6/8 | 58° 39.56' | -139° 04.06' | 76 | 7.1 | 756 | 53 | 929 | 118 | 5 | 15 | 5 |
| 4033 | 6/5 | 58° 39.50' | -139° 22.60' | 138 | 7.0 | 914 | 47 | 182 | 21 | 105 | 0 | 10 |
| 4034 | 6/5 | 58° 39.83' | -139° 41.20' | 102 | 7.0 | 604 | 31 | 364 | 48 | 50 | 0 | 5 |
| 4035 | 6/4 | 58° 40.06' | -140° 00.48' | 103 | 7.0 | 2,040 | 87 | 1,236 | 153 | 0 | 0 | 0 |
| 4036 | 6/1 | 58° 49.90' | -138° 05.78' | 30 | 7.0 | 130 | 7 | 85 | 14 | 0 | 0 | 35 |
| 4037 | 6/1 | 58° 50.58' | -138° 23.96' | 38 | 7.0 | 1,089 | 46 | 207 | 27 | 0 | 0 | 10 |
| 4038 | 6/8 | 58° 49.30' | -138° 43.64' | 64 | 7.0 | 93 | 6 | 285 | 60 | 0 | 0 | 0 |
| 4039 | 6/8 | 58° 49.62' | -139° 02.54' | 110 | 7.0 | 500 | 22 | 58 | 8 | 0 | 0 | 5 |
| 4040 | 6/5 | 58° 50.12' | -139° 21.61' | 72 | 7.0 | 1,730 | 56 | 281 | 33 | 0 | 20 | 30 |
| 4041 | 6/4 | 58° 50.34' | -139° 42.03' | 87 | 7.0 | 377 | 17 | 122 | 15 | 0 | 0 | 0 |
| 4042 | 6/4 | 58° 49.61' | -140° 00.48' | 94 | 7.0 | 678 | 25 | 316 | 41 | 10 | 0 | 0 |
| 4043 | 6/1 | 59° 00.00' | -138° 24.80' | 34 | 7.0 | 632 | 15 | 103 | 13 | 0 | 0 | 5 |
| 4044 | 6/2 | 58° 59.77' | -138° 42.07' | 85 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4045 | 6/2 | 59° 00.41' | -139° 02.46' | 55 | 7.0 | 14 | 1 | 5 | 1 | 0 | 0 | 0 |
| 4046 | 6/3 | 59° 00.19' | -139° 21.77' | 59 | 7.0 | 73 | 5 | 82 | 10 | 0 | 0 | 0 |
| 4047 | 6/3 | 59° 00.41' | -139° 41.38' | 65 | 7.0 | 715 | 31 | 377 | 49 | 0 | 5 | 10 |
| 4048 | 6/2 | 59° 10.30' | -139° 01.86' | 55 | 7.1 | 166 | 11 | 261 | 39 | 0 | 71 | 0 |
| 4049 | 6/3 | 59° 09.87' | -139° 19.52' | 50 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4051 | 6/4 | 58° 50.00' | -140° 20.31' | 102 | 7.0 | 1,794 | 60 | 484 | 62 | 40 | 0 | 0 |
| 4052 | 7/7 | 58° 50.00' | -140° 40.27' | 106 | 7.0 | 1,163 | 41 | 267 | 32 | 20 | 0 | 0 |

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.

