

## 1988 HERRING SAC-ROE FISHERIES

ADFG Rpt - Dova Eggen

16-Jun-88 B-3

| FISHERY<br>-----            | OPENED<br>----- | CLOSED<br>----- | HARVEST<br>----- | GHJ<br>--- | ROE %<br>----- | PRICE<br>----- | VALUE<br>----- | NO. FISHERMEN<br>----- |
|-----------------------------|-----------------|-----------------|------------------|------------|----------------|----------------|----------------|------------------------|
| <b>Southeastern</b>         |                 |                 |                  |            |                |                |                |                        |
| Kah Shaks                   | 3/25            | 3/25            | 1150             | 950        | 12             | 1300           | \$1,495,000    | 199                    |
| Sitka                       | 4/04            | 4/14            | 9278             | 9200       | 10             | 500            | \$4,639,000    | 20                     |
| Seymour Canal               | 4/26            | 5/01            | 580              | 530        | 13             | 1500           | \$870,000      | 95                     |
| <b>Prince William Sound</b> |                 |                 |                  |            |                |                |                |                        |
| Seine                       | 4/21            | 4/22            | 7821             | 5000       | 10             | 700            | \$5,474,700    | 105                    |
| Gill Net                    | 4/23            | 4/23            | 370              | 275        | 10             | 1500           | \$555,000      | 25                     |
| Pound                       | 4/12            | 4/23            | 124              |            |                | 36129          | \$4,479,996    | 122                    |
| Wild Kelp                   | 4/29            | 4/30            | 98               | 103        |                | 2237           | \$219,226      | 125                    |
| <b>Cook Inlet</b>           |                 |                 |                  |            |                |                |                |                        |
| Lower                       | 4/20            | 5/14            | 5660             | 5500       | 11             | 1500           | \$8,490,000    | 75                     |
| Upper                       |                 |                 |                  |            |                |                | \$0            |                        |
| <b>Kodiak</b>               |                 |                 |                  |            |                |                |                |                        |
| Seine                       | 4/15            | 6/30            | 2165             | 2000       | 10             | 1400           | \$3,031,000    |                        |
| Gill Net                    |                 |                 |                  |            |                |                | \$0            | 30                     |
|                             |                 |                 |                  |            |                |                | \$0            | 65                     |
| <b>Chignik</b>              |                 |                 |                  |            |                |                |                |                        |
|                             | 4/15            | 6/30            | 64               | 75         | 10             | 1000           | \$64,000       | 6                      |
| <b>Alaska Peninsula</b>     |                 |                 |                  |            |                |                |                |                        |
|                             | 4/15            | 6/30            | 358              | 1000       | 10             | 700            | \$250,600      | 55                     |
| <b>Togiak</b>               |                 |                 |                  |            |                |                |                |                        |
| Seine                       | 5/17            | 5/17            | 10359            |            | 11             | 1075           | \$11,135,925   | 239                    |
| Gill Net                    | 5/17            | 5/17            | 3416             |            | 8              | 830            | \$2,835,280    | 300                    |
| Wild Kelp                   | 5/20            | 5/21            | 245              |            |                | 1400           | \$343,000      | 400                    |
| <b>Security Cove</b>        |                 |                 |                  |            |                |                |                |                        |
|                             | 5/19            | 5/20            | 320              | 225        | 10             | 1000           | \$320,000      | 15                     |
| <b>Goodnews Bay</b>         |                 |                 |                  |            |                |                |                |                        |
|                             | 5/23            | 5/26            | 485              | 450        | 8              | 800            | \$388,000      | 54                     |
| <b>Cape Avinof</b>          |                 |                 |                  |            |                |                |                |                        |
|                             | 5/29            | 6/3             | 358              | 410        | 10             | 1000           | \$358,000      | 60                     |
| <b>Nunivak Island</b>       |                 |                 |                  |            |                |                |                |                        |
|                             |                 |                 |                  | 280        |                |                | \$0            |                        |
| <b>Nelson Island</b>        |                 |                 |                  |            |                |                |                |                        |
|                             | 5/26            | 5/26            | 735              | 500        | 8              | 800            | \$588,000      | 127                    |
| <b>Cape Romanzof</b>        |                 |                 |                  |            |                |                |                |                        |
|                             | 5/24            | 5/25            | 1065             | 880        | 10             | 1000           | \$1,065,000    | 100                    |
| <b>Norton Sound</b>         |                 |                 |                  |            |                |                |                |                        |
| Gill Net                    | 5/27            | 5/31            | 259              |            | 10             | 1020           | \$264,180      | 165                    |
| Seine                       | 5/27            | 5/31            | 4465             |            | 9              | 860            | \$3,839,900    |                        |
| <b>Port Clarence</b>        |                 |                 |                  |            |                |                |                |                        |
|                             | 4/15            | 8/15            | 75               | 165        | 8              | 800            |                | 11                     |
| <b>STATEWIDE TOTALS</b>     |                 |                 | 49450            | 27543      | 10             |                | \$50,705,807   |                        |

NATIONAL MARINE FISHERIES SERVICE  
 FISHERY MANAGEMENT DIVISION  
 JUNEAU, ALASKA

1988 ALASKAN GROUND FISH FISHERIES  
 DOMESTIC CLOSURES

17-Jun-88

| AREA      | SUB-<br>AREA(S) | TYPE | GEAR  | SPECIES     | EXCEPTIONS      | EFFECTIVE DATE |       |
|-----------|-----------------|------|-------|-------------|-----------------|----------------|-------|
|           |                 |      |       |             |                 | FROM           | TO    |
| ZONE 1 BS | 512             | DAH  | TRAWL | ALL         | PT. MOLLER COD  | 01/01          | 12/31 |
| ALL GULF  | 61 - 68         | DAP  | TRAWL | SABLEFISH   | BYCATCH ONLY    | 01/01          | 12/31 |
| C & E GOA | 62 - 68         | DAP  | POT   | ALL         | NONE            | 01/01          | 12/31 |
| ALL GULF  | 61 - 68         | DAP  | LL    | SABLEFISH   | BYCATCH ONLY    | 01/01          | 03/31 |
| BSA       | 51 - 54         | JVP  | ALL   | POLLOCK     | BYCATCH ONLY    | 01/01          | 01/14 |
| BERING    | 51 - 53         | JVP  | ALL   | POLLOCK     | BYCATCH ONLY    | 02/10          | 04/16 |
| ALEUTIANS | 54              | JVP  | ALL   | POLLOCK     | BYCATCH ONLY    | 03/04          | 04/16 |
| ZONE 1 BS | 511             | DAH  | TRAWL | YFSOLE/FLAT | BYCATCH ONLY    | 03/08          | 12/31 |
| SE/E YAK  | 65, 68          | DAP  | LL    | SABLEFISH   | 4% BYCATCH ONLY | 05/02          | 12/31 |
| WEST YAK  | 64              | DAP  | LL    | SABLEFISH   | 4% BYCATCH ONLY | 05/02          | 12/31 |
| BERING    | 51 - 53         | JVP  | ALL   | POLLOCK     | BYCATCH ONLY    | 05/24          | 12/31 |
| E. GULF   | 64 - 68         | DAH  | ALL   | FLATFISH    | PSC             | 05/27          | 12/31 |
| BSA       | 51 - 54         | JVP  | ALL   | YFIN SOLE   | BYCATCH ONLY    | 06/03          | 12/31 |
| BERING    | 51 - 53         | DAH  | ALL   | SABLEFISH   | BYCATCH ONLY    | 06/11          | 12/31 |
| C. GULF   | 62 - 63         | DAH  | LL    | SABLEFISH   | 4% BYCATCH ONLY | 06/12          | 12/31 |
| WEST YAK  | 64              | DAH  | TRAWL | SABLEFISH   | PSC             | 06/18          | 12/31 |

NOTES: UNLESS OTHERWISE SPECIFIED, "BYCATCH" MEANS <20%  
 PSC = PROHIBITED SPECIES

16-Jun 1988 GULF OF ALASKA

CURRENT APPORTIONMENTS AND CURRENT CATCHES

DAP CATCHES THRU 28-May +  
 JVP CATCHES THRU 04-Jun

|                              |            |       | CURRENT APPORT. | CURRENT CATCHES | SPECIES        | CURRENT APPORT. | CURRENT CATCHES |       |         |
|------------------------------|------------|-------|-----------------|-----------------|----------------|-----------------|-----------------|-------|---------|
| POLLOCK<br>(WESTERN/CENTRAL) | TAC        | 90000 | TOTAL           | 23609           | OTHER          | TAC             | 4850            | TOTAL | 271     |
|                              | DAP        | 89500 | DAP             | 23609           | ROCKFISH       | DAP             | 4850            | DAP   | 271     |
|                              | JVP        | 500   | JVP             | 0               | (WESTERN)      | JVP †           | 0               | JVP   | 0       |
|                              | ABC= 90000 | RES   | 0               | REMAIN.         | 66391          | ABC= 550        | RES             | 0     | REMAIN. |
| POLLOCK<br>(EASTERN)         | TAC        | 3000  | TOTAL           | 60              | OTHER          | TAC             | 7100            | TOTAL | 2850    |
|                              | DAP        | 3000  | DAP             | 60              | ROCKFISH       | DAP             | 7100            | DAP   | 2850    |
|                              | JVP        | 0     | JVP             | 0               | (CENTRAL)      | JVP †           | 0               | JVP   | 0       |
|                              | ABC= 3000  | RES   | 0               | REMAIN.         | 2940           | ABC= 2350       | RES             | 0     | REMAIN. |
| PACIFIC COD<br>(WESTERN)     | TAC        | 19000 | TOTAL           | 2126            | OTHER          | TAC             | 4850            | TOTAL | 3226    |
|                              | DAP        | 13000 | DAP             | 2126            | ROCKFISH       | DAP             | 4850            | DAP   | 3226    |
|                              | JVP        | 6000  | JVP             | 0               | (EASTERN)      | JVP             | 0               | JVP   | 0       |
|                              | ABC= 19000 | RES   | 0               | REMAIN.         | 16874          | ABC= 400        | RES             | 0     | REMAIN. |
| PACIFIC COD<br>(CENTRAL)     | TAC        | 60800 | TOTAL           | 16543           | PELAGIC SHELF  | TAC             | 550             | TOTAL | 16      |
|                              | DAP        | 55750 | DAP             | 16543           | ROCKFISH       | DAP             | 550             | DAP   | 16      |
|                              | JVP        | 5050  | JVP             | 0               | (WESTERN)      | JVP †           | 0               | JVP   | 0       |
|                              | ABC= 60800 | RES   | 0               | REMAIN.         | 44257          | ABC= 550        | RES             | 0     | REMAIN. |
| PACIFIC COD<br>(EASTERN)     | TAC        | 200   | TOTAL           | 40              | PELAGIC SHELF  | TAC             | 2350            | TOTAL | 150     |
|                              | DAP        | 200   | DAP             | 40              | ROCKFISH       | DAP             | 2350            | DAP   | 150     |
|                              | JVP        | 0     | JVP             | 0               | (CENTRAL)      | JVP †           | 0               | JVP   | 0       |
|                              | ABC= 200   | RES   | 0               | REMAIN.         | 160            | ABC= 2350       | RES             | 0     | REMAIN. |
| FLOUNDERS<br>(WESTERN)       | TAC        | 1600  | TOTAL           | 101             | PELAGIC SHELF  | TAC             | 400             | TOTAL | 80      |
|                              | DAP        | 1550  | DAP             | 101             | ROCKFISH       | DAP             | 400             | DAP   | 80      |
|                              | JVP        | 50    | JVP             | 0               | (EASTERN)      | JVP             | 0               | JVP   | 0       |
|                              | ABC= 1600  | RES   | 0               | REMAIN.         | 1499           | ABC= 400        | RES             | 0     | REMAIN. |
| FLOUNDERS<br>(CENTRAL)       | TAC        | 21300 | TOTAL           | 3355            | DEMERSAL SHELF | TQ              | 660             | TOTAL | 228     |
|                              | DAP        | 14300 | DAP             | 3355            | ROCKFISH       | DAP             | 660             | DAP   | 228     |
|                              | JVP        | 7000  | JVP             | 0               | (SE OUTSIDE)   | JVP             | 0               | JVP   | 0       |
|                              | ABC= 21300 | RES   | 0               | REMAIN.         | 17945          | ABC= 4000       | RES             | 0     | REMAIN. |
| FLOUNDERS<br>(EASTERN)       | TAC        | 100   | TOTAL           | 686             | THORNYHEADS    | TQ              | 3750            | TOTAL | 951     |
|                              | DAP        | 100   | DAP             | 686             | (GULE-WIDE)    | DAP             | 3700            | DAP   | 951     |
|                              | JVP        | 0     | JVP             | 0               |                | JVP             | 50              | JVP   | 0       |
|                              | ABC= 100   | RES   | 0               | REMAIN.         | -586           | ABC= 3750       | RES             | 0     | REMAIN. |
| SABLEFISH<br>(WESTERN)       | TQ         | 4060  | TOTAL           | 1746            | OTHER          | TQ              | 12426           | TOTAL | 243     |
|                              | DAP        | 4060  | DAP             | 1746            | SPECIES        | DAP             | -10926          | DAP   | 243     |
|                              | JVP †      | 30    | JVP             | 0               |                | JVP             | 1500            | JVP   | 0       |
|                              | ABC= 4060  | RES   | 0               | REMAIN.         | 2314           |                 | RES             | 0     | REMAIN. |
| SABLEFISH<br>(CENTRAL)       | TQ         | 12540 | TOTAL           | 9582            | TOTAL          | TQ              | 260936          | TOTAL | 76773   |
|                              | DAP        | 12540 | DAP             | 9582            |                | DAP             | 240786          | DAP   | 76773   |
|                              | JVP †      | 169   | JVP             | 0               |                | JVP             | 20150           | JVP   | 0       |
|                              | ABC= 8800  | RES   | 0               | REMAIN.         | 2958           | ABC= 228110     | RES             | 0     | REMAIN. |
| SABLEFISH<br>(EASTERN)       | TQ         | 11400 | TOTAL           | 10910           |                |                 |                 |       |         |
|                              | DAP        | 11400 | DAP             | 10910           |                |                 |                 |       |         |
|                              | JVP        | 0     | JVP             | 0               |                |                 |                 |       |         |

