

21-Sep 1989	BERING SEA AND ALEUTIANS: DAP CATCHES THROUGH:				CURRENT APPORTIONMENTS AND CURRENT CATCHES 09-Sep JVP CATCHES THROUGH 15-Sep				
SPECIES	CURRENT APPORT.		CURRENT CATCHES		SPECIES	CURRENT APPORT.		CURRENT CATCHES	
POLLOCK (BER. SEA)	CTAC	1,313,000	TOTAL	750,857	POP (AL. IS.)	CTAC	5,100	TOTAL	1,308
	DAP	1,045,585	DAP	547,308		DAP	5,100	DAP	1,308
ABC= 1,340,000	JVP	267,415	JVP	103,549	ABC= 16,600	JVP	0	JVP	0
OTAC= 1,340,000	*RES*	27,000	REMAIN.	562,143	OTAC= 6,000	*RES*	900	REMAIN.	2,792
POLLOCK (AL. IS.)	CTAC	11,432	TOTAL	1,684	ROCKFISH (BER. SEA)	CTAC	340	TOTAL	324
	DAP	11,432	DAP	1,684		DAP	340	DAP	314
ABC= 117,900	JVP	0	JVP	0	ABC= 400	JVP	0	JVP	10
OTAC= 45,000	*RES*	2,018	REMAIN.	9,748	OTAC= 400	*RES*	60	REMAIN.	16
YELLOWFIN SOLE	CTAC	193,952	TOTAL	129,186	ROCKFISH (AL. IS.)	CTAC	335	TOTAL	534
	DAP	21,274	DAP	3,992		DAP	335	DAP	534
ABC= 241,000	JVP	172,678	JVP	125,194	ABC= 1,100	JVP	0	JVP	0
OTAC= 182,675	*RES*	0	REMAIN.	64,766	OTAC= 1,100	*RES*	0	REMAIN.	401
GREENLAND TURBOT	CTAC	6,800	TOTAL	5,571	SABLEFISH (BER. SEA)	CTAC	2,380	TOTAL	466
	DAP	6,600	DAP	5,570		DAP	2,380	DAP	463
ABC= 20,300	JVP	200	JVP	1	ABC= 2,800	JVP	0	JVP	2
OTAC= 6,000	*RES*	1,200	REMAIN.	1,229	OTAC= 2,800	*RES*	420	REMAIN.	1,914
ARROWTOOTH FLOUNDER	CTAC	5,800	TOTAL	3,440	SABLEFISH (AL. IS.)	CTAC	2,890	TOTAL	2,599
	DAP	5,100	DAP	2,813		DAP	2,890	DAP	2,599
ABC= 163,700	JVP	700	JVP	627	ABC= 3,400	JVP	0	JVP	0
OTAC= 5,531	*RES*	200	REMAIN.	2,360	OTAC= 3,400	*RES*	510	REMAIN.	291
OTHER FLOUNDERS	CTAC	63,906	TOTAL	20,036	ATKA MACKEREL	CTAC	20,285	TOTAL	16,255
	DAP	8,906	DAP	7,392		DAP	20,285	DAP	16,234
ABC= 155,900	JVP	55,000	JVP	12,644	ABC= 21,000	JVP	0	JVP	21
OTAC= 75,183	*RES*	0	REMAIN.	43,870	OTAC= 20,285	*RES*	0	REMAIN.	4,030
ROCK SOLE	CTAC	77,148	TOTAL	46,052	SQUID	CTAC	875	TOTAL	178
	DAP	42,543	DAP	31,410		DAP	850	DAP	175
ABC= 17,100	JVP	34,605	JVP	14,642	ABC= 10,000	JVP	25	JVP	3
OTAC= 90,762	*RES*	13,614	REMAIN.	31,096	OTAC= 1,000	*RES*	125	REMAIN.	697
PACIFIC COD	CTAC	226,079	TOTAL	129,144	OTHER SPECIES	CTAC	15,274	TOTAL	4,595
	DAP	158,613	DAP	92,518		DAP	11,274	DAP	2,242
ABC= 370,600	JVP	67,466	JVP	36,626	ABC= 10,000	JVP	4,000	JVP	2,353
OTAC= 230,681	*RES*	4,602	REMAIN.	96,335	OTAC= 10,000	*RES*	(2,010)	REMAIN.	10,679
POP (BERING SEA)	CTAC	4,250	TOTAL	1,384	TOTAL	CTAC	1,950,446	TOTAL	1,114,613
	DAP	4,250	DAP	1,376		DAP	1,348,357	DAP	818,332
ABC= 6,000	JVP	0	JVP	8	ABC= 2,000,000	JVP	602,089	JVP	295,681
OTAC= 5,000	*RES*	750	REMAIN.	2,866	TAC= 2,000,000	RESERVE	49,554	REMAIN.	835,833

CTAC = CURRENT TOTAL ALLOWABLE CATCH
TOTAL = TOTAL CATCH: DAP + JVP
RES = OTAC (ORIGINAL TAC) MINUS CTAC
REMAIN = CTAC - TOTAL CATCH

REMAINDER PLUS RESERVE GIVES TOTAL REMAINDER: 985,387

22-Sep 1989

GULF OF ALASKA
DAP CATCHES THROUGH:CURRENT APPORTIONMENTS AND CURRENT CATCHES
09-Sep

SPECIES	CURRENT APPORT.	CURRENT CATCHES	SPECIES	CURRENT APPORT.	CURRENT CATCHES
POLLOCK (WESTERN/CENTRAL)	TAC 65,750 DAP 65,750 JVP 0 RES 0	TOTAL 57,220 DAP 57,220 JVP 0 REMAIN. 8,530	SABLEFISH (EASTERN)	TAC 10,530 DAP 10,530 JVP 0 RES 0	TOTAL 11,530 DAP 11,530 JVP 0 REMAIN. 1,530
ABC= 50,000			ABC= 12,100		
POLLOCK (SHELKOF STRAIT)	TAC 6,250 DAP 6,250 JVP 0 RES 0	TOTAL 6,425 DAP 6,425 JVP 0 REMAIN. (175)	OTHER ROCKFISH (WESTERN)	TAC 5,774 DAP 5,774 JVP 0 RES 0	TOTAL 4,144 DAP 4,144 JVP 0 REMAIN. 1,630
ABC= N/A			ABC= 5,774		
POLLOCK (EASTERN)	TAC 200 DAP 200 JVP 0 RES 0	TOTAL 63 DAP 63 JVP 0 REMAIN. 137	OTHER ROCKFISH (CENTRAL)	TAC 8,452 DAP 8,452 JVP 0 RES 0	TOTAL 8,360 DAP 8,360 JVP 0 REMAIN. 92
ABC= 3,400			ABC= 8,452		
PACIFIC COD (WESTERN)	TAC 13,500 DAP 13,500 JVP 0 RES 0	TOTAL 13,591 DAP 13,591 JVP 0 REMAIN. (91)	OTHER ROCKFISH (EASTERN)	TAC 5,774 DAP 5,774 JVP 0 RES 0	TOTAL 6,353 DAP 6,353 JVP 0 REMAIN. (579)
ABC= 13,500			ABC= 5,774		
PACIFIC COD (CENTRAL)	TAC 52,000 DAP 52,000 JVP 0 RES 0	TOTAL 26,122 DAP 26,122 JVP 0 REMAIN. 25,878	PELAGIC SHELF ROCKFISH (WESTERN)	TAC 500 DAP 500 JVP 0 RES 0	TOTAL 110 DAP 110 JVP 0 REMAIN. 390
ABC= 52,000			ABC= 1,000		
PACIFIC COD (EASTERN)	TAC 5,700 DAP 5,700 JVP 0 RES 0	TOTAL 52 DAP 52 JVP 0 REMAIN. 5,648	PELAGIC SHELF ROCKFISH (CENTRAL)	TAC 2,400 DAP 2,400 JVP 0 RES 0	TOTAL 110 DAP 110 JVP 0 REMAIN. 1,527
ABC= 5,700			ABC= 4,800		
FLOUNDERS (WESTERN)	TAC 3,200 DAP 3,200 JVP 0 RES 0	TOTAL 803 DAP 803 JVP 0 REMAIN. 2,397	PELAGIC SHELF ROCKFISH (EASTERN)	TAC 400 DAP 400 JVP 0 RES 0	TOTAL 739 DAP 739 JVP 0 REMAIN. (339)
ABC= 111,500			ABC= 800		
FLOUNDERS (CENTRAL)	TAC 31,800 DAP 21,800 JVP 10,000 RES 0	TOTAL 9,440 DAP 9,440 JVP 0 REMAIN. 22,360	DEMERSAL SHELF ROCKFISH (SE OUTSIDE)	TAC 420 DAP 420 JVP 0 RES 0	TOTAL 329 DAP 329 JVP 0 REMAIN. 91
ABC= 384,300			ABC= N/A		
FLOUNDERS (EASTERN)	TAC 1,000 DAP 1,000 JVP 0 RES 0	TOTAL 970 DAP 970 JVP 0 REMAIN. 30	THORNYHEADS (GULF-WIDE)	TAC 3,800 DAP 3,800 JVP 0 RES 0	TOTAL 3,077 DAP 3,077 JVP 0 REMAIN. 723
ABC= 58,900			ABC= 3,800		
SABLEFISH (WESTERN)	TAC 3,770 DAP 3,770 JVP 0 RES 0	TOTAL 4,117 DAP 4,117 JVP 0 REMAIN. (347)	OTHER SPECIES	TAC 11,046 DAP 11,046 JVP 0 RES 0	TOTAL 1,650 DAP 1,650 JVP 0 REMAIN. 9,396
ABC= 4,900					
SABLEFISH (CENTRAL)	TAC 11,700 DAP 11,700 JVP 0 RES 0	TOTAL 12,240 DAP 12,240 JVP 0 REMAIN. (540)	TOTAL	TAC 243,966 DAP 223,966 JVP 10,000 RES 0	TOTAL 168,021 DAP 168,021 JVP 0 REMAIN. 75,942
ABC= 13,900			ABC= 750,600		