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Area 3A

| Station | Date Fishe | 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 |
| 4053 | 6/4 | 59° 00.00' | -140° 00.94' | 73 | 7.0 | 1,084 | 34 | 140 | 19 | 0 | 0 | 0 |
| 4054 | 6/4 | 59° 00.00' | -140° 19.93' | 86 | 7.0 | 559 | 22 | 197 | 25 | 0 | 0 | 25 |
| 4055 | 7/7 | 59° 00.00' | -140° 38.84' | 98 | 7.0 | 632 | 26 | 371 | 48 | 0 | 0 | 0 |
| 4056 | 7/7 | 59° 00.00' | -140° 58.99' | 106 | 7.0 | 1,816 | 81 | 738 | 94 | 5 | 0 | 5 |
| 4057 | 6/6 | 59° 10.05' | -139° 41.59' | 70 | 7.0 | 347 | 21 | 368 | 51 | 0 | 10 | 0 |
| 4058 | 6/6 | 59° 10.03' | -139° 59.21' | 63 | 7.0 | 758 | 34 | 811 | 122 | 0 | 10 | 0 |
| 4059 | 6/5 | 59° 10.00' | -140° 20.52' | 72 | 7.0 | 861 | 44 | 816 | 110 | 0 | 0 | 0 |
| 4060 | 6/5 | 59° 10.00' | -140° 38.28' | 82 | 7.0 | 1,535 | 56 | 586 | 74 | 0 | 5 | 0 |
| 4061 | 7/5 | 59° 10.01' | -140° 58.92' | 99 | 7.0 | 2,747 | 85 | 682 | 88 | 10 | 5 | 0 |
| 4062 | 7/5 | 59° 10.00' | -141° 17.62' | 186 | 7.0 | 364 | 12 | 9 | 1 | 295 | 0 | 0 |
| 4063 | 7/6 | 59° 12.89' | -141° 39.44' | 119 | 7.0 | 2,546 | 134 | 476 | 57 | 46 | 5 | 5 |
| 4064 | 6/6 | 59° 20.00' | -139° 39.73' | 87 | 7.0 | 97 | 2 | 9 | 1 | 0 | 0 | 0 |
| 4065 | 6/6 | 59° 19.97' | -140° 00.20' | 89 | 7.0 | 242 | 8 | 0 | 0 | 0 | 0 | 0 |
| 4066 | 6/5 | 59° 20.00' | -140° 20.52' | 71 | 7.0 | 1,334 | 33 | 300 | 44 | 0 | 0 | 0 |
| 4067 | 6/5 | 59° 20.00' | -140° 38.44' | 78 | 7.0 | 591 | 14 | 402 | 60 | 15 | 0 | 0 |
| 4068 | 7/5 | 59° 19.98' | -140° 59.67' | 88 | 7.0 | 728 | 27 | 387 | 54 | 20 | 0 | 0 |
| 4069 | 7/5 | 59° 20.00' | -141° 18.25' | 184 | 7.0 | 393 | 13 | 0 | 0 | 248 | 0 | 35 |
| 4070 | 7/6 | 59° 20.00' | -141° 38.37' | 104 | 7.0 | 486 | 21 | 152 | 19 | 5 | 5 | 0 |
| 4071 | 7/6 | 59° 20.00' | -141° 57.98' | 120 | 7.0 | 970 | 52 | 384 | 50 | 30 | 15 | 0 |
| 4072 | 6/8 | 59° 30.00' | -140° 00.86' | 64 | 7.0 | 27 | 2 | 5 | 1 | 0 | 0 | 0 |
| 4073 | 6/8 | 59° 30.10' | -140° 19.11' | 125 | 7.0 | 2,361 | 64 | 33 | 4 | 115 | 0 | 105 |
| 4074 | 6/8 | 59° 30.00' | -140° 39.05' | 154 | 6.8 | 466 | 16 | 0 | 0 | 126 | 0 | 39 |
| 4075 | 6/9 | 59° 30.00' | -140° 59.14' | 163 | 7.0 | 596 | 18 | 36 | 4 | 114 | 0 | 104 |
| 4076 | 6/9 | 59° 30.00' | -141° 18.34' | 91 | 7.0 | 468 | 30 | 108 | 13 | 0 | 10 | 0 |
| 4077 | 7/4 | 59° 30.00' | -141° 39.00' | 90 | 7.0 | 119 | 7 | 0 | 0 | 0 | 0 | 0 |
| 4078 | 7/4 | 59° 30.00' | -141° 57.53' | 99 | 7.0 | 39 | 2 | 0 | 0 | 0 | 0 | 0 |
| 4079 | 6/8 | 59° 39.98' | -139° 59.42' | 78 | 7.0 | 861 | 28 | 237 | 29 | 30 | 55 | 0 |
| 4080 | 6/9 | 59° 39.98' | -140° 58.81' | 30 | 7.0 | 57 | 3 | 11 | 2 | 0 | 5 | 0 |
| 4081 | 6/9 | 59° 40.00' | -141° 19.39' | 35 | 7.0 | 147 | 7 | 91 | 13 | 0 | 35 | 0 |
| 4082 | 7/4 | 59° 40.00' | -141° 38.59' | 51 | 7.0 | 635 | 18 | 132 | 18 | 0 | 0 | 0 |
| 4083 | 7/4 | 59° 40.00' | -141° 57.66' | 80 | 7.0 | 187 | 7 | 28 | 3 | 5 | 0 | 0 |
| 4084 | 6/10 | 59° 40.01' | -142° 18.05' | 120 | 7.0 | 1,401 | 51 | 111 | 14 | 20 | 0 | 0 |
| 4085 | 6/10 | 59° 40.00' | -142° 37.89' | 212 | 7.0 | 867 | 33 | 61 | 7 | 200 | 0 | 35 |
| 4086 | 6/11 | 59° 40.00' | -142° 58.20' | 111 | 7.0 | 2,186 | 100 | 205 | 25 | 10 | 5 | 0 |
| 4087 | 6/11 | 59° 40.00' | -143° 17.16' | 151 | 7.0 | 1,069 | 31 | 51 | 6 | 302 | 0 | 20 |
| 4088 | 7/2 | 59° 40.00' | -143° 36.75' | 84 | 7.0 | 2,102 | 65 | 401 | 53 | 10 | 30 | 15 |
| 4089 | 7/2 | 59° 40.00' | -143° 57.37' | 69 | 7.0 | 3,475 | 141 | 414 | 58 | 0 | 35 | 5 |
| 4090 | 6/12 | 59° 40.00' | -144° 16.97' | 89 | 7.0 | 449 | 20 | 150 | 20 | 25 | 5 | 5 |
| 4091 | 6/12 | 59° 40.00' | -144° 37.34' | 81 | 7.0 | 568 | 26 | 145 | 18 | 10 | 5 | 0 |
| 4092 | 6/10 | 59° 50.00' | -141° 59.51' | 39 | 7.0 | 208 | 5 | 127 | 19 | 0 | 5 | 0 |
| 4093 | 6/10 | 59° 50.01' | -142° 17.86' | 48 | 7.0 | 2,461 | 92 | 911 | 125 | 0 | 25 | 0 |
| 4094 | 7/3 | 59° 50.00' | -142° 38.12' | 88 | 7.0 | 2,256 | 63 | 227 | 27 | 0 | 0 | 5 |
| 4095 | 7/3 | 59° 50.00' | -142° 58.22' | 94 | 7.0 | 188 | 8 | 0 | 0 | 5 | 0 | 0 |
| 4096 | 6/11 | 59° 50.00' | -143° 18.40' | 122 | 7.0 | 970 | 34 | 93 | 12 | 40 | 10 | 0 |
| 4097 | 7/2 | 59° 50.00' | -143° 38.80' | 153 | 7.0 | 125 | 4 | 50 | 6 | 70 | 0 | 115 |
| 4098 | 7/2 | 59° 50.02' | -143° 58.34' | 51 | 7.0 | 576 | 17 | 374 | 54 | 0 | 10 | 0 |
| 4099 | 6/12 | 59° 50.02' | -144° 17.55' | 35 | 7.0 | 154 | 5 | 25 | 3 | 0 | 135 | 0 |
| 4100 | 7/3 | 60° 00.00' | -142° 38.88' | 44 | 7.0 | 578 | 24 | 317 | 45 | 5 | 5 | 5 |
| 4101 | 7/3 | 60° 00.01' | -142° 58.48' | 62 | 7.0 | 823 | 20 | 118 | 15 | 15 | 5 | 0 |
| 4102 | 6/13 | 59° 20.00' | -146° 16.79' | 148 | 7.0 | 667 | 33 | 138 | 17 | 54 | 0 | 129 |
| 4103 | 6/13 | 59° 20.00' | -146° 34.95' | 81 | 7.0 | 1,179 | 52 | 249 | 31 | 5 | 35 | 0 |

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

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³ Bycatch numbers extrapolated from 20% subsample.