+ SABLEFISH LONGLINE CATCHES UPDATED MORE RECENTLY  
 † NOT PART OF TQ

16-Jun 1988 BERING SEA AND ALEUTIANS: CURRENT APPORTIONMENTS AND CURRENT CATCHES

DAP CATCHES THRU 28-May  
 JVP CATCHES THRU 04-Jun

| SPECIES                          | CURRENT APPORT. | CURRENT CATCHES | SPECIES                         | CURRENT APPORT. | CURRENT CATCHES |
|----------------------------------|-----------------|-----------------|---------------------------------|-----------------|-----------------|
| POLLOCK (BERING SEA)             | CTAC 1300000    | TOTAL 776101    | PACIFIC OCEAN PERCH (ALEUTIANS) | CTAC 5541       | TOTAL 74        |
|                                  | DAP 614162      | DAP 117203      |                                 | DAP 5100        | DAP 74          |
|                                  | JVP 685838      | JVP 658898      |                                 | JVP 441         | JVP 0           |
| ABC= 1500000                     | TALFF 0         | TALFF 0         | ABC= 16600                      | TALFF 0         | TALFF 0         |
| OTAC= 1300000                    | "RES" 0         | REMAIN. 523899  | OTAC= 6000                      | "RES" 459       | REMAIN. 5467    |
| POLLOCK (ALEUTIANS)              | CTAC 45000      | TOTAL 23021     | ROCKFISH (BERING)               | CTAC 370        | TOTAL 125       |
|                                  | DAP 4160        | DAP 986         |                                 | DAP 340         | DAP 119         |
|                                  | JVP 40840       | JVP 22035       |                                 | JVP 30          | JVP 6           |
| ABC= 100000                      | TALFF 0         | TALFF 0         | ABC= 400                        | TALFF 0         | TALFF 0         |
| OTAC= 45000                      | "RES" 0         | REMAIN. 21979   | OTAC= 400                       | "RES" 30        | REMAIN. 245     |
| YELLOWFIN SOLE                   | CTAC 223900     | TOTAL 191961    | ROCKFISH (ALEUTIANS)            | CTAC 1100       | TOTAL 13        |
|                                  | DAP 26356       | DAP 2231        |                                 | DAP 935         | DAP 13          |
|                                  | JVP 197544      | JVP 189730      |                                 | JVP 165         | JVP 0           |
| ABC= 254000                      | TALFF 0         | TALFF 0         | ABC= 1100                       | TALFF 0         | TALFF 0         |
| OTAC= 254000                     | "RES" 30100     | REMAIN. 31939   | OTAC= 1100                      | "RES" 0         | REMAIN. 1087    |
| GREENLAND TURBOT                 | CTAC 9601       | TOTAL 1713      | SABLEFISH (BERING)              | CTAC 2927       | TOTAL 1795      |
|                                  | DAP 9520        | DAP 1644        |                                 | DAP 2890        | DAP 1795        |
|                                  | JVP 81          | JVP 69          |                                 | JVP 37          | JVP 0           |
| ABC= 14100                       | TALFF 0         | TALFF 0         | ABC= 3400                       | TALFF 0         | TALFF 0         |
| OTAC= 11200                      | "RES" 1599      | REMAIN. 7888    | OTAC= 3400                      | "RES" 473       | REMAIN. 1132    |
| ARROWTOOTH FLOUNDER              | CTAC 5701       | TOTAL 1733      | SABLEFISH (ALEUTIANS)           | CTAC 4297       | TOTAL 588       |
|                                  | DAP 3808        | DAP 268         |                                 | DAP 4250        | DAP 588         |
|                                  | JVP 1893        | JVP 1465        |                                 | JVP 47          | JVP 0           |
| ABC= 99500                       | TALFF 0         | TALFF 0         | ABC= 5800                       | TALFF 0         | TALFF 0         |
| OTAC= 5531                       | "RES" -170      | REMAIN. 3968    | OTAC= 5000                      | "RES" 703       | REMAIN. 3709    |
| OTHER FLOUNDERS                  | CTAC 149664     | TOTAL 123489    | ATKA MACKERAL                   | CTAC 17850      | TOTAL 20        |
|                                  | DAP 36403       | DAP 26288       |                                 | DAP 80          | DAP 17          |
|                                  | JVP 113261      | JVP 97201       |                                 | JVP 17770       | JVP 3           |
| ABC= 331900                      | TALFF 0         | TALFF 0         | ABC= 21000                      | TALFF 0         | TALFF 0         |
| OTAC= 131369                     | "RES" -18295    | REMAIN. 26175   | OTAC= 21000                     | "RES" 3150      | REMAIN. 17830   |
| PACIFIC COD                      | CTAC 188000     | TOTAL 124706    | SQUID                           | CTAC 875        | TOTAL 11        |
|                                  | DAP 87416       | DAP 31458       |                                 | DAP 850         | DAP 8           |
|                                  | JVP 100584      | JVP 93248       |                                 | JVP 25          | JVP 3           |
| ABC= 385000                      | TALFF 0         | TALFF 0         | ABC= 10000                      | TALFF 0         | TALFF 0         |
| OTAC= 200000                     | "RES" 12000     | REMAIN. 63294   | OTAC= 1000                      | "RES" 125       | REMAIN. 864     |
| PACIFIC OCEAN PERCH (BERING SEA) | CTAC 4278       | TOTAL 164       | OTHER SPECIES                   | CTAC 13500      | TOTAL 9802      |
|                                  | DAP 4250        | DAP 159         |                                 | DAP 2000        | DAP 473         |
|                                  | JVP 28          | JVP 5           |                                 | JVP 11500       | JVP 9329        |
| ABC= 6000                        | TALFF 0         | TALFF 0         | ABC= 54000                      | TALFF 0         | TALFF 0         |
| OTAC= 5000                       | "RES" 722       | REMAIN. 4114    | OTAC= 10000                     | "RES" -3500     | REMAIN. 3698    |

CTAC = CURRENT TOTAL ALLOWABLE CATCH  
 TOTAL = TOTAL CATCH, DAP + JVP + TALFF  
 "RES" = OTAC (ORIGINAL TAC) MINUS CTAC  
 REMAIN = CTAC MINUS TOTAL CATCH  
 REMAINDER PLUS RESERVES GIVES TOTAL REMAINDER: 744684 MT.

TOTAL CTAC 1972604 TOTAL 1255316  
 DAP 802520 DAP 183324  
 JVP 1170084 JVP 1071992  
 ABC= 2802800 TALFF 0 TALFF 0  
 TAC= 2000000 RESERVE 27396 REMAIN. 717288



10-Jun 1988 CHRONOLOGY  
 BERING SEA AND ALEUTIANS APPORTIONMENTS OF GROUND FISH TAC

|             |         | INITIAL | JAN. 1  | JAN. 1 | APRIL   | APRIL  | MAY 10  | MAY 10  | MAY 25  | MAY 25  | JUNE    | JUNE    |       |
|-------------|---------|---------|---------|--------|---------|--------|---------|---------|---------|---------|---------|---------|-------|
|             |         | CHANGE  | TOTAL   | CHANGE | TOTAL   | CHANGE | TOTAL   | CHANGE  | TOTAL   | CHANGE  | TOTAL   | TOTAL   |       |
| ROCKFISH    | CTAC    | 340     | 370     |        | 370     |        | 370     |         | 370     |         | 370     | 370     |       |
| (BERING)    | DAP     | 340     | 340     |        | 340     |        | 340     |         | 340     |         | 340     | 340     |       |
|             | JVP     | 0       | 30      | 30     | 30      |        | 30      |         | 30      |         | 30      | 30      |       |
| ABC=        | 400     | TALFF   | 0       | 0      | 0       |        | 0       |         | 0       |         | 0       | 0       |       |
| OTAC=       | 400     | "RES"   | 60      | -30    | 30      |        | 30      |         | 30      |         | 30      | 30      |       |
| ROCKFISH    | CTAC    | 935     | 1100    |        | 1100    |        | 1100    |         | 1100    |         | 1100    | 1100    |       |
| (ALEUTIANS) | DAP     | 935     | 935     |        | 935     |        | 935     |         | 935     |         | 935     | 935     |       |
|             | JVP     | 0       | 165     | 165    | 165     |        | 165     |         | 165     |         | 165     | 165     |       |
| ABC=        | 1100    | TALFF   | 0       | 0      | 0       |        | 0       |         | 0       |         | 0       | 0       |       |
| OTAC=       | 1100    | "RES"   | 165     | -165   | 0       |        | 0       |         | 0       |         | 0       | 0       |       |
| SABLEFISH   | CTAC    | 2890    | 2927    |        | 2927    |        | 2927    |         | 2927    |         | 2927    | 2927    |       |
| (BERING)    | DAP     | 2890    | 2890    |        | 2890    |        | 2890    |         | 2890    |         | 2890    | 2890    |       |
|             | JVP     | 0       | 37      | 37     | 37      |        | 37      |         | 37      |         | 37      | 37      |       |
| ABC=        | 3400    | TALFF   | 0       | 0      | 0       |        | 0       |         | 0       |         | 0       | 0       |       |
| OTAC=       | 3400    | "RES"   | 510     | -37    | 473     |        | 473     |         | 473     |         | 473     | 473     |       |
| SABLEFISH   | CTAC    | 4250    | 4297    |        | 4297    |        | 4297    |         | 4297    |         | 4297    | 4297    |       |
| (ALEUTIANS) | DAP     | 4250    | 4250    |        | 4250    |        | 4250    |         | 4250    |         | 4250    | 4250    |       |
|             | JVP     | 0       | 47      | 47     | 47      |        | 47      |         | 47      |         | 47      | 47      |       |
| ABC=        | 5800    | TALFF   | 0       | 0      | 0       |        | 0       |         | 0       |         | 0       | 0       |       |
| OTAC=       | 5000    | "RES"   | 750     | -47    | 703     |        | 703     |         | 703     |         | 703     | 703     |       |
| ATKA        | CTAC    | 17850   | 17850   |        | 17850   |        | 17850   |         | 17850   |         | 17850   | 17850   |       |
| MACKERAL    | DAP     | 80      | 80      |        | 80      |        | 80      |         | 80      |         | 80      | 80      |       |
|             | JVP     | 17770   | 17770   |        | 17770   |        | 17770   |         | 17770   |         | 17770   | 17770   |       |
| ABC=        | 21000   | TALFF   | 0       | 0      | 0       |        | 0       |         | 0       |         | 0       | 0       |       |
| OTAC=       | 21000   | "RES"   | 3150    |        | 3150    |        | 3150    |         | 3150    |         | 3150    | 3150    |       |
| SQUID       | CTAC    | 850     | 875     |        | 875     |        | 875     |         | 875     |         | 875     | 875     |       |
|             | DAP     | 850     | 850     |        | 850     |        | 850     |         | 850     |         | 850     | 850     |       |
|             | JVP     | 0       | 25      | 25     | 25      |        | 25      |         | 25      |         | 25      | 25      |       |
| ABC=        | 10000   | TALFF   | 0       | 0      | 0       |        | 0       |         | 0       |         | 0       | 0       |       |
| OTAC=       | 1000    | "RES"   | 150     | -25    | 125     |        | 125     |         | 125     |         | 125     | 125     |       |
| OTHER       | CTAC    | 8500    | 8500    |        | 8500    |        | 13500   |         | 13500   |         | 13500   | 13500   |       |
| SPECIES     | DAP     | 2000    | 2000    |        | 2000    |        | 2000    |         | 2000    |         | 2000    | 2000    |       |
|             | JVP     | 6500    | 6500    |        | 6500    | 5000   | 11500   |         | 11500   |         | 11500   | 11500   |       |
| ABC=        | 54000   | TALFF   | 0       | 0      | 0       |        | 0       |         | 0       |         | 0       | 0       |       |
| OTAC=       | 10000   | "RES"   | 1500    |        | 1500    | -5000  | -3500   |         | -3500   |         | -3500   | -3500   |       |
| TOTAL       | CTAC    | 1700000 | 1700804 |        | 1724804 |        | 1859834 |         | 1965834 |         | 1972604 | 1972604 |       |
|             | DAP     | 792520  | 0       | 792520 | 0       | 792520 | 0       | 792520  | 10000   | 802520  | 0       | 802520  |       |
|             | JVP     | 907480  | 804     | 908284 | 24000   | 932284 | 135030  | 1067314 | 96000   | 1163314 | 6770    | 1170084 |       |
|             | TALFF   | 0       | 0       | 0      | 0       | 0      | 0       | 0       | 0       | 0       | 0       | 0       |       |
| TAC=        | 2000000 | RESERVE | 300000  | -804   | 299196  | -24000 | 275196  | -135030 | 140166  | -106000 | 34166   | -6770   | 27396 |

ABC= ACCEPTABLE BIOLOGICAL CATCH, NOVEMBER 1987 RAD DOCUMENT  
 TAC = TOTAL ALLOWABLE CATCH (ANNUAL)  
 OTAC = ORIGINAL TAC (CTAC + RESERVES)  
 CTAC = CURRENT TAC (DAP+JVP+TALFF)  
 DAP = DOMESTICALLY CAUGHT AND PROCESSED  
 JVP = "JOINT VENTURE" (DOMESTICALLY CAUGHT, FOREIGN PROCESSED)  
 TALFF = TOTAL ALLOWABLE LEVEL OF FOREIGN FISHING  
 "RES" = DIFFERENCE BETWEEN SPECIES CTAC AND OTAC  
 RESERVE = UNAPPORTIONED AMOUNT, INITIALLY 15% OF TAC

National Marine Fisheries Service  
 Fish Management  
 June 15, 1988

Estimated 1988 DAP Catch of C. BAIRDI from Zone 1

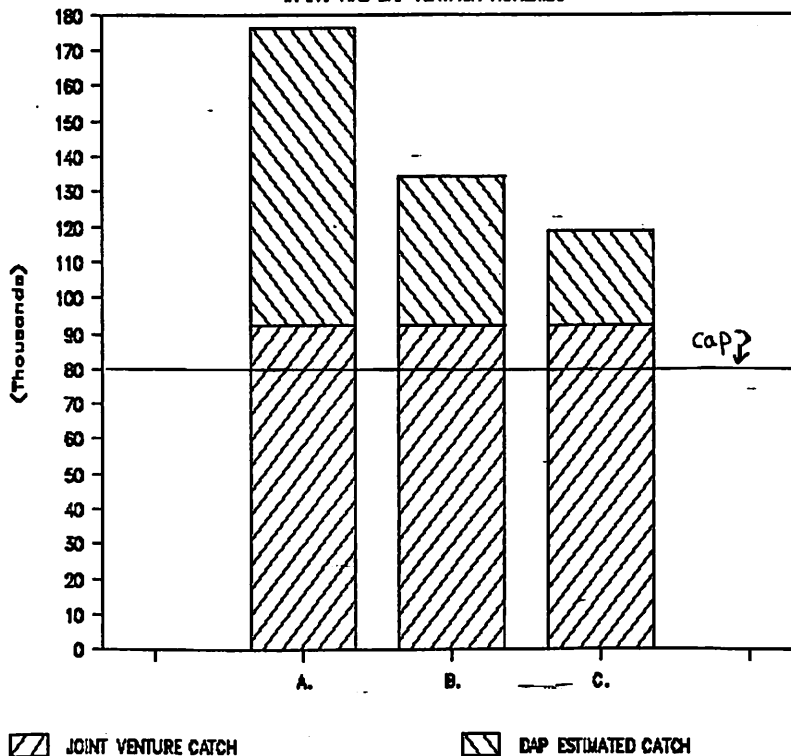
Estimates of DAP catches of C. bairdi Tanner crab are based on the portion of the DAP groundfish harvest in the Bering Sea where flatfish comprised 20 percent or more of the harvest. Harvest data are in the NMFS catcher/processor data base and include information from 11 trawlers and six companies. The groundfish catch totalled 20,076 mt of which 15,864 mt was flatfish. All of this catch is assumed to be from Zone 1.

The DAP catch of C. bairdi in Zone 1 is estimated using the following three catch rates (crab/mt groundfish):

- A. 4.2 (1988 JVP rock sole fishery) = 84,319
- B. 2.1 (observed in 1987 DAP rock sole fishery) = 42,160
- C. 1.3 (1988 Zone 1 JVP flatfish fisheries) = 26,099

