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| INPFC EXHIBIT |
| Ser. No. 3276 |
| Rev. No. _____ |

Catch statistics of salmon and marine mammals caught
in gillnets of Japanese salmon research vessels in 1987

Fisheries Agency of Japan

1988 March

Table 1. Species code of marine mammals

| Species code | Common name | Species code | Common name |
|--------------|--------------------------------------|--------------|---------------------------------------|
| 8111 | Sea otter | 8311 | Saddleback dorphin |
| 8121 | Northern sea lion | 8312 | Pacific whiteside dolphin |
| 8122 | Northern fur seal | 8313 | Rough toothed dolphin |
| 8123 | California sea lion | 8314 | Northern right whale dolphin |
| 8120 | Unidentified otariid | 8321 | Harbor porpoise |
| 8131 | Walrus | 8331 | Dall's porpoise (<u>truei</u> -type) |
| 8141 | Ribbon seal | 8332 | Dall's porpoise (<u>dalli</u> -type) |
| 8142 | Ringed seal | 8333 | Dall's porpoise (black-type) |
| 8143 | Spotted seal; largal | 8330 | Dall's porpoise (type-unidentified) |
| 8144 | Harbor seal | 8341 | Shortfin pilot whale |
| 8140 | Unidentified phocid | 8342 | False killer whale |
| 8211 | Bowhead whale | 8343 | Killer whale |
| 8212 | Black right whale | 8300 | Unidentified dolphin/porpoise |
| 8221 | Gray whale | | |
| 8231 | Blue whale | | |
| 8232 | Fin whale | | |
| 8233 | Sei whale | | |
| 8234 | Minke whale | | |
| 8235 | Humpback whale | | |
| 8241 | Sperm whale | | |
| 8251 | Goose beak whale | | |
| 8252 | North pacific giant bottlenose whale | | |
| 8200 | Unidentified whale | | |