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| Station | Date Fishe | 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 |
| 4104 | 6/13 | 59° 20.00' | -146° 54.69' | 106 | 7.0 | 526 | 28 | 81 | 10 | 10 | 0 | 0 |
| 4105 | 6/13 | 59° 20.00' | -147° 14.58' | 103 | 7.0 | 426 | 23 | 58 | 7 | 5 | 5 | 0 |
| 4106 | 6/17 | 59° 30.00' | -145° 16.41' | 74 | 7.0 | 1,564 | 54 | 396 | 50 | 0 | 5 | 35 |
| 4107 | 6/17 | 59° 30.00' | -145° 55.27' | 92 | 7.0 | 733 | 46 | 339 | 43 | 10 | 10 | 0 |
| 4108 | 6/20 | 59° 30.00' | -146° 35.39' | 51 | 7.0 | 1,018 | 33 | 258 | 37 | 0 | 0 | 15 |
| 4109 | 6/20 | 59° 30.01' | -146° 54.75' | 107 | 7.0 | 292 | 16 | 134 | 16 | 0 | 0 | 5 |
| 4110 | 6/24 | 59° 29.98' | -147° 14.22' | 119 | 7.0 | 341 | 16 | 94 | 13 | 50 | 0 | 5 |
| 4111 | 6/24 | 59° 30.04' | -147° 33.62' | 63 | 7.0 | 270 | 13 | 106 | 15 | 0 | 10 | 0 |
| 4112 | 6/17 | 59° 40.00' | -145° 34.58' | 58 | 7.0 | 215 | 15 | 213 | 27 | 0 | 0 | 0 |
| 4113 | 6/19 | 59° 40.00' | -145° 54.52' | 44 | 7.0 | 785 | 42 | 581 | 72 | 0 | 0 | 0 |
| 4114 | 6/19 | 59° 40.00' | -146° 14.45' | 45 | 7.0 | 750 | 44 | 732 | 94 | 0 | 0 | 0 |
| 4115 | 6/20 | 59° 40.02' | -146° 34.41' | 48 | 7.0 | 1,595 | 88 | 851 | 105 | 0 | 15 | 15 |
| 4116 | 6/20 | 59° 40.01' | -146° 53.38' | 62 | 7.0 | 226 | 13 | 167 | 21 | 0 | 0 | 0 |
| 4117 | 6/24 | 59° 39.98' | -147° 13.13' | 97 | 7.0 | 702 | 34 | 68 | 9 | 5 | 30 | 15 |
| 4118 | 6/24 | 59° 40.02' | -147° 32.83' | 65 | 7.0 | 191 | 11 | 59 | 7 | 0 | 5 | 0 |
| 4119 | 6/18 | 59° 50.02' | -144° 58.81' | 109 | 7.0 | 555 | 16 | 51 | 6 | 20 | 109 | 0 |
| 4120 | 6/19 | 59° 50.02' | -145° 53.78' | 57 | 7.0 | 48 | 3 | 45 | 6 | 0 | 0 | 0 |
| 4121 | 6/19 | 59° 50.00' | -146° 13.05' | 34 | 7.0 | 1,667 | 111 | 945 | 117 | 0 | 0 | 0 |
| 4122 | 6/26 | 59° 50.01' | -146° 32.90' | 39 | 7.0 | 3,692 | 168 | 1,126 | 132 | 0 | 0 | 0 |
| 4123 | 6/25 | 59° 50.01' | -146° 52.84' | 42 | 7.0 | 498 | 37 | 875 | 122 | 0 | 0 | 0 |
| 4124 | 6/25 | 59° 50.00' | -147° 13.25' | 75 | 7.0 | 1,132 | 46 | 268 | 31 | 0 | 20 | 25 |
| 4125 | 6/18 | 60° 00.03' | -144° 40.10' | 127 | 7.0 | 272 | 10 | 9 | 1 | 20 | 25 | 0 |
| 4126 | 6/18 | 59° 59.98' | -144° 58.49' | 75 | 7.0 | 150 | 9 | 8 | 1 | 0 | 0 | 0 |
| 4127 | 6/18 | 60° 00.00' | -145° 17.57' | 68 | 7.0 | 552 | 23 | 131 | 16 | 0 | 5 | 0 |
| 4128 | 6/26 | 60° 00.01' | -146° 11.81' | 34 | 7.0 | 3,096 | 121 | 1,086 | 137 | 0 | 0 | 0 |
| 4129 | 6/26 | 60° 00.01' | -146° 31.64' | 38 | 7.0 | 746 | 47 | 1,582 | 220 | 0 | 0 | 0 |
| 4130 | 6/25 | 60° 00.00' | -146° 52.07' | 80 | 7.0 | 165 | 9 | 82 | 11 | 10 | 30 | 0 |
| 4131 | 6/25 | 60° 00.00' | -147° 12.10' | 100 | 7.0 | 293 | 10 | 57 | 8 | 5 | 55 | 5 |
| 4132 | 6/27 | 60° 10.01' | -145° 31.75' | 50 | 7.0 | 321 | 14 | 103 | 14 | 0 | 40 | 0 |
| 4133 | 6/27 | 60° 10.00' | -145° 51.27' | 60 | 7.0 | 351 | 16 | 76 | 10 | 0 | 79 | 0 |
| 4134 | 6/27 | 60° 10.00' | -146° 10.83' | 45 | 7.0 | 454 | 30 | 410 | 64 | 0 | 64 | 0 |
| 4135 | 6/21 | 60° 10.00' | -147° 31.05' | 39 | 7.0 | 431 | 21 | 340 | 48 | 0 | 75 | 5 |
| 4136 | 6/21 | 60° 10.00' | -147° 51.00' | 175 | 7.0 | 717 | 44 | 299 | 37 | 10 | 105 | 30 |
| 4137 | 6/21 | 60° 20.27' | -147° 30.97' | 69 | 7.0 | 710 | 31 | 197 | 25 | 0 | 124 | 15 |
| 4138 | 6/28 | 60° 30.01' | -146° 29.55' | 36 | 7.0 | 373 | 21 | 528 | 71 | 0 | 5 | 0 |
| 4139 | 6/28 | 60° 30.02' | -146° 49.15' | 225 | 7.0 | 555 | 19 | 23 | 3 | 110 | 0 | 10 |
| 4140 | 6/28 | 60° 30.00' | -147° 10.12' | 115 | 7.0 | 674 | 35 | 116 | 16 | 0 | 30 | 5 |
| 4141 | 6/28 | 60° 30.00' | -147° 29.45' | 107 | 7.0 | 274 | 15 | 213 | 26 | 0 | 64 | 30 |
| 4142 | 6/22 | 60° 29.01' | -147° 50.05' | 213 | 7.0 | 722 | 40 | 123 | 14 | 20 | 25 | 50 |
| 4143 | 6/29 | 60° 40.00' | -146° 49.38' | 232 | 7.0 | 750 | 37 | 121 | 13 | 54 | 20 | 0 |
| 4144 | 6/29 | 60° 40.00' | -147° 09.14' | 131 | 7.0 | 895 | 41 | 202 | 25 | 35 | 45 | 5 |
| 4145 | 6/29 | 60° 50.00' | -147° 08.51' | 168 | 7.0 | 665 | 29 | 171 | 21 | 0 | 45 | 15 |
| 4146 | 6/22 | 60° 50.33' | -148° 10.06' | 196 | 7.0 | 584 | 34 | 126 | 14 | 0 | 0 | 25 |
| 4147 | 6/15 | 58° 39.98' | -148° 33.86' | 129 | 6.4 | 58 | 3 | 23 | 3 | 23 | 0 | 5 |
| 4148 | 6/15 | 58° 40.11' | -148° 52.80' | 93 | 7.0 | 662 | 42 | 351 | 42 | 15 | 119 | 5 |
| 4149 | 6/8 | 58° 50.36' | -148° 13.95' | 151 | 7.0 | 1,200 | 73 | 234 | 29 | 75 | 0 | 95 |
| 4150 | 6/15 | 58° 47.27' | -148° 34.47' | 148 | 7.0 | 884 | 43 | 28 | 3 | 315 | 0 | 10 |
| 4151 | 6/14 | 58° 49.94' | -148° 53.03' | 138 | 7.0 | 1,201 | 58 | 75 | 9 | 250 | 0 | 60 |
| 4152 | 6/14 | 58° 49.80' | -149° 11.11' | 110 | 7.0 | 655 | 33 | 99 | 12 | 155 | 20 | 15 |
| 4153 | 6/8 | 59° 00.36' | -147° 56.20' | 185 | 7.0 | 774 | 38 | 122 | 14 | 245 | 0 | 5 |
| 4154 | 6/8 | 59° 00.13' | -148° 13.25' | 107 | 7.0 | 717 | 34 | 210 | 27 | 118 | 46 | 15 |

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.

