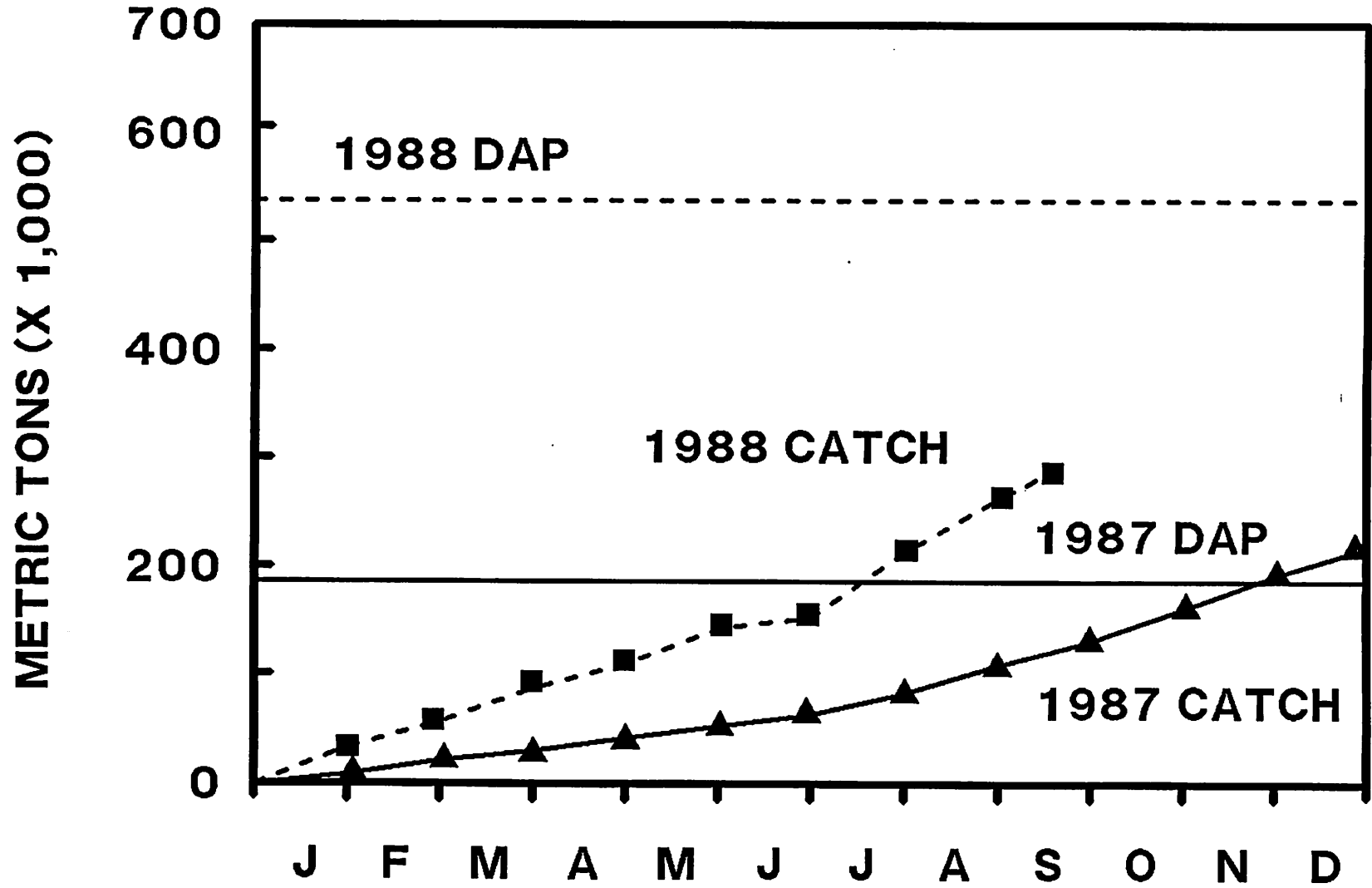


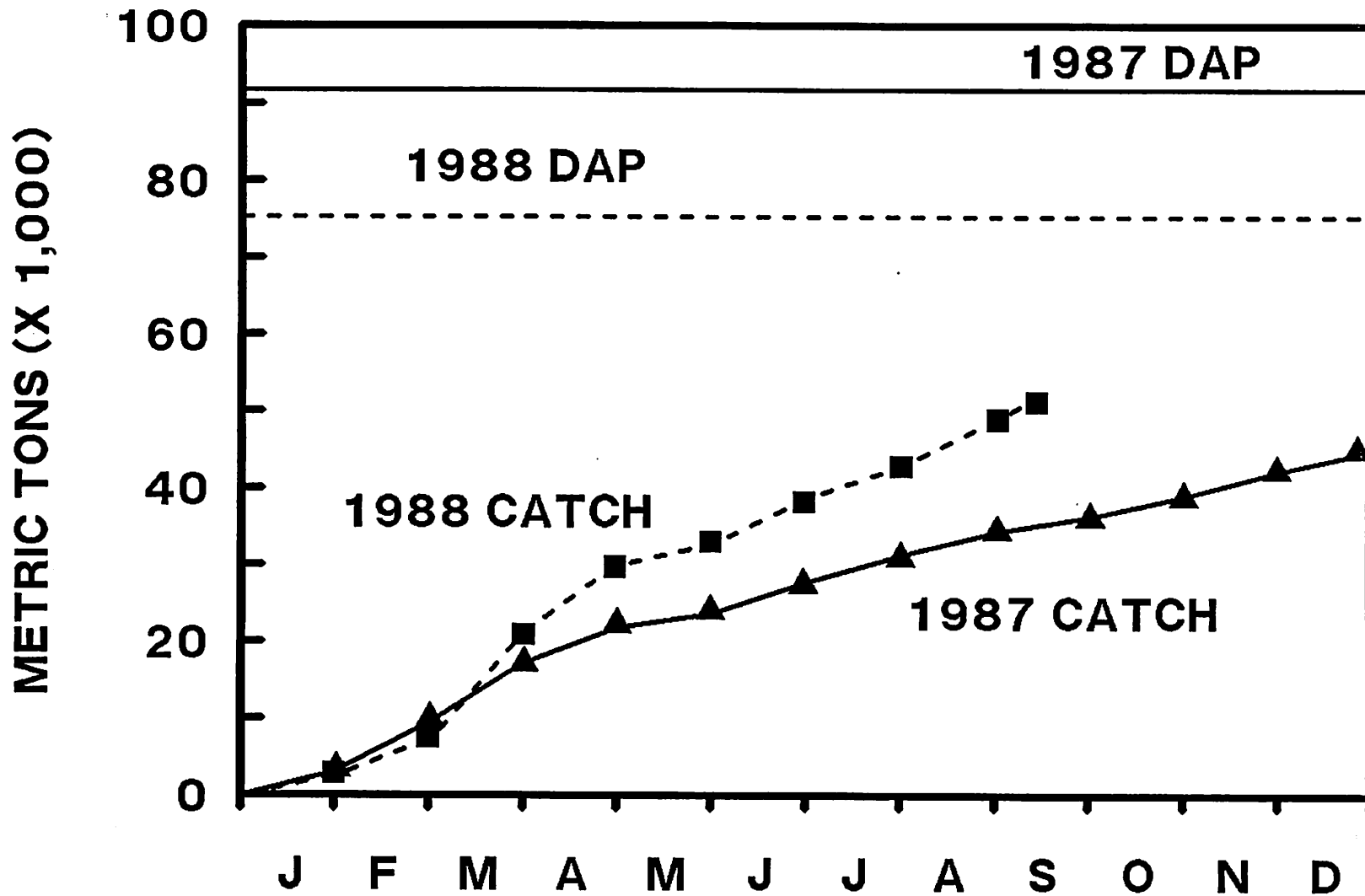
DAP CATCH

BSA POLLOCK