CTAC = CURRENT TOTAL ALLOWABLE CATCH
TOTAL = TOTAL CATCH: DAP + JVP*RES* = OTAC (ORIGINAL TAC) MINUS CTAC
REMAIN = CTAC - TOTAL CATCH

12-Sep-89 STATUS OF BSA PROHIBITED SPECIES QUOTAS
 DAP CATCH THROUGH: 26-Aug-89
 JVP CATCH THROUGH: 09-Sep-89

*****FISHERY		***** PSC SPECIE*****					
TYPE	TARGET	AREA	PROHIB SP	CATCH	QUOTA	PERCENT TAKEN	CLOSURE
DAF	YF/FF/RS	ZONE 1	RED KING	66,188	50,579	131%	03-Sep-89
DAF	YF/FF/RS	ZONE 1	C. BAIRDI	64,849	86,970	75%	
DAF	YF/FF/RS	ZONE 2	C. BAIRDI	7,965	260,910	3%	
DAF	YF/FF/RS	BSA	HALIBUT 1o	159	231	69%	
DAF	YF/FF/RS	BSA	HALIBUT 2o	159	270	59%	
DAF	OTHER	ZONE 1	RED KING	34,170	20,879	164%	03-Sep-89
DAF	OTHER	ZONE 1	C. BAIRDI	120,593	609,519	20%	
DAF	OTHER	ZONE 2	C. BAIRDI	358,300	1,828,558	20%	
DAF	OTHER	BSA	HALIBUT 1o	1,973	3,358	59%	
DAF	OTHER	BSA	HALIBUT 2o	1,973	4,081	48%	
DAF	OTHER	PT. MOL.	RED KING	13,940	12,000	116%	14-Jul-89
JVP	YF/FF/RS	ZONE 1	RED KING	176,645	128,410	138%	03-Sep-89
JVP	YF/FF/RS	ZONE 1	C. BAIRDI	130,155	93,359	139%	03-Sep-89
JVP	YF/FF/RS	ZONE 2	C. BAIRDI	48,430	280,077	17%	
JVP	YF/FF/RS	BSA	HALIBUT 1o	170	396	43%	
JVP	YF/FF/RS	BSA	HALIBUT 2o	170	427	40%	
JVP	OTHER	ZONE 1	RED KING	137	132	104%	03-Sep-89
JVP	OTHER	ZONE 1	C. BAIRDI	18,488	210,152	9%	
JVP	OTHER	ZONE 2	C. BAIRDI	43,254	630,455	7%	
JVP	OTHER	BSA	HALIBUT 1o	327	415	79%	
JVP	OTHER	BSA	HALIBUT 2o	327	555	59%	

STATUS OF BSA PROHIBITED SPECIES CAPS

REPORT DATE:
18-Sep-89

DAF CATCH THROUGH: 26-Aug-89
JVP CATCH THROUGH: 09-Sep-89

***** FISHERY ***** *****PSC SPECIES*****

TYPE	TARGET	AREA	PROHIB SP	CATCH	QUOTA/CAP	REMAINDER
JVP	YF/FF/RS	ZONE 1	RED KING	176,645	128,410	(48,235)
JVP	OTHER	ZONE 1	RED KING	137	132	(5)
DAF	YF/FF/RS	ZONE 1	RED KING	66,188	50,579	(15,609)
DAF	OTHER	ZONE 1	RED KING	34,170	20,879	(13,291)
		ZONE 1	RED KING	277,140	200,000	(77,140)
JVP	YF/FF/RS	ZONE 1	C. BAIRDI	130,155	93,359	(36,796)
JVP	OTHER	ZONE 1	C. BAIRDI	18,488	210,152	191,664
DAF	YF/FF/RS	ZONE 1	C. BAIRDI	64,849	86,970	22,121
DAF	OTHER	ZONE 1	C. BAIRDI	120,593	609,519	488,926
		ZONE 1	C. BAIRDI	334,085	1,000,000	665,915
JVP	YF/FF/RS	ZONE 2	C. BAIRDI	48,430	280,077	231,647
JVP	OTHER	ZONE 2	C. BAIRDI	43,254	630,455	587,201
DAF	YF/FF/RS	ZONE 2	C. BAIRDI	7,965	260,910	252,945
DAF	OTHER	ZONE 2	C. BAIRDI	358,300	1,828,558	1,470,258
		ZONE 2	C. BAIRDI	457,949	3,000,000	2,542,051
JVP	YF/FF/RS	BSA	HALIBUT 1o	170	396	226
JVP	OTHER	BSA	HALIBUT 1o	327	415	88
DAF	YF/FF/RS	BSA	HALIBUT 1o	159	231	72
DAF	OTHER	BSA	HALIBUT 1o	1,973	3,358	1,385
		BSA	HALIBUT 1o	2,629	4,400	1,771
JVP	YF/FF/RS	BSA	HALIBUT 2o	170	427	257
JVP	OTHER	BSA	HALIBUT 2o	327	555	228
DAF	YF/FF/RS	BSA	HALIBUT 2o	159	270	111
DAF	OTHER	BSA	HALIBUT 2o	1,973	4,081	2,108
		BSA	HALIBUT 2o	2,629	5,333	2,704