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|---------|---------------|-------------------|-------------------|--------------|----------------------------|-------------------|-----|-------------------|-----|--------------------------------|--------|----------|
| | | | | | | Lbs. ² | #'s | Lbs. ² | #'s | Sablefish | P. Cod | Rockfish |
| 4155 | 6/9 | 59° 00.22' | -148° 33.91' | 133 | 7.0 | 394 | 22 | 48 | 7 | 139 | 0 | 0 |
| 4156 | 6/14 | 58° 57.35' | -148° 52.46' | 139 | 7.0 | 331 | 17 | 42 | 5 | 205 | 0 | 0 |
| 4157 | 6/13 | 58° 59.91' | -149° 11.63' | 120 | 7.0 | 214 | 10 | 116 | 14 | 129 | 10 | 0 |
| 4158 | 6/24 | 59° 00.12' | -149° 32.11' | 126 | 7.0 | 266 | 14 | 71 | 8 | 100 | 5 | 5 |
| 4159 | 6/7 | 59° 10.21' | -147° 34.86' | 67 | 7.0 | 1,419 | 72 | 312 | 40 | 94 | 94 | 0 |
| 4160 | 6/7 | 59° 10.22' | -147° 54.20' | 109 | 7.0 | 571 | 28 | 86 | 10 | 30 | 10 | 0 |
| 4161 | 6/9 | 59° 09.85' | -148° 14.73' | 67 | 7.0 | 1,857 | 80 | 474 | 62 | 0 | 50 | 50 |
| 4162 | 6/9 | 59° 09.97' | -148° 32.23' | 82 | 7.1 | 385 | 17 | 46 | 6 | 58 | 31 | 0 |
| 4163 | 6/13 | 59° 09.90' | -148° 53.11' | 97 | 7.0 | 372 | 14 | 84 | 9 | 20 | 25 | 0 |
| 4164 | 6/13 | 59° 09.79' | -149° 11.39' | 88 | 7.0 | 958 | 44 | 208 | 27 | 15 | 111 | 0 |
| 4165 | 6/24 | 59° 09.64' | -149° 32.84' | 91 | 7.0 | 168 | 11 | 114 | 15 | 10 | 80 | 0 |
| 4166 | 6/24 | 59° 10.03' | -149° 50.64' | 70 | 7.1 | 413 | 24 | 301 | 40 | 0 | 5 | 0 |
| 4167 | 6/7 | 59° 19.76' | -147° 35.28' | 67 | 7.1 | 1,450 | 37 | 37 | 5 | 0 | 60 | 10 |
| 4168 | 6/6 | 59° 20.02' | -147° 55.25' | 100 | 7.0 | 384 | 18 | 152 | 21 | 15 | 5 | 0 |
| 4169 | 6/6 | 59° 20.00' | -148° 12.05' | 85 | 7.0 | 1,181 | 62 | 248 | 30 | 0 | 60 | 10 |
| 4170 | 6/12 | 59° 20.20' | -148° 33.15' | 50 | 7.0 | 2,775 | 99 | 939 | 128 | 0 | 0 | 60 |
| 4171 | 6/23 | 59° 20.16' | -148° 53.59' | 93 | 7.0 | 1,020 | 46 | 185 | 24 | 15 | 15 | 0 |
| 4172 | 6/23 | 59° 20.45' | -149° 11.98' | 100 | 7.0 | 1,100 | 60 | 254 | 30 | 45 | 50 | 0 |
| 4173 | 6/25 | 59° 20.03' | -149° 31.67' | 68 | 7.0 | 1,790 | 91 | 284 | 34 | 0 | 155 | 0 |
| 4174 | 6/25 | 59° 20.23' | -149° 50.89' | 103 | 7.0 | 514 | 21 | 27 | 4 | 25 | 30 | 0 |
| 4175 | 6/28 | 59° 20.17' | -150° 10.61' | 86 | 7.0 | 475 | 20 | 67 | 7 | 0 | 30 | 0 |
| 4176 | 6/5 | 59° 30.28' | -147° 53.53' | 61 | 7.0 | 1,116 | 45 | 575 | 75 | 0 | 60 | 0 |
| 4177 | 6/6 | 59° 30.00' | -148° 12.04' | 113 | 7.0 | 174 | 8 | 82 | 11 | 40 | 40 | 0 |
| 4178 | 6/12 | 59° 29.88' | -148° 33.70' | 52 | 7.0 | 680 | 19 | 602 | 84 | 0 | 125 | 0 |
| 4179 | 6/12 | 59° 30.07' | -148° 51.94' | 91 | 7.0 | 129 | 8 | 51 | 7 | 0 | 20 | 0 |
| 4180 | 6/23 | 59° 29.94' | -149° 11.93' | 123 | 7.0 | 435 | 21 | 38 | 4 | 95 | 70 | 0 |
| 4181 | 6/25 | 59° 29.76' | -149° 32.01' | 55 | 7.0 | 1,597 | 76 | 795 | 123 | 0 | 10 | 0 |
| 4182 | 6/28 | 59° 29.98' | -149° 51.41' | 111 | 7.0 | 784 | 20 | 18 | 2 | 40 | 25 | 0 |
| 4183 | 6/28 | 59° 29.85' | -150° 10.50' | 73 | 7.0 | 497 | 27 | 192 | 22 | 0 | 30 | 10 |
| 4184 | 6/5 | 59° 39.98' | -147° 54.12' | 36 | 7.0 | 4,545 | 176 | 1,112 | 134 | 0 | 0 | 25 |
| 4185 | 6/5 | 59° 39.90' | -148° 12.88' | 69 | 7.0 | 104 | 6 | 93 | 11 | 0 | 75 | 0 |
| 4186 | 6/4 | 59° 40.10' | -148° 31.95' | 112 | 7.1 | 242 | 13 | 50 | 7 | 20 | 30 | 0 |
| 4187 | 6/22 | 59° 39.92' | -148° 53.13' | 96 | 7.0 | 336 | 16 | 72 | 11 | 5 | 15 | 0 |
| 4188 | 6/22 | 59° 39.75' | -149° 12.09' | 112 | 7.1 | 1,038 | 44 | 102 | 13 | 66 | 17 | 6 |
| 4189 | 6/20 | 59° 39.84' | -149° 31.67' | 152 | 7.0 | 113 | 6 | 117 | 14 | 25 | 45 | 0 |
| 4190 | 6/4 | 59° 50.02' | -148° 12.61' | 49 | 7.0 | 434 | 23 | 221 | 34 | 0 | 94 | 0 |
| 4191 | 6/4 | 59° 50.11' | -148° 31.65' | 74 | 7.0 | 312 | 14 | 39 | 5 | 5 | 15 | 0 |
| 4192 | 6/22 | 59° 49.38' | -148° 53.53' | 90 | 7.1 | 199 | 6 | 29 | 4 | 10 | 0 | 5 |
| 4193 | 6/20 | 59° 49.59' | -149° 12.03' | 73 | 7.0 | 288 | 15 | 62 | 8 | 0 | 25 | 0 |
| 4194 | 6/20 | 59° 50.05' | -149° 31.61' | 95 | 7.0 | 390 | 21 | 123 | 16 | 0 | 20 | 0 |
| 4195 | 7/11 | 58° 00.32' | -149° 12.79' | 75 | 7.0 | 4,308 | 227 | 910 | 109 | 0 | 0 | 10 |
| 4196 | 7/11 | 58° 09.71' | -148° 54.38' | 69 | 7.0 | 4,228 | 195 | 679 | 86 | 0 | 20 | 15 |
| 4197 | 7/11 | 58° 09.83' | -149° 13.28' | 63 | 7.0 | 1,020 | 56 | 704 | 83 | 0 | 75 | 55 |
| 4198 | 7/10 | 58° 10.29' | -149° 31.09' | 56 | 7.0 | 2,029 | 86 | 159 | 19 | 0 | 55 | 35 |
| 4199 | 7/9 | 58° 09.93' | -149° 51.32' | 78 | 7.0 | 1,620 | 103 | 478 | 55 | 5 | 50 | 0 |
| 4200 | 6/16 | 58° 19.73' | -148° 35.61' | 92 | 7.0 | 1,241 | 68 | 673 | 98 | 25 | 125 | 0 |
| 4201 | 6/16 | 58° 20.29' | -148° 53.09' | 68 | 7.0 | 550 | 33 | 355 | 51 | 0 | 144 | 5 |
| 4202 | 7/10 | 58° 19.84' | -149° 13.43' | 85 | 7.0 | 2,581 | 167 | 421 | 48 | 5 | 85 | 5 |
| 4203 | 7/10 | 58° 19.77' | -149° 31.25' | 83 | 7.1 | 1,718 | 110 | 663 | 80 | 15 | 91 | 0 |
| 4204 | 7/9 | 58° 20.07' | -149° 51.46' | 41 | 7.0 | 1,741 | 135 | 2,373 | 279 | 0 | 0 | 0 |
| 4205 | 7/9 | 58° 19.70' | -150° 10.36' | 28 | 7.0 | 2,602 | 150 | 1,752 | 223 | 0 | 0 | 0 |

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.