| SHIP | DATE | LOCATION | | SALMON AND INCIDENTAL CATCH RECORD | | | | | | | | | | RESEARCH | | VESSEL | | GILNETS | | FISH | | | | | | | |
|------|------------|----------|--------|------------------------------------|-----|-----|------|------|------|------|------|------|------|----------|------|--------|------|---------|------|------|------|----|------|----|------|----|--|
| | | LAT | LONG | SWT | TAN | RED | CHUM | PINK | COHO | KING | MASU | STEE | DOLY | TOTAL | SPEC | NO | SPEC | NO | SPEC | NO | SPEC | NO | SPEC | NO | SPEC | NO | |
| R05 | 1987 06 18 | 4201 | 17959W | 123 | 114 | 0 | 6 | 0 | 78 | 0 | 0 | 1 | 0 | 85 | | | | | | | | | | | | | |
| R05 | 1987 06 24 | 5300 | 17859W | 52 | 112 | 277 | 40 | 85 | 0 | 1 | 0 | 0 | 0 | 403 | | | | | | | | | | | | | |
| R05 | 1987 06 25 | 5401 | 17659W | 56 | 114 | 548 | 147 | 99 | 0 | 3 | 0 | 0 | 0 | 797 | | | | | | | | | | | | | |
| R05 | 1987 06 26 | 5500 | 17459W | 69 | 114 | 623 | 89 | 88 | 0 | 0 | 0 | 0 | 0 | 800 | | | | | | | | | | | | | |
| R05 | 1987 06 27 | 5400 | 17229W | 60 | 111 | 340 | 158 | 239 | 0 | 0 | 0 | 0 | 0 | 737 | | | | | | | | | | | | | |
| R05 | 1987 06 28 | 5500 | 17000W | 69 | 103 | 551 | 138 | 26 | 0 | 1 | 0 | 0 | 0 | 716 | | | | | | | | | | | | | |
| R05 | 1987 06 29 | 5400 | 17230W | 66 | 103 | 240 | 43 | 74 | 0 | 0 | 0 | 0 | 0 | 357 | 8332 | 2 | | | | | | | | | | | |
| R05 | 1987 07 01 | 5400 | 17230W | 70 | 103 | 118 | 109 | 63 | 1 | 1 | 0 | 0 | 0 | 292 | 8332 | 1 | | | | | | | | | | | |
| R05 | 1987 07 02 | 5500 | 17000W | 71 | 103 | 92 | 96 | 8 | 0 | 0 | 0 | 0 | 0 | 196 | | | | | | | | | | | | | |
| R05 | 1987 07 16 | 5600 | 14500W | 91 | 106 | 124 | 88 | 37 | 52 | 1 | 0 | 24 | 0 | 326 | | | | | | | | | | | | | |
| R05 | 1987 07 17 | 5500 | 14348W | 100 | 106 | 111 | 133 | 25 | 45 | 4 | 0 | 21 | 0 | 339 | | | | | | | | | | | | | |
| R05 | 1987 07 18 | 5400 | 14238W | 99 | 106 | 82 | 386 | 30 | 55 | 1 | 0 | 19 | 0 | 573 | | | | | | | | | | | | | |
| R05 | 1987 07 19 | 5257 | 14123W | 90 | 104 | 262 | 84 | 14 | 22 | 2 | 0 | 13 | 0 | 397 | | | | | | | | | | | | | |
| R05 | 1987 07 20 | 5200 | 14020W | 101 | 103 | 283 | 47 | 10 | 8 | 0 | 0 | 9 | 0 | 357 | | | | | | | | | | | | | |
| R05 | 1987 07 21 | 5100 | 13912W | 111 | 103 | 302 | 13 | 10 | 3 | 0 | 0 | 6 | 0 | 334 | | | | | | | | | | | | | |
| R05 | 1987 07 22 | 5000 | 13808W | 95 | 103 | 289 | 54 | 21 | 2 | 0 | 0 | 20 | 0 | 386 | | | | | | | | | | | | | |
| R05 | 1987 07 23 | 4900 | 13705W | 103 | 102 | 15 | 55 | 12 | 2 | 0 | 0 | 11 | 0 | 95 | 8332 | 1 | | | | | | | | | | | |
| R05 | 1987 07 24 | 4800 | 13600W | 117 | 102 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | | | | | | | | | | | | | |
| R05 | 1987 07 25 | 4700 | 13500W | 124 | 102 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | | | | | | | | | | | | | |
| R05 | 1987 07 26 | 4559 | 13358W | 140 | 102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | |
| R06 | 1987 06 09 | 3500 | 15505E | 214 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | |
| R06 | 1987 06 10 | 3630 | 15500E | 196 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | |
| R06 | 1987 06 11 | 3800 | 15500E | 169 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8312 | 2 | | | | | | | | | | | |
| R06 | 1987 06 14 | 4059 | 15501E | 151 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | |
| R06 | 1987 06 15 | 4230 | 15559E | 107 | 103 | 0 | 109 | 85 | 0 | 0 | 0 | 0 | 0 | 194 | | | | | | | | | | | | | |
| R06 | 1987 06 16 | 4400 | 15459E | 87 | 103 | 0 | 40 | 176 | 0 | 2 | 0 | 0 | 0 | 218 | | | | | | | | | | | | | |
| R06 | 1987 06 29 | 3453 | 15513E | 220 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | |
| R06 | 1987 06 30 | 3615 | 15459E | 195 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | |