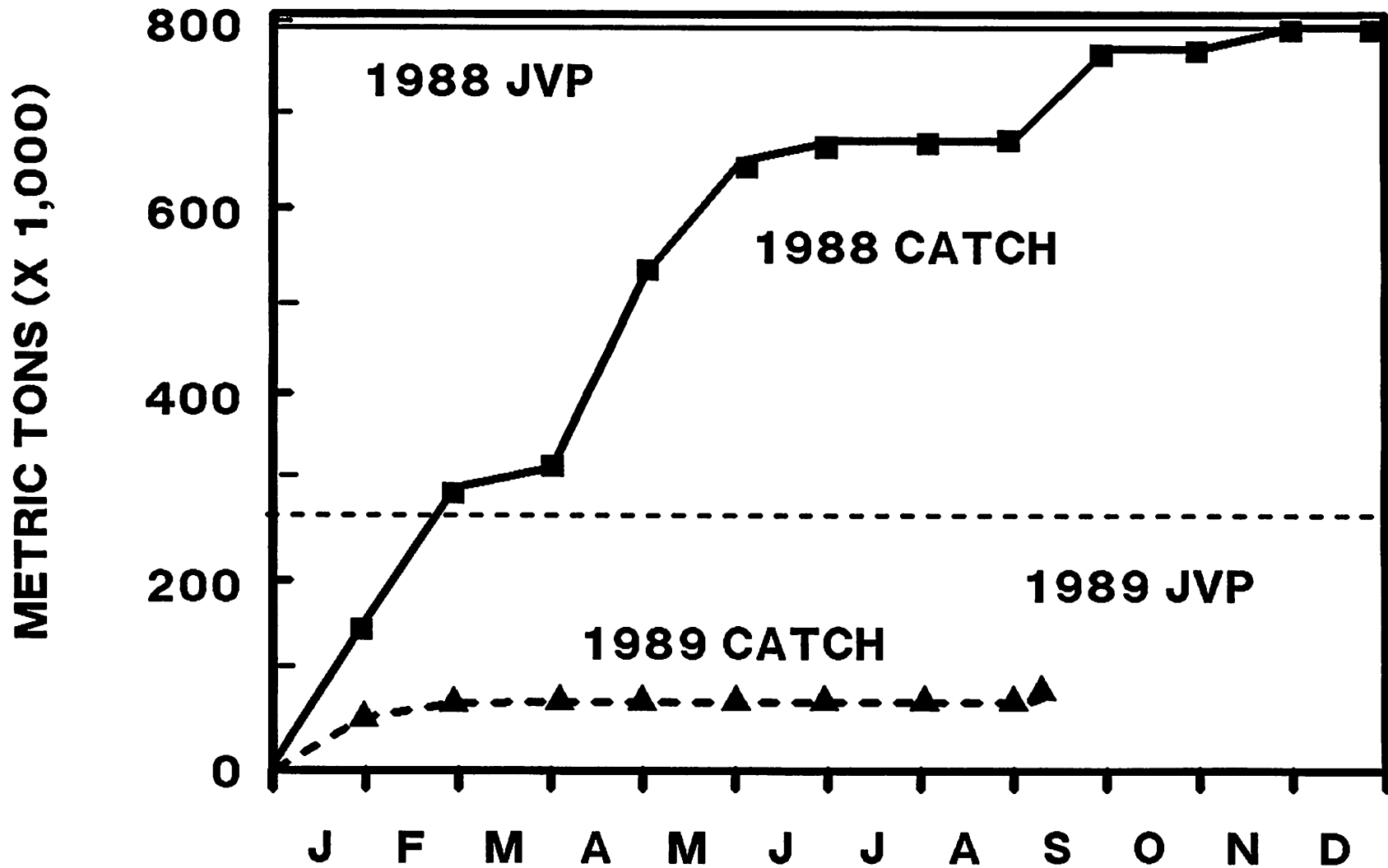
1989 FEDERAL GROUND FISH FISHERIES OFF ALASKA
 DOMESTIC and JOINT VENTURE CLOSURES

* Contact ADF&G for state waters closures

AREA	SUB- AREA(S)	TYPE	GEAR	SPECIES	STATUS	EFFECT FROM	DATES TO
BS	51 - 53	JVP	TRAWL	POLLOCK	BYCATCH	01/21	09/02
BS	51 - 53	DAF	ALL	SABLEFISH	BYCATCH	02/05	10/20
BSAI	51 - 54	JVP	TRAWL	PACIFIC COD	BYCATCH	02/11	09/03
GOA	ALL	DAF	TRAWL	SABLEFISH	BYCATCH	02/11	12/31
BSAI	51 - 54	JVP	TRAWL	ROCK SOLE	BYCATCH	02/21	03/08
BSAI	51 - 54	JVP	TRAWL	YF. SOLE	BYCATCH	03/01	03/12
BSAI	51 - 54	JVP	TRAWL	ROCK SOLE	PSC	03/08	09/03
BSAI	51 - 54	JVP	TRAWL	YF. SOLE	PSC	03/12	09/03
BSAI	51 - 54	JVP	TRAWL	FLATFISH	PSC	03/12	09/03
GOA	621	DAH	ALL	POLLOCK	PSC	03/21	09/15
GOA	61,62,63	DAH	ALL	POLLOCK	PSC	03/23	09/15
GOA	64	DAH	TRAWL	SABLEFISH	PSC	04/12	12/31
GOA	64,65	DAH	LLINE	SABLEFISH	PSC	04/17	05/03
GOA	65,68	DAH	TRAWL	SABLEFISH	PSC	04/25	12/31
GOA	65,68	DAH	LLINE	SABLEFISH	BYCATCH	05/03	12/31
GOA	64	DAH	LLINE	SABLEFISH	BYCATCH	05/10	06/09
GOA	62,63	DAH	LLINE	SABLEFISH	BYCATCH	05/27	06/29
GOA	62,63	DAH	TRAWL	SABLEFISH	PSC	06/06	12/31
GOA	64	DAH	LLINE	SABLEFISH	PSC	06/09	12/31
GOA	64,64,68	DAH	ALL	PEL. SHELF. ROCK	PSC	06/13	12/31
GOA	64,64,68	DAH	ALL	OTHER ROCKFISH	PSC	06/19	12/31
GOA	62,63	DAH	LLINE	SABLEFISH	PSC	06/29	12/31
GOA	62,63	DAH	ALL	OTHER ROCKFISH	PSC	07/05	12/31
GOA	61	DAH	LLINE	SABLEFISH	PSC	07/13	12/31
BS	512	DAH	TRAWL	ALL		07/14	12/31
AL	54	DAH	ALL	SABLEFISH	BYCATCH	07/30	10/20
GOA	61	DAH	TRAWL	SABLEFISH	PSC	08/10	12/31
GOA	ALL	ALL	BOT. TRL.	ALL		09/02	12/31
BSA	ZONE 1	DAF	ALL	YFIN/FLAT/RSOLE	BYCATCH	09/03	12/31
BSA	ZONE 1	DAF	BOT. TRL.	POLLOCK/P. COD	BYCATCH	09/03	12/31
BSA	ZONE 1	JVP	ALL	YFIN/FLAT/RSOLE	BYCATCH	09/03	12/31
BSA	ZONE 1	JVP	BOT. TRL.	POLLOCK/P. COD	BYCATCH	09/03	12/31
BSAI	51 - 54	JVP	TRAWL	ROCK SOLE	BYCATCH	09/03	12/31
BSAI	51 - 54	JVP	TRAWL	GR. TURBOT	BYCATCH	09/23	12/31