2009 IPHC Stock Assessment Survey

Area 3A

| Station | Date Fishe | 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 |
| 4206 | 7/17 | 58° 20.23' | -150° 29.04' | 31 | 7.0 | 290 | 21 | 509 | 76 | 0 | 0 | 0 |
| 4207 | 6/16 | 58° 29.53' | -148° 34.65' | 70 | 7.0 | 2,889 | 146 | 852 | 113 | 0 | 25 | 5 |
| 4208 | 6/17 | 58° 30.25' | -148° 52.82' | 61 | 7.1 | 615 | 26 | 467 | 62 | 0 | 157 | 15 |
| 4209 | 6/17 | 58° 30.23' | -149° 12.81' | 92 | 7.0 | 327 | 20 | 165 | 20 | 0 | 75 | 0 |
| 4210 | 7/8 | 58° 30.13' | -149° 32.40' | 76 | 7.0 | 590 | 38 | 280 | 36 | 0 | 180 | 0 |
| 4211 | 7/8 | 58° 30.00' | -149° 51.12' | 75 | 7.0 | 598 | 42 | 369 | 46 | 10 | 75 | 0 |
| 4212 | 7/8 | 58° 29.65' | -150° 09.38' | 48 | 7.1 | 710 | 50 | 926 | 131 | 0 | 5 | 10 |
| 4214 | 7/17 | 58° 29.81' | -150° 47.69' | 53 | 7.0 | 870 | 58 | 506 | 64 | 0 | 100 | 0 |
| 4215 | 6/17 | 58° 40.06' | -149° 12.81' | 73 | 7.0 | 537 | 30 | 401 | 57 | 15 | 40 | 5 |
| 4216 | 7/7 | 58° 40.19' | -149° 32.22' | 73 | 7.1 | 622 | 25 | 123 | 16 | 35 | 152 | 0 |
| 4217 | 7/7 | 58° 40.26' | -149° 50.53' | 83 | 7.0 | 379 | 23 | 109 | 13 | 10 | 65 | 0 |
| 4218 | 7/15 | 58° 40.04' | -150° 10.16' | 68 | 7.1 | 2,405 | 133 | 804 | 97 | 5 | 81 | 0 |
| 4219 | 7/15 | 58° 40.15' | -150° 27.91' | 107 | 7.0 | 372 | 23 | 226 | 30 | 60 | 100 | 0 |
| 4220 | 7/16 | 58° 40.05' | -150° 48.79' | 110 | 7.0 | 677 | 39 | 165 | 21 | 130 | 65 | 0 |
| 4221 | 7/2 | 58° 40.09' | -151° 08.66' | 104 | 7.0 | 239 | 14 | 55 | 7 | 70 | 85 | 0 |
| 4222 | 7/7 | 58° 49.80' | -149° 32.67' | 121 | 7.1 | 417 | 20 | 30 | 4 | 162 | 5 | 10 |
| 4223 | 7/14 | 58° 50.01' | -149° 50.75' | 130 | 7.0 | 536 | 27 | 40 | 4 | 140 | 5 | 5 |
| 4224 | 7/15 | 58° 49.56' | -150° 10.36' | 89 | 7.0 | 422 | 22 | 162 | 18 | 115 | 175 | 0 |
| 4225 | 7/16 | 58° 49.83' | -150° 31.08' | 98 | 7.0 | 254 | 16 | 124 | 14 | 115 | 110 | 0 |
| 4226 | 7/16 | 58° 50.11' | -150° 48.89' | 94 | 7.1 | 213 | 14 | 77 | 9 | 121 | 126 | 0 |
| 4227 | 7/2 | 58° 49.84' | -151° 08.04' | 75 | 7.0 | 420 | 27 | 170 | 21 | 5 | 25 | 0 |
| 4228 | 7/2 | 58° 49.73' | -151° 27.73' | 62 | 7.0 | 97 | 7 | 328 | 53 | 0 | 185 | 30 |
| 4229 | 7/14 | 58° 59.67' | -149° 51.10' | 121 | 7.0 | 223 | 10 | 19 | 3 | 120 | 5 | 5 |
| 4230 | 7/14 | 58° 59.68' | -150° 09.64' | 104 | 7.0 | 184 | 8 | 20 | 2 | 165 | 100 | 0 |
| 4231 | 6/30 | 59° 00.09' | -150° 30.80' | 64 | 7.0 | 325 | 17 | 187 | 23 | 0 | 49 | 0 |
| 4232 | 6/30 | 58° 59.93' | -150° 49.45' | 87 | 7.0 | 610 | 29 | 190 | 25 | 5 | 20 | 0 |
| 4233 | 7/1 | 59° 00.19' | -151° 09.69' | 78 | 7.0 | 953 | 48 | 194 | 23 | 0 | 30 | 0 |
| 4234 | 7/1 | 59° 00.08' | -151° 28.07' | 68 | 7.0 | 1,254 | 75 | 1,022 | 130 | 0 | 40 | 0 |
| 4235 | 6/29 | 59° 09.93' | -150° 11.97' | 69 | 7.0 | 43 | 3 | 7 | 1 | 0 | 5 | 0 |
| 4236 | 6/29 | 59° 09.91' | -150° 30.88' | 65 | 7.1 | 302 | 20 | 135 | 18 | 0 | 45 | 0 |
| 4237 | 6/30 | 59° 09.96' | -150° 50.62' | 61 | 7.0 | 1,751 | 93 | 910 | 114 | 0 | 55 | 30 |
| 4238 | 7/1 | 59° 10.09' | -151° 09.05' | 30 | 7.0 | 3,028 | 194 | 1,300 | 155 | 0 | 0 | 25 |
| 4239 | 6/29 | 59° 19.75' | -150° 31.17' | 133 | 7.2 | 792 | 36 | 79 | 9 | 41 | 265 | 5 |
| 4240 | 8/23 | 57° 20.06' | -150° 46.30' | 84 | 7.0 | 2,172 | 123 | 750 | 85 | 5 | 60 | 0 |
| 4241 | 8/6 | 57° 30.65' | -150° 09.18' | 223 | 7.0 | 29 | 2 | 0 | 0 | 65 | 0 | 20 |
| 4242 | 8/23 | 57° 29.90' | -150° 28.18' | 85 | 7.0 | 806 | 50 | 321 | 36 | 25 | 10 | 0 |
| 4243 | 8/23 | 57° 29.91' | -150° 45.86' | 54 | 7.0 | 1,072 | 67 | 811 | 99 | 0 | 165 | 0 |
| 4244 | 8/6 | 57° 39.92' | -149° 50.66' | 206 | 7.0 | 111 | 6 | 11 | 1 | 45 | 0 | 71 |
| 4245 | 8/6 | 57° 39.92' | -150° 08.94' | 116 | 7.0 | 1,151 | 68 | 171 | 19 | 136 | 5 | 0 |
| 4246 | 8/25 | 57° 40.13' | -150° 28.46' | 46 | 7.0 | 1,587 | 81 | 880 | 114 | 0 | 75 | 0 |
| 4247 | 8/24 | 57° 39.80' | -150° 47.06' | 47 | 7.0 | 2,372 | 123 | 1,074 | 123 | 0 | 80 | 0 |
| 4248 | 8/24 | 57° 39.89' | -151° 04.76' | 42 | 7.0 | 1,602 | 90 | 550 | 65 | 0 | 45 | 0 |
| 4249 | 8/22 | 57° 39.90' | -151° 24.16' | 34 | 7.0 | 746 | 51 | 584 | 68 | 0 | 0 | 0 |
| 4250 | 8/3 | 57° 50.94' | -149° 31.99' | 143 | 7.0 | 1,738 | 96 | 139 | 14 | 235 | 10 | 10 |
| 4251 | 8/3 | 57° 49.84' | -149° 50.37' | 140 | 7.0 | 1,913 | 105 | 494 | 52 | 30 | 5 | 0 |
| 4252 | 8/5 | 57° 50.50' | -150° 08.87' | 106 | 7.0 | 2,426 | 141 | 332 | 37 | 40 | 60 | 0 |
| 4253 | 8/25 | 57° 49.93' | -150° 27.59' | 51 | 7.0 | 1,233 | 78 | 1,117 | 132 | 0 | 5 | 0 |
| 4254 | 8/24 | 57° 49.65' | -150° 45.94' | 46 | 7.0 | 642 | 42 | 815 | 98 | 0 | 40 | 0 |
| 4255 | 8/22 | 57° 49.75' | -151° 05.89' | 38 | 7.0 | 1,231 | 59 | 509 | 59 | 0 | 55 | 0 |
| 4256 | 8/22 | 57° 50.02' | -151° 23.58' | 31 | 7.0 | 298 | 20 | 330 | 37 | 0 | 20 | 0 |
| 4257 | 8/19 | 57° 50.05' | -151° 43.46' | 28 | 7.0 | 353 | 28 | 1,188 | 152 | 0 | 25 | 0 |