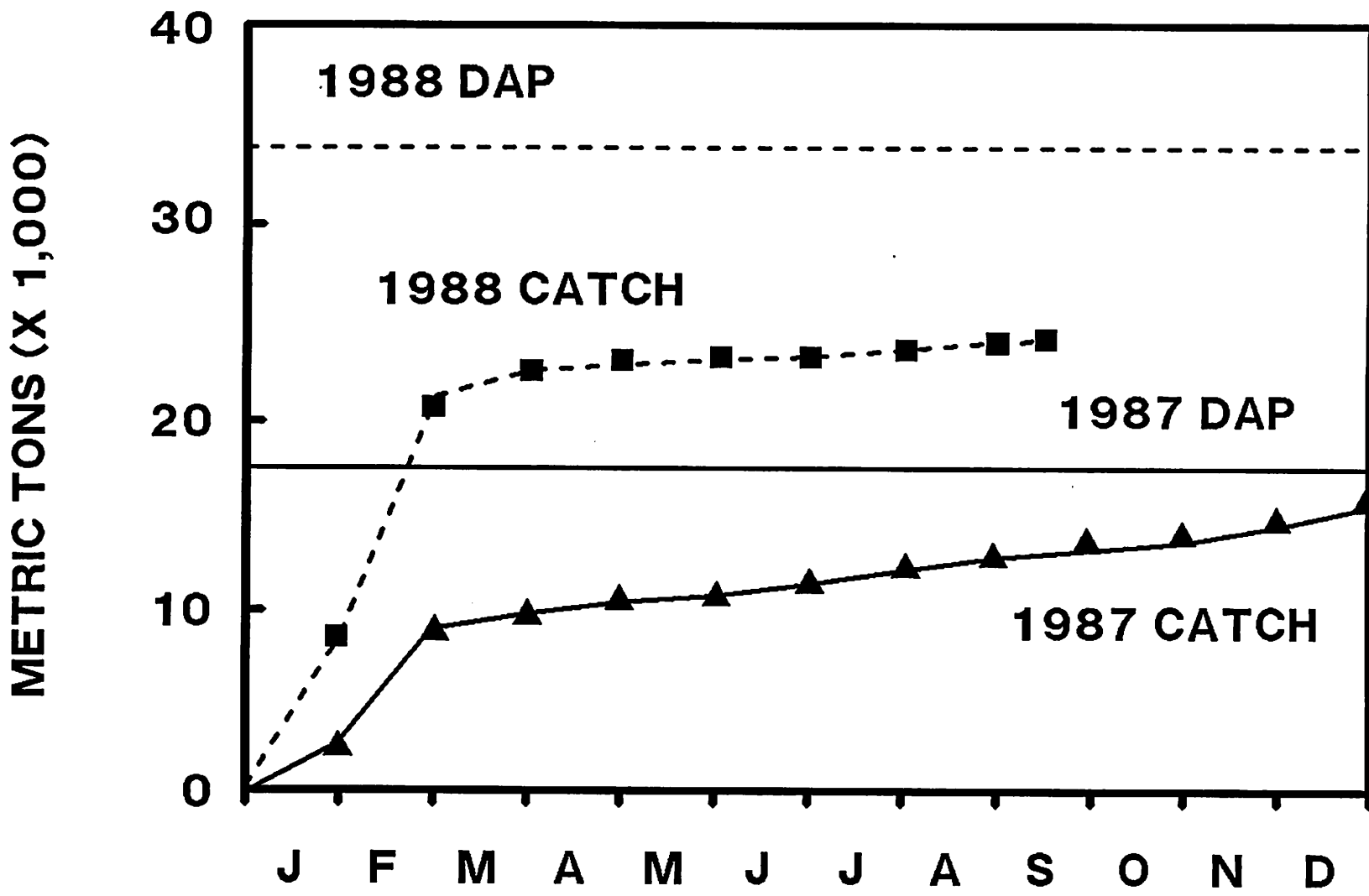
DAP CATCH

BSA PACIFIC COD



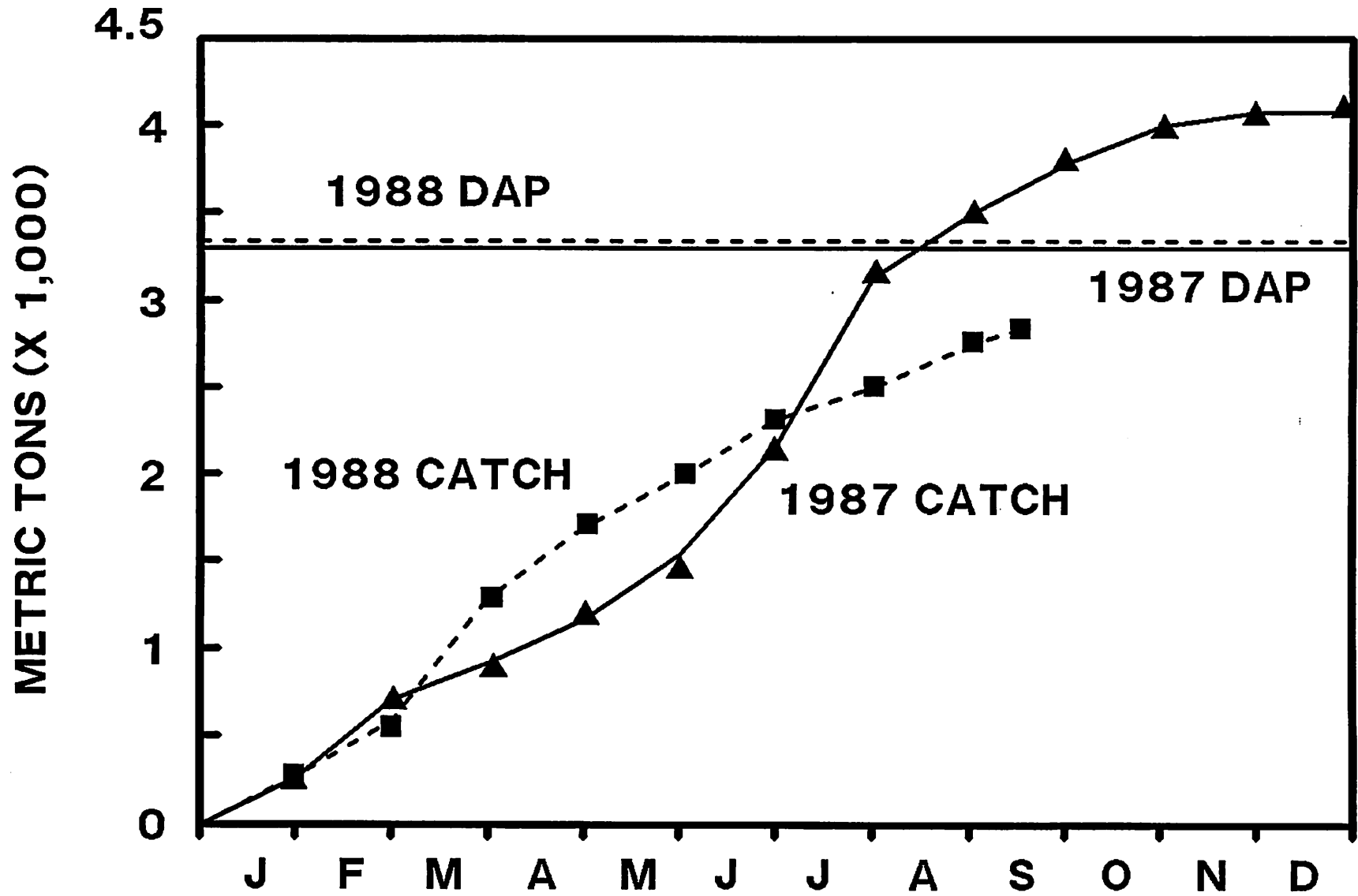
DAP CATCH

BSA "OTHER FLATFISH"