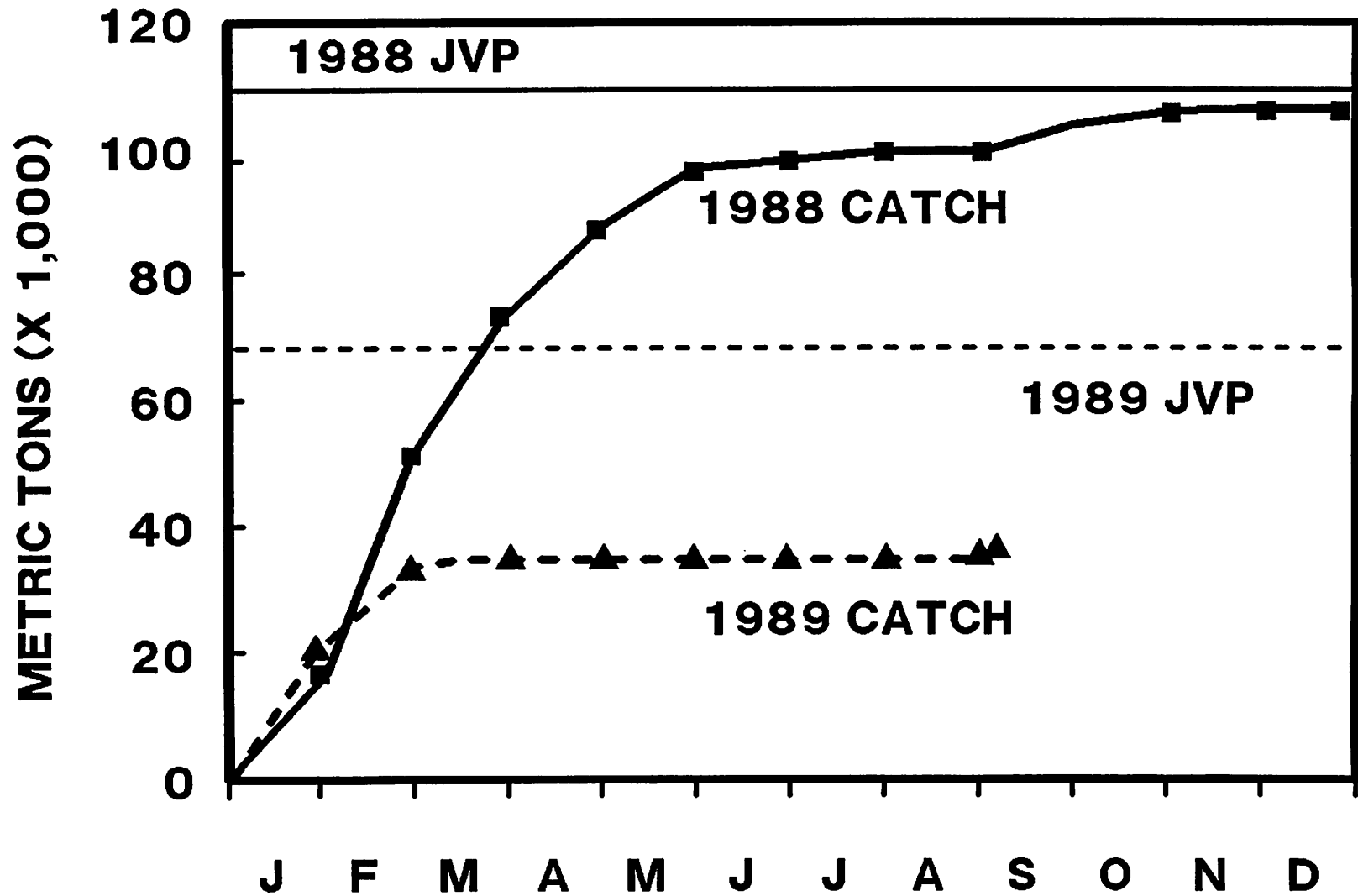
JVP CATCH

BERING SEA POLLOCK



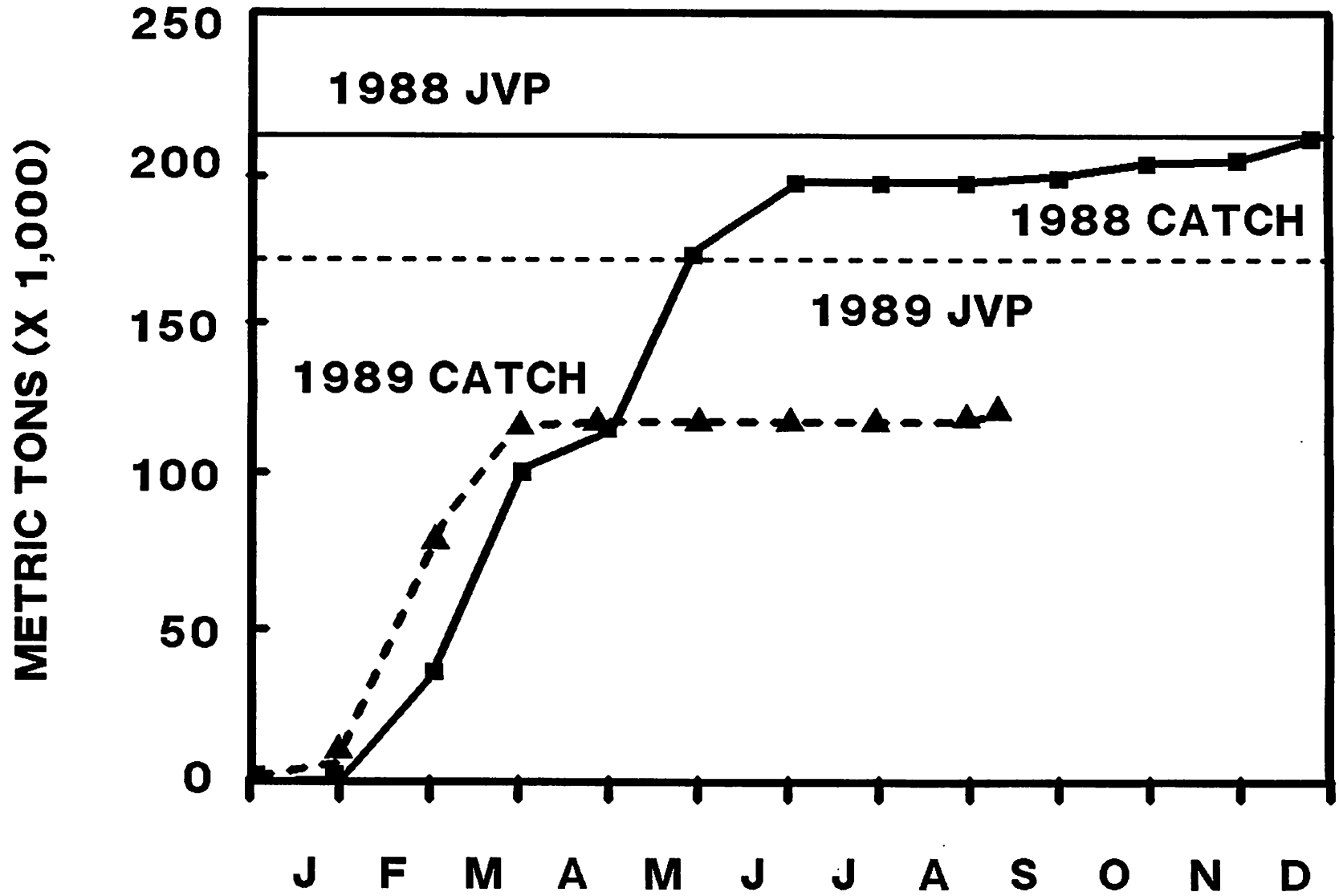
JVP CATCH

BSAI PACIFIC COD



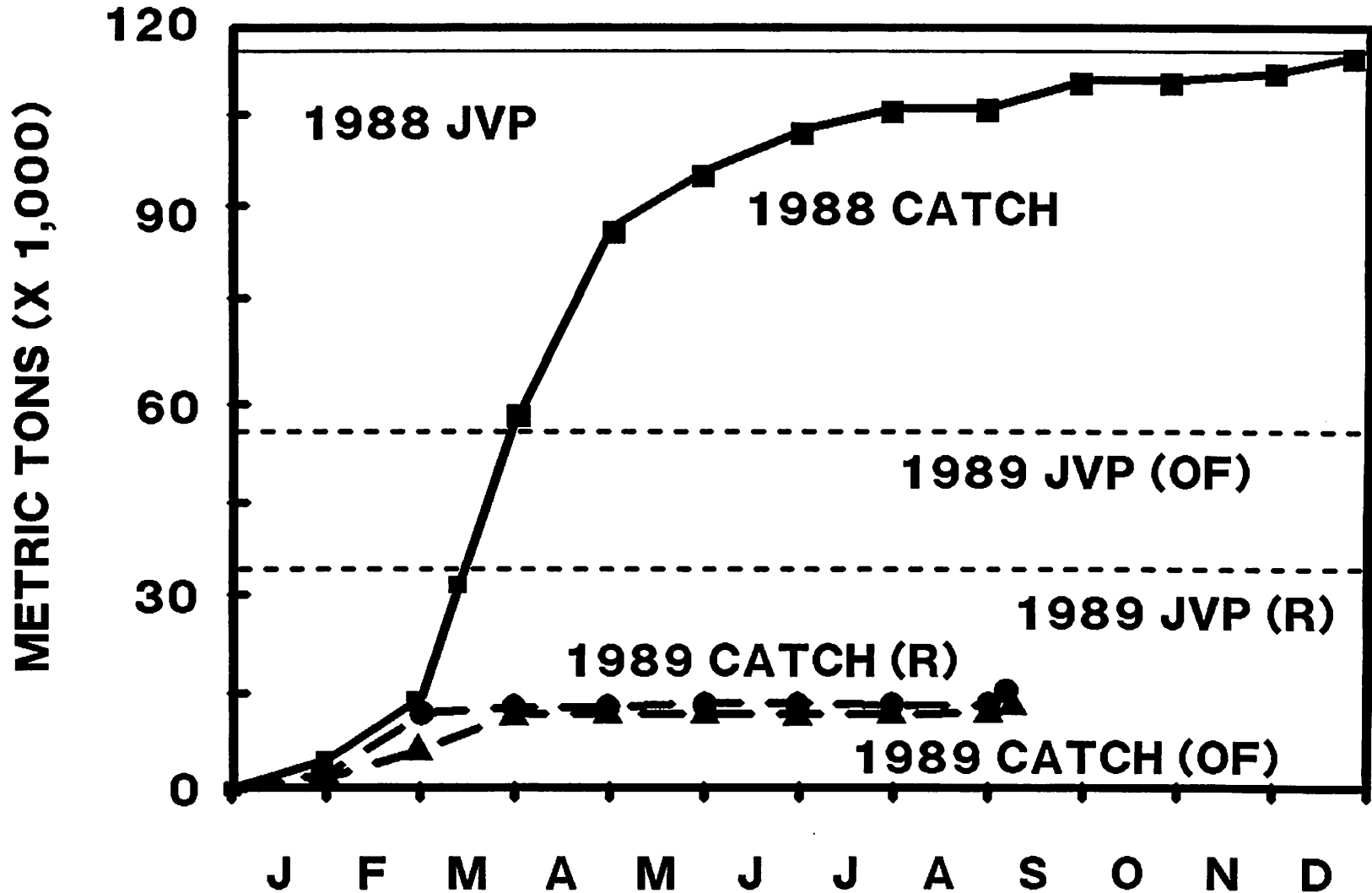
JVP CATCH

BSAI YELLOWFIN SOLE



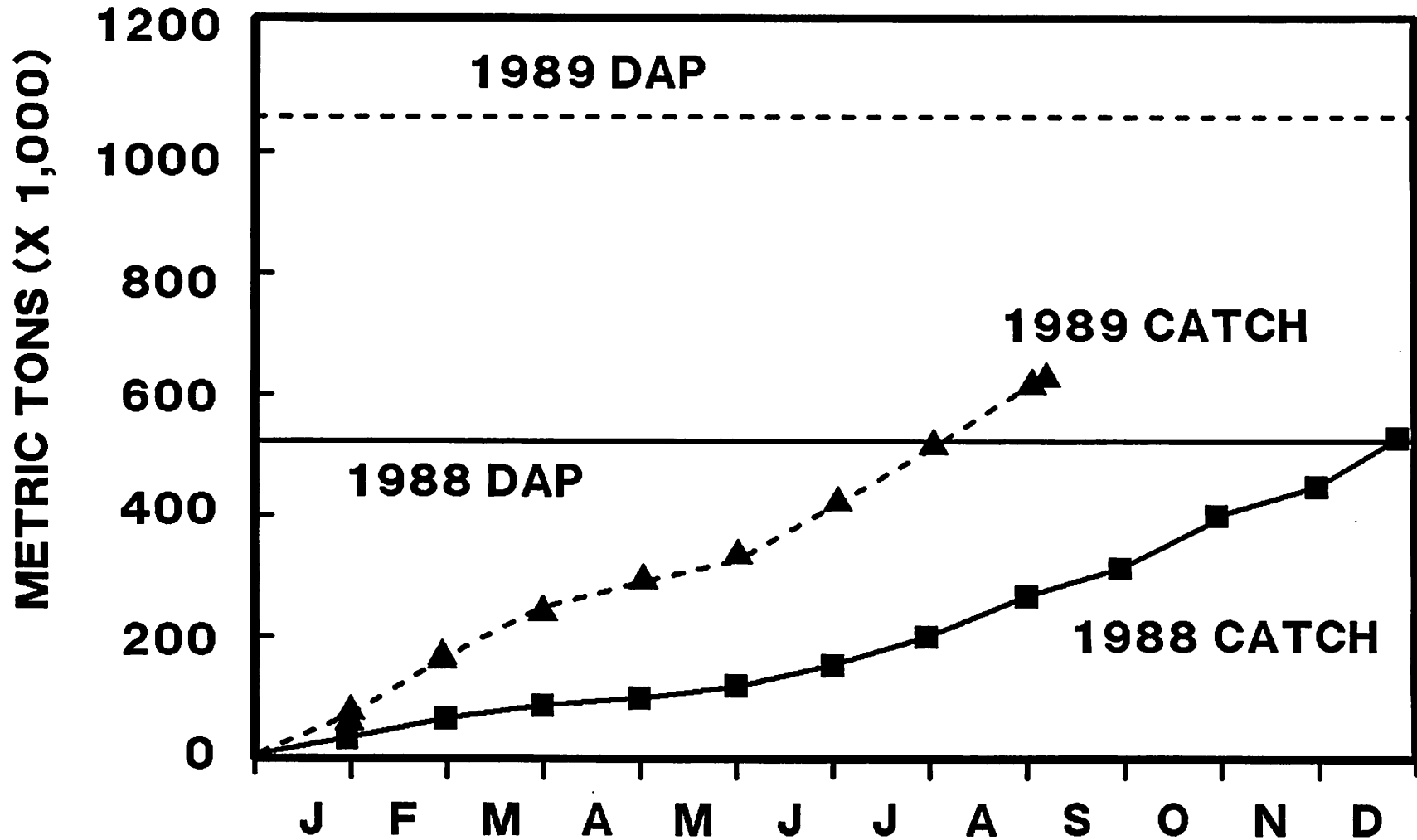