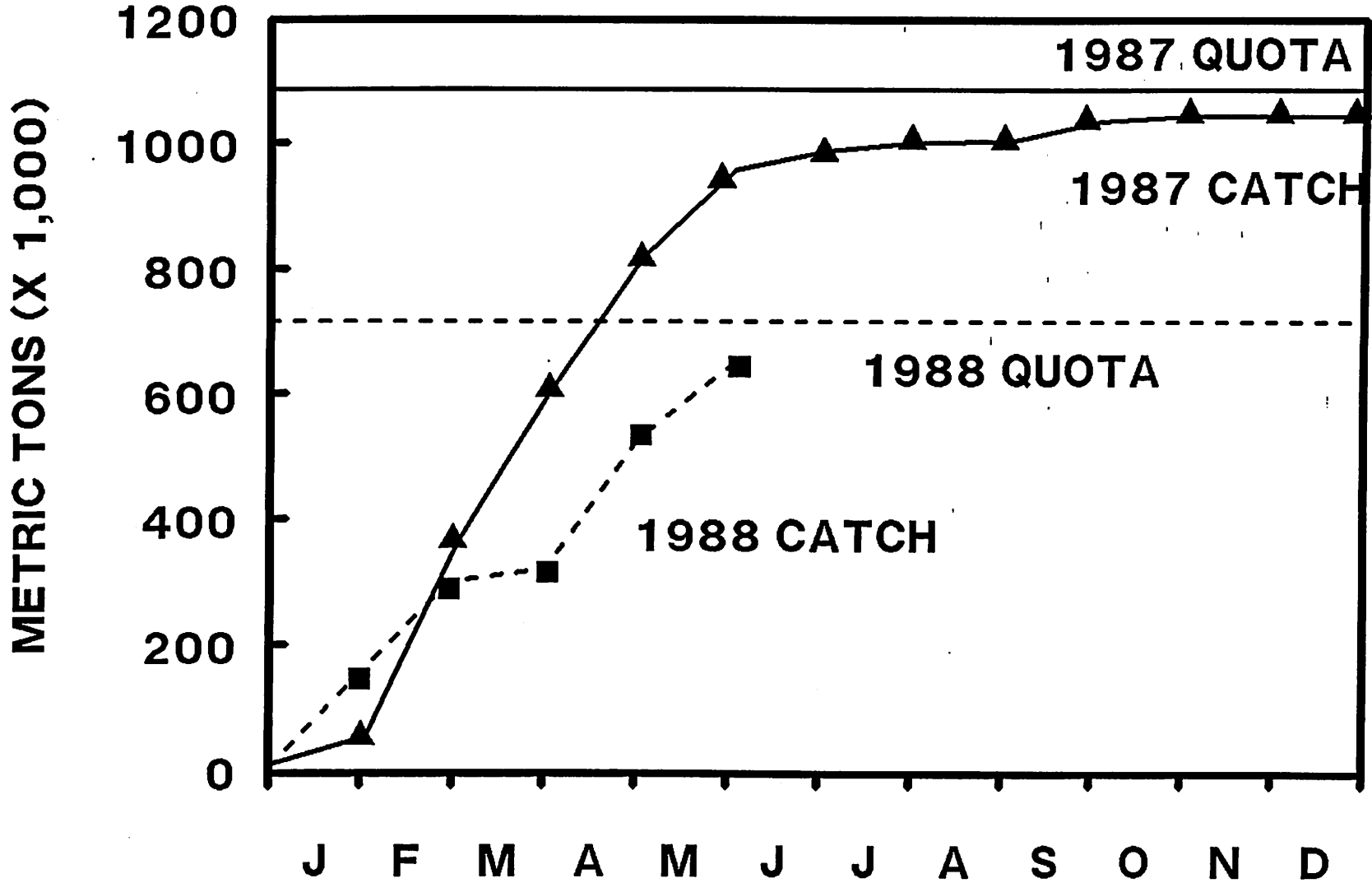
1988 CATCH OF C. BAIRDI, ZONE 1

IN JVP AND DAP FLATFISH FISHERIES



# JVP CATCH

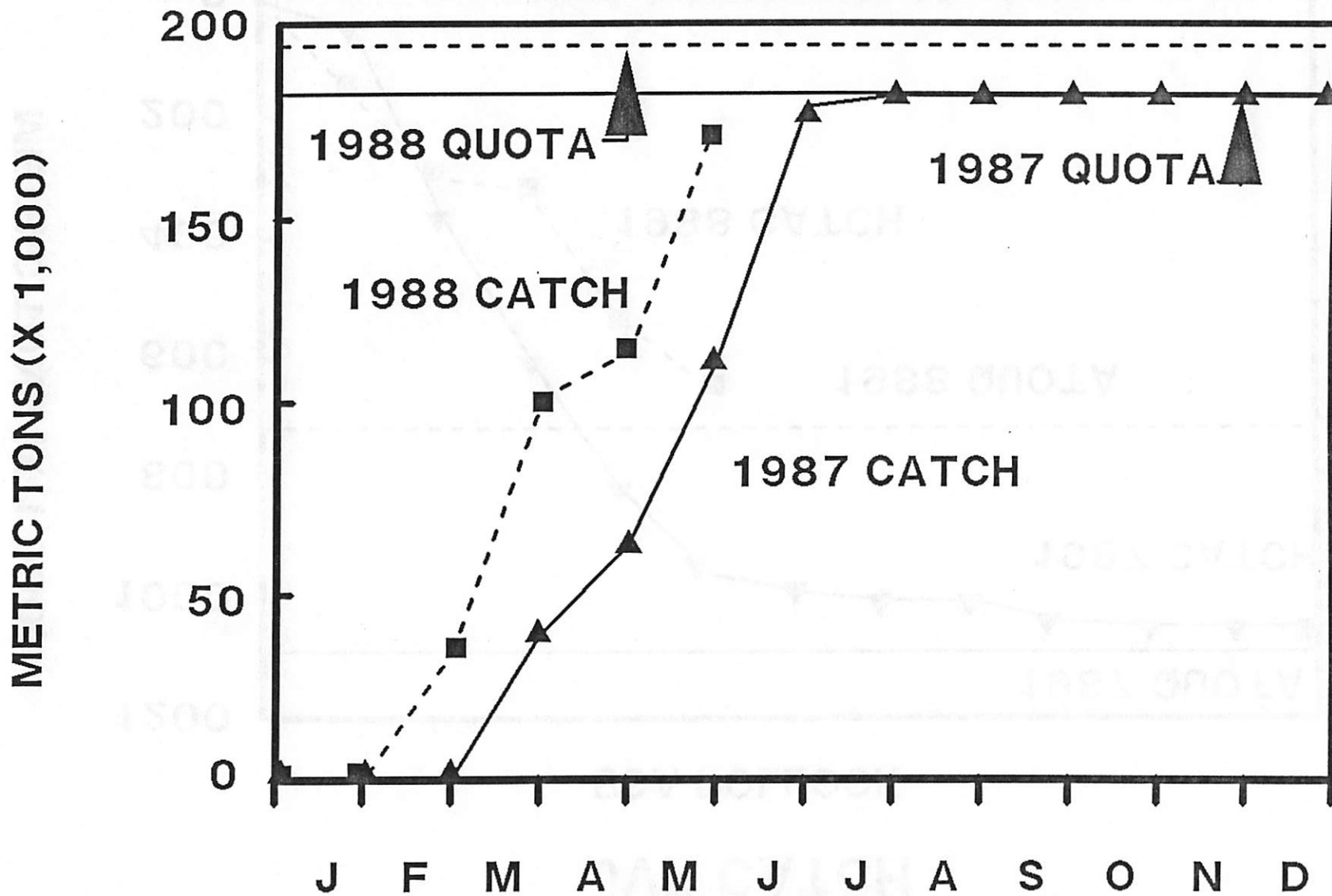
## BSA POLLOCK





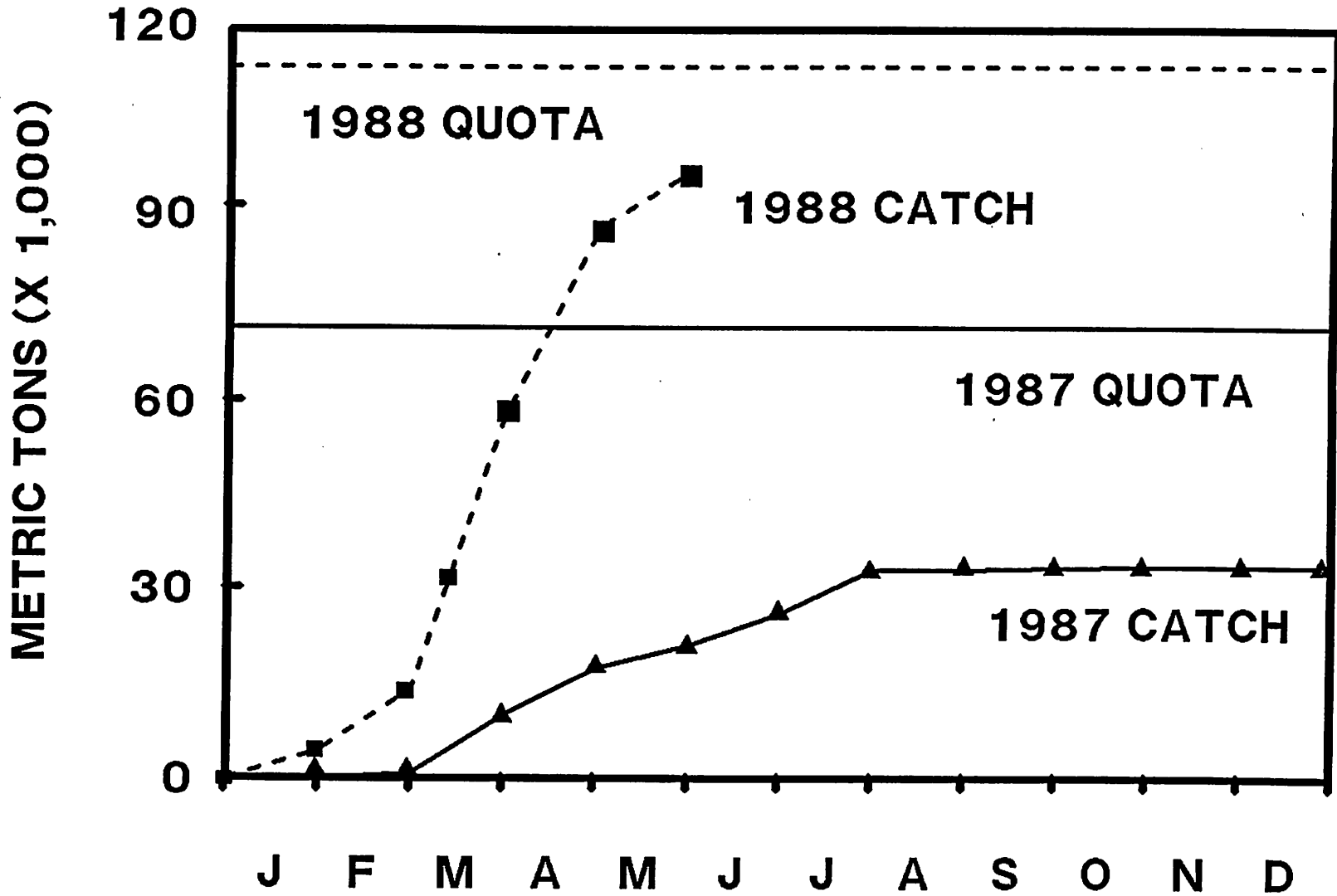
# JVP CATCH

## BSA YELLOWFIN SOLE



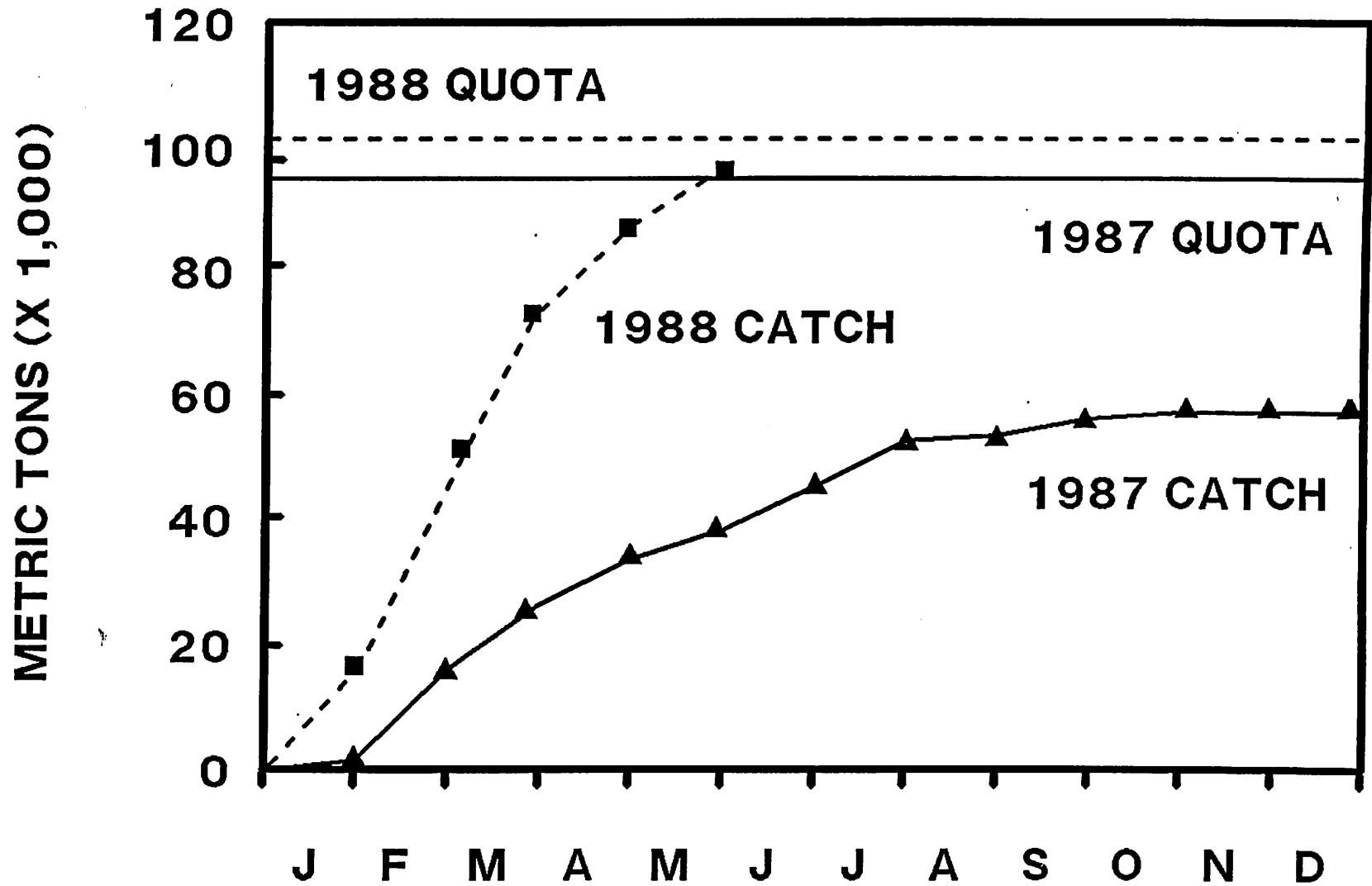
# JVP CATCH

BSA "OTHER FLATFISH"