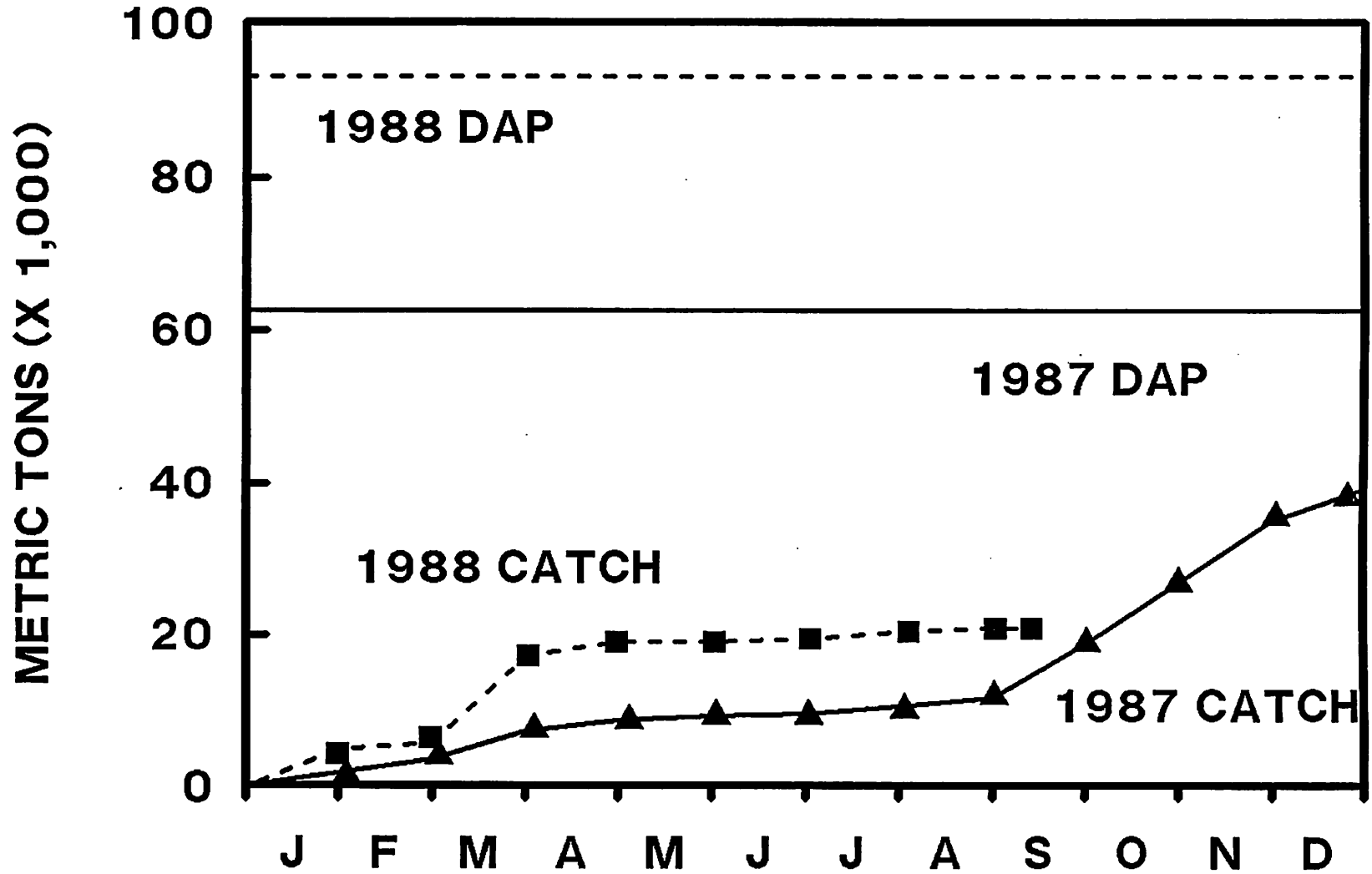
DAP CATCH

BERING SEA SABLEFISH



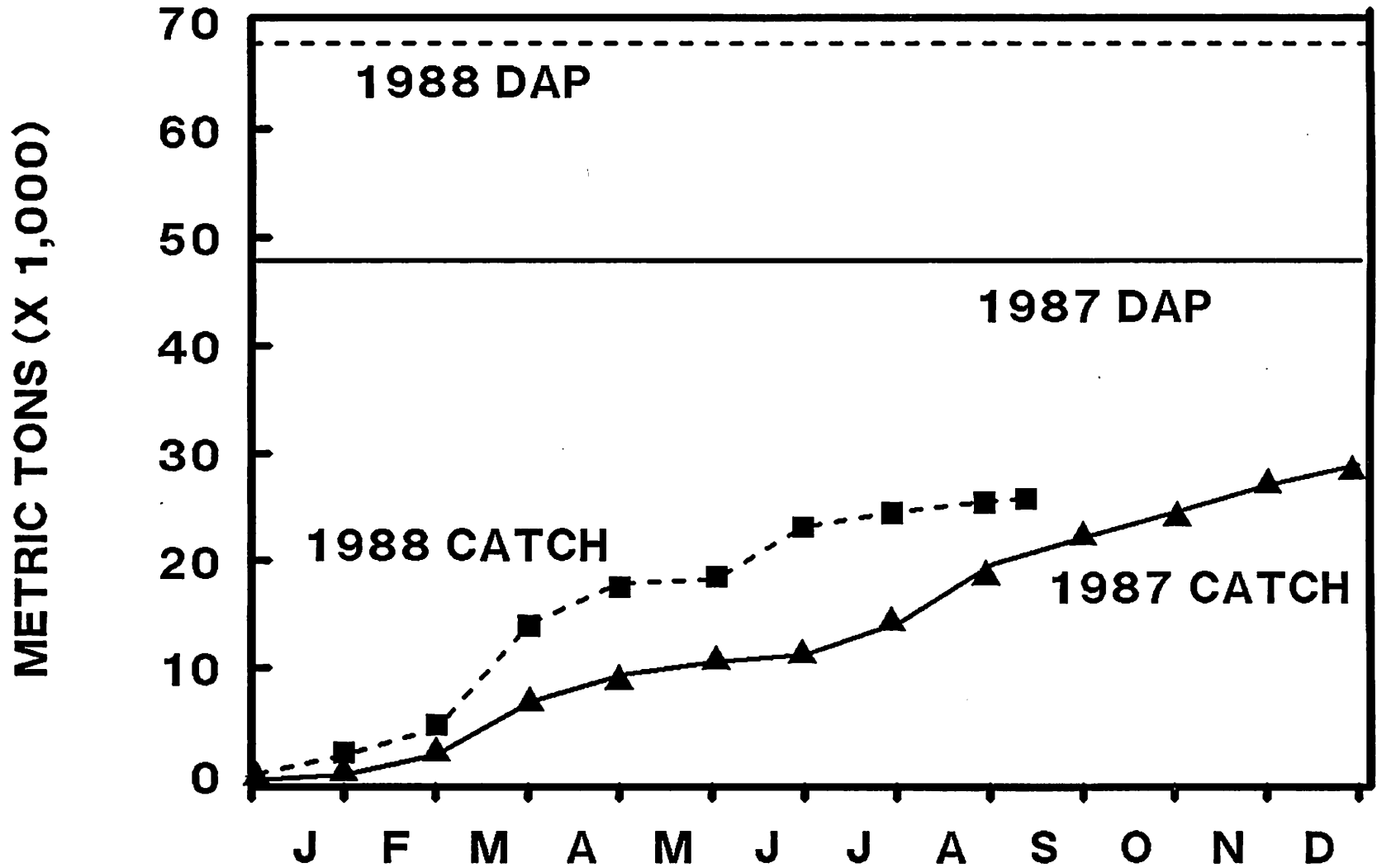
DAP CATCH

GOA POLLOCK



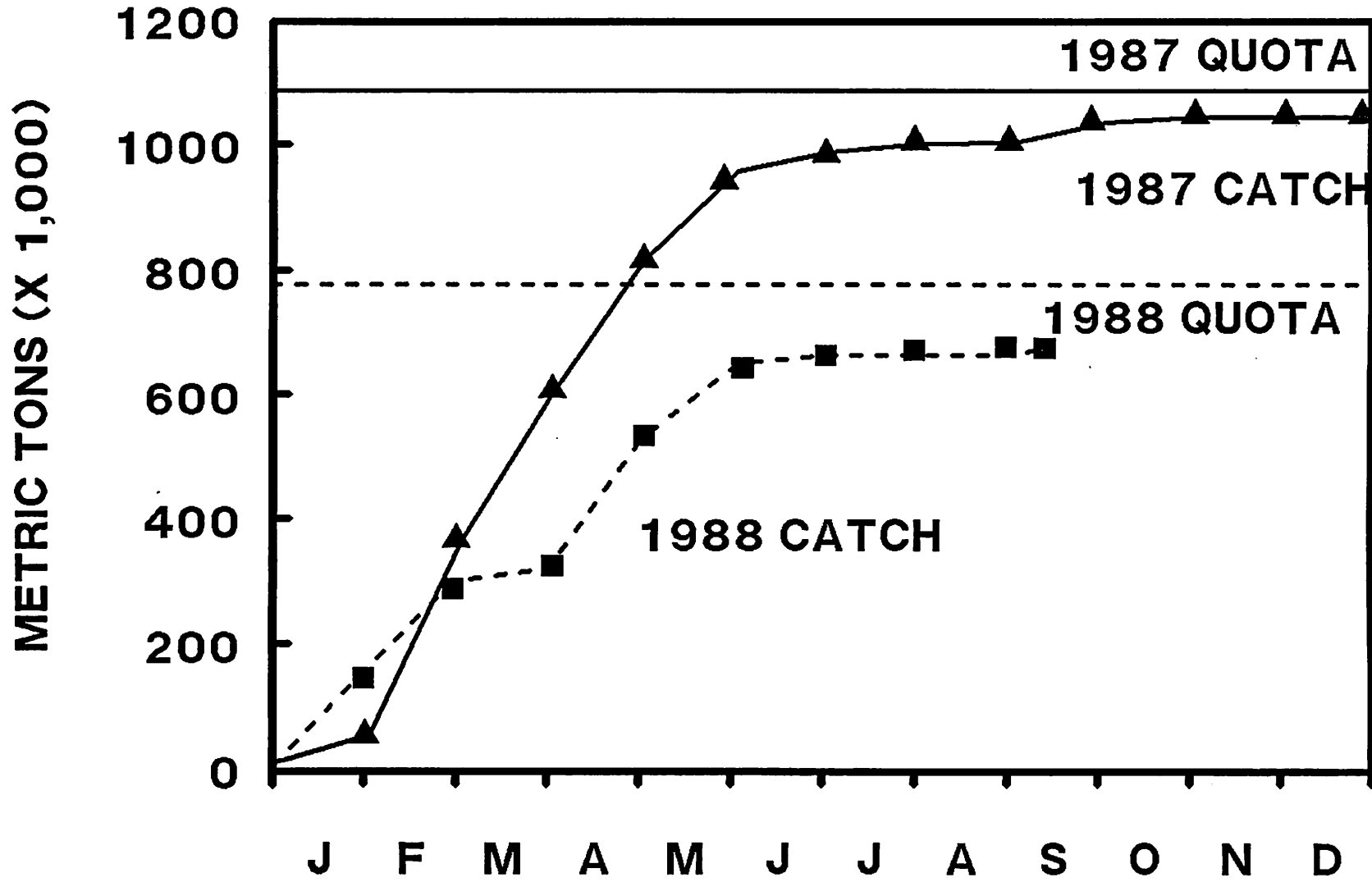
DAP CATCH

GOA PACIFIC COD