JVP CATCH

BSAI "OTHER FLATFISH" / ROCK SOLE



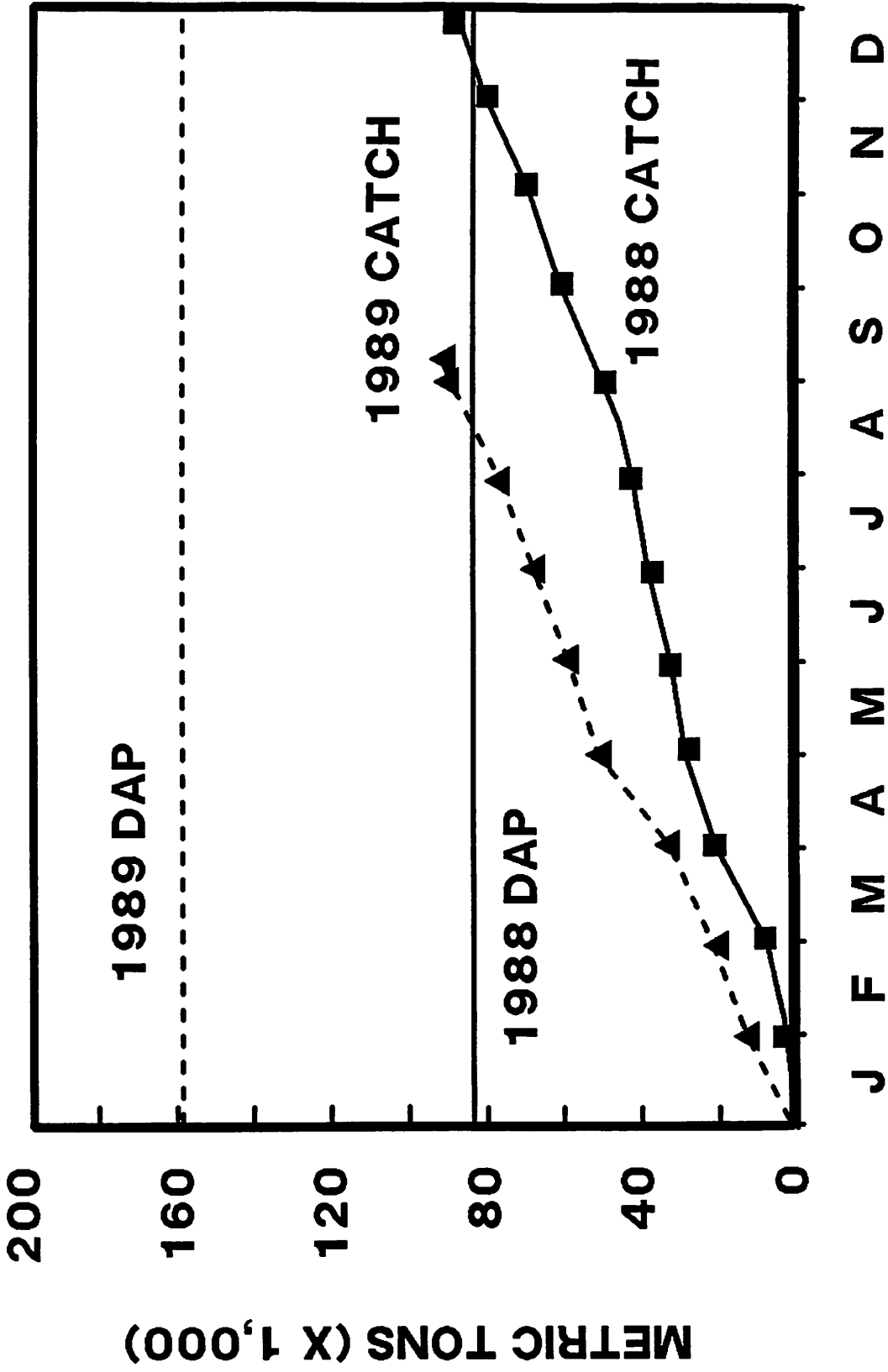
DAP CATCH

BSAI POLLOCK



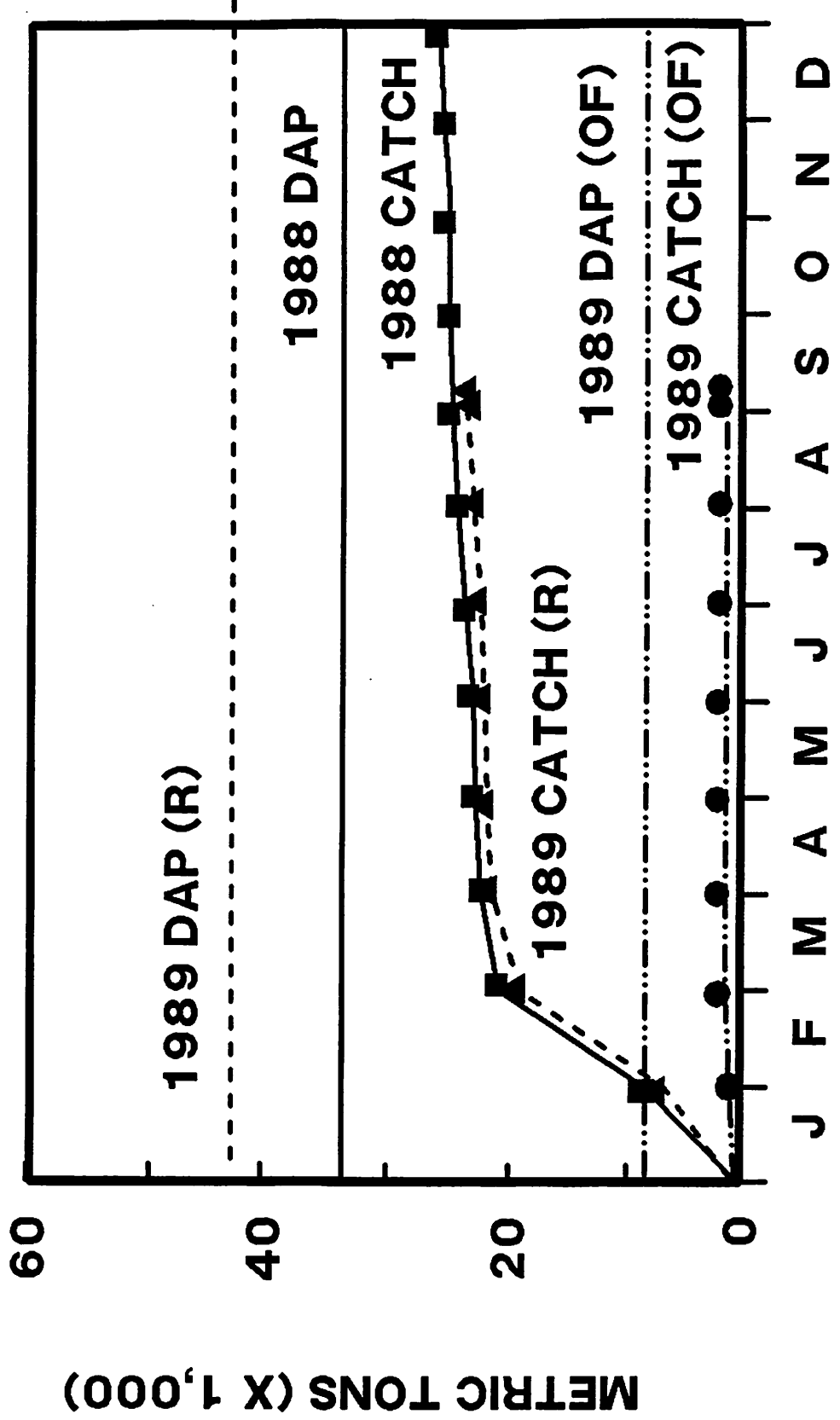
DAP CATCH

BSAI PACIFIC COD



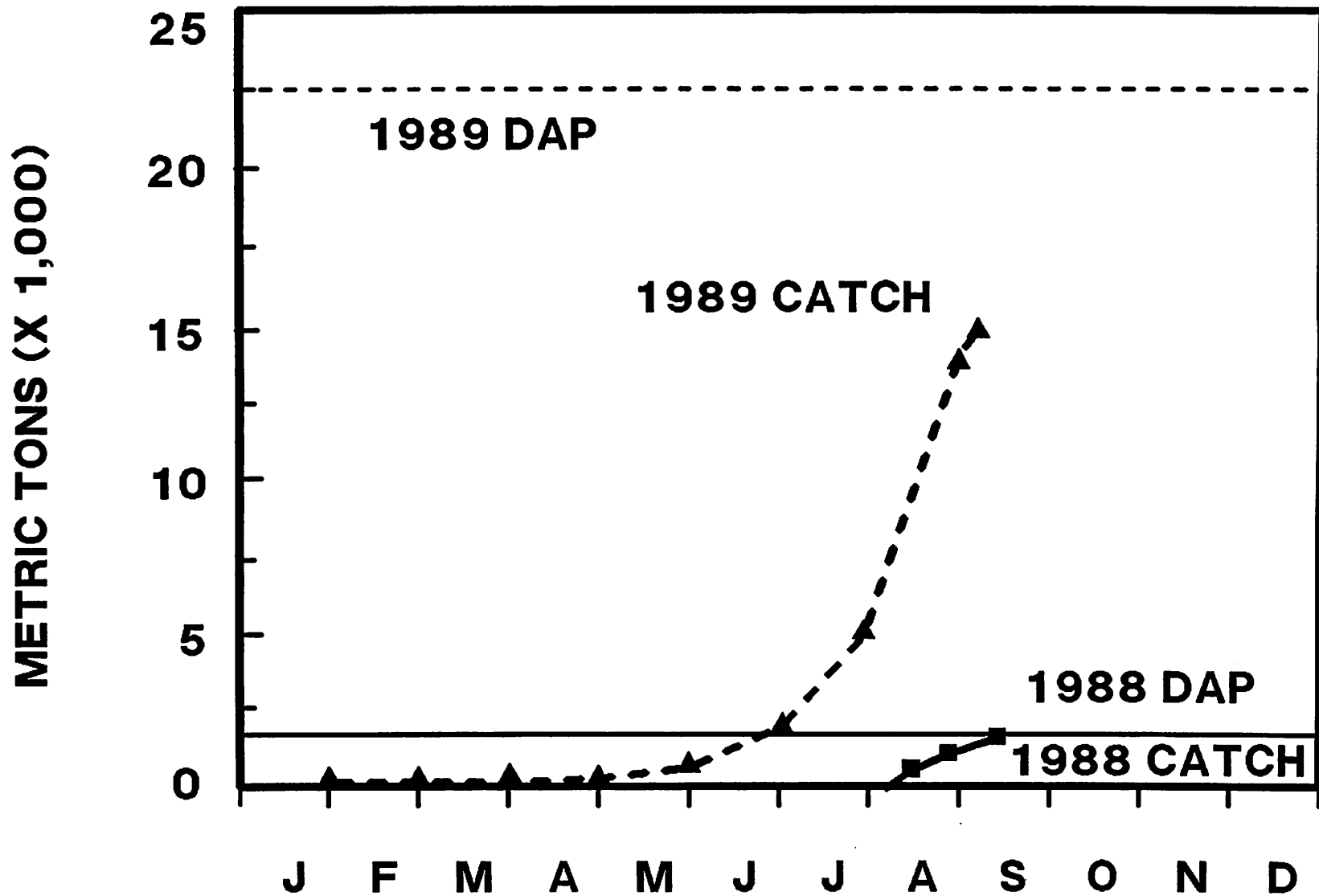
DAP CATCH