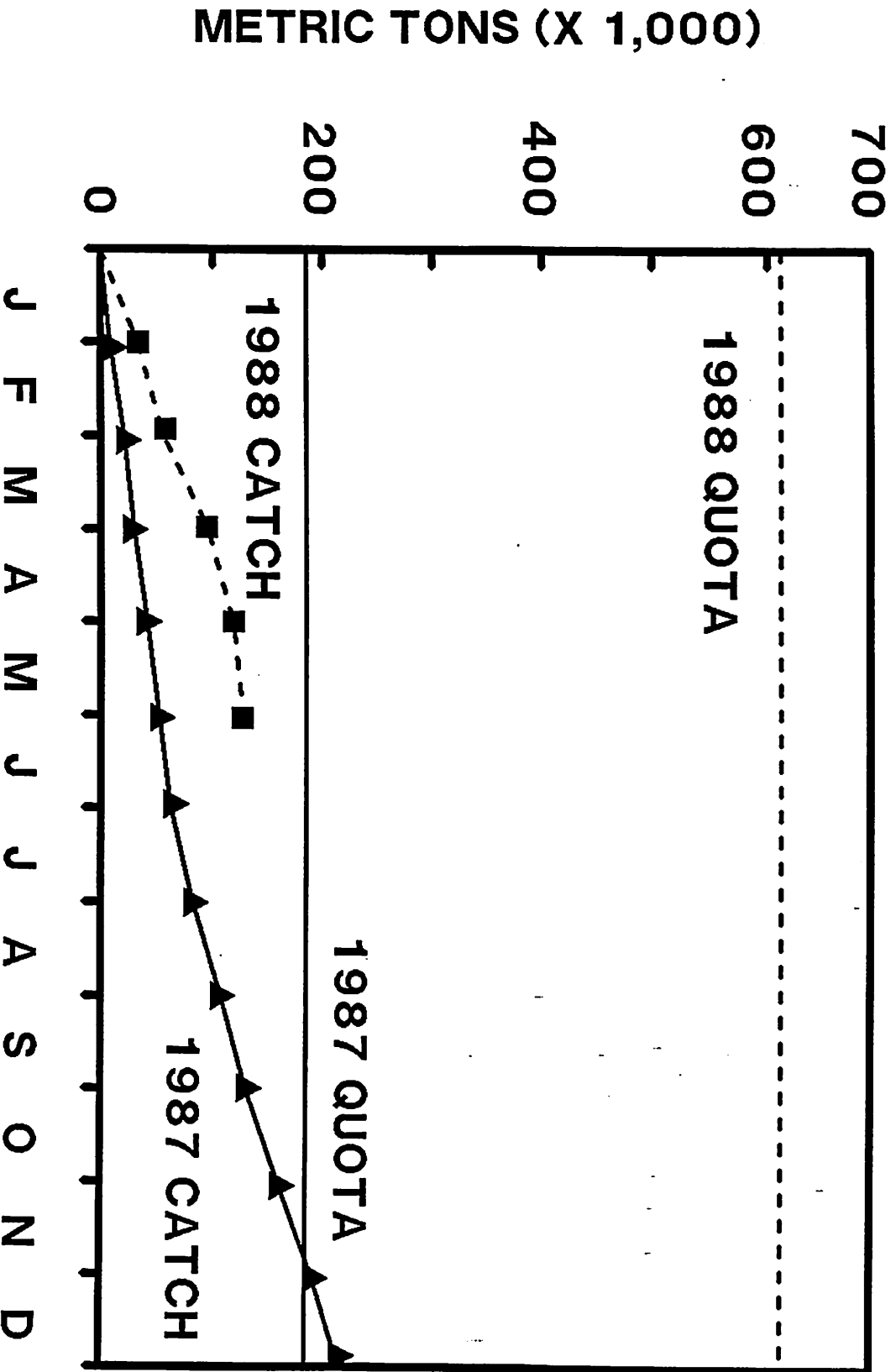
# JVP CATCH

## BSA PACIFIC COD



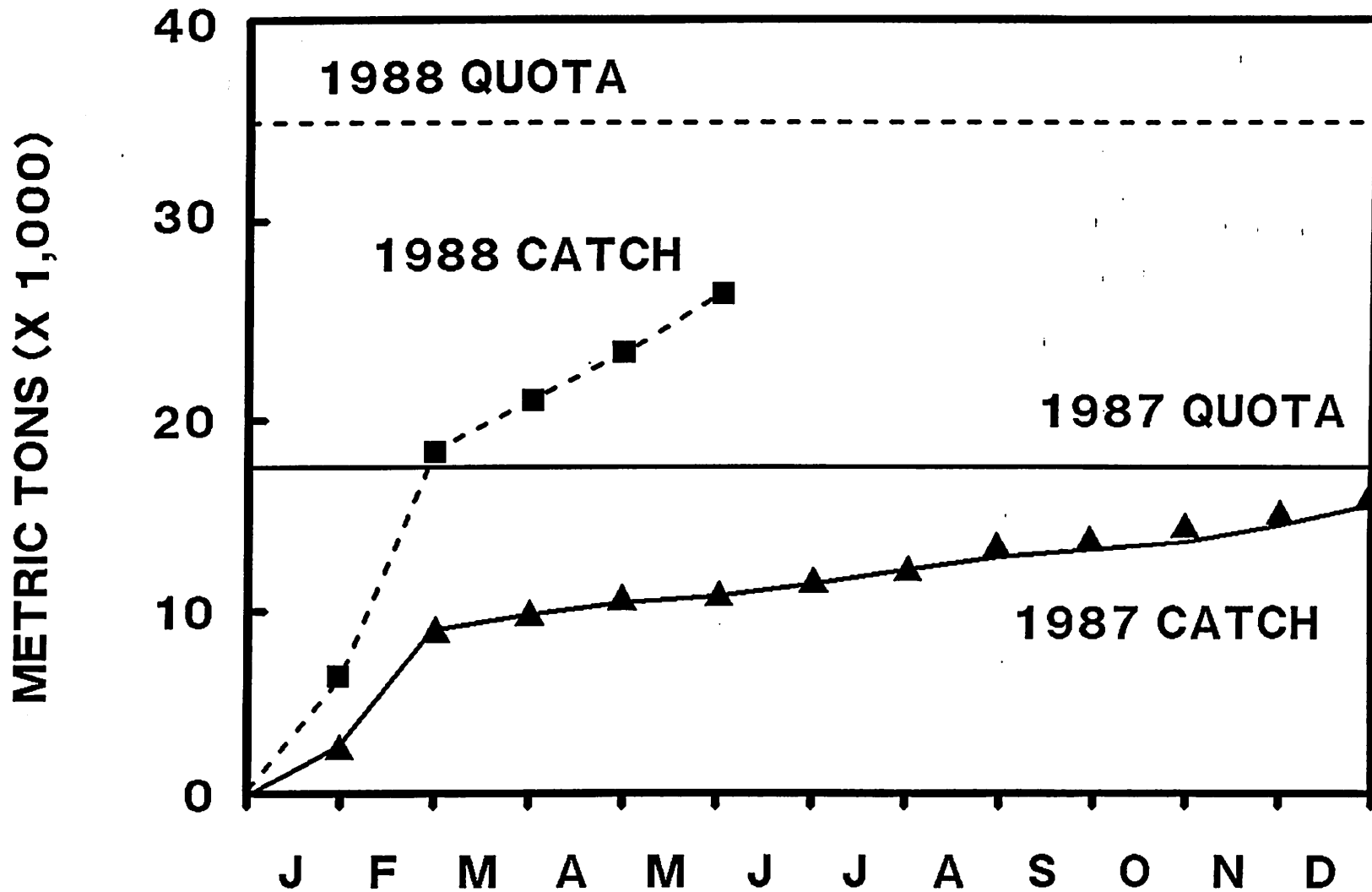
# DAP CATCH

## BSA POLLOCK



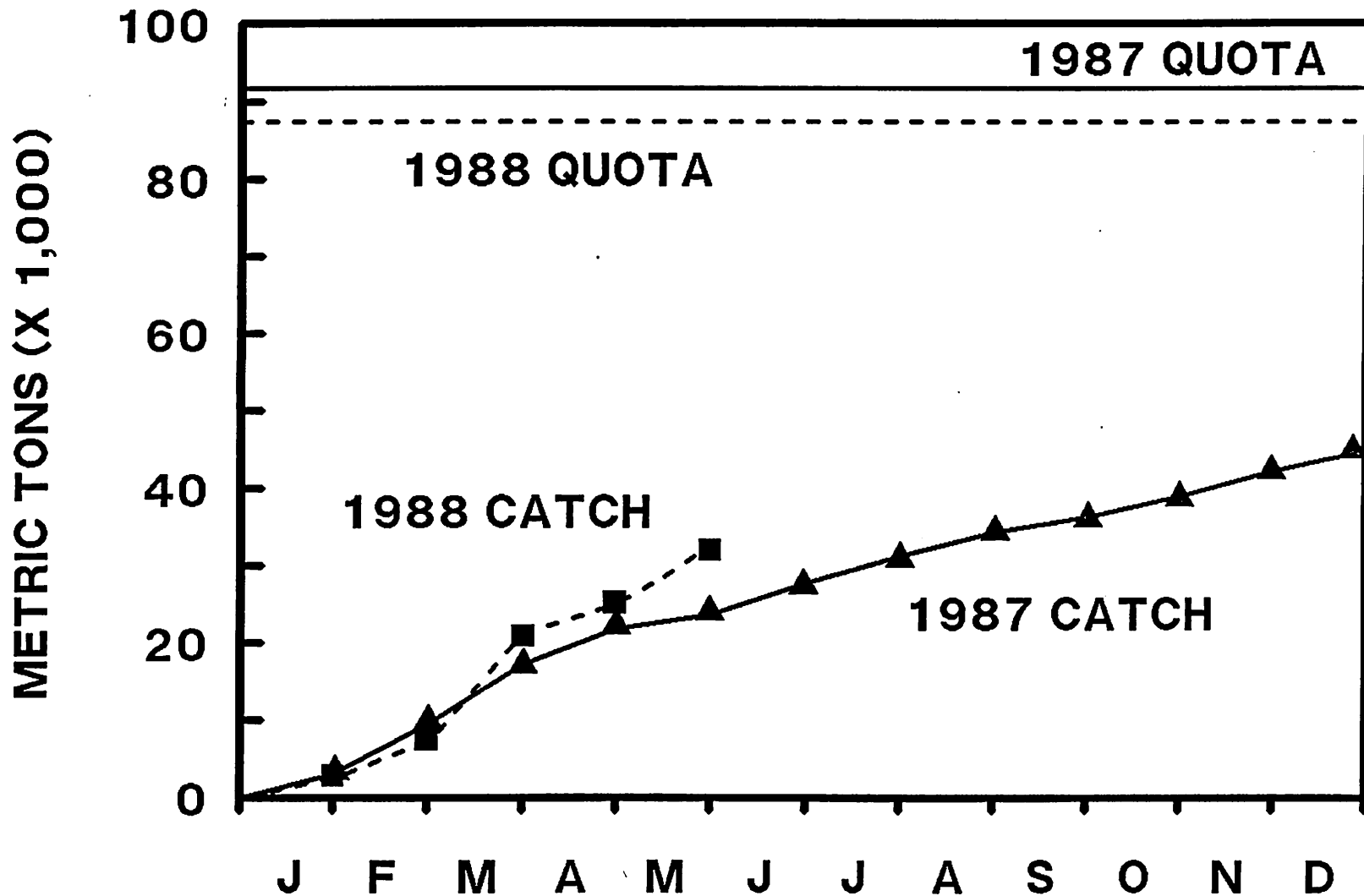
# DAP CATCH

BSA "OTHER FLATFISH"