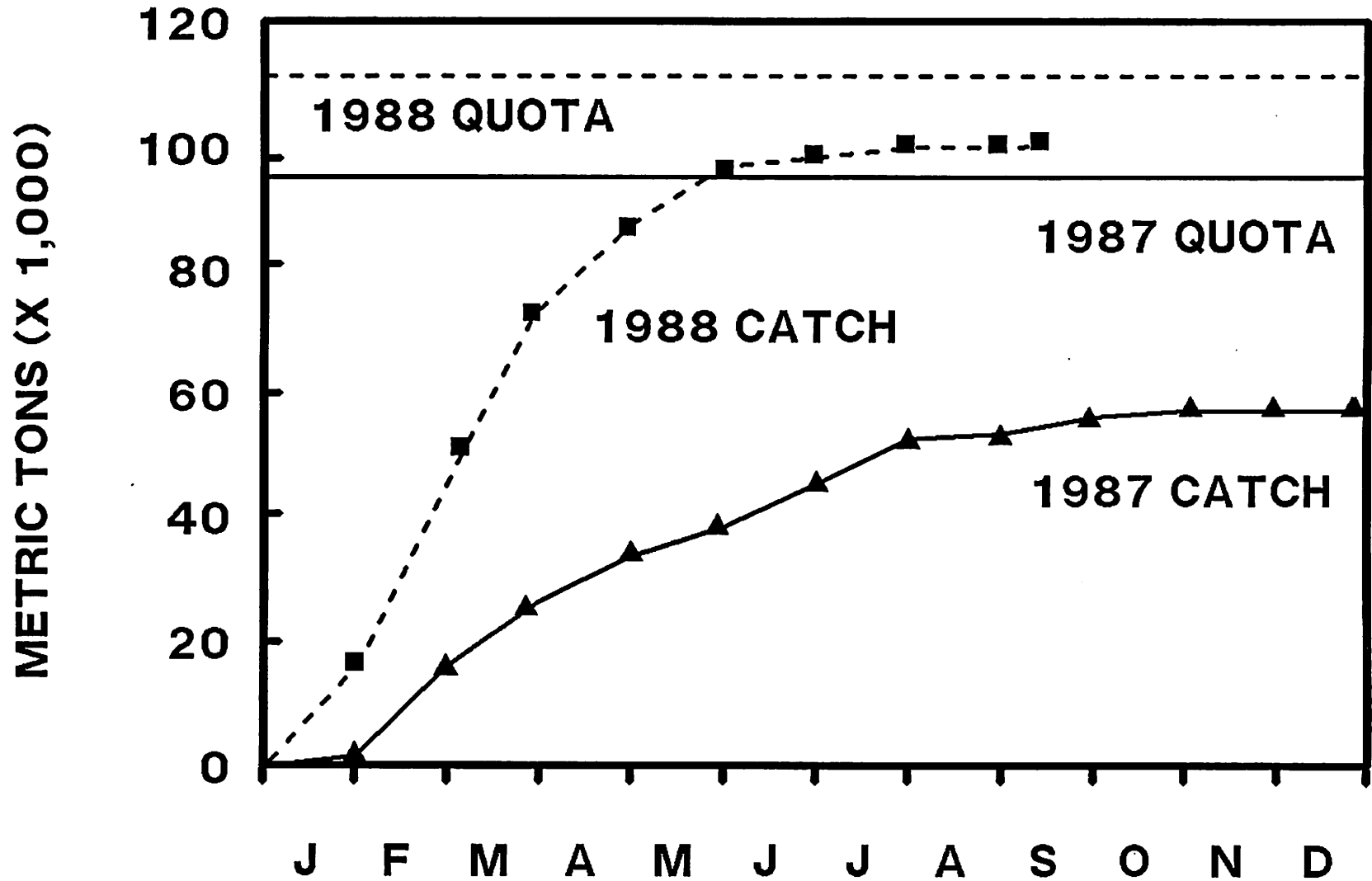
JVP CATCH

BSA POLLOCK



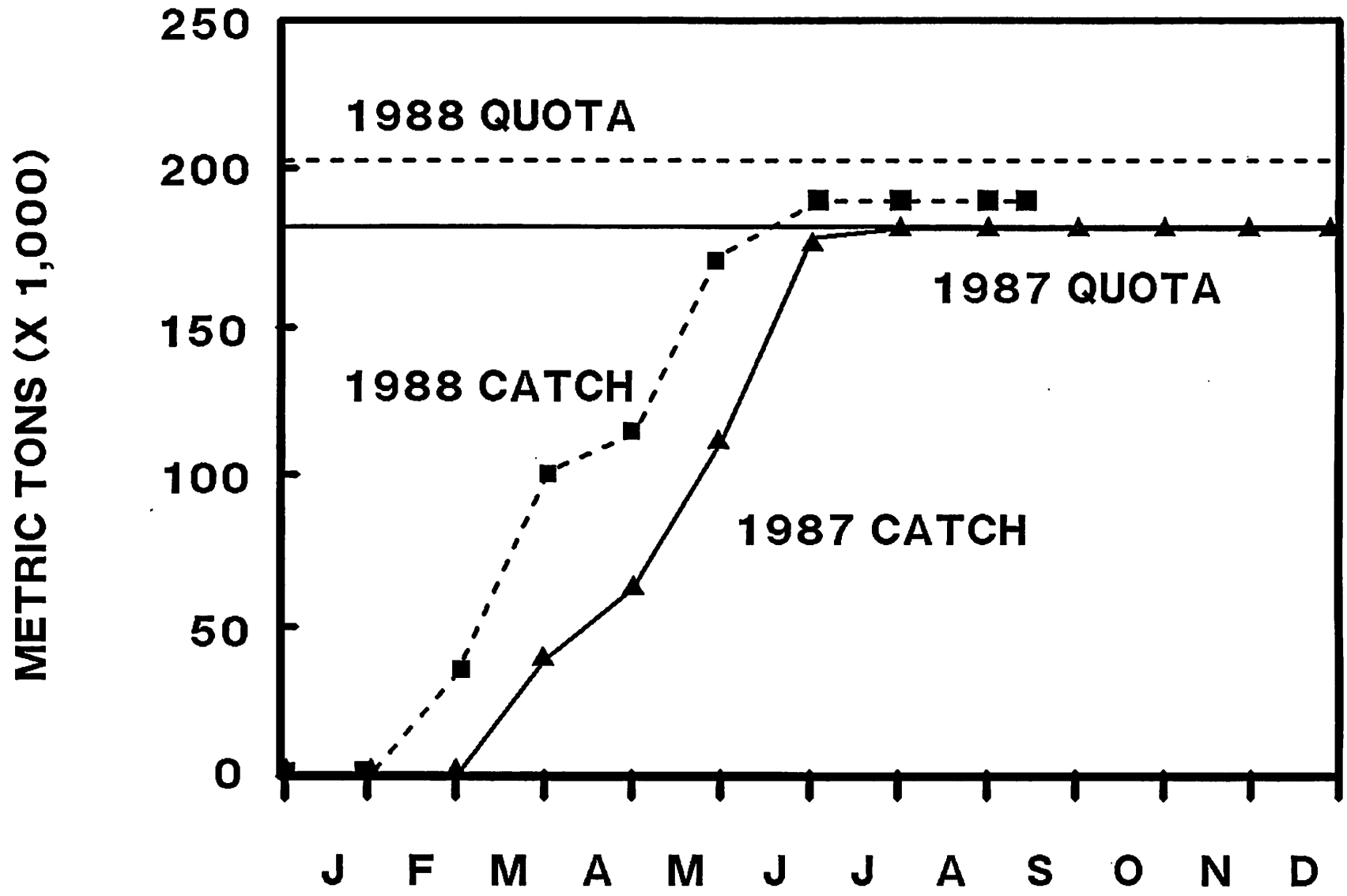
JVP CATCH

BSA PACIFIC COD



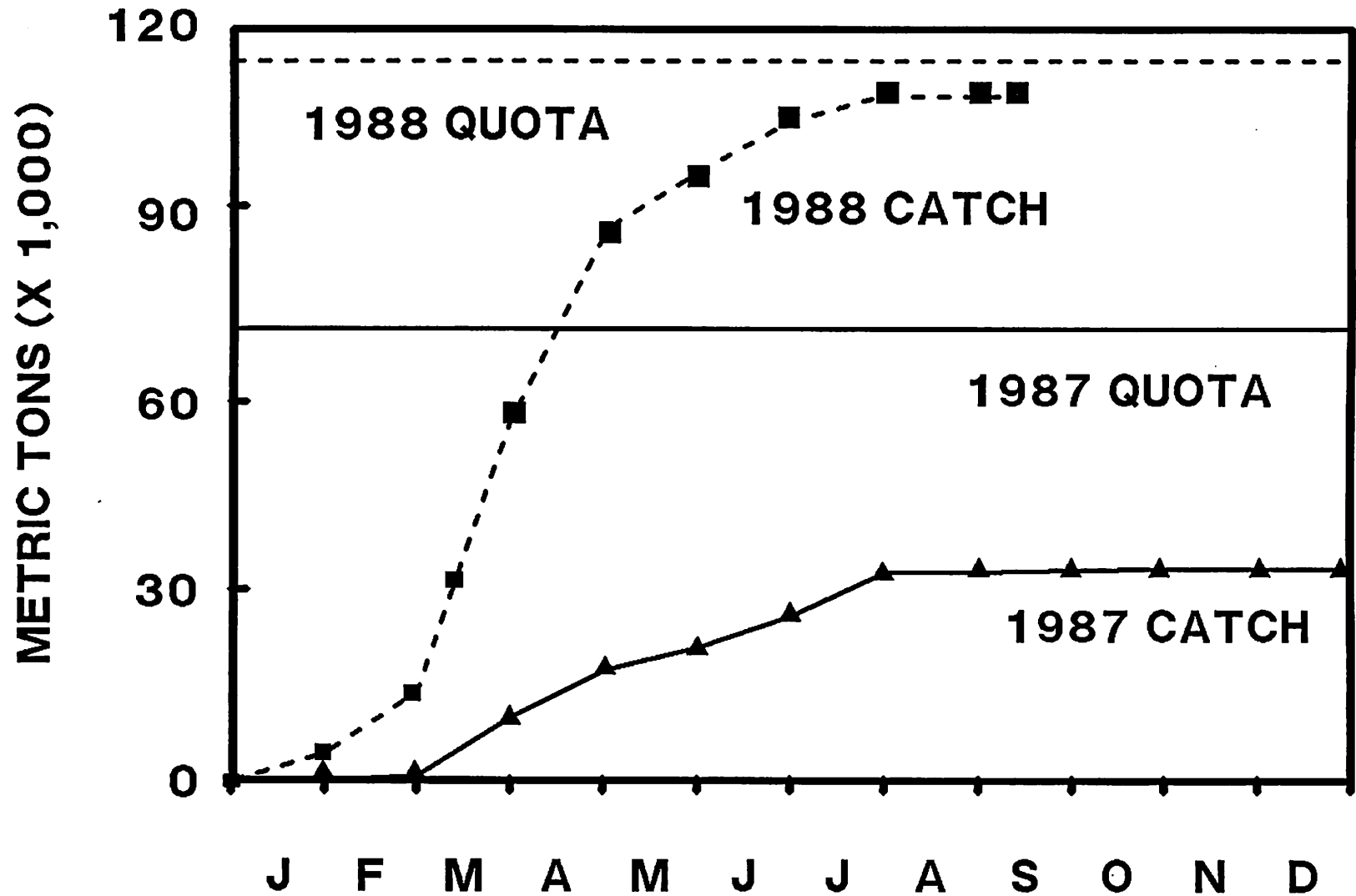
JVP CATCH

BSA YELLOWFIN SOLE



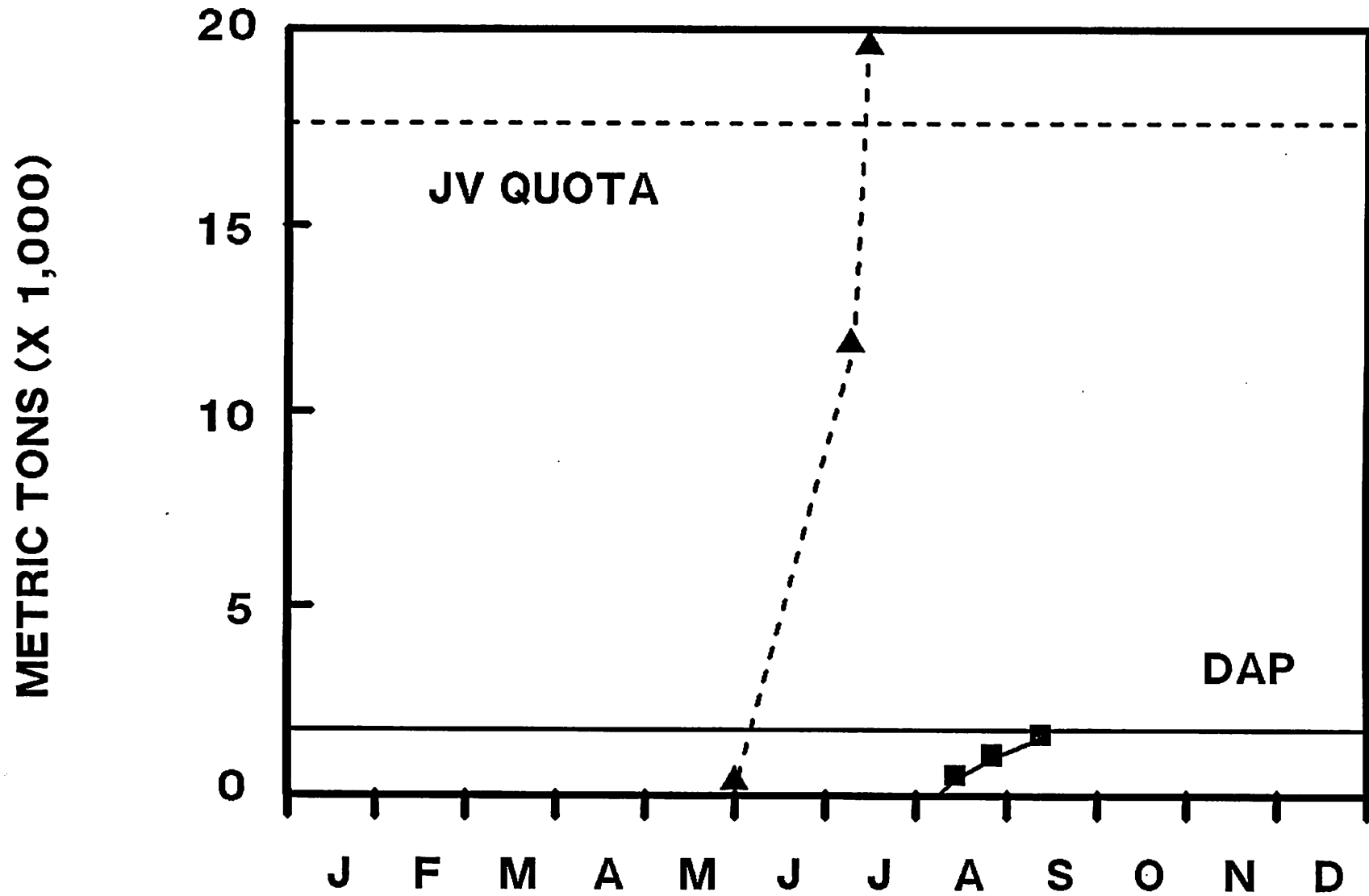