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.

2009 IPHC Stock Assessment Survey

Area 3A

| Station | Date Fishe | 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 |
| 4258 | 8/20 | 57° 49.84' | -152° 02.17' | 52 | 7.0 | 745 | 50 | 817 | 104 | 0 | 55 | 0 |
| 4259 | 8/3 | 58° 00.05' | -149° 32.23' | 80 | 7.0 | 4,103 | 213 | 472 | 53 | 30 | 50 | 0 |
| 4260 | 8/5 | 57° 59.98' | -149° 50.75' | 125 | 6.9 | 1,545 | 80 | 98 | 10 | 201 | 10 | 0 |
| 4261 | 8/5 | 58° 00.01' | -150° 08.34' | 126 | 7.0 | 2,919 | 124 | 61 | 6 | 64 | 5 | 0 |
| 4262 | 8/25 | 57° 59.67' | -150° 27.75' | 89 | 7.0 | 1,003 | 63 | 318 | 36 | 10 | 45 | 0 |
| 4263 | 8/14 | 57° 59.89' | -150° 47.30' | 71 | 7.0 | 1,143 | 64 | 630 | 74 | 45 | 100 | 0 |
| 4264 | 8/14 | 58° 00.16' | -151° 05.65' | 45 | 7.0 | 1,930 | 108 | 1,402 | 167 | 0 | 5 | 0 |
| 4265 | 8/19 | 57° 59.80' | -151° 25.12' | 42 | 7.0 | 1,158 | 66 | 869 | 104 | 0 | 15 | 0 |
| 4266 | 8/19 | 58° 00.03' | -151° 44.26' | 65 | 7.0 | 705 | 54 | 552 | 61 | 5 | 20 | 0 |
| 4267 | 8/20 | 57° 59.86' | -152° 03.04' | 98 | 7.0 | 1,499 | 67 | 76 | 8 | 15 | 85 | 0 |
| 4268 | 8/20 | 58° 00.11' | -152° 21.66' | 153 | 7.0 | 785 | 38 | 16 | 2 | 15 | 110 | 0 |
| 4269 | 8/26 | 58° 10.09' | -150° 10.43' | 79 | 7.0 | 2,879 | 182 | 1,233 | 143 | 15 | 40 | 5 |
| 4270 | 8/2 | 58° 09.95' | -150° 29.16' | 63 | 7.0 | 1,641 | 108 | 1,262 | 145 | 0 | 55 | 0 |
| 4271 | 8/2 | 58° 09.84' | -150° 47.66' | 61 | 7.0 | 706 | 44 | 273 | 31 | 0 | 277 | 0 |
| 4272 | 8/14 | 58° 10.00' | -151° 07.04' | 81 | 7.0 | 1,276 | 91 | 523 | 61 | 45 | 25 | 0 |
| 4273 | 8/13 | 58° 10.11' | -151° 25.06' | 90 | 7.0 | 1,642 | 107 | 383 | 43 | 5 | 45 | 0 |
| 4274 | 8/13 | 58° 09.47' | -151° 42.38' | 36 | 7.0 | 2,886 | 157 | 1,195 | 144 | 0 | 0 | 0 |
| 4275 | 8/2 | 58° 19.87' | -150° 48.05' | 35 | 7.0 | 131 | 11 | 87 | 10 | 0 | 10 | 0 |
| 4276 | 8/12 | 58° 19.88' | -151° 06.96' | 70 | 7.0 | 971 | 67 | 357 | 41 | 0 | 25 | 0 |
| 4277 | 8/12 | 58° 19.88' | -151° 25.75' | 38 | 7.0 | 3,160 | 230 | 1,764 | 199 | 0 | 0 | 0 |
| 4278 | 8/13 | 58° 19.86' | -151° 44.80' | 30 | 7.0 | 2,579 | 140 | 532 | 62 | 0 | 0 | 0 |
| 4279 | 8/12 | 58° 30.12' | -151° 06.99' | 57 | 7.0 | 430 | 32 | 367 | 44 | 0 | 15 | 0 |
| 4280 | 8/11 | 58° 30.02' | -151° 23.25' | 93 | 7.0 | 1,987 | 124 | 428 | 48 | 65 | 40 | 0 |
| 4281 | 8/11 | 58° 29.91' | -151° 45.42' | 94 | 7.0 | 2,029 | 132 | 192 | 21 | 35 | 70 | 0 |
| 4282 | 8/11 | 58° 39.95' | -151° 27.52' | 102 | 7.0 | 1,283 | 70 | 237 | 27 | 88 | 107 | 0 |
| 4283 | 8/10 | 58° 40.09' | -151° 45.84' | 68 | 7.0 | 1,521 | 86 | 481 | 54 | 0 | 20 | 0 |
| 4284 | 8/10 | 58° 39.92' | -152° 05.67' | 70 | 7.0 | 1,319 | 75 | 200 | 23 | 20 | 5 | 0 |
| 4285 | 8/10 | 58° 50.41' | -152° 06.03' | 57 | 7.0 | 2,008 | 100 | 746 | 97 | 0 | 30 | 5 |
| 4286 | 8/8 | 56° 19.99' | -152° 50.09' | 61 | 7.0 | 2,939 | 150 | 366 | 46 | 0 | 79 | 10 |
| 4287 | 8/2 | 56° 20.08' | -153° 08.03' | 54 | 6.9 | 981 | 70 | 1,257 | 150 | 0 | 34 | 0 |
| 4288 | 8/2 | 56° 19.96' | -153° 26.01' | 33 | 7.0 | 2,766 | 121 | 1,120 | 131 | 0 | 0 | 0 |
| 4289 | 8/9 | 56° 29.87' | -152° 15.02' | 131 | 7.0 | 944 | 60 | 72 | 9 | 15 | 25 | 20 |
| 4290 | 8/8 | 56° 30.00' | -152° 33.05' | 146 | 7.0 | 2,218 | 125 | 356 | 39 | 50 | 0 | 20 |
| 4291 | 8/8 | 56° 29.91' | -152° 51.00' | 28 | 6.9 | 3,894 | 233 | 1,839 | 208 | 0 | 0 | 0 |
| 4292 | 8/2 | 56° 30.07' | -153° 08.98' | 39 | 7.0 | 1,244 | 86 | 1,511 | 188 | 0 | 15 | 0 |
| 4293 | 8/1 | 56° 30.05' | -153° 26.99' | 48 | 7.0 | 1,447 | 86 | 702 | 84 | 0 | 45 | 0 |
| 4294 | 8/1 | 56° 30.00' | -153° 45.00' | 38 | 7.0 | 2,168 | 76 | 197 | 23 | 0 | 50 | 0 |
| 4295 | 8/10 | 56° 40.00' | -151° 56.97' | 34 | 6.9 | 2,078 | 97 | 408 | 50 | 0 | 49 | 0 |
| 4296 | 8/9 | 56° 40.00' | -152° 15.02' | 25 | 7.0 | 4,118 | 251 | 1,070 | 125 | 0 | 5 | 0 |
| 4297 | 8/9 | 56° 40.00' | -152° 34.05' | 76 | 7.0 | 764 | 45 | 286 | 33 | 25 | 25 | 0 |
| 4298 | 7/31 | 56° 39.95' | -152° 52.02' | 38 | 7.0 | 1,400 | 84 | 1,193 | 154 | 0 | 15 | 0 |
| 4299 | 7/31 | 56° 40.03' | -153° 10.02' | 82 | 7.0 | 1,428 | 75 | 143 | 15 | 0 | 74 | 0 |
| 4300 | 7/30 | 56° 39.99' | -153° 28.14' | 78 | 6.9 | 1,104 | 55 | 122 | 14 | 0 | 260 | 0 |
| 4301 | 8/1 | 56° 39.98' | -153° 46.02' | 49 | 7.0 | 1,461 | 79 | 512 | 65 | 0 | 80 | 0 |
| 4302 | 8/10 | 56° 50.00' | -151° 40.08' | 165 | 7.1 | 1,871 | 97 | 205 | 23 | 76 | 0 | 56 |
| 4303 | 8/10 | 56° 50.00' | -151° 58.09' | 43 | 7.0 | 2,410 | 122 | 1,511 | 186 | 0 | 0 | 5 |
| 4304 | 8/7 | 56° 50.00' | -152° 16.13' | 53 | 7.0 | 2,100 | 129 | 1,050 | 124 | 0 | 65 | 0 |
| 4305 | 8/7 | 56° 50.00' | -152° 35.01' | 75 | 6.9 | 692 | 45 | 241 | 26 | 5 | 5 | 0 |
| 4306 | 7/31 | 56° 50.00' | -152° 53.00' | 34 | 7.0 | 917 | 61 | 1,693 | 212 | 0 | 40 | 0 |
| 4307 | 7/30 | 56° 50.02' | -153° 10.86' | 54 | 7.0 | 2,124 | 110 | 608 | 65 | 0 | 74 | 0 |
| 4308 | 7/30 | 56° 50.00' | -153° 29.15' | 51 | 7.0 | 1,620 | 65 | 373 | 48 | 0 | 25 | 0 |