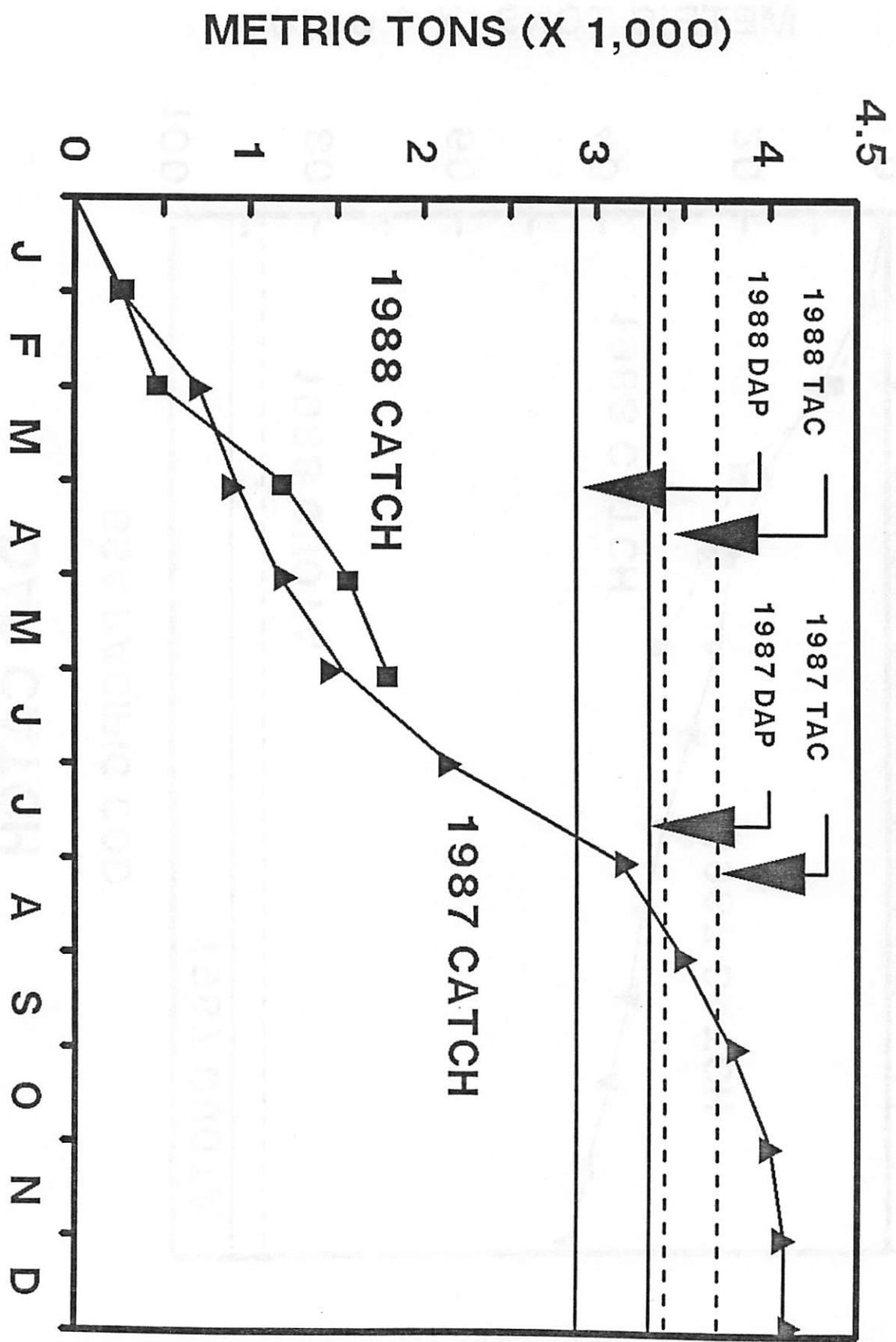
# DAP CATCH

## BSA PACIFIC COD



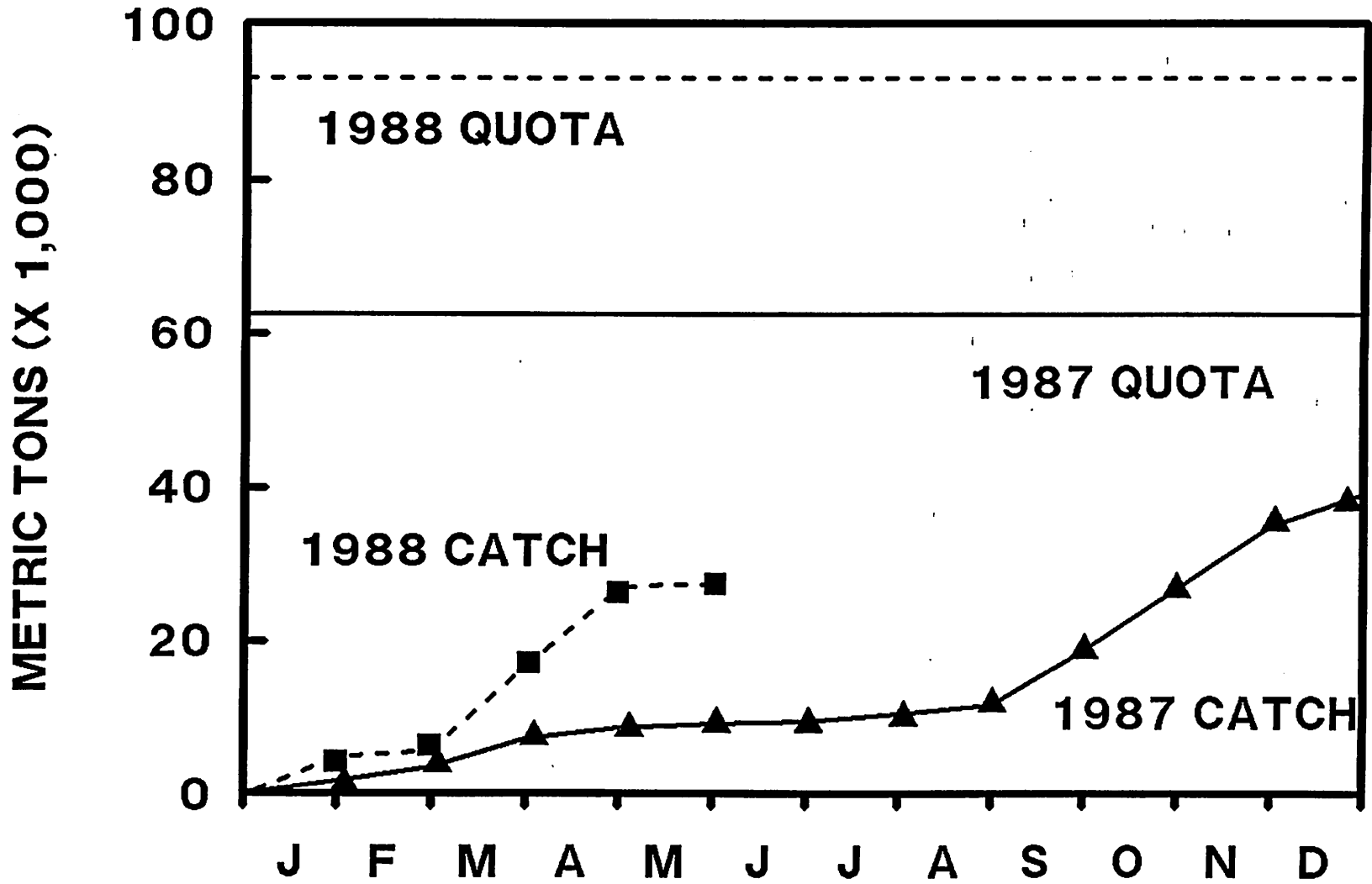
# DAP CATCH

## BERING SEA SABLEFISH



# DAP CATCH

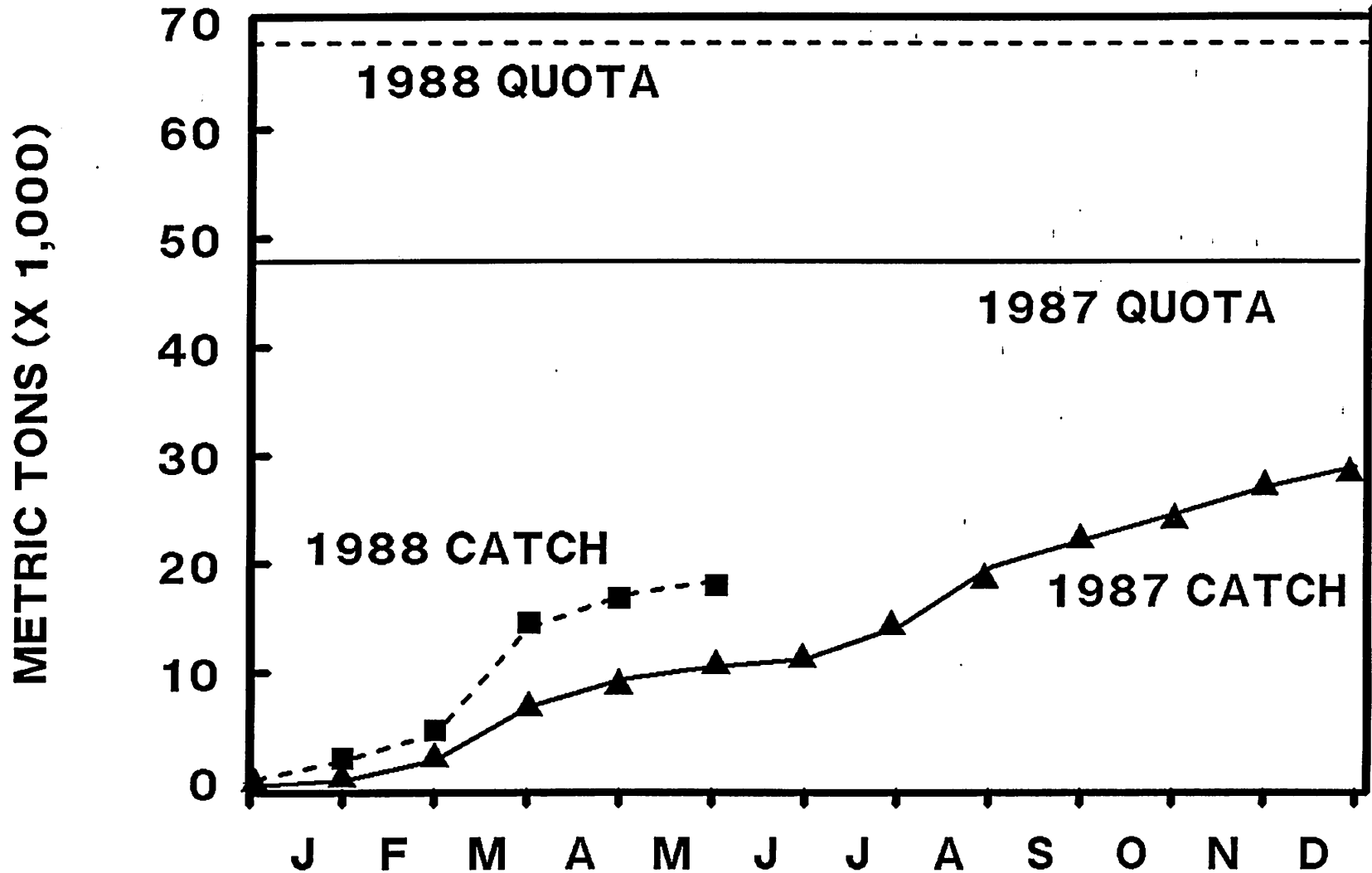
## GOA POLLOCK





# DAP CATCH

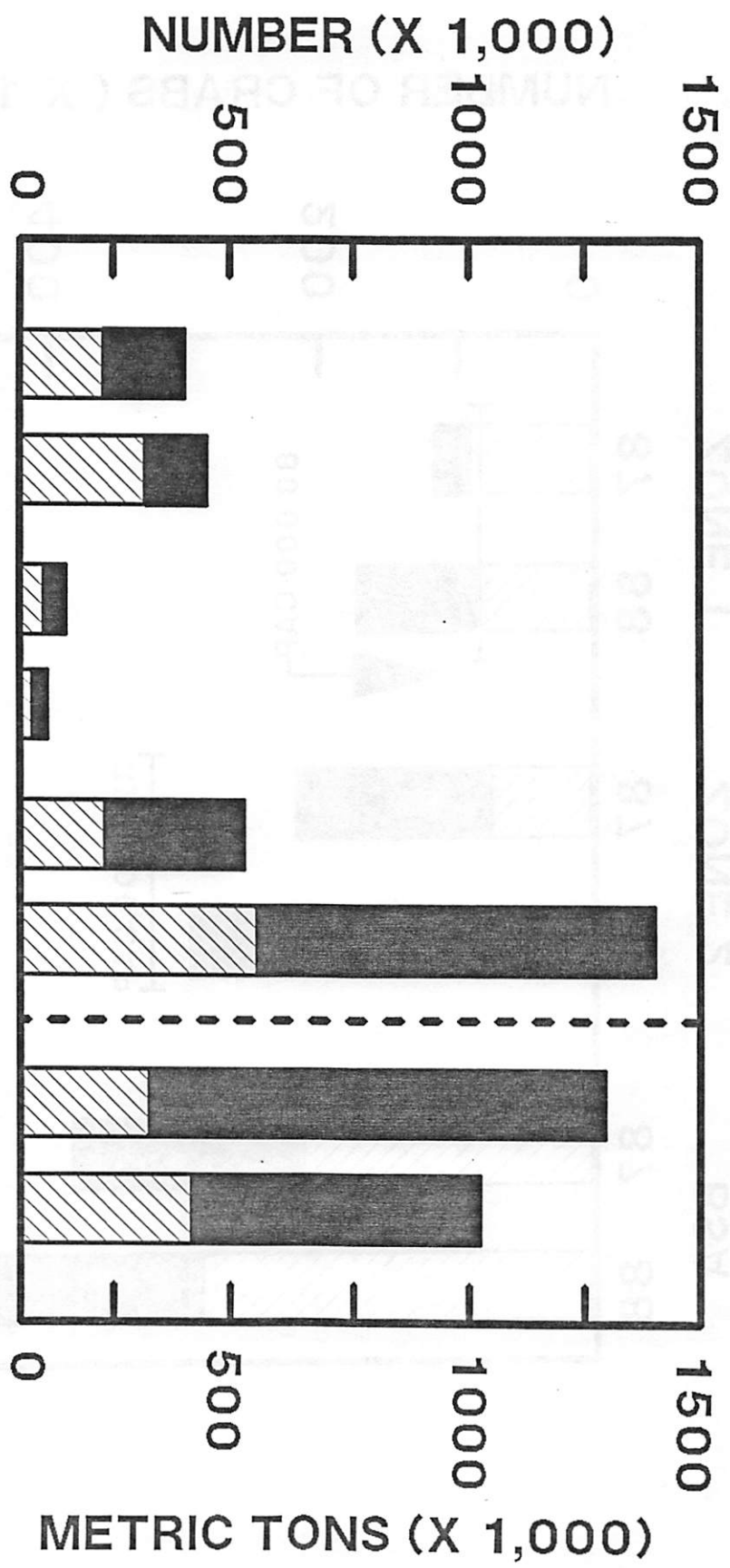
## GOA PACIFIC COD



# PROHIBITED SPECIES CATCHES IN BSA JV FISHERIES

1987 - ENTIRE YEAR

1988 - THROUGH MAY 28



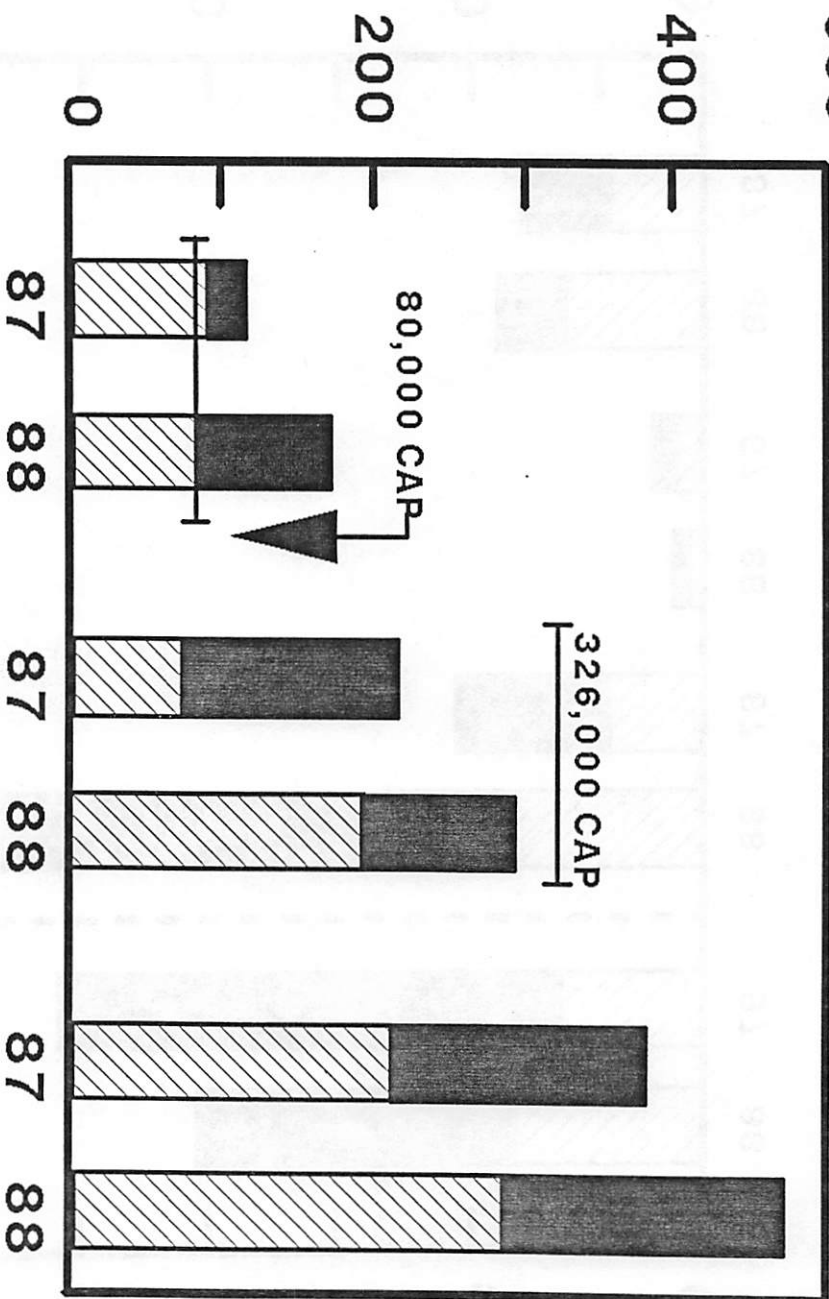
C. BAIRDI RED KING HALIBUT GROUNDFISH

OTHER TARGET FISHERIES: PACIFIC COD, POLLOCK  
 YELLOWFIN SOLE/FLATFISH FISHERIES

# BAIRDI TANNER CRAB CATCHES IN BSA JV FISHERIES

1987 - ENTIRE YEAR  
1988 - THROUGH MAY 28

NUMBER OF CRABS ( X 1,000)



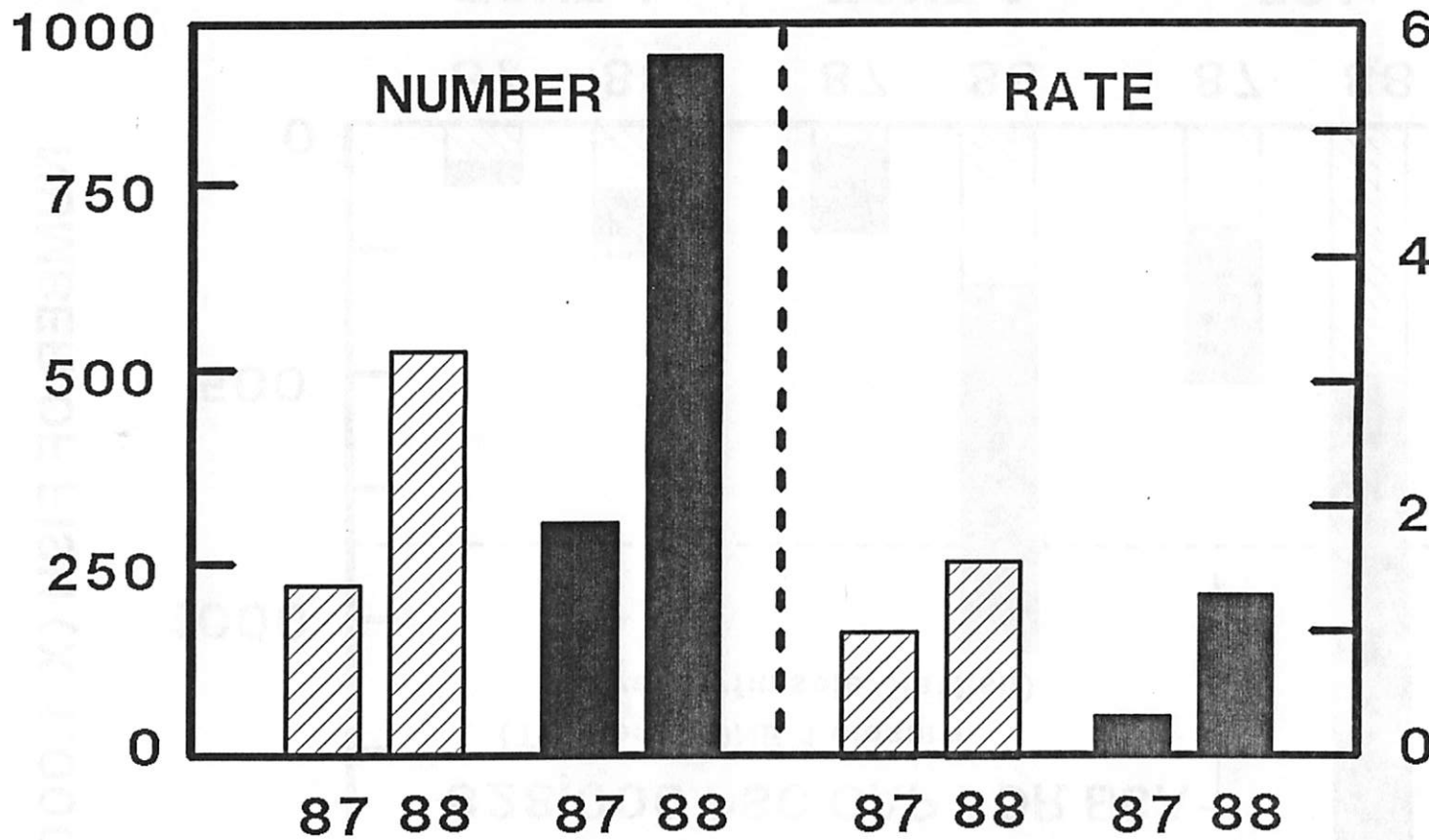
 Other Target Fisheries  
 Yellowfin Sole/Flatfish Fisheries (caps apply only to these)

# HALIBUT CATCH IN BSA JV FISHERIES

1987 - ENTIRE YEAR

1988 - THROUGH MAY 28

NO. OF HALIBUT (X 1,000)



CATCH RATE (HAL/MT GRNDFISH)

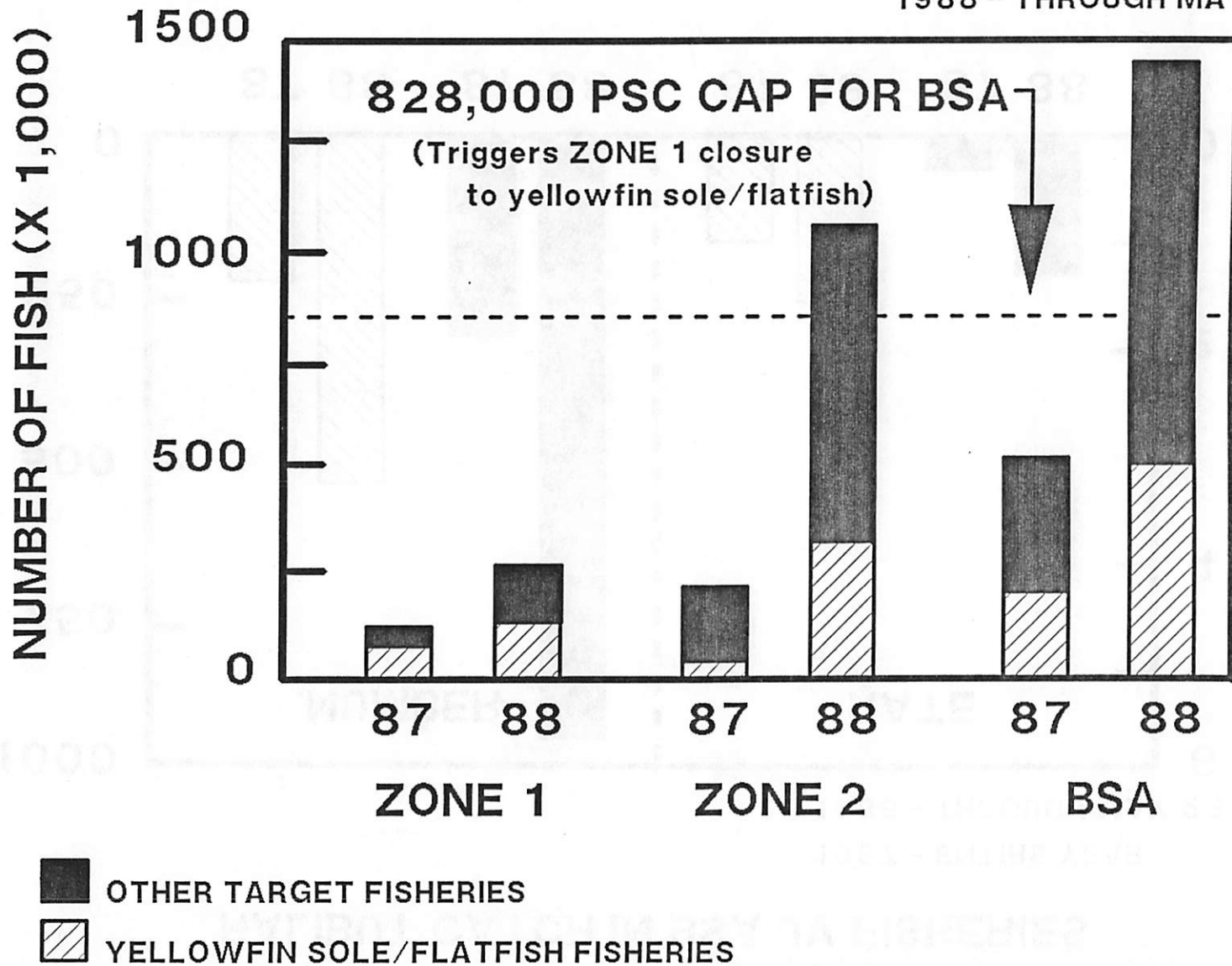
■ OTHER TARGET FISHERIES: PACIFIC COD, POLLOCK

▨ YELLOWFIN SOLE/FLATFISH FISHERIES

# PACIFIC HALIBUT CATCHES IN BSA JV FISHERIES

1987 - ENTIRE YEAR

1988 - THROUGH MAY 28



**SUMMARY OF FOREIGN FISHING VESSEL  
TRANSSHIPMENT DATA**

**JANUARY 1, 1988 THROUGH MARCH 31, 1988**

**Office of Enforcement  
National Marine Fisheries Service  
Alaska Region**

**Juneau, Alaska  
June 1988**

## INTRODUCTION

This report summarizes cargo transshipment effort reported by foreign fishing vessels operating within the U.S. EEZ off Alaska. The data contained in the report has been compiled from reports required by the MFCMA. The data covers the period from January 1, 1988, through March 31, 1988, during which a total of 1,284 foreign transshipments were reported. Since April 1988, the Office of Enforcement, Juneau, Alaska, has been compiling foreign transshipment reports in a computerized data base. Only calendar year 1988 reports have been entered into the data base. A data transcriber was hired in March to work full time for the summer and part time for winter months to enter the data. It is expected that all 1988 data will be current by the end of July with future incoming reports entered into the data base on a daily basis. Data entry is edited on a daily and monthly basis to ensure integrity of the data base and correct or eliminate data abnormalities.