JVP CATCH

BSA "OTHER FLATFISH"



1988 ATKA MACKEREL CATCH

BSA

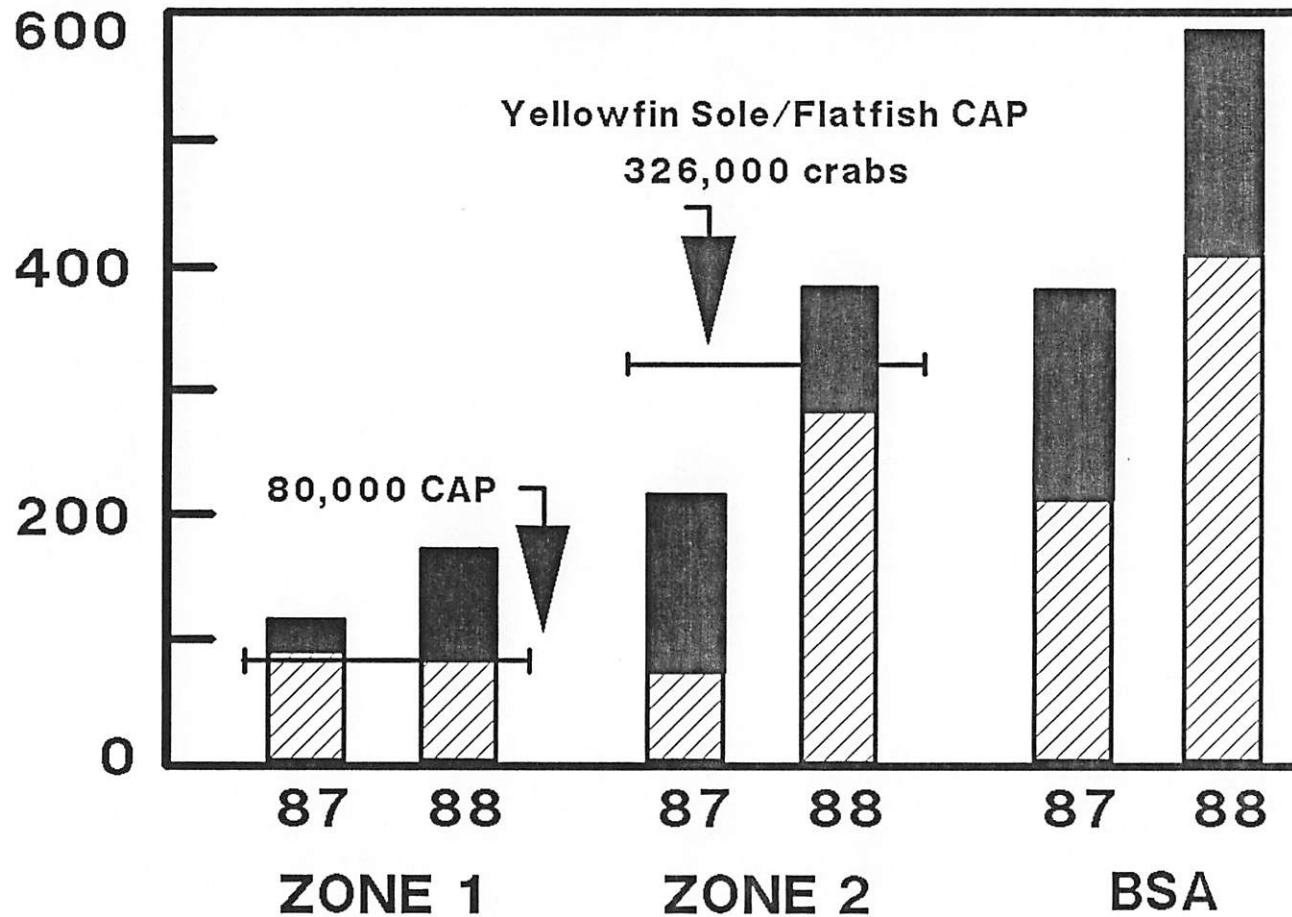


BAIRDI TANNER CRAB CATCHES IN BSA JV FISHERIES

1987 - ENTIRE YEAR

1988 - THROUGH SEPT 10

NUMBER OF CRABS (X 1,000)