BSAI "OTHER FLATFISH" / ROCK SOLE



DAP CATCH

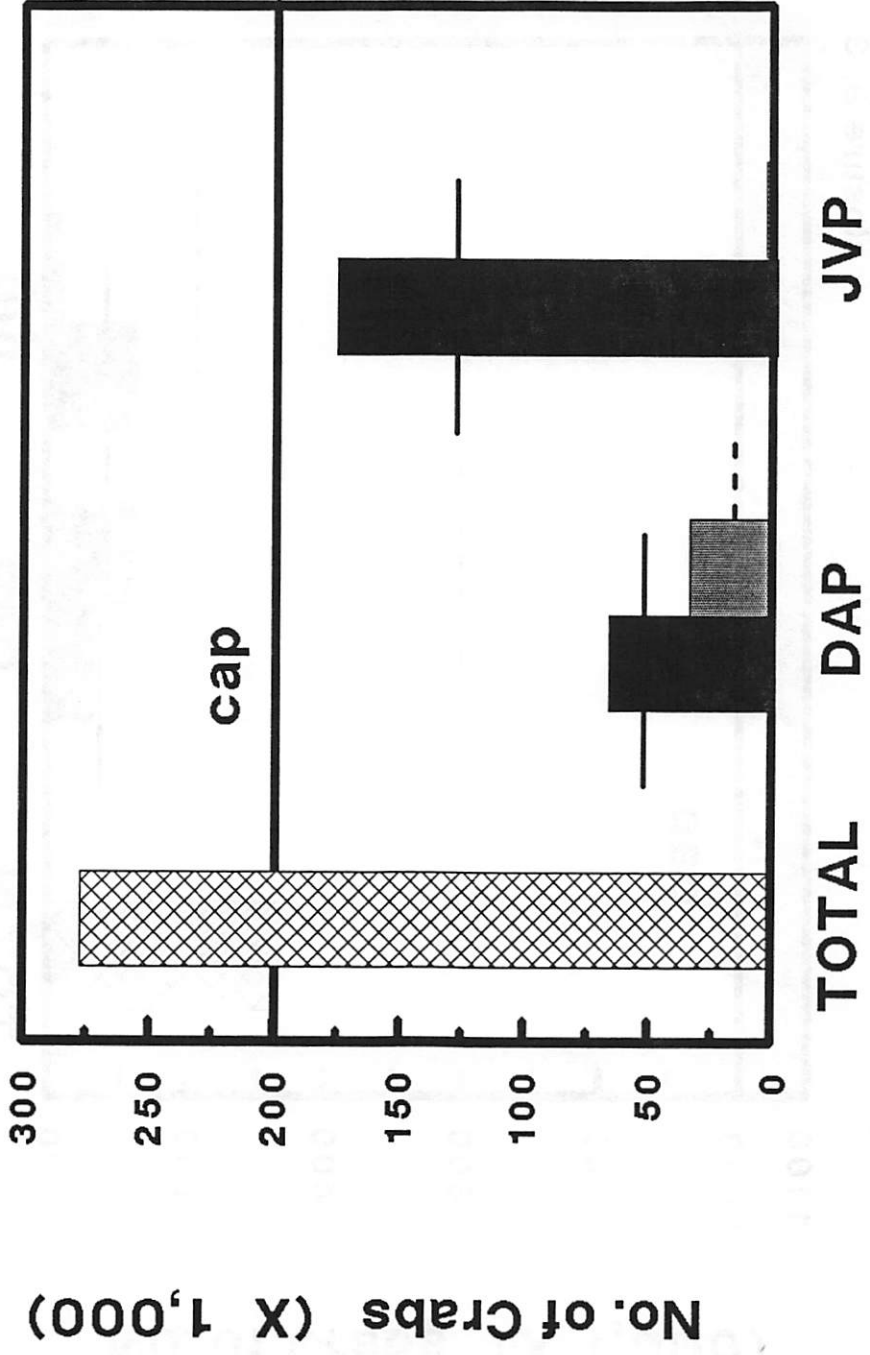
BSAI ATKA MACKEREL



Red King Crab Bycatch; by Fishery

ZONE 1

closure 9/3

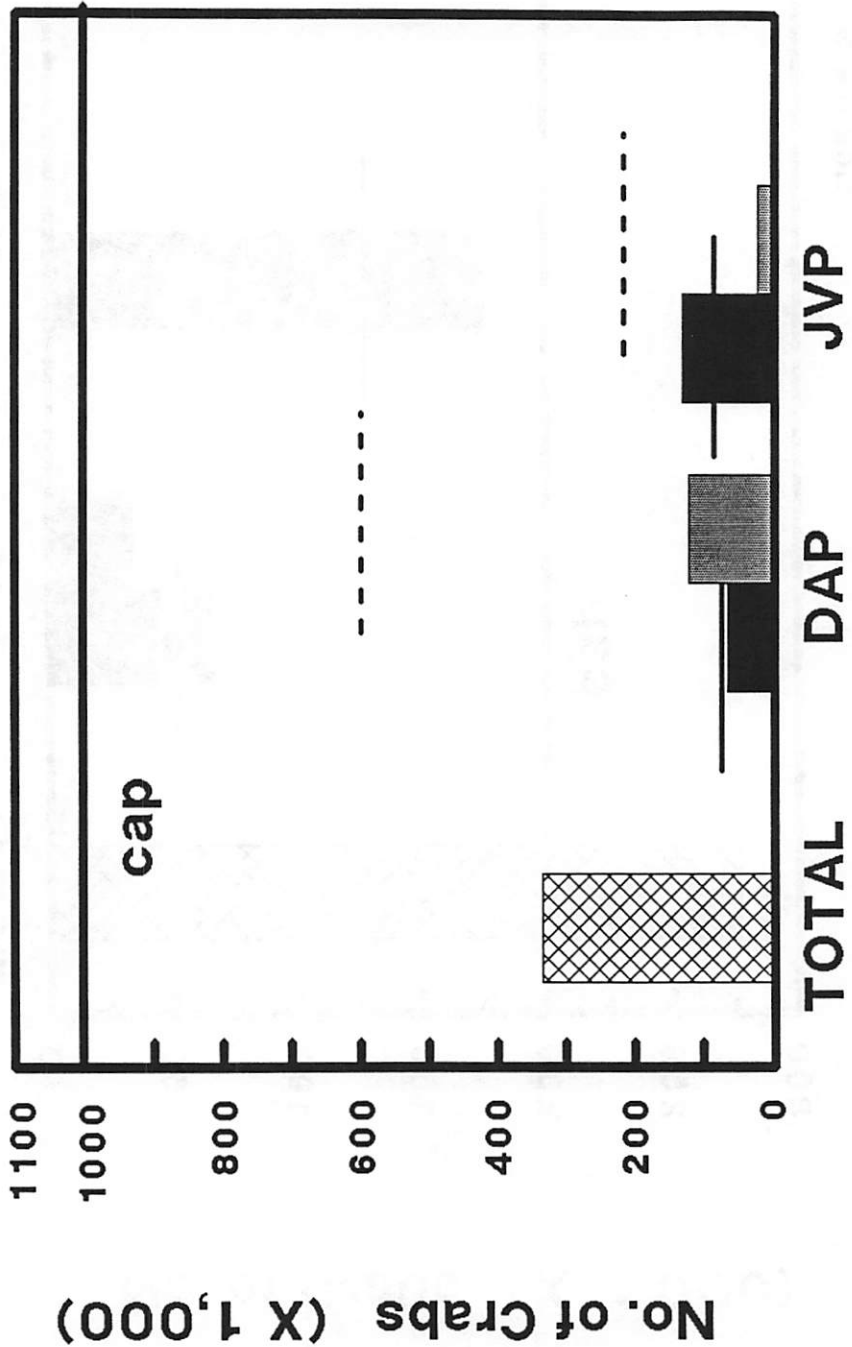


flat = yfinsole/rock sole/other flatfish