This data base does not include transshipment data from the U.S. catcher/processor fleet. Off-loading reports from that segment of industry will be compiled in a separate data base when a specialized program has been finalized. The domestic transshipment data base is expected to be on line by the fall of 1988. Further, this data base generally does not include cargo data on products loaded onto foreign carriers within the confines of U.S. Customs waters.

## DESCRIPTION OF REQUIRED REPORTS

Foreign fishing vessels operating within the U.S. EEZ are required to submit a variety of reports concerning cargo transshipments and cargo on board. Prior to April 25, 1988, only vessels transshipping fish products originating within the U.S. EEZ were required to make these reports. Vessels entering the U.S. EEZ for the purpose of transshipping fish caught outside of the U.S. EEZ were not required to report, however the overwhelming majority of these vessels did report as a matter of routine. Changes in regulatory requirements as of April 25, 1988, now make it mandatory for any vessel conducting support activities within the U.S. EEZ to have a permit and submit all reports required by the MFCMA.

Reports required are as follows:

BEGIN PRODUCT ON BOARD - All foreign vessels operating within the U.S. EEZ are required to submit a BEGIN message 24 hours prior to commencing activities. In conjunction with the BEGIN message, vessels must report all PRODUCT ON BOARD the vessel at the time, including ships stores. The message must specify the species type, product code and metric tonnage.

Products identified for crew consumption have not been entered into the data base and, as a matter of routine, rarely exceed .1 metric ton per species. Products on board originate from a number of sources and the source is only occasionally identified in the message. Sources noted include, the donut hole, Soviet EEZ, WOC fishery, and occasionally, U.S. ports. BEGIN reports may also include products originating from the Alaska EEZ.

Product from U.S. ports is generally reported by transport vessels only and is rarely reflected in the "total transfer" data contained within this report. Products from U.S. ports enters the data base when a foreign carrier picks up U.S. product in port then submits a BEGIN message to conduct support activities with other foreign vessels within the EEZ. Products originating in the Alaska EEZ enter the BEGIN PRODUCT ON BOARD data base when a fishing vessel that has been fishing in the EEZ, departs to international waters and then returns to the EEZ with the original U.S. fish on board.

Some double counting of BEGIN PRODUCT ON BOARD does occur. This happens when a vessel enters the EEZ with product on board (submitting PRODUCT ON BOARD message), departs to work outside the EEZ and then returns to the EEZ with the same product on board (submitting a second PRODUCT ON BOARD message). There is no way under the current message structure to determine the amount of double counting or to determine the exact origin BEGIN PRODUCT ON BOARD.

TRANSFER - Each foreign vessel that will receive fish products from another foreign fishing vessel must transmit a TRANSFER message prior to commencing support activities. This message must indicate when, where and with whom support activities are to be conducted. This message does not contain product information and is used only to facilitate monitoring of at sea transfers if deemed necessary. These messages are not entered in the data base as they contain no product data or other data that cannot be determined through other data sources.

OFFLOADED TO - Each vessel that off-loads cargo to another vessel in the EEZ must submit an OFFLOADED TO message. This message must contain the name and identifiers of the other vessel, date, time, location, and metric tonnage of each species and product type. The message is required regardless of product source and does not specify product origin. All product with the exception of fish oil and meal are identified by allocated species or species groups. Meal and oil are generally produced from offal, undersize and underutilized species. There is no practical after-the-fact method of determining the species composition of meal and oil. Foreign fishing regulations do not require species identification of meal and oil products reported in transfer data messages. It is presumed that catch composition



of meal and oil is generally equivalent to the composition of the retained frozen fish.

RECEIVED FROM - Each vessel that receives cargo from another vessel in the EEZ must submit a RECEIVED FROM message. This message contains information identical to the OFFLOADED TO message and is used as a verification report for the OFFLOADED TO data base. If the two data bases do not match, the error is identified and corrected.

#### DATA LIMITATIONS

The data base does not and cannot make any adjustments for BEGIN PRODUCT ON BOARD messages that may have been inadvertently omitted from the data base. It is presumed however that omission of such messages is less than 5 percent of the data base. The data base also cannot make any adjustments for product on board vessels at the beginning of the new year. Such product is apparent in the data base as in the example of the Atka Mackerel reported by Korea (table KS-1) and the fact that Poland reported transferring more Pacific Hake (table PL-1) than was reported as being on board vessels entering Alaskan waters (table PL-5). It is presumed that these products were on board at the beginning of the year. Further the data base cannot make adequate adjustment for products originating in U.S. ports

It is the position of the Office of Enforcement that verification of reported catch can only be accomplished by auditing the complete record of individual vessels. Summary cargo transshipment data cannot be used to adequately verify MFCMA catch statistics and attempts to do so may lead to erroneous and misleading conclusions.

#### SUMMARY BY NATION

The following tables summarize transshipment data by nation (SUM-1) and species (SUM-2). A nation by nation summary follows:

TABLE: SUM-1

ALL NATIONS - SUMMARY OF 1988 1ST QUARTER TRANSFER DATA  
(by nation/metric tonnage)

| NATION | TOTAL 1/<br>TRANSFERS | SUBTOTAL 2/<br>TRANSPORT-<br>TRANSPORT | TOTAL 3/<br>BEGIN<br>ON BOARD | SUBTOTAL 4/<br>ON BOARD<br>TRANSPORTS | SUBTOTAL 5/<br>ON BOARD<br>FFV |
|--------|-----------------------|--|-------------------------------|---------------------------------------|--------------------------------|
| JAPAN  | 70,488                | 0                                      | 21,549                        | 15,878                                | 5,679                          |
| KOREA  | 102,134               | 0                                      | 24,289                        | 21,600                                | 2,688                          |
| USSR   | 34,021                | 0                                      | 13,677                        | 9,670                                 | 4,007                          |
| POLAND | 43,431                | 17,906                                 | 21,919                        | 0                                     | 21,919                         |
| CHINA  | 6,908                 | 0                                      | 1,769                         | 0                                     | 1,769                          |
| TOTAL  | 256,982               | 17,906                                 | 83,203                        | 47,148                                | 36,062                         |

1/ Includes all transfers regardless of origin of fish products. Sources include U.S. EEZ, Soviet EEZ, donut hole, and WOC. Generally does not include U.S. catcher/processor cargo or domestic cargo from U.S. ports. Figure does not include cargo that was transferred within the donut hole and transported directly to a foreign port. Donut hole transshipments as such are not contained in U.S. government data base.

2/ Subtotal of transfers from one transport vessel to another. This quantity generally presumed to be a double count of cargo (i.e., counted once when transferred from the fishing vessel to the cargo vessel, counted a second time when transferred from the cargo vessel to a second cargo vessel). In most Polish transfers from transport to transport, the receiving transport was a U.S. flag vessel and it is presumed that the majority of this fish was destined for U.S. market or passage through U.S. ports.

3/ Total of all BEGIN PRODUCT ON BOARD. Sources include U.S. EEZ, Soviet EEZ, donut hole, WOC, and in some circumstances domestic catch from U.S. ports. Vast majority presumed to be donut hole reported catch.

4/ Subtotal of BEGIN PRODUCT ON BOARD reported by transport vessels. Majority presumed to be donut hole reported catch.

5/ Subtotal of BEGIN PRODUCT ON BOARD reported by fishing vessels other than transports. All presumed to be either donut hole reported catch or Soviet EEZ. The closest approximation of legal product originating from within the U.S. EEZ would be determined by the equation of:  $1/ - 2/ - 5/ = \text{U.S. EEZ Origin}$

TABLE: SUM-2

ALL NATIONS - SUMMARY OF 1988 1ST QUARTER TRANSFER DATA  
(total transferred by nation/species/metric tonnage)

| SPECIES                | JAPAN  | USSR   | KOREA  | POLAND | CHINA | TOTAL   |
|------------------------|--------|--------|--------|--------|-------|---------|
| POLLOCK                | 34,647 | 2,807  | 57,523 | 29,836 | 3,108 | 127,921 |
| PACIFIC<br>COD         | 2,163  | 21,915 | 8,514  | 3      | 25    | 32,620  |
| PACIFIC<br>HAKE        | 0      | 0      | 0      | 1,709  | 0     | 1,709   |
| FLOUNDR                | 6,742  | 1,625  | 2,972  | 0      | 160   | 11,499  |
| TURBOTS                | 1      | 0      | 0      | 0      | 0     | 1       |
| YELLOW-<br>FIN<br>ATKA | 15,420 | 2,356  | 28,266 | 0      | 2,743 | 48,785  |
| MACKRL                 | 0      | 0      | 258    | 0      | 0     | 258     |
| POP                    | 0      | 0      | 0      | 1      | 0     | 1       |
| OTHER<br>SPEC.         | 2      | 0      | 39     | 0      | 0     | 41      |
| UNID.6/<br>SPEC.       | 11,513 | 5,318  | 4,562  | 11,882 | 872   | 34,147  |

6/ Fish meal and oil are not identified by species but are normally derived from undersize or offal from target species or from underutilized species. Species composition of unidentified species is generally presumed to be equivalent to the species composition to the retained frozen fish.

JAPAN - Japanese vessels reported off-loading 70,488 metric tons of product within the EEZ. All off-loadings were to Japanese flag transports. Excluding product reported on board fishing vessels entering the EEZ this would equate to 64,809 MT of product originating within the EEZ. An unknown portion of this amount would have been carried over from 1988, therefore absolute comparison to 1988 catch data cannot be made. Disregarding unidentified species (presumed to be comprised of primarily pollock and yellowfin sole), 59 percent of all transshipment tonnage was pollock products with the majority of the remainder being sole and flounder products. Transshipped

species composition is consistent with the JV pollock and yellowfin sole fisheries that occurred within the EEZ and the directed pollock fishery in the donut hole. Pollock surimi comprised the largest portion (42 percent) of the cargo transshipped followed by flounder and yellowfin sole steaks (18 percent) and fish meal (15 percent). Detailed summary of Japanese transshipment data by species and product type are listed in tables JA-1 through JA-5.

KOREA - Korean vessels reported off-loading 102,134 MT of product within the EEZ. Although the total amount of product exceeds that reported by Japan, 71 percent of the Korean product was transshipped in the round as opposed to only 4 percent round product by Japan, thus total Japanese round weight would likely exceed the total Korean round weight. Korean vessels off-loaded to Japanese flag transports as well as Korean transports. Excluding product reported on board fishing vessels entering the EEZ this would equate to 99,446 MT of product originating within the EEZ. An unknown portion of this amount would have been carried over from 1988, therefore absolute comparison to 1988 catch data cannot be made. Disregarding unidentified species (presumed to be comprised of primarily pollock and yellowfin sole), 59 percent of all transshipment tonnage was pollock products with the majority of the remainder being sole and flounder products. Transshipped species composition is consistent with the JV pollock and yellowfin sole fisheries that occurred within the EEZ and the directed pollock fishery in the donut hole. Whole pollock comprised the largest portion (34 percent) of the cargo transshipped followed by whole flounder and yellowfin sole (30 percent) and whole Pacific cod (6 percent). Detailed summary of Korean transshipment data by species and product type are listed in tables KS-1 through KS-5.

USSR - Soviet vessels reported off-loading 34,021 MT of product within the EEZ. All off-loadings were to Soviet flag transports only. Excluding product reported on board fishing vessels entering the EEZ this would equate to 30,014 MT of product originating within the EEZ. An unknown portion of this amount would have been carried over from 1988, therefore absolute comparison to 1988 catch data cannot be made. Disregarding unidentified species (presumed to be comprised of primarily Pacific cod), 76 percent of all transshipment tonnage was Pacific cod products with the majority of the remainder being sole and flounder products. Transshipped species composition is consistent with the JV Pacific cod and yellowfin sole fisheries that occurred within the EEZ. Data would further indicate a fairly large Pacific cod fishery believed to be occurring in the Soviet EEZ. Headed and gutted Pacific cod comprised the largest portion (53 percent) of the cargo transshipped followed by headed and gutted flounder and yellowfin sole (7 percent) and Pacific cod roe (6 percent). Detailed summary of Soviet transshipment

data by species and product type are listed in tables UR-1 through UR-5.

POLAND - Polish vessels reported off-loading 43,431 MT of product within the EEZ. Off-loadings where to Polish flag transports and in a number of instances to U.S. flag transports. 17,906 MT or 41 percent of the total transfers were transport to transport with U.S. flag carriers receiving the majority of the cargo. Much of this product is presumed to be destined for U.S. markets or transshipment through U.S. ports. Excluding transport to transport transfers and product reported on board fishing vessels entering the EEZ this would equate to 3,606 MT of product originating within the EEZ. An unknown portion of this amount would have been carried over from 1988, therefore absolute comparison to 1988 catch data cannot be made. Disregarding unidentified species (presumed to be comprised of primarily Pollock), 94 percent of all transshipment tonnage was pollock products with the majority of the remainder being Pacific hake. Transshipped species composition is consistent with the JV pollock fisheries that occurred within the EEZ and the directed pollock fishery in the donut hole. The Pacific hake originates from the WOC fishery. Pollock fillets comprised the largest portion (64 percent) of the cargo transshipped followed by fish meal (27 percent) and hake fillets (3 percent). Detailed summary of Polish transshipment data by species and product type are listed in tables PL-1 through PL-5.

CHINA - Chinese vessels reported off-loading 6,908 MT of product within the EEZ. Off-loadings where to either Japanese or U.S. flag transports with no Chinese flag carriers being utilized. Excluding product reported on board fishing vessels entering the EEZ this would equate to 5,136 MT of product originating within the EEZ. An unknown portion of this amount would have been carried over from 1988, therefore absolute comparison to 1988 catch data cannot be made. Disregarding unidentified species (presumed to be comprised of primarily pollock and yellowfin sole), 51 percent of all transshipment tonnage was pollock products with the majority of the remainder being yellowfin sole. Transshipped species composition is consistent with the JV pollock and yellowfin sole fisheries that occurred within the EEZ and the directed pollock fishery in the donut hole. whole yellowfin sole comprised the largest portion (27 percent) of the cargo transshipped followed by headed and gutted pollock (25 percent) and pollock fillets (16 percent). Detailed summary of Chinese transshipment data by species and product type are listed in tables CH-1 through CH-5.

TABLE: PRODUCT CODE LISTING

| PRODUCT<br>CODE | DESCRIPTION  |
|-----------------|--|
| BSO             | Squid or octopus, beak removed   |
| CN              | Canned meat  |
| F               | Filletts, with skin/two per fish   |
| FB              | Filletts, one-piece (butterfly) with skin                                    |
| FBN             | Filletts, one-piece (butterfly) without skin                                 |
| FN              | Filletts, without skin/two per fish  |
| FO              | Fish oil   |
| G               | Gutted only  |
| GG              | Gutted and gilled  |
| H               | Headed only  |
| HDS             | Heads, separate from remainder of fish                                       |
| HG              | Headed and gutted  |
| HGT             | Headed, gutted, and tails removed  |
| IO              | Intestinal organs separate from remainder of fish                            |
| M               | Fish meal  |
| MSO             | Squid or octopus mantles   |
| O               | Other product  |
| OS              | Otoshimi - frozen minced fish product (Japan)                                |
| P               | Pectoral collars separate from remainder of fish                             |
| R               | Roe separate from remainder of fish  |
| S               | Flounder steaks - diagonal cut from midsection of fish                       |
| ST              | Flounder pieces - punched or stamped from midsection of fish                 |
| SU              | Surimi - frozen minced fish product (Japan)                                  |
| SW              | Skate wings  |
| TS              | Tara Shiniku - frozen minced fish product (Japan)                            |
| TSO             | Squid or octopus tentacles   |
| TU              | Tucza - heads, guts, fins, tail, and portions of belly flap removed (Poland) |
| W               | Whole fish   |

TABLE: JA-1

JAPAN - TOTAL TRANSFERS  
 (by species/product/metric tonnage)

| Product /Species<br>Type / | Pollock | Pacific<br>Cod | Other<br>Flounder | Turbots | Yellowfin<br>Sole | Other<br>Species | Unidentified<br>Species | TOTAL  |
|----------------------------|---------|----------------|-------------------|---------|-------------------|------------------|-------------------------|--------|
| F                          | 1,329   | 553            | 0                 | 0       | 0                 | 0                | 252                     | 2,134  |
| FN                         | 107     | 0              | 0                 | 0       | 0                 | 0                | 0                       | 107    |
| FO                         | 0       | 0              | 0                 | 0       | 0                 | 0                | 455                     | 455    |
| G                          | 0       | 8              | 0                 | 0       | 0                 | 0                | 0                       | 8      |
| H                          | 0       | 0              | 647               | 0       | 94                | 0                | 0                       | 742    |
| HG                         | 135     | 1,488          | 4,491             | 1       | 431               | 0                | 0                       | 6,546  |
| HGT                        | 0       | 0              | 0                 | 0       | 176               | 0                | 0                       | 176    |
| M                          | 0       | 0              | 0                 | 0       | 0                 | 0                | 10,807                  | 10,807 |
| O                          | 4       | 3              | 0                 | 0       | 328               | 0                | 0                       | 334    |
| R                          | 3,215   | 108            | 0                 | 0       | 0                 | 0                | 0                       | 3,323  |
| S                          | 0       | 2              | 64                | 0       | 11,956            | 0                | 0                       | 12,023 |
| ST                         | 0       | 0              | 50                | 0       | 546               | 0                | 0                       | 595    |
| SU                         | 29,856  | 2              | 0                 | 0       | 218               | 0                | 0                       | 30,075 |
| SW                         | 0       | 0              | 0                 | 0       | 0                 | 1                | 0                       | 1      |
| TU                         | 0       | 0              | 0                 | 0       | 1                 | 0                | 0                       | 1      |
| W                          | 0       | 0              | 1,489             | 0       | 1,670             | 1                | 0                       | 3,161  |
| TOT                        | 34,647  | 2,163          | 6,742             | 1       | 15,420            | 2                | 11,513                  | 70,488 |