Other Target Fisheries

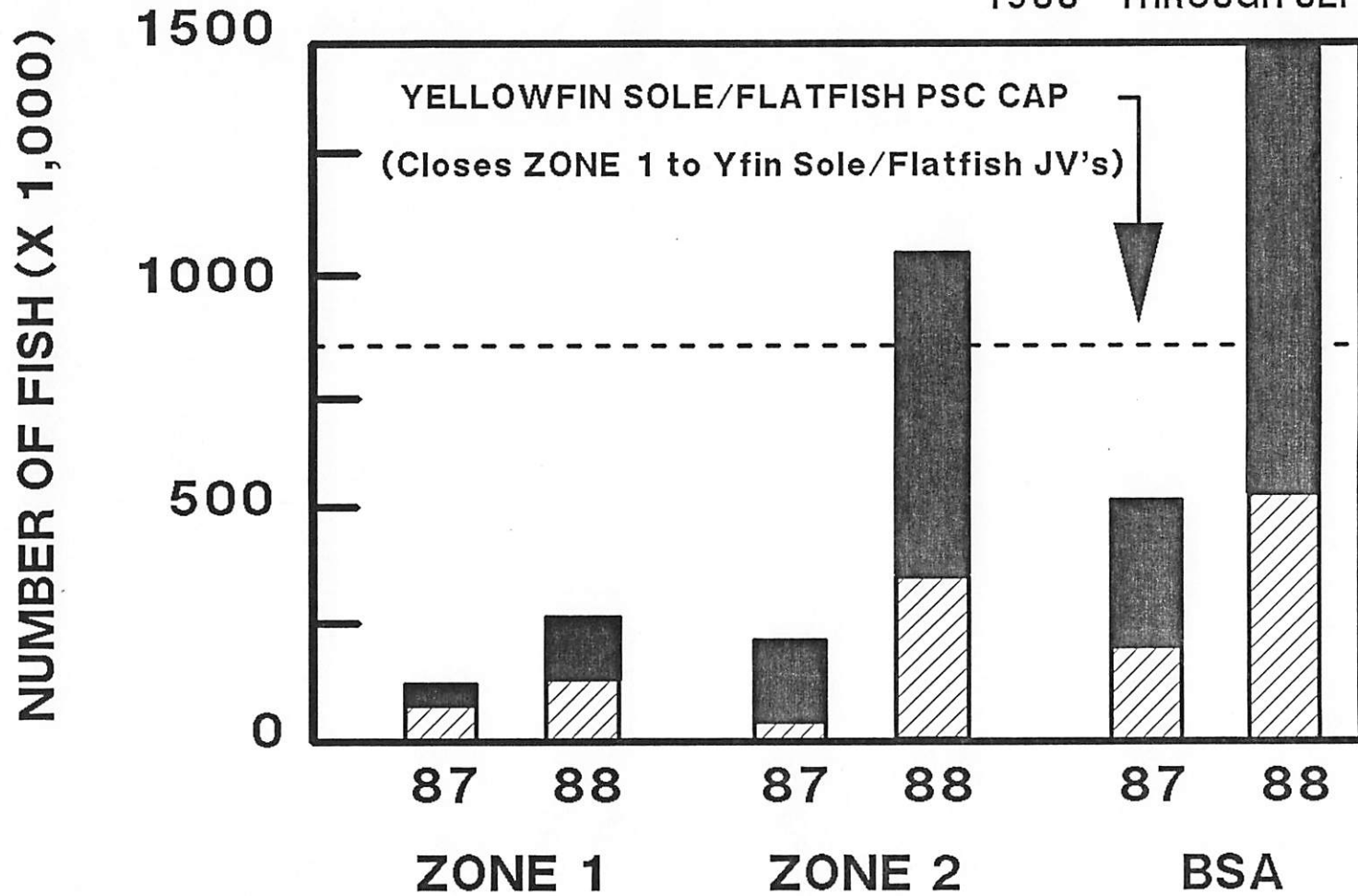


Yellowfin Sole/Flatfish Fisheries (caps apply only to these)

PACIFIC HALIBUT CATCHES IN BSA JV FISHERIES

1987 - ENTIRE YEAR

1988 - THROUGH SEPT 10

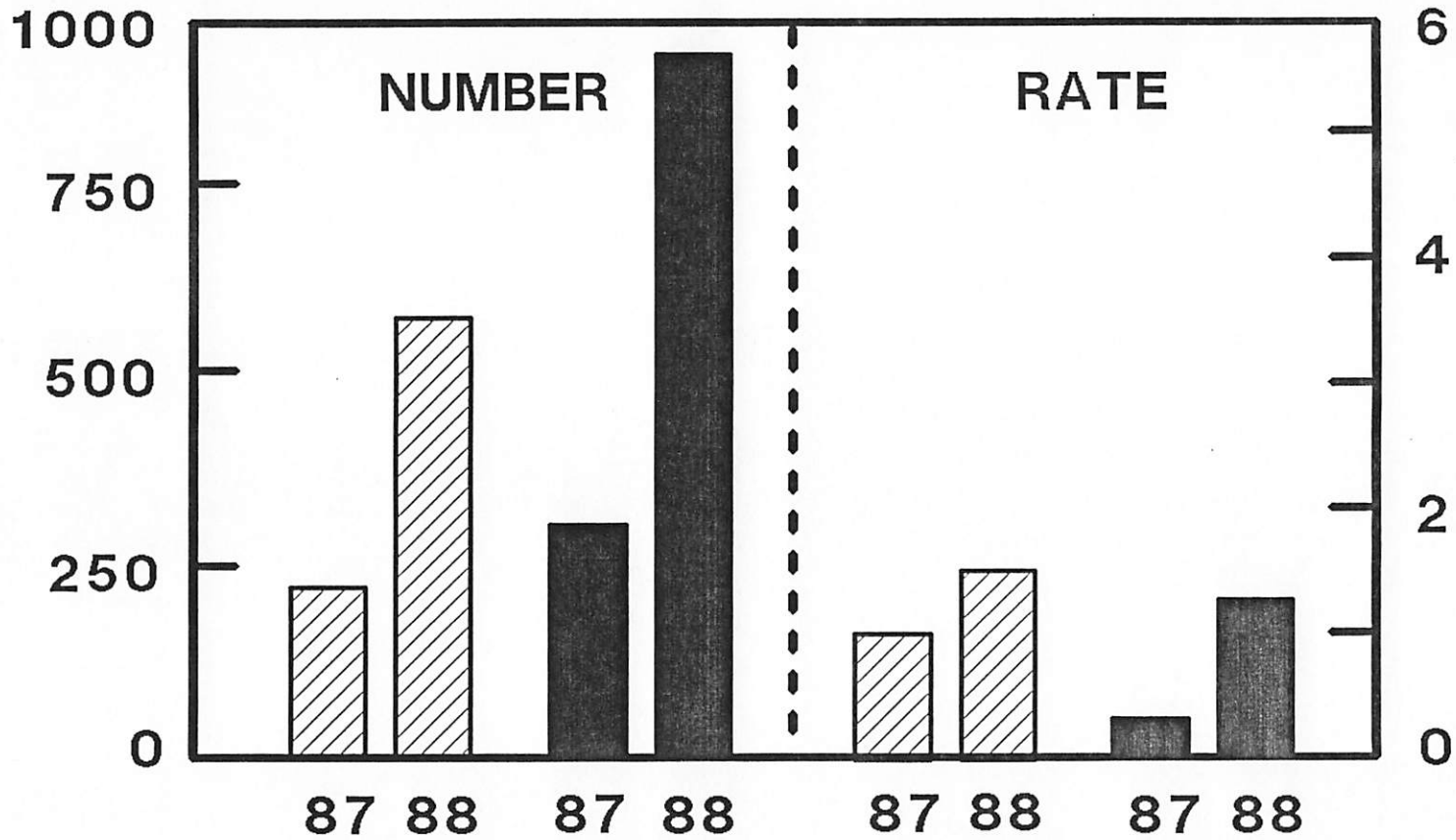


HALIBUT CATCH IN BSA JV FISHERIES

1987 - ENTIRE YEAR

1988 - THROUGH SEPT 10

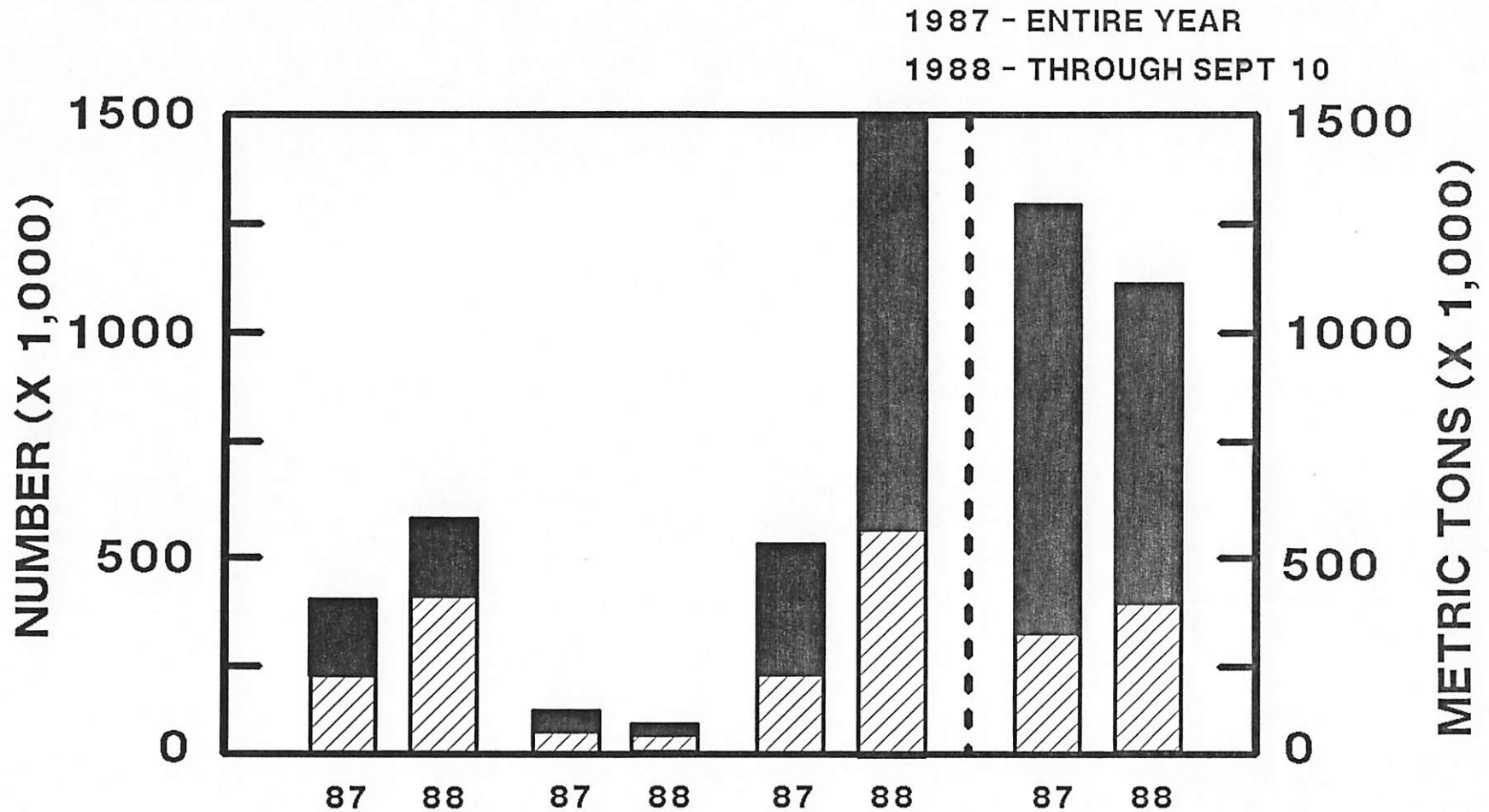
NO. OF HALIBUT (X 1,000)



CATCH RATE (HAL/MT GRNDFISH)

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

PROHIBITED SPECIES CATCHES IN BSA JV FISHERIES



C. BAIRDI RED KING HALIBUT GROUND FISH

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

SUMMARY OF FOREIGN FISHING VESSEL
TRANSSHIPMENT DATA

APRIL 1, 1988 THROUGH JUNE 30, 1988

Office of Enforcement
National Marine Fisheries Service
Alaska Region

Juneau, Alaska
August 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 April 1, 1988, through June 30, 1988, during which a total of 1,120 foreign transshipments were reported. This represents a 13 percent decrease in the number of transfers reported during the preceeding quarter. The backlog of 1988 foreign transshipment data has now been eliminated with incoming reports being entered in the data base on a daily basis.