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A 101

A 121

A 115, A 112

| 1987 | | TABLE 43 - 1 | | | SALMON | | AND | | INCIDENTAL | | | CATCH | | RECORD | | RESEARCH | | VESSEL | | GILNETS | | MAMMAL | | | | |
|----------|------|--------------|-------------|-------------|--------|-----|------|------|------------|------|------|---------------------|------|--------|------|-----------|------|--------|------|---------|------|--------|------|----|--|--|
| SHIP | DATE | LAT | LONG | SWT | TAN | RED | CHUM | PINK | COHO | KING | MASU | STEE | DOLY | TOTAL | SPEC | NO | SPEC | NO | SPEC | NO | SPEC | NO | SPEC | NO | | |
| LOCATION | | | | S A L M O N | | | | | | | | I N C I D E N T A L | | | | C A T C H | | | | | | | | | | |
| R06 | 1987 | 07 02 | 3846 15500E | 157 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | |
| R06 | 1987 | 07 03 | 4016 15500E | 163 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | |
| R06 | 1987 | 07 04 | 4201 15500E | 136 | 103 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | | | | | | | | | | | | |
| R06 | 1987 | 07 05 | 4401 15459E | 116 | 103 | 0 | 14 | 74 | 13 | 2 | 0 | 0 | 0 | 103 | | | | | | | | | | | | |
| R06 | 1987 | 07 19 | 4715 16911E | 73 | 103 | 7 | 240 | 16 | 84 | 4 | 0 | 4 | 0 | 355 | | | | | | | | | | | | |
| R06 | 1987 | 07 20 | 4558 17001E | 84 | 103 | 2 | 71 | 8 | 16 | 0 | 0 | 2 | 0 | 99 | | | | | | | | | | | | |
| R06 | 1987 | 07 21 | 4429 16959E | 79 | 103 | 0 | 66 | 3 | 33 | 0 | 0 | 4 | 0 | 116 | 8330 | 1 | | | | | | | | | | |
| R06 | 1987 | 07 22 | 4300 17000E | 106 | 103 | 0 | 21 | 0 | 48 | 0 | 0 | 0 | 0 | 69 | 8122 | 1 | | | | | | | | | | |
| R06 | 1987 | 07 25 | 3830 17001E | 172 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | |
| R06 | 1987 | 07 27 | 3831 17533E | 194 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | |
| R06 | 1987 | 07 28 | 4001 17531E | 163 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | |
| R06 | 1987 | 07 29 | 4131 17500E | 145 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | |
| R06 | 1987 | 07 30 | 4301 17530E | 133 | 103 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 4 | | | | | | | | | | | | |
| R06 | 1987 | 07 31 | 4431 17529E | 105 | 103 | 0 | 21 | 0 | 19 | 0 | 0 | 0 | 0 | 40 | | | | | | | | | | | | |
| R06 | 1987 | 08 02 | 4601 17531E | 90 | 10 | 0 | 76 | 0 | 19 | 1 | 0 | 4 | 0 | 100 | 8122 | 1 | | | | | | | | | | |
| R06 | 1987 | 08 05 | 4800 17327E | 84 | 103 | 1 | 29 | 0 | 44 | 1 | 0 | 5 | 0 | 80 | 8330 | 1 | | | | | | | | | | |
| R06 | 1987 | 08 06 | 4831 17122E | 85 | 103 | 2 | 112 | 3 | 144 | 2 | 0 | 9 | 0 | 272 | | | | | | | | | | | | |
| R06 | 1987 | 08 07 | 4901 16918E | 93 | 103 | 6 | 210 | 1 | 189 | 25 | 0 | 5 | 0 | 436 | | | | | | | | | | | | |
| R08 | 1987 | 07 04 | 4633 16831E | 67 | 60 | 4 | 45 | 63 | 11 | 0 | 0 | 0 | 0 | 123 | | | | | | | | | | | | |
| R08 | 1987 | 07 05 | 4751 17035E | 66 | 60 | 4 | 52 | 113 | 29 | 6 | 0 | 3 | 0 | 207 | | | | | | | | | | | | |
| R08 | 1987 | 07 06 | 4749 16849E | 64 | 60 | 8 | 43 | 196 | 45 | 2 | 0 | 0 | 0 | 294 | | | | | | | | | | | | |
| R08 | 1987 | 07 07 | 4752 16712E | 73 | 60 | 17 | 68 | 235 | 27 | 0 | 0 | 0 | 0 | 347 | | | | | | | | | | | | |
| R08 | 1987 | 07 08 | 4851 16708E | 74 | 60 | 26 | 26 | 180 | 17 | 1 | 0 | 1 | 0 | 251 | | | | | | | | | | | | |
| R08 | 1987 | 07 09 | 4955 16710E | 77 | 60 | 90 | 26 | 121 | 16 | 4 | 0 | 0 | 0 | 257 | | | | | | | | | | | | |
| R08 | 1987 | 07 10 | 4956 16611E | 81 | 60 | 53 | 37 | 158 | 12 | 2 | 0 | 0 | 0 | 262 | | | | | | | | | | | | |
| R08 | 1987 | 07 11 | 4955 16522E | 82 | 60 | 79 | 53 | 274 | 21 | 9 | 0 | 0 | 0 | 436 | | | | | | | | | | | | |
| R08 | 1987 | 07 13 | 4838 16512E | 69 | 60 | 127 | 114 | 188 | 35 | 10 | 0 | 1 | 0 | 475 | | | | | | | | | | | | |
| R08 | 1987 | 07 14 | 4754 16516E | 74 | 60 | 83 | 142 | 218 | 44 | 5 | 0 | 4 | 0 | 496 | | | | | | | | | | | | |
| R08 | 1987 | 07 16 | 4755 16252E | 76 | 60 | 174 | 236 | 775 | 51 | 2 | 0 | 3 | 0 | 1241 | | | | | | | | | | | | |