TABLE: JA-2

JAPAN - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT  
(by species/product/metric tonnage)

-----  
Product /Species  
Type /  
-----

NONE



TABLE: JA-3

JAPAN - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS  
 (by species/product/metric tonnage)

Product /Species  
 Type /

|     | Pollock | Pacific<br>Cod | Other<br>Flounder | Turbots | Sablefish<br>Jack<br>Mackerel | Squid | Other<br>Species | Unidentified<br>Species | TOTAL  |
|-----|---------|----------------|-------------------|---------|-------------------------------|-------|------------------|-------------------------|--------|
| F   | 827     | 69             | 0                 | 0       | 0                             | 0     | 0                | 0                       | 896    |
| FB  | 431     | 0              | 0                 | 0       | 0                             | 0     | 0                | 0                       | 431    |
| FN  | 639     | 0              | 0                 | 0       | 0                             | 0     | 0                | 0                       | 639    |
| FO  | 0       | 0              | 0                 | 0       | 0                             | 0     | 0                | 111                     | 111    |
| G   | 25      | 0              | 0                 | 0       | 0                             | 0     | 0                | 0                       | 25     |
| H   | 0       | 0              | 0                 | 0       | 0                             | 0     | 0                | 279                     | 279    |
| HG  | 3,789   | 393            | 1,451             | 35      | 59                            | 0     | 201              | 2                       | 5,930  |
| M   | 0       | 0              | 0                 | 0       | 0                             | 0     | 0                | 2,424                   | 2,424  |
| O   | 48      | 0              | 0                 | 0       | 0                             | 0     | 0                | 77                      | 125    |
| R   | 1,231   | 5              | 0                 | 0       | 0                             | 0     | 0                | 0                       | 1,236  |
| S   | 35      | 0              | 0                 | 0       | 0                             | 0     | 0                | 0                       | 35     |
| SU  | 5,620   | 0              | 0                 | 0       | 0                             | 0     | 0                | 0                       | 5,620  |
| SW  | 0       | 0              | 0                 | 0       | 0                             | 0     | 4                | 0                       | 4      |
| W   | 3,734   | 0              | 50                | 0       | 0                             | 1     | 1                | 3                       | 3,795  |
| TOT | 16,379  | 467            | 1,501             | 35      | 59                            | 1     | 207              | 2,899                   | 21,549 |

TABLE: JA-4

JAPAN - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY  
 (by species/product/metric tonnage)

| Product /Species<br>Type / | Pollock | Pacific<br>Cod | Other<br>Flounder | Turbots | Sablefish<br>Mackerel | Jack | Squid | Other<br>Species | Unidentified<br>Species | TOTAL  |
|----------------------------|---------|----------------|-------------------|---------|-----------------------|------|-------|------------------|-------------------------|--------|
| F                          | 178     | 69             | 0                 | 0       | 0                     | 0    | 0     | 0                | 0                       | 247    |
| FB                         | 431     | 0              | 0                 | 0       | 0                     | 0    | 0     | 0                | 0                       | 431    |
| FN                         | 639     | 0              | 0                 | 0       | 0                     | 0    | 0     | 0                | 0                       | 639    |
| G                          | 25      | 0              | 0                 | 0       | 0                     | 0    | 0     | 0                | 0                       | 25     |
| H                          | 0       | 0              | 0                 | 0       | 0                     | 0    | 0     | 0                | 279                     | 279    |
| HG                         | 3,787   | 393            | 1,451             | 22      | 59                    | 0    | 0     | 201              | 0                       | 5,913  |
| M                          | 0       | 0              | 0                 | 0       | 0                     | 0    | 0     | 0                | 1,545                   | 1,545  |
| O                          | 48      | 0              | 0                 | 0       | 0                     | 0    | 0     | 0                | 77                      | 125    |
| R                          | 622     | 5              | 0                 | 0       | 0                     | 0    | 0     | 0                | 0                       | 627    |
| S                          | 35      | 0              | 0                 | 0       | 0                     | 0    | 0     | 0                | 0                       | 35     |
| SU                         | 2,285   | 0              | 0                 | 0       | 0                     | 0    | 0     | 0                | 0                       | 2,285  |
| W                          | 3,675   | 0              | 50                | 0       | 0                     | 0    | 0     | 2                | 0                       | 3,727  |
| TOT                        | 11,725  | 467            | 1,501             | 22      | 59                    | 0    | 0     | 203              | 1,901                   | 15,878 |

TABLE: JA-5

JAPAN - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY  
 (by species/product/metric tonnage)

Product /Species  
 Type /

|     | Pollock | Pacific<br>Cod | Other<br>Flounder | Turbots | Sablefish | Jack<br>Mackerel | Squid | Other<br>Species | Unidentified<br>Species | TOTAL |
|-----|---------|----------------|-------------------|---------|-----------|------------------|-------|------------------|-------------------------|-------|
| F   | 649     | 0              | 0                 | 0       | 0         | 0                | 0     | 0                | 0                       | 649   |
| FB  | 0       | 0              | 0                 | 0       | 0         | 0                | 0     | 0                | 0                       | 0     |
| FO  | 0       | 0              | 0                 | 0       | 0         | 0                | 0     | 0                | 119                     | 119   |
| H   | 0       | 0              | 0                 | 0       | 0         | 0                | 0     | 0                | 0                       | 0     |
| HG  | 2       | 0              | 0                 | 13      | 0         | 0                | 0     | 0                | 2                       | 17    |
| M   | 0       | 0              | 0                 | 0       | 0         | 0                | 0     | 0                | 879                     | 879   |
| R   | 609     | 0              | 0                 | 0       | 0         | 0                | 0     | 0                | 0                       | 609   |
| SU  | 3,335   | 0              | 0                 | 0       | 0         | 0                | 0     | 0                | 0                       | 3,335 |
| SW  | 0       | 0              | 0                 | 0       | 0         | 0                | 0     | 4                | 0                       | 4     |
| W   | 59      | 0              | 0                 | 0       | 0         | 0                | 0     | 1                | 6                       | 67    |
| TOT | 4,654   | 0              | 0                 | 13      | 0         | 0                | 0     | 5                | 1,006                   | 5,679 |

TABLE: KS-1

KOREA - TOTAL TRANSFERS  
(by species/product/metric tonnage)

Product /Species  
Type /

|     | Pollock | Pacific<br>Cod | Other<br>Flounder | Yellowfin<br>Sole | Atka<br>Mackerel | Other<br>Species | Unidentified<br>Species | TOTAL   |
|-----|---------|----------------|-------------------|-------------------|------------------|------------------|-------------------------|---------|
| FB  | 61      | 0              | 0                 | 0                 | 0                | 0                | 0                       | 61      |
| FN  | 970     | 0              | 0                 | 0                 | 0                | 0                | 0                       | 970     |
| G   | 4,424   | 0              | 0                 | 0                 | 0                | 0                | 0                       | 4,424   |
| H   | 662     | 5              | 0                 | 0                 | 0                | 0                | 0                       | 667     |
| HDS | 0       | 668            | 0                 | 0                 | 0                | 0                | 0                       | 668     |
| HG  | 2,995   | 1,192          | 16                | 0                 | 0                | 0                | 0                       | 4,203   |
| HGT | 0       | 37             | 24                | 0                 | 0                | 0                | 0                       | 61      |
| IO  | 29      | 129            | 0                 | 0                 | 0                | 0                | 0                       | 158     |
| M   | 0       | 0              | 0                 | 0                 | 0                | 0                | 4,554                   | 4,554   |
| O   | 1,519   | 1              | 0                 | 0                 | 0                | 0                | 0                       | 1,520   |
| R   | 4,496   | 237            | 0                 | 0                 | 0                | 0                | 0                       | 4,733   |
| S   | 25      | 1              | 0                 | 0                 | 0                | 0                | 0                       | 26      |
| SU  | 7,439   | 0              | 0                 | 0                 | 0                | 0                | 0                       | 7,439   |
| W   | 34,903  | 6,244          | 2,932             | 28,266            | 258              | 39               | 8                       | 72,650  |
| TOT | 57,523  | 8,514          | 2,972             | 28,266            | 258              | 39               | 4,562                   | 102,134 |

TABLE: KS-2

KOREA - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT  
(by species/product/metric tonnage)

=====  
Product /Species

Type /  
=====

NONE

TABLE: KS-3

KOREA - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS  
 (by species/product/metric tonnage)

Product /Species

Type /

|     | Pollock | Unidentified<br>Species | TOTAL  |
|-----|---------|-------------------------|--------|
| FN  | 121     | 0                       | 121    |
| FO  | 139     | 47                      | 186    |
| G   | 2,476   | 0                       | 2,476  |
| HG  | 1,152   | 0                       | 1,152  |
| IO  | 11      | 0                       | 11     |
| M   | 0       | 1,527                   | 1,527  |
| O   | 547     | 0                       | 547    |
| R   | 789     | 0                       | 789    |
| S   | 20      | 0                       | 20     |
| SU  | 2,265   | 0                       | 2,265  |
| W   | 15,195  | 0                       | 15,195 |
| TOT | 22,715  | 1,574                   | 24,289 |

TABLE: KS-4

KOREA - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY  
 (by species/product/metric tonnage)

Product /Species

Type /

|     | Pollock | Unidentified<br>Species | TOTAL  |
|-----|---------|-------------------------|--------|
| FN  | 121     | 0                       | 121    |
| FO  | 139     | 47                      | 186    |
| G   | 2,476   | 0                       | 2,476  |
| HG  | 1,054   | 0                       | 1,054  |
| IO  | 11      | 0                       | 11     |
| M   | 0       | 1,527                   | 1,527  |
| O   | 547     | 0                       | 547    |
| R   | 751     | 0                       | 751    |
| S   | 20      | 0                       | 20     |
| SU  | 1,723   | 0                       | 1,723  |
| W   | 13,184  | 0                       | 13,184 |
| TOT | 20,026  | 1,574                   | 21,600 |

TABLE: KS-5

KOREA - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY  
 (by species/product/metric tonnage)

Product /Species

Type /

|     | Pollock | Unidentified<br>Species | TOTAL |
|-----|---------|-------------------------|-------|
| FN  | 0       | 0                       | 0     |
| FO  | 0       | 0                       | 0     |
| G   | 0       | 0                       | 0     |
| HG  | 98      | 0                       | 98    |
| IO  | 0       | 0                       | 0     |
| M   | 0       | 0                       | 0     |
| O   | 0       | 0                       | 0     |
| R   | 38      | 0                       | 38    |
| S   | 0       | 0                       | 0     |
| SU  | 541     | 0                       | 541   |
| W   | 2,011   | 0                       | 2,011 |
| TOT | 2,688   | 0                       | 2,688 |



TABLE: UR-1

USSR - TOTAL TRANSFERS  
(by species/product/metric tonnage)

Product /Species

Type /

|     | Pollock | Pacific<br>Cod | Other<br>Flounder | Yellowfin<br>Sole | Unidentified<br>Species | TOTAL  |
|-----|---------|----------------|-------------------|-------------------|-------------------------|--------|
| CN  | 1,013   | 2              | 0                 | 1,194             | 49                      | 2,258  |
| F   | 0       | 667            | 0                 | 0                 | 0                       | 667    |
| FB  | 0       | 28             | 0                 | 0                 | 0                       | 28     |
| FN  | 0       | 64             | 0                 | 0                 | 0                       | 64     |
| FO  | 0       | 0              | 0                 | 0                 | 130                     | 130    |
| G   | 0       | 0              | 2                 | 58                | 0                       | 60     |
| H   | 0       | 0              | 18                | 0                 | 0                       | 18     |
| HG  | 1,036   | 18,174         | 1,442             | 1,029             | 0                       | 21,681 |
| IO  | 0       | 53             | 0                 | 0                 | 0                       | 53     |
| M   | 0       | 0              | 0                 | 0                 | 5,139                   | 5,139  |
| O   | 19      | 701            | 0                 | 0                 | 0                       | 720    |
| P   | 0       | 39             | 0                 | 0                 | 0                       | 39     |
| R   | 0       | 2,187          | 0                 | 0                 | 0                       | 2,187  |
| TU  | 2       | 0              | 161               | 75                | 0                       | 238    |
| W   | 737     | 0              | 2                 | 0                 | 0                       | 739    |
| TOT | 2,807   | 21,915         | 1,625             | 2,356             | 5,318                   | 34,021 |

TABLE: UR-2

USSR - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT  
(by species/product/metric tonnage)

Product /Species

Type /

NONE

TABLE: UR-3

USSR - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS  
 (by species/product/metric tonnage)

| =====            |         |         |          |         |              |        |
|------------------|---------|---------|----------|---------|--------------|--------|
| Product /Species |         |         |          |         |              |        |
| Type /           | =====   |         |          |         |              |        |
|                  | Pollock | Pacific | Other    | Other   | Unidentified | TOTAL  |
|                  |         | Cod     | Flounder | Species | Species      |        |
|                  | -----   |         |          |         |              |        |
| CN               | 1,032   | 0       | 0        | 9       | 0            | 1,041  |
| F                | 57      | 139     | 0        | 0       | 14           | 210    |
| FO               | 0       | 0       | 0        | 0       | 100          | 100    |
| G                | 0       | 0       | 10       | 0       | 0            | 10     |
| H                | 375     | 939     | 0        | 0       | 0            | 1,314  |
| HG               | 1,880   | 3,842   | 412      | 0       | 0            | 6,134  |
| IO               | 0       | 70      | 0        | 0       | 50           | 120    |
| M                | 0       | 0       | 0        | 0       | 1,062        | 1,062  |
| O                | 30      | 2,132   | 0        | 0       | 50           | 2,212  |
| R                | 13      | 230     | 0        | 0       | 0            | 243    |
| W                | 1,231   | 0       | 0        | 0       | 0            | 1,231  |
|                  | -----   |         |          |         |              |        |
| TOT              | 4,618   | 7,352   | 422      | 9       | 1,276        | 13,677 |

TABLE: UR-4

USSR - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY  
 (by species/product/metric tonnage)

Product /Species

Type /

|     | Pollock | Pacific<br>Cod | Other<br>Flounder | Unidentified<br>Species | TOTAL |
|-----|---------|----------------|-------------------|-------------------------|-------|
| F   | 0       | 139            | 0                 | 14                      | 153   |
| FO  | 0       | 0              | 0                 | 100                     | 100   |
| G   | 0       | 0              | 10                | 0                       | 10    |
| H   | 375     | 939            | 0                 | 0                       | 1,314 |
| HG  | 683     | 3,637          | 412               | 0                       | 4,732 |
| IO  | 0       | 70             | 0                 | 50                      | 120   |
| M   | 0       | 0              | 0                 | 664                     | 664   |
| O   | 0       | 1,886          | 0                 | 0                       | 1,886 |
| R   | 0       | 206            | 0                 | 0                       | 206   |
| W   | 485     | 0              | 0                 | 0                       | 485   |
| TOT | 1,543   | 6,877          | 422               | 828                     | 9,670 |

TABLE: UR-5

USSR - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY  
 (by species/product/metric tonnage)

Product /Species  
 Type /

|     | Pollock | Pacific<br>Cod | Other<br>Species | Unidentified<br>Species | TOTAL |
|-----|---------|----------------|------------------|-------------------------|-------|
| CN  | 1,032   | 0              | 9                | 0                       | 1,041 |
| F   | 57      | 0              | 0                | 0                       | 57    |
| HG  | 1,197   | 205            | 0                | 0                       | 1,402 |
| M   | 0       | 0              | 0                | 397                     | 397   |
| O   | 30      | 246            | 0                | 50                      | 326   |
| R   | 13      | 25             | 0                | 0                       | 38    |
| W   | 746     | 0              | 0                | 0                       | 746   |
| TOT | 3,075   | 476            | 9                | 447                     | 4,007 |

TABLE: PL-1

POLAND - TOTAL TRANSFERS  
 (by species/product/metric tonnage)

Product /Species  
 Type /

|     | Pollock | Pacific<br>Cod | Pacific<br>Hake | P.O.P. | Unidentified<br>Species | TOTAL  |
|-----|---------|----------------|-----------------|--------|-------------------------|--------|
| F   | 84      | 0              | 0               | 0      | 0                       | 84     |
| FB  | 114     | 0              | 15              | 0      | 0                       | 129    |
| FN  | 28,158  | 3              | 1,317           | 0      | 1                       | 29,479 |
| HG  | 0       | 0              | 71              | 0      | 0                       | 71     |
| M   | 0       | 0              | 0               | 0      | 11,881                  | 11,881 |
| O   | 510     | 0              | 0               | 0      | 0                       | 510    |
| R   | 595     | 0              | 0               | 0      | 0                       | 595    |
| TU  | 375     | 0              | 306             | 1      | 0                       | 682    |
| TOT | 29,836  | 3              | 1,709           | 1      | 11,882                  | 43,431 |