This data base does not include transshipment data from the U.S. catcher/processor fleet. Off-loading reports from that segment of industry are in the process of being compiled into a separate data base. 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 or preceeding quarter. 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 2ND QUARTER TRANSFER DATA
(by nation/metric tonnage)

NATION	TOTAL 1/ TRANSFERS	SUBTOTAL 2/ TRANSPORT- TRANSPORT	TOTAL 3/ ON BOARD BEGIN	SUBTOTAL 4/ ON BOARD TRANSPORTS	SUBTOTAL 5/ ON BOARD FFV
JAPAN	71,566	31	10,980	8,921	2,058
KOREA	59,657	0	9,350	1,239	8,109
USSR	46,495	0	19,052	18,958	88
POLAND	21,137	8,871	17,209	4,939	12,270
CHINA	6,298	0	0	0	0
TOTAL	205,153	8,902	56,591	34,057	22,525

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).

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 2ND QUARTER TRANSFER DATA
(total transferred by nation/species/metric tonnage)

SPECIES	JAPAN	USSR	KOREA	POLAND	CHINA	TOTAL
POLLOCK	40,268	1,230	23,155	14,549	69	79,271
PACIFIC COD	2,072	4,105	6,817	25	7	13,026
FLOUNDR	4,440	11,844	3,669	0	1,659	21,612
YELLOW- FIN ATKA MACKRL	8,386	24,781	21,588	0	4,533	59,288
POP	0	0	1,335	0	0	1,335
ROCK- FISH	1	0	215	0	0	216
	0	0	25	0	0	25

OTHER SPEC.	7	0	268	0	0	275
UNID.6/ SPEC.	16,385	4,535	2,585	6,563	30	30,098

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 71,566 metric tons of product within the EEZ. This represents a 2 percent increase over the first quarter of 1988 in total tonnage transferred. Excluding product reported on board fishing vessels entering the EEZ and transport to transport operations this would equate to 69,477 MT of product originating within the EEZ, an increase of 7 percent over the first quarter of 1988. An unknown portion of this amount would have been carried over from the first quarter of 1988, therefore absolute comparison to second quarter 1988 catch data cannot be made. Disregarding unidentified species (presumed to be comprised of primarily pollock and yellowfin sole), 72 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 (54 percent) of the cargo transshipped followed by 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 59,657 MT of product within the EEZ. This represents a 42 percent decrease from the 1st quarter of 1988 in total total tonnage transferred. Excluding product reported on board fishing vessels entering the EEZ this would equate to 51,548 MT of product originating within the EEZ. An unknown portion of this amount would have been carried over from the first quarter of 1988, therefore absolute comparison to second quarter 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 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 yellowfin sole comprised the largest portion (35 percent) of the cargo

transshipped followed by whole pollock (26 percent) and pollock surimi (10 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 46,495 MT of product within the EEZ. This represents a 37 percent increase from the 1st quarter 1988 for total tonnage transferred. Excluding product reported on board fishing vessels entering the EEZ this would equate to 46,407 MT of product originating within the EEZ. An unknown portion of this amount would have been carried over from the first quarter or 1988, therefore absolute comparison to second quarter 1988 catch data cannot be made. Disregarding unidentified species (presumed to be comprised of primarily yellowfin sole and other flounder), 87 percent of all transshipment tonnage was Yellowfin sole and other flounder products with the majority of the remainder being Pacific cod products. Transshipped species composition is consistent with the JV yellowfin sole fisheries that occurred within the EEZ. Headed and gutted yellowfin sole and other flounder comprised the largest portion (64 percent) of the cargo transshipped followed by fish meal (10 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 21,137 MT of product within the EEZ. This represents a 51 percent decrease from the first quarter 1988 of total tonnage transferred. Excluding transport to transport transfers and product reported on board fishing vessels entering the EEZ this would equate to no product originating within the EEZ. An unknown portion of this amount would have been carried over from the first quarter 1988, therefore absolute comparison to second quarter 1988 catch data cannot be made. Disregarding unidentified species (presumed to be comprised of primarily Pollock), 99 percent of all transshipment tonnage was pollock products. Transshipped species composition is consistent with the directed pollock fishery in the donut hole. Pollock fillets comprised the largest portion (49 percent) of the cargo transshipped followed by fish meal (31 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 6,298 MT of product within the EEZ. This represents a 9 percent decrease from the first quarter 1988 total tonnage transferred. This further equates to 6,298 MT of product originating within the EEZ. An unknown portion of this amount would have been carried over from the first quarter of 1988, therefore absolute comparison to second quarter 1988 catch data cannot be made. 98 percent of all transshipment tonnage was yellowfin sole and other flounder products. Transshipped species composition is

consistent with the JV yellowfin sole fisheries that occurred within the EEZ. Whole yellowfin sole comprised the largest portion (45 percent) of the cargo transshipped followed by headed and gutted yellowfin sole (27 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 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 (2ND QTR - 1988)
 (by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Other Flounder	Yellowfin Sole	Other Species	Sablefish	P.O.P	Unidentified Species	TOTAL
F	659	651	0	0	0	0	0	0	1,310
FN	122	0	0	0	0	0	0	0	122
FO	0	0	0	0	0	0	0	32	32
H	0	0	253	254	0	0	0	0	508
HG	77	1,381	2,927	264	5	1	1	0	4,658
HGT	0	0	0	142	0	0	0	0	143
M	0	0	0	0	0	0	0	16,353	16,353
O	1	0	0	67	0	0	0	0	69
P	2	0	0	0	0	0	0	0	2
R	142	2	0	0	0	0	0	0	144
S	0	0	163	6,929	0	0	0	0	7,092
ST	0	0	85	71	0	0	0	0	156
SU	39,263	8	46	105	0	0	0	0	39,422
W	2	30	966	554	2	0	0	0	1,555
TOT	40,268	2,072	4,440	8,386	7	1	1	16,385	71,566

TABLE: JA-2

JAPAN - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT (2ND QTR - 1988)
 (by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Yellowfin Sole	Other Species	Total
W	1	26	2	2	31
TOT	1	26	2	2	31

TABLE: JA-3

JAPAN - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS (2ND QTR - 1988)
(by species/product/metric tonnage)

=====											
Product /Species										**	
Type /	Pollock	Pacific	Other	Atka	Sablefish	Yellowfin	P.O.P.	Other	Unid.	Pacific	TOTAL
		Cod	Flounder	Mackerel	Sole			Species	Species	Herring	
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
F	32	21	0	0	0	0	0	0	0	0	53
FO	0	0	0	0	0	0	0	0	19	0	19
H	0	1,009	0	0	0	0	0	0	279	0	1,288
HG	189	163	65	0	0	0	0	0	0	0	417
M	0	0	0	0	0	0	0	0	820	0	820
O	0	0	0	0	43	0	0	0	0	303	346
R	4	0	0	0	0	0	0	0	0	0	4
S	0	184	0	0	0	85	0	0	0	0	269
SU	3,530	12	0	0	0	0	0	0	0	0	3,542
W	2,220	87	24	157	0	693	13	5	0	1,023	4,222
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOT	5,975	1,476	89	157	43	778	13	5	1,118	1,326	10,980

TABLE: JA-4

JAPAN - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY (2ND QTR - 1988)
(by species/product/metric tonnage)

=====											
Product /Species										**	
Type /	Pollock	Pacific	Other	Atka	Sablefish	Yellowfin	P.O.P.	Other	Unid.	Pacific	TOTAL
		Cod	Flounder	Mackerel	Sole			Species	Species	Herring	
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
F	32	20	0	0	0	0	0	0	0	0	52
H	0	1,009	0	0	0	0	0	0	279	0	1,288
HG	189	159	64	0	0	0	0	0	0	0	412
M	0	0	0	0	0	0	0	0	427	0	427
O	0	0	0	0	43	0	0	0	0	303	346
R	3	0	0	0	0	0	0	0	0	0	3
S	0	184	0	0	0	85	0	0	0	0	269
SU	1,890	12	0	0	0	0	0	0	0	0	1,902
W	2,220	87	24	157	0	693	13	5	0	1,023	4,222
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOT	4,334	1,471	88	157	43	778	13	5	706	1,326	8,921

** U.S. Customs outbound declarations identify Pacific herring contained in tables JA-3 and JA-4 originated in the U.S. inshore herring fisheries in Bristol Bay, Prince William Sound and S.E. Alaska.