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| 1987 | | TABLE 43 - 1 | | SALMON AND INCIDENTAL CATCH RECORD | | | | | | | | | | | | RESEARCH | | VESSEL | | GILNETS | | MAMMAL | | | | | |
|------|------|--------------|------|------------------------------------|--------|-----|------|------|------|------|------|------|------|-------|------|---------------------|------|-----------|------|---------|------|--------|------|----|------|----|--|
| SHIP | DATE | LOCATION | | S A L M O N | | | | | | | | | | | | I N C I D E N T A L | | C A T C H | | | | | | | | | |
| | | LAT | LONG | SWT | TAN | RED | CHUM | PINK | COHO | KING | MASU | STEE | DOLY | TOTAL | SPEC | NO | SPEC | NO | SPEC | NO | SPEC | NO | SPEC | NO | SPEC | NO | |
| R17 | 1987 | 07 | 03 | 4955 | 16245E | 72 | 80 | 233 | 179 | 400 | 9 | 5 | 0 | 0 | 0 | 826 | | | | | | | | | | | |
| R17 | 1987 | 07 | 04 | 4858 | 16130E | 72 | 80 | 177 | 76 | 300 | 6 | 2 | 0 | 0 | 0 | 561 | | | | | | | | | | | |
| R17 | 1987 | 07 | 05 | 4758 | 16015E | 79 | 80 | 118 | 130 | 625 | 23 | 1 | 0 | 0 | 0 | 897 | | | | | | | | | | | |
| R17 | 1987 | 07 | 06 | 4658 | 15910E | 75 | 80 | 31 | 131 | 285 | 23 | 6 | 0 | 0 | 0 | 476 | | | | | | | | | | | |
| R32 | 1987 | 06 | 14 | 5430 | 17930W | 45 | 160 | 53 | 111 | 13 | 0 | 9 | 0 | 0 | 0 | 186 | 8332 | 1 | | | | | | | | | |
| R32 | 1987 | 06 | 15 | 5431 | 17833E | 56 | 80 | 32 | 42 | 5 | 0 | 16 | 0 | 0 | 0 | 95 | | | | | | | | | | | |
| R32 | 1987 | 06 | 16 | 5530 | 17830E | 59 | 160 | 36 | 83 | 13 | 0 | 66 | 0 | 0 | 0 | 198 | 8332 | 1 | | | | | | | | | |
| R32 | 1987 | 06 | 17 | 5642 | 17827E | 48 | 400 | 53 | 92 | 10 | 0 | 13 | 0 | 0 | 1 | 169 | | | | | | | | | | | |
| R32 | 1987 | 06 | 18 | 5642 | 17817E | 49 | 160 | 22 | 101 | 9 | 0 | 7 | 0 | 0 | 0 | 139 | | | | | | | | | | | |
| R32 | 1987 | 06 | 19 | 5730 | 17830E | 56 | 80 | 17 | 32 | 2 | 0 | 7 | 0 | 0 | 0 | 58 | | | | | | | | | | | |
| R32 | 1987 | 06 | 21 | 5830 | 17830E | 48 | 160 | 32 | 84 | 2 | 0 | 8 | 0 | 0 | 1 | 127 | 8332 | 2 | | | | | | | | | |