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.

2009 IPHC Stock Assessment Survey

Area 3A

| Station | Date Fishe | 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 |
| 4309 | 8/11 | 56° 59.96' | -151° 40.00' | 42 | 7.1 | 2,448 | 141 | 945 | 107 | 0 | 45 | 0 |
| 4310 | 8/11 | 57° 00.00' | -151° 59.06' | 45 | 7.0 | 400 | 27 | 806 | 105 | 0 | 104 | 0 |
| 4311 | 8/7 | 57° 00.00' | -152° 17.04' | 40 | 7.0 | 1,289 | 82 | 1,311 | 159 | 0 | 30 | 0 |
| 4312 | 8/6 | 57° 00.01' | -152° 35.09' | 83 | 7.0 | 1,240 | 82 | 360 | 42 | 25 | 0 | 0 |
| 4313 | 8/6 | 56° 59.91' | -152° 54.03' | 60 | 7.0 | 856 | 45 | 365 | 46 | 0 | 94 | 0 |
| 4314 | 8/14 | 57° 10.00' | -151° 03.93' | 217 | 7.0 | 165 | 10 | 0 | 0 | 167 | 0 | 44 |
| 4315 | 8/14 | 57° 10.00' | -151° 22.06' | 70 | 7.0 | 3,232 | 183 | 453 | 51 | 0 | 25 | 0 |
| 4316 | 8/15 | 57° 10.01' | -151° 41.00' | 39 | 7.0 | 925 | 62 | 697 | 83 | 0 | 168 | 0 |
| 4317 | 8/11 | 57° 09.96' | -151° 59.02' | 38 | 6.9 | 1,829 | 100 | 513 | 60 | 0 | 5 | 0 |
| 4318 | 8/5 | 57° 10.04' | -152° 18.02' | 42 | 7.0 | 739 | 44 | 266 | 29 | 0 | 0 | 0 |
| 4319 | 8/6 | 57° 09.99' | -152° 36.26' | 53 | 7.0 | 143 | 8 | 158 | 29 | 0 | 139 | 0 |
| 4320 | 8/14 | 57° 20.00' | -151° 04.21' | 49 | 7.0 | 997 | 62 | 457 | 53 | 0 | 238 | 0 |
| 4321 | 8/13 | 57° 19.95' | -151° 22.97' | 73 | 7.0 | 3,547 | 205 | 601 | 70 | 15 | 45 | 0 |
| 4322 | 7/24 | 57° 20.00' | -151° 40.97' | 34 | 7.0 | 1,397 | 66 | 711 | 86 | 0 | 119 | 0 |
| 4323 | 8/5 | 57° 20.00' | -151° 59.94' | 40 | 7.0 | 545 | 26 | 155 | 17 | 0 | 0 | 0 |
| 4324 | 8/5 | 57° 20.00' | -152° 18.06' | 22 | 7.0 | 1,279 | 48 | 27 | 3 | 0 | 0 | 0 |
| 4325 | 8/13 | 57° 30.00' | -151° 05.05' | 44 | 7.0 | 952 | 65 | 714 | 85 | 0 | 185 | 0 |
| 4326 | 8/13 | 57° 30.02' | -151° 23.00' | 47 | 7.0 | 567 | 42 | 589 | 71 | 0 | 50 | 0 |
| 4327 | 7/24 | 57° 29.91' | -151° 42.00' | 59 | 7.0 | 1,374 | 92 | 446 | 52 | 0 | 85 | 0 |
| 4328 | 7/24 | 57° 29.92' | -152° 01.00' | 25 | 7.0 | 3,181 | 161 | 847 | 97 | 0 | 15 | 0 |
| 4329 | 7/23 | 57° 39.98' | -151° 42.88' | 35 | 7.0 | 1,806 | 142 | 1,291 | 144 | 0 | 50 | 0 |
| 4330 | 7/23 | 57° 39.97' | -152° 00.89' | 94 | 7.0 | 840 | 44 | 227 | 27 | 0 | 90 | 0 |
| 4331 | 6/21 | 57° 30.16' | -154° 54.51' | 126 | 7.0 | 368 | 15 | 34 | 4 | 69 | 114 | 0 |
| 4332 | 6/20 | 57° 40.08' | -154° 34.62' | 119 | 6.9 | 1,151 | 54 | 116 | 14 | 78 | 49 | 0 |
| 4333 | 6/21 | 57° 39.84' | -154° 54.32' | 127 | 7.0 | 1,021 | 53 | 27 | 3 | 74 | 35 | 0 |
| 4334 | 6/21 | 57° 40.14' | -155° 12.89' | 161 | 7.0 | 1,310 | 65 | 157 | 18 | 50 | 5 | 0 |
| 4335 | 6/19 | 57° 50.05' | -154° 15.38' | 112 | 6.9 | 1,386 | 80 | 193 | 21 | 29 | 54 | 0 |
| 4336 | 6/20 | 57° 50.04' | -154° 34.17' | 126 | 7.0 | 843 | 43 | 87 | 9 | 50 | 20 | 0 |
| 4337 | 6/20 | 57° 49.89' | -154° 53.43' | 158 | 7.0 | 757 | 39 | 55 | 6 | 54 | 0 | 0 |
| 4338 | 6/22 | 58° 00.02' | -153° 37.08' | 91 | 7.0 | 3,011 | 182 | 917 | 102 | 0 | 40 | 0 |
| 4339 | 6/19 | 58° 00.23' | -153° 55.78' | 108 | 6.9 | 1,373 | 67 | 132 | 17 | 39 | 25 | 0 |
| 4340 | 6/19 | 58° 00.01' | -154° 14.21' | 125 | 7.0 | 887 | 49 | 167 | 19 | 74 | 5 | 0 |
| 4341 | 6/7 | 58° 09.94' | -153° 18.96' | 53 | 7.0 | 532 | 30 | 548 | 88 | 0 | 163 | 0 |
| 4342 | 6/22 | 58° 10.02' | -153° 37.56' | 106 | 7.0 | 1,449 | 65 | 167 | 18 | 5 | 15 | 0 |