TABLE: JA-5

JAPAN - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY (2ND QTR - 1988)
 (by species/product/metric tonnage)

Product /Species
 Type /

	Pollock	Pacific Cod	Other Flounder	Unidentified Species	TOTAL
F	0	1	0	0	1
FO	0	0	0	19	19
HG	0	4	1	0	5
M	0	0	0	392	392
SU	1,641	0	0	0	1,641
TOT	1,641	5	1	411	2,058

TABLE: KS-1

KOREA - TOTAL TRANSFERS (2ND QTR - 1988)
 (by species/product/metric tonnage)

=====										
Product /Species										
Type /										
=====										
	Pollock	Pacific	Other	Yellowfin	Atka	Other	P.O.P.	Other	Unidentified	TOTAL
		Cod	Flounder	Sole	Mackerel	Species		Rockfish	Species	

F	103	0	0	0	0	0	0	0	0	103
FBN	12	0	0	0	0	0	0	0	0	12
FN	313	8	0	0	0	0	0	0	0	321
G	47	0	0	0	0	0	0	0	0	47
H	266	3	0	0	0	0	0	0	0	269
HDS	0	588	0	0	0	0	0	0	0	588
HG	711	1,159	2	20	0	0	0	0	0	1,892
IO	1	22	0	0	0	0	0	0	0	23
M	0	0	0	0	0	0	0	0	2,585	2,585
O	78	2	0	0	0	0	0	0	0	80
R	1	0	0	0	0	0	0	0	0	1
S	40	4	0	578	0	0	0	0	0	622
SU	6,146	0	0	0	0	0	0	0	0	6,146
W	15,437	5,031	3,667	20,990	1,335	268	215	25	0	46,968

TOT	23,155	6,817	3,669	21,588	1,335	268	215	25	2,585	59,657

TABLE: KS-2

KOREA - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT (2ND QTR - 1988)
 (by species/product/metric tonnage)

=====										
Product /Species										
Type /										
=====										

NONE

TABLE: KS-3

KOREA - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS (2ND QTR - 1988)
(by species/product/metric tonnage)

=====										
Product /Species										
Type /										
=====										
	Pollock	Pacific Cod	Other Flounder	Yellowfin Sole	Atka Mackerel	Other Species	P.O.P.	Other Rockfish	Unidentified Species	TOTAL

HG	64	10	0	0	0	0	0	0	0	74
IO	0	1	0	0	0	0	0	0	0	1
M	0	0	0	0	0	0	0	0	41	41
O	10	0	0	0	0	0	0	0	0	10
SU	77	0	0	0	0	0	0	0	0	77
W	6,728	195	221	1,738	229	21	1	14	0	9,147

TOT	6,879	206	221	1,738	229	21	1	14	41	9,350

TABLE: KS-4

KOREA - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY (2ND QTR - 1988)
(by species/product/metric tonnage)

=====						
Product /Species						
Type /						
=====						
	Pollock	Pacific Cod	Other Flounder	Yellowfin Sole	Other Species	TOTAL

HG	30	10	0	0	0	40
IO	1	0	0	0	0	1
O	10	0	0	0	0	10
W	503	0	62	619	4	1,188

TOT	544	10	62	619	4	1,239

TABLE: KS-5

KOREA - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY (2ND QTR - 1988)
 (by species/product/metric tonnage)

Product /Species
 Type /

	Pollock	Pacific Cod	Other Flounder	Yellowfin Sole	Atka Mackerel	Other Species	P.O.P.	Other Rockfish	Unidentified Species	TOTAL
HG	34	0	0	0	0	0	0	0	0	34
M	0	0	0	0	0	0	0	0	41	41
SU	77	0	0	0	0	0	0	0	0	77
W	6,224	195	158	1,119	229	17	1	14	0	7,957
TOT	6,335	195	158	1,119	229	17	1	14	41	8,109

TABLE: UR-1

USSR - TOTAL TRANSFERS (2ND QTR - 1988)
 (by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Other Flounder	Yellowfin Sole	Unidentified Species	TOTAL
CN	0	0	0	1,763	0	1,763
F	0	47	0	0	0	47
FN	0	65	0	0	0	65
FO	0	0	0	0	70	70
G	0	0	234	0	0	234
H	427	0	0	0	0	427
HG	501	3,646	9,549	20,283	0	33,979
HGT	0	189	0	36	0	225
IO	0	0	0	0	4	4
M	0	0	0	0	4,417	4,417
O	0	126	0	0	0	126
R	0	30	0	0	0	30
S	0	0	81	0	0	81
ST	0	0	0	130	0	130
TU	164	0	1,459	2,527	0	4,150
W	138	2	521	42	44	747
TOT	1,230	4,105	11,844	24,781	4,535	46,495

TABLE: UR-2

USSR - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT (2ND QTR - 1988)
 (by species/product/metric tonnage)

Product /Species
 Type /

NONE

TABLE: UR-3

USSR - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS (2ND QTR - 1988)
 (by species/product/metric tonnage)

Product /Species
 Type /

	Pollock	Pacific Cod	Other Flounder	Atka Mackerel	Squid	Pacific Hake	Other Species	Unidentified Species	TOTAL
F	7	24	0	0	0	237	0	0	268
FB	36	0	0	0	0	0	0	0	36
FN	64	0	0	0	0	0	0	0	64
FO	0	0	0	0	0	0	0	98	98
H	1,283	0	0	0	0	0	0	0	1,283
HG	2,635	38	2,126	2	0	3,635	0	0	8,436
HGT	13	8	0	0	0	0	0	0	21
IO	0	0	0	0	0	0	123	0	123
M	0	0	0	0	0	0	0	854	854
MSO	0	0	0	0	4	0	0	0	4
O	41	0	0	0	0	46	123	3,945	4,155
ST	0	3	0	0	0	0	0	0	3
TSO	0	0	0	0	11	0	0	0	11
TU	1,028	0	195	0	0	12	0	0	1,235
W	2,100	0	52	0	0	0	309	0	2,461
TOT	7,207	73	2,373	2	15	3,930	555	4,897	19,052

TABLE: UR-4

USSR - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY (2ND QTR -1988)
 (by species/product/metric tonnage)

=====									
Product /Species									
Type /									
=====									
	Pollock	Pacific	Other	Atka	Squid	Pacific	Other	Unidentified	TOTAL
		Cod	Flounder	Mackerel		Hake	Species	Species	

F	0	24	0	0	0	237	0	0	261
FB	36	0	0	0	0	0	0	0	36
FN	64	0	0	0	0	0	0	0	64
FO	0	0	0	0	0	0	0	98	98
H	1,283	0	0	0	0	0	0	0	1,283
HG	2,581	38	2,126	2	0	3,635	0	0	8,382
HGT	13	8	0	0	0	0	0	0	21
IO	0	0	0	0	0	0	123	0	123
M	0	0	0	0	0	0	0	831	831
MSO	0	0	0	0	4	0	0	0	4
O	41	0	0	0	0	46	123	3,945	4,155
ST	0	3	0	0	0	0	0	0	3
TSO	0	0	0	0	11	0	0	0	11
TU	1,028	0	195	0	0	12	0	0	1,235
W	2,090	0	52	0	0	0	309	0	2,451

TOT	7,136	73	2,373	2	15	3,930	555	4,874	18,958

TABLE: UR-5

USSR - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY (2ND QTR - 1988)
 (by species/product/metric tonnage)

=====			
Product /Species			
Type /			
=====			
	Pollock	Unidentified	TOTAL
		Species	

HG	54	0	54
M	0	23	23
W	11	0	11

TOT	65	23	88

TABLE: PL-1

POLAND - TOTAL TRANSFERS (2ND QTR - 1988)
 (by species/product/metric tonnage)

=====				
Product /Species				
Type /				
=====				
	Pollock	Pacific Cod	Unidentified Species	TOTAL
	-----	-----	-----	-----
F	10	13	0	23
FN	10,263	12	0	10,275
HG	297	0	0	297
M	0	0	6,483	6,483
R	2,251	0	0	2,251
TU	1,728	0	80	1,808
---	-----	-----	-----	-----
TOT	14,549	25	6,563	21,137

TABLE: PL-2

POLAND - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT (2ND QTR - 1988)
 (by species/product/metric tonnage)

=====				
Product /Species				
Type /				
=====				
	Pollock	Pacific Cod	Unidentified Species	TOTAL
	-----	-----	-----	-----
F	5	6	0	11
FN	3,200	2	0	3,202
M	0	0	3,009	3,009
R	2,049	0	0	2,049
TU	600	0	0	600
---	-----	-----	-----	-----
TOT	5,854	8	3,009	8,871

TABLE: PL-3

POLAND - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS (2ND QTR - 1988)
 (by species/product/metric tonnage)

Product /Species
 Type /

	Pollock	Unidentified Species	TOTAL
F	93	0	93
FBN	242	0	242
FN	8,107	0	8,107
HG	508	1	509
M	0	4,921	4,921
O	1	0	1
R	2,047	0	2,047
TU	1,134	155	1,289
TOT	12,132	5,077	17,209

TABLE: PL-4

POLAND - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY (2ND QTR - 1988)
 (by species/product/metric tonnage)

Product /Species
 Type /

	Pollock	Unidentified Species	TOTAL
FN	1,002	0	1,002
M	0	2,043	2,043
R	1,847	0	1,847
TU	47	0	47
TOT	2,896	2,043	4,939

TABLE: PL-5

POLAND - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY (2ND QTR - 1988)
 (by species/product/metric tonnage)

Product /Species

Type /

	Pollock	Unidentified Species	TOTAL
	-----	-----	-----
F	93	0	93
FBN	242	0	242
FN	7,104	0	7,104
HG	508	1	509
M	0	2,878	2,878
O	1	0	1
R	201	0	201
TU	1,087	155	1,242
---	-----	-----	-----
TOT	9,236	3,034	12,270

TABLE: CH-1

CHINA - TOTAL TRANSFERS (2ND QTR - 1988)
(by species/product/metric tonnage)

Product /Species
Type /

	Pollock	Pacific Cod	Other Flounder	Yellowfin Sole	Unidentified Species	TOTAL
F	5	7	0	0	0	12
FN	64	0	0	0	0	64
HG	0	0	785	1,699	0	2,484
M	0	0	0	0	30	30
W	0	0	874	2,834	0	3,708
TOT	69	7	1,659	4,533	30	6,298

TABLE: CH-2

CHINA - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT (2ND QTR - 1988)
(by species/product/metric tonnage)

Product /Species
Type /

NONE

TABLE: CH-3

CHINA - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS (2ND QTR - 1988)
(by species/product/metric tonnage)

Product /Species
Type /

NONE

TABLE: CH-4

CHINA - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY (2ND QTR - 1988)
(by species/product/metric tonnage)

Product /Species
Type /

NONE

TABLE: CH-5

CHINA - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY (2ND QTR - 1988)
(by species/product/metric tonnage)

=====
Product /Species
Type /
=====

NONE