| R32 | 1987 | 06 | 22 | 5830 | 17930W | 65 | 160 | 62 | 196 | 18 | 0 | 164 | 0 | 0 | 7 | 447 | | | | | | | | | | | |
| R32 | 1987 | 06 | 23 | 5730 | 17930W | 60 | 160 | 72 | 188 | 39 | 0 | 22 | 0 | 0 | 4 | 325 | | | | | | | | | | | |
| R32 | 1987 | 06 | 24 | 5630 | 17930W | 0 | 400 | 36 | 204 | 213 | 0 | 8 | 0 | 0 | 0 | 461 | 8332 | 2 | | | | | | | | | |
| R32 | 1987 | 06 | 25 | 5623 | 17937W | 0 | 160 | 42 | 158 | 320 | 0 | 8 | 0 | 0 | 0 | 528 | | | | | | | | | | | |
| R32 | 1987 | 06 | 27 | 5530 | 17931W | 57 | 80 | 21 | 56 | 122 | 1 | 0 | 0 | 0 | 0 | 200 | | | | | | | | | | | |
| R32 | 1987 | 06 | 28 | 5530 | 17730W | 58 | 160 | 156 | 301 | 909 | 0 | 2 | 0 | 0 | 0 | 1368 | | | | | | | | | | | |
| R32 | 1987 | 06 | 29 | 5530 | 17530W | 67 | 80 | 305 | 113 | 202 | 0 | 1 | 0 | 0 | 0 | 621 | | | | | | | | | | | |
| R32 | 1987 | 06 | 30 | 5529 | 17529W | 72 | 160 | 507 | 413 | 1206 | 2 | 15 | 0 | 0 | 1 | 2144 | | | | | | | | | | | |
| R32 | 1987 | 07 | 01 | 5630 | 17530W | 76 | 160 | 463 | 411 | 691 | 1 | 13 | 0 | 0 | 0 | 1579 | | | | | | | | | | | |
| R32 | 1987 | 07 | 04 | 5630 | 17730W | 68 | 80 | 17 | 63 | 298 | 0 | 0 | 0 | 0 | 0 | 378 | | | | | | | | | | | |
| R32 | 1987 | 07 | 05 | 5730 | 17731W | 81 | 80 | 23 | 193 | 447 | 0 | 6 | 0 | 0 | 0 | 669 | | | | | | | | | | | |
| R32 | 1987 | 07 | 06 | 5730 | 17530W | 78 | 80 | 64 | 137 | 210 | 0 | 2 | 0 | 0 | 0 | 413 | | | | | | | | | | | |
| R32 | 1987 | 07 | 07 | 5830 | 17530W | 79 | 80 | 136 | 454 | 116 | 1 | 21 | 0 | 0 | 9 | 737 | | | | | | | | | | | |
| R32 | 1987 | 07 | 08 | 5931 | 17530W | 74 | 400 | 51 | 578 | 406 | 0 | 28 | 0 | 0 | 918 | 1981 | | | | | | | | | | | |
| R32 | 1987 | 07 | 09 | 5930 | 17530W | 78 | 80 | 14 | 165 | 69 | 0 | 7 | 0 | 0 | 3 | 258 | | | | | | | | | | | |
| R32 | 1987 | 07 | 10 | 6030 | 17530W | 76 | 80 | 13 | 228 | 68 | 0 | 8 | 0 | 0 | 63 | 380 | | | | | | | | | | | |
| R32 | 1987 | 07 | 11 | 6030 | 17730W | 75 | 80 | 7 | 91 | 58 | 0 | 10 | 0 | 0 | 55 | 221 | | | | | | | | | | | |

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