TABLE: PL-2

POLAND - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT  
 (by species/product/metric tonnage)

Product /Species  
 Type /

|     | Pollock | Pacific<br>Hake | P.O.P. | Unidentified<br>Species | TOTAL  |
|-----|---------|-----------------|--------|-------------------------|--------|
| FN  | 12,270  | 579             | 0      | 0                       | 12,849 |
| M   | 0       | 0               | 0      | 4,733                   | 4,733  |
| O   | 61      | 0               | 0      | 0                       | 61     |
| TU  | 131     | 131             | 1      | 0                       | 263    |
| TOT | 12,462  | 710             | 1      | 4,733                   | 17,906 |

TABLE: PL-3

POLAND - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS  
 (by species/product/metric tonnage)

Product /Species  
 Type /

|     | Pollock | Pacific<br>Cod | Pacific<br>Hake | Unidentified<br>Species | TOTAL  |
|-----|---------|----------------|-----------------|-------------------------|--------|
| FB  | 0       | 0              | 15              | 0                       | 15     |
| FN  | 12,736  | 3              | 726             | 0                       | 13,465 |
| HG  | 0       | 0              | 71              | 0                       | 71     |
| M   | 0       | 0              | 0               | 5,217                   | 5,217  |
| R   | 2,608   | 0              | 0               | 287                     | 2,895  |
| TU  | 94      | 0              | 161             | 0                       | 255    |
| W   | 1       | 0              | 0               | 0                       | 1      |
| TOT | 15,439  | 3              | 973             | 5,504                   | 21,919 |



TABLE: PL-4

POLAND - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY  
(by species/product/metric tonnage)

=====

| Product /Species |
|------------------|
|------------------|

| Type / |
|--------|
|--------|

=====

NONE

TABLE: PL-5

POLAND - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY  
 (by species/product/metric tonnage)

Product /Species

Type /

|     | Pollock | Pacific<br>Cod | Pacific<br>Hake | Unidentified<br>Species | TOTAL  |
|-----|---------|----------------|-----------------|-------------------------|--------|
| FB  | 0       | 0              | 15              | 0                       | 15     |
| FN  | 12,736  | 3              | 726             | 0                       | 13,465 |
| HG  | 0       | 0              | 71              | 0                       | 71     |
| M   | 0       | 0              | 0               | 5,217                   | 5,217  |
| R   | 2,608   | 0              | 0               | 287                     | 2,895  |
| TU  | 94      | 0              | 161             | 0                       | 255    |
| W   | 1       | 0              | 0               | 0                       | 1      |
| TOT | 15,439  | 3              | 973             | 5,504                   | 21,919 |

TABLE: CH-1

CHINA - TOTAL TRANSFERS  
(by species/product/metric tonnage)

Product /Species  
Type /

|     | Pollock | Pacific<br>Cod | Other<br>Flounder | Yellowfin<br>Sole | Unidentified<br>Species | TOTAL |
|-----|---------|----------------|-------------------|-------------------|-------------------------|-------|
| FBN | 86      | 0              | 0                 | 0                 | 0                       | 86    |
| FN  | 1,072   | 25             | 0                 | 0                 | 0                       | 1,097 |
| HG  | 1,695   | 0              | 160               | 903               | 0                       | 2,758 |
| M   | 0       | 0              | 0                 | 0                 | 872                     | 872   |
| R   | 255     | 0              | 0                 | 0                 | 0                       | 255   |
| W   | 0       | 0              | 0                 | 1,840             | 0                       | 1,840 |
| TOT | 3,108   | 25             | 160               | 2,743             | 872                     | 6,908 |

TABLE: CH-2

CHINA - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT  
(by species/product/metric tonnage)

=====  
Product /Species

Type /  
=====

NONE

TABLE: CH-3

CHINA - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS  
 (by species/product/metric tonnage)

Product /Species

Type /

|     | Pollock | Pacific<br>Cod | Other<br>Flounder | Pacific<br>Hake | Unidentified<br>Species | TOTAL |
|-----|---------|----------------|-------------------|-----------------|-------------------------|-------|
| FN  | 22      | 29             | 0                 | 1               | 0                       | 52    |
| G   | 334     | 0              | 0                 | 0               | 0                       | 334   |
| HG  | 0       | 0              | 1                 | 32              | 0                       | 33    |
| M   | 0       | 0              | 0                 | 0               | 1,236                   | 1,236 |
| R   | 90      | 24             | 0                 | 0               | 0                       | 114   |
| TOT | 446     | 53             | 1                 | 33              | 1,236                   | 1,769 |

TABLE: CH-4

CHINA - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY  
(by species/product/metric tonnage)

=====

| Product /Species |
|------------------|
|------------------|

| Type / |
|--------|
|--------|

=====

NONE

TABLE: CH-5

CHINA - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY  
 (by species/product/metric tonnage)

Product /Species  
 Type /

|     | Pollock | Pacific<br>Cod | Other<br>Flounder | Pacific<br>Hake | Unidentified<br>Species | TOTAL |
|-----|---------|----------------|-------------------|-----------------|-------------------------|-------|
| FN  | 22      | 29             | 0                 | 1               | 0                       | 52    |
| G   | 334     | 0              | 0                 | 0               | 0                       | 334   |
| HG  | 0       | 0              | 1                 | 32              | 0                       | 33    |
| M   | 0       | 0              | 0                 | 0               | 1,236                   | 1,236 |
| R   | 90      | 24             | 0                 | 0               | 0                       | 114   |
| TOT | 446     | 53             | 1                 | 33              | 1,236                   | 1,769 |



AGEND B-3  
JUNE 1988

**UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration**

*National Marine Fisheries Service*

*P.O. Box 21668*

*Juneau, Alaska 99802-1668*

JUN 13 1988

NEWS RELEASE  
James W. Brooks  
907-586-7221

| ROUTE TO              | INITIAL |
|-----------------------|---------|
| Exec. Dir.            |         |
| Deputy Dir.           | u       |
| Admin. Off.           |         |
| Exec. Sec.            |         |
| Staff Asst. 1         |         |
| Staff Asst. 2         |         |
| Staff Asst. 3         |         |
| Staff Asst. 4         |         |
| June 9, 1988          |         |
| For immediate release |         |

**CLOSURE OF DIRECTED FISHING FOR SABLEFISH  
IN THE BERING SEA SUBAREA**

The directed fishery for sablefish in Bering Sea subarea will close at 12:00 noon, June 11, 1988, according to James W. Brooks, Acting Director, Alaska Region, National Marine Fisheries Service (NMFS). An estimated 1,680 mt of sablefish have been landed to date. NMFS has determined that the remainder of the 3,400 mt total allowable catch (TAC) is necessary for bycatch in domestic groundfish fisheries planned for the remainder of 1988.

Directed fishing on sablefish means fishing that is intended or can reasonably be expected to result in the catching, taking, or harvesting of quantities of sablefish that amount to 20 percent or more of the catch, take or harvest, or to 20 percent or more of the total amount of fish or fish products on board at any time.

If the remaining sablefish TAC is taken prior to the end of the year, sablefish will become a prohibited species in the Bering Sea subarea. Also, in order to prevent overfishing of sablefish, directed fishing for other groundfish may be limited by any method including area closures, gear restrictions, or prohibition of directed fishing on certain species. NMFS will be closely monitoring sablefish catches after June 11 and will issue warnings to fisheries with unacceptably high bycatch levels of sablefish.

For further information, call Janet Smoker at 907-586-7230.







UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration

National Marine Fisheries Service

P.O. Box 21668

Juneau, Alaska 99802-1668

AGENDA B-3

JUNE 1988

JUN 13 1988

|   |                       |
|---|-----------------------|
| NEWS RELEASE<br>James W. Brooks<br>907-586-7221 | ROUTE TO June 8, 1988 |
|   | For Immediate Release |

|               |  |
|---------------|--|
| Exec. Sec.    |  |
| Asst. 1       |  |
| Staff Asst. 2 |  |
| Sec./Dir.     |  |

~~DIRECTED FISHING WITH HOOK-AND-LINE GEAR FOR BLACKCOD  
IN THE CENTRAL REGULATORY AREA OF THE GULF OF ALASKA IS CLOSED~~

Directed fishing for blackcod with hook-and-line gear in the Central Regulatory Area (between 147° and 159° W. longitude) is prohibited after 12:00 noon Alaska Daylight Time on June 12, 1988, according to James W. Brooks, Acting Regional Director, National Marine Fisheries Service, Alaska Region. The quota assigned to hook-and-line gear is 10,030 metric tons round weight. NMFS has set aside 300 mt as bycatch that can be retained when fishing for other species, which leaves 9,730 mt available in the directed fishery. Based on recent catch rates, NMFS projects the catch will reach 9,730 mt by 12:00 noon on June 12.

Fishing with hook-and-line gear that is intended or can reasonably be expected to result in the catching, taking, or harvesting of quantities of sablefish that amount to 4 percent or more of the catch, take, or harvest, or 4 percent or more of the total amount of fish or fish products on board at any time would be in violation of this closure. NMFS does not foresee any future openings of the Central Regulatory Area to directed fishing for sablefish with hook-and-line during the remainder of this year. For further information, call Ron Berg or Jessie Gharrett at 907-586-7230.



NEWS RELEASE  
James W. Brooks  
907-586-7221

June 17, 1988

For Immediate Release

PART OF THE GULF OF ALASKA CLOSES TO FISHING FOR  
DEMERSAL SHELF ROCKFISH

The Alaska Department of Fish and Game has announced that directed fishing for demersal shelf rockfish in portions of the Central Southeast Outside Management area (CSEO) of the Gulf of Alaska will close at 12:00 noon on June 21, 1988. The closure applies to all waters of Sections 13-A and 13-B and the federal waters of the Exclusive Economic Zone (EEZ) east of 137°00 W. longitude between Point Amelia on Kruzof Island, and North Cape on Baranof Island. The National Marine Fisheries Service (NMFS) is publishing this State of Alaska closure as a convenience to fishermen. This closure is imposed under regulations of the State of Alaska and applies to all vessels registered under the laws of the State of Alaska.

Under Alaska State regulations, when the directed taking of demersal shelf rockfish is prohibited, no CFEC permit holder may have on board a commercial fishing vessel demersal shelf rockfish that make up more than 10 percent, by weight, of all species of fish on board the vessel. Landings in excess of that amount will be in violation of the Alaska State regulations.

The closure applies to directed fishing for the following ten species of rockfish which make up the demersal shelf rockfish complex:

1. Bocaccio rockfish (Sebastes paucispinis)
2. Canary rockfish (S. pinniger)
3. China rockfish (S. nebulosus)
4. Copper rockfish (S. caurinus)
5. Quillback rockfish (S. maliger)
6. Redstripe rockfish (S. proriger)
7. Rosethorn rockfish (S. helvomaculatus)
8. Silvergray rockfish (S. brevispinis)
9. Tiger rockfish (S. nigrocinctus)
10. Yelloweye rockfish (S. ruberrimus)

As of June 13, approximately 75 mt (165,375 pounds) have been landed from the CSEO area, which is 25 percent of the 300 mt harvest limit intended for this area. Fisheries performance data indicate a drop in catch per unit of effort and pounds per landing compared to previous seasons. Closure of a portion of CSEO will promote a more uniform distribution of effort, and minimize the risk of localized overharvesting of this vulnerable resource. For more information, call Ron Berg, NMFS, 907-586-7230, or Tory O'Connell, ADF&G, 907-747-6688.

# 1988 Bering Sea Sablefish

B-3  
Fred's

As of June 1, TAC remainder = 1,673 mt.

## Bycatch needs

| <u>Trawl</u>                |         |                 | <u>Sablefish<br/>bycatch</u> | <u>absolute<br/>minimal</u><br>↓     |
|-----------------------------|---------|-----------------|------------------------------|--------------------------------------|
| Pollock DAP remainder       | 504,000 | $\times .00056$ | <sup>1.</sup> = 282          | 282                                  |
| Pacific cod requests        | 14,600  | $\times .04$    | <sup>2.</sup> = 584          | 584                                  |
| Greenland turbot + POP rem. | 11,748  | $\times .07832$ | <sup>3.</sup> = 920          |                                      |
|                             |         |                 |                              | <u><math>\times .04</math></u> = 470 |

## Longline

Pacific cod requests 8,400  $\times .04$  = 336 336

## JV

If full pollock fishery, perhaps

5  
2,127

5  
~~1,673~~  
1,677

1. Sablefish bycatch in pollock trawl fisheries in 3rd + 4th quarter 1987.
2. estimate based on small sample.
3. bycatch rate in G. turbot + POP fisheries, 3rd + 4th quarter 1987
4. Same rate as Gulf bycatch;

Sablefish  
*[Signature]*

June 22, 1988

James O. Campbell  
North Pacific Fishery Management Council

Dear Mr. Campbell,

We wish to express our very strong protest regarding the NMFS closure of directed fishing for sablefish in the Bering Sea subarea beginning 12 noon, June 11, 1988. This closure was announced June 9, 1988 by James Brooks, Acting Director Alaska Region NMFS. In a fishery with relatively slow harvest rates, no preliminary notice to industry was given. In fact, the 72 hour notification rule which usually gives such closure notices was disregarded.

According to the NMFS, an estimated 1,680 MT of sablefish have been landed to date out of a 3,400 MT total allowable catch landings, representing approximately 49% of the TAC. As you are aware, the Bering Sea subarea is open to sablefish production using three gear types: trawl, longline, and pots. During the period of January 1st through May 11th, the production from each user group was approximately 52% trawl, 43% longline, and 6% pot.

NMFS states in their news release that, "NMFS has determined that the remainder of the TAC is necessary for bycatch in domestic groundfish fisheries planned for the remainder of 1988." Since this bycatch in domestic fisheries in the Bering Sea is virtually 100% of those fisheries involving trawl gear, this action effectively allocates all remaining sablefish production to that gear type alone.

In the Bering Sea fishery that has been a directed longline fishery for many, many years, we feel that we are subsidizing the cost of a solution of developing trawl fisheries that have many bycatch problems. We find this a completely unacceptable course of action that will have severe repercussions to our longline fisheries in the future.


In discussing our concerns with Ms. Janet Smoker of the NMFS staff last week, she stated that the longline fishery was very lucky to receive any directed fishery for sablefish in the Bering Sea in 1988 and that it is anticipated by NMFS that there will be no directed fishery for sablefish in the Bering Sea in 1989. Apparently, all of the TAC will be needed as bycatch in present and proposed trawl groundfish operations.

James O. Campbell  
June 22, 1988  
Page 2

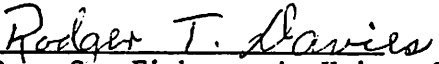
We wish to strongly protest the manner and method in which the NMFS staff is making clearly political and economic decisions that favor a trawl gear type fishery that has such major bycatch problems during fishing operations. We also strongly question the action of a new user group being given the complete economic rights to a resource that in the past has been fully utilized by another user group. This action clearly seems to preempt the grounds without even the notion that perhaps the fishery can be shared by more than one user group.

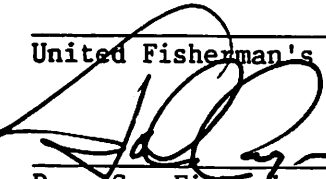
We would like to thank you very much for the Council's review of this problem and anticipate a timely response on this matter.

Sincerely,

  
Kodiak Longline Vessel Owners Assoc.

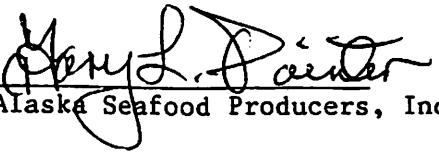
  
Seattle Fishing Vessel Owners Assoc.

  
Deep Sea Fisherman's Union, Seattle

  
United Fisherman's Marketing Assoc., Kodiak

Deep Sea Fisheries Inc., - John Coyne

  
Arctic Sun Fisheries, Inc., Louie Lowenberg

  
Alaska Seafood Producers, Inc., Gary L. Painter

Request for Emergency Action

by the

North Pacific Fishery Management Council

Effective January 1, 1989

Regarding: Closure of Directed Fishing for sablefish in the Bering Sea.

Reason for Emergency Action: Severe economic consequence to both longline and pot fishermen due to NMFS's decision to manage the sablefish fishery in the Bering Sea subarea as a bycatch fishery only.

Industry requests that the NPFMC allocate the Bering Sea sablefish TAC to specific gear type user groups based on a three year history of sablefish harvest percentages. Gear allocations are to be in effect for the 1989 fishing season.

Background: The Bering Sea Area FMP has been multi-gear since it was first implemented in 1981. The designated gear types were longline, pot and trawl. No allocations of harvest percentages were made between specific gear types.

In determining that the TAC is necessary for bycatch in domestic groundfish fisheries, NMFS has effectively allocated the resource to one gear type only - trawl. Neither longline nor pot gear are productive gear types in a 20% bycatch fishery for sablefish. By pursuing the fishery as bycatch only, the commercial fishery of both gear types is thus effectively terminated without due process.