 oth = all other target fisheries

Bairdi Tanner Crab Bycatch; by fishery

ZONE 1

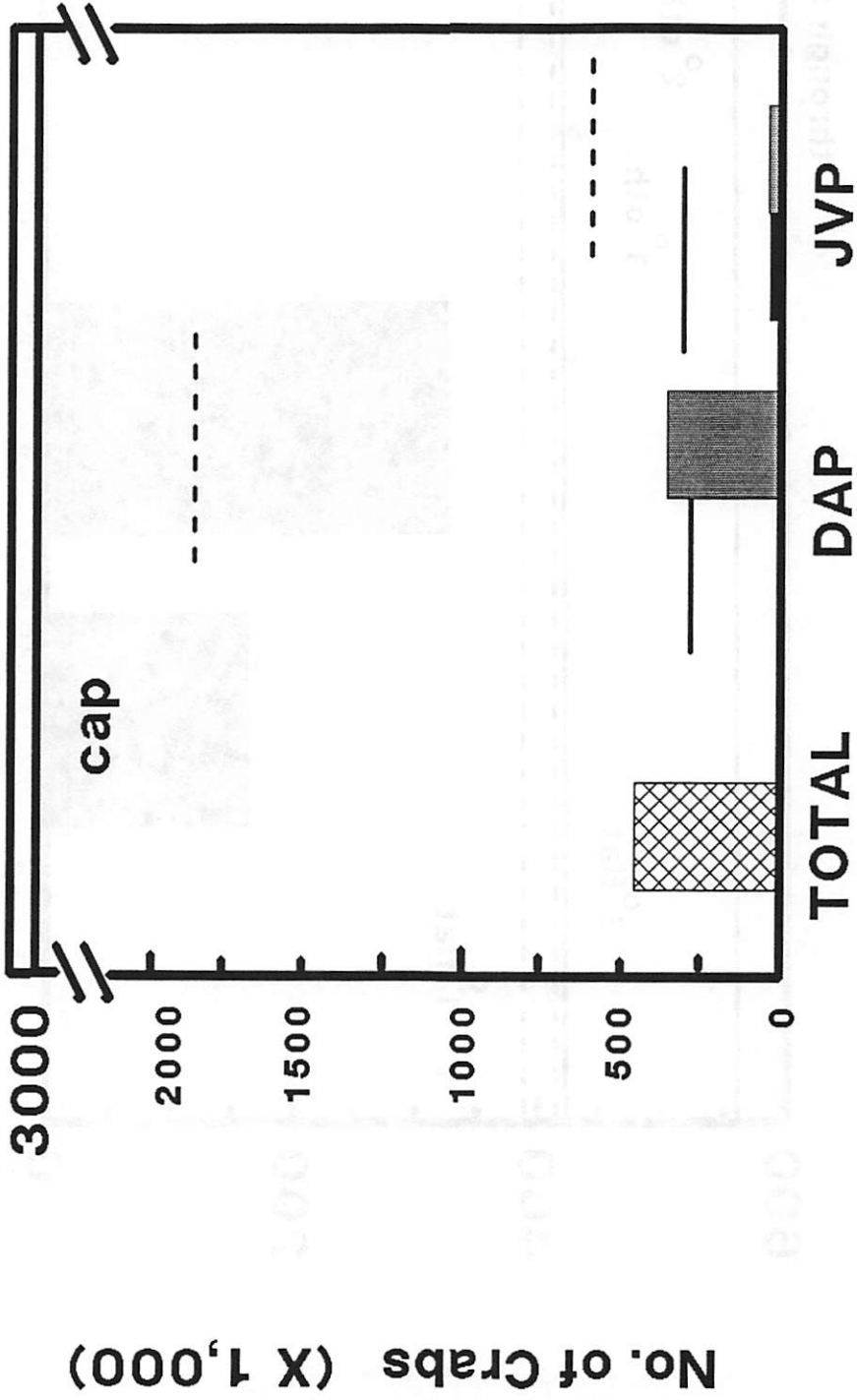
closure 9/3



flat = yfinsole/rock sole/other flatfish
 oth = all other target fisheries

Bairdi Tanner Crab Bycatch; by fishery

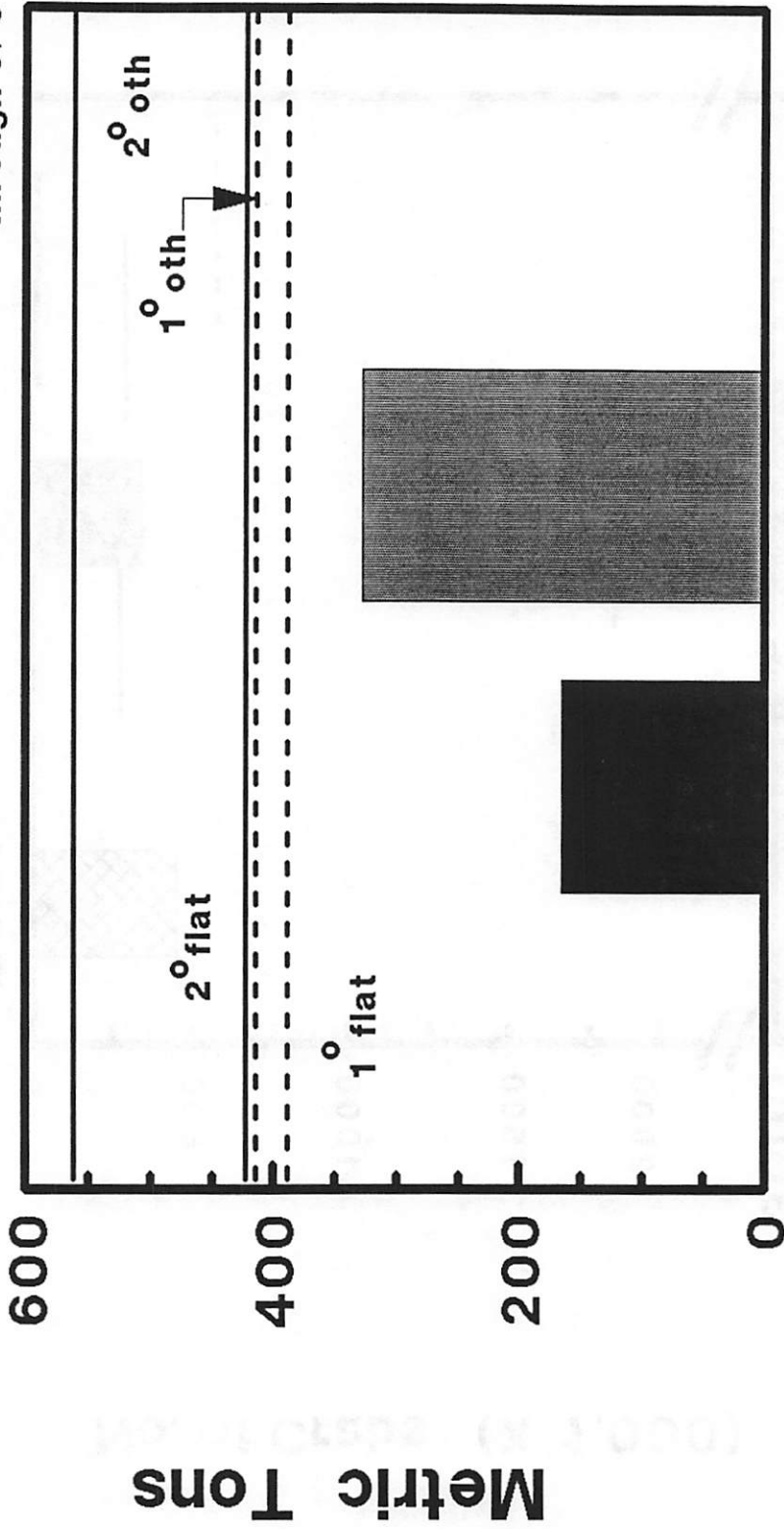
ZONE 2



flat = yfinsole/rock sole/other flatfish
oth = all other target fisheries

JVP Halibut Bycatch BSAI

through 9/9



flat = yfinsole/rock sole/other flatfish

oth = all other target fisheries