| 4343 | 6/22 | 58° 09.86' | -153° 57.12' | 115 | 7.0 | 765 | 41 | 185 | 21 | 10 | 25 | 0 |
| 4344 | 6/7 | 58° 20.04' | -153° 19.96' | 94 | 7.0 | 1,132 | 60 | 160 | 17 | 10 | 30 | 0 |
| 4345 | 6/7 | 58° 19.88' | -153° 38.92' | 95 | 7.0 | 1,107 | 50 | 124 | 14 | 0 | 168 | 0 |
| 4346 | 6/5 | 58° 20.02' | -153° 57.98' | 48 | 6.9 | 1,931 | 77 | 211 | 27 | 0 | 147 | 0 |
| 4347 | 6/8 | 58° 29.94' | -153° 02.09' | 93 | 7.0 | 531 | 30 | 146 | 18 | 5 | 54 | 0 |
| 4348 | 6/6 | 58° 30.07' | -153° 20.84' | 97 | 7.0 | 642 | 34 | 204 | 26 | 0 | 114 | 0 |
| 4350 | 6/8 | 58° 40.16' | -152° 43.98' | 109 | 7.0 | 325 | 20 | 160 | 20 | 45 | 89 | 0 |
| 4351 | 6/8 | 58° 39.82' | -153° 02.58' | 86 | 7.0 | 1,757 | 78 | 190 | 23 | 0 | 124 | 0 |
| 4352 | 6/6 | 58° 39.99' | -153° 23.20' | 23 | 7.0 | 806 | 51 | 502 | 70 | 0 | 218 | 0 |
| 4353 | 8/1 | 58° 50.08' | -152° 26.11' | 96 | 7.0 | 1,356 | 72 | 96 | 10 | 5 | 85 | 0 |
| 4354 | 6/14 | 58° 49.94' | -152° 45.33' | 104 | 7.0 | 404 | 24 | 76 | 10 | 25 | 10 | 0 |
| 4355 | 6/14 | 58° 49.91' | -153° 03.96' | 91 | 7.0 | 608 | 35 | 196 | 25 | 0 | 213 | 0 |
| 4356 | 6/11 | 59° 00.02' | -151° 48.27' | 76 | 7.0 | 1,978 | 135 | 1,443 | 179 | 0 | 40 | 0 |
| 4357 | 6/11 | 58° 59.91' | -152° 06.95' | 75 | 7.0 | 2,517 | 166 | 1,517 | 196 | 0 | 15 | 0 |
| 4358 | 8/1 | 59° 00.10' | -152° 26.73' | 78 | 7.0 | 921 | 46 | 243 | 29 | 25 | 25 | 0 |
| 4359 | 8/1 | 58° 59.98' | -152° 45.97' | 91 | 7.0 | 602 | 39 | 144 | 16 | 0 | 134 | 0 |
| 4360 | 6/14 | 58° 59.98' | -153° 05.03' | 84 | 7.0 | 1,365 | 64 | 162 | 20 | 0 | 60 | 0 |

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.

2009 IPHC Stock Assessment Survey

Area 3A

| Station | Date Fishe | 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 |
| 4361 | 6/11 | 59° 09.87' | -152° 07.70' | 77 | 6.9 | 1,422 | 88 | 1,515 | 186 | 0 | 5 | 0 |
| 4362 | 6/12 | 59° 10.04' | -152° 27.33' | 57 | 7.0 | 335 | 24 | 877 | 132 | 0 | 20 | 0 |
| 4363 | 6/13 | 59° 10.15' | -152° 47.04' | 76 | 7.0 | 506 | 27 | 202 | 29 | 0 | 94 | 0 |
| 4364 | 6/15 | 59° 10.07' | -153° 06.35' | 47 | 7.0 | 851 | 31 | 310 | 41 | 0 | 34 | 0 |
| 4365 | 6/15 | 59° 09.93' | -153° 25.52' | 23 | 6.9 | 3,181 | 139 | 197 | 25 | 0 | 167 | 0 |
| 4366 | 6/4 | 59° 19.98' | -152° 11.30' | 40 | 7.0 | 2,052 | 125 | 1,392 | 184 | 0 | 0 | 0 |
| 4367 | 6/12 | 59° 19.98' | -152° 27.69' | 42 | 7.0 | 1,021 | 68 | 1,428 | 203 | 0 | 30 | 0 |
| 4368 | 6/13 | 59° 19.96' | -152° 47.71' | 44 | 7.0 | 566 | 36 | 508 | 72 | 0 | 10 | 0 |
| 4369 | 6/15 | 59° 19.99' | -153° 07.92' | 28 | 6.9 | 429 | 22 | 208 | 27 | 0 | 206 | 0 |
| 4370 | 6/4 | 59° 29.89' | -151° 49.93' | 37 | 7.0 | 1,108 | 56 | 212 | 30 | 0 | 50 | 0 |
| 4371 | 6/4 | 59° 30.04' | -152° 08.53' | 21 | 7.0 | 1,673 | 80 | 1,591 | 207 | 0 | 15 | 0 |
| 4372 | 6/12 | 59° 29.91' | -152° 28.63' | 30 | 7.0 | 1,024 | 57 | 1,589 | 240 | 0 | 74 | 0 |
| 4373 | 6/13 | 59° 29.92' | -152° 48.70' | 29 | 7.0 | 1,791 | 92 | 516 | 65 | 0 | 110 | 0 |
| 4374 | 6/3 | 59° 40.08' | -152° 30.18' | 43 | 7.0 | 1,800 | 87 | 227 | 28 | 0 | 104 | 0 |
| 4375 | 6/3 | 59° 49.73' | -152° 11.00' | 26 | 7.0 | 813 | 58 | 1,802 | 232 | 0 | 5 | 0 |
| 372 Total Effective 3A Stations | | | | | Totals | 387,366 | 19,864 | 144,992 | 18,208 | 9,281 | 13,831 | 2,728 |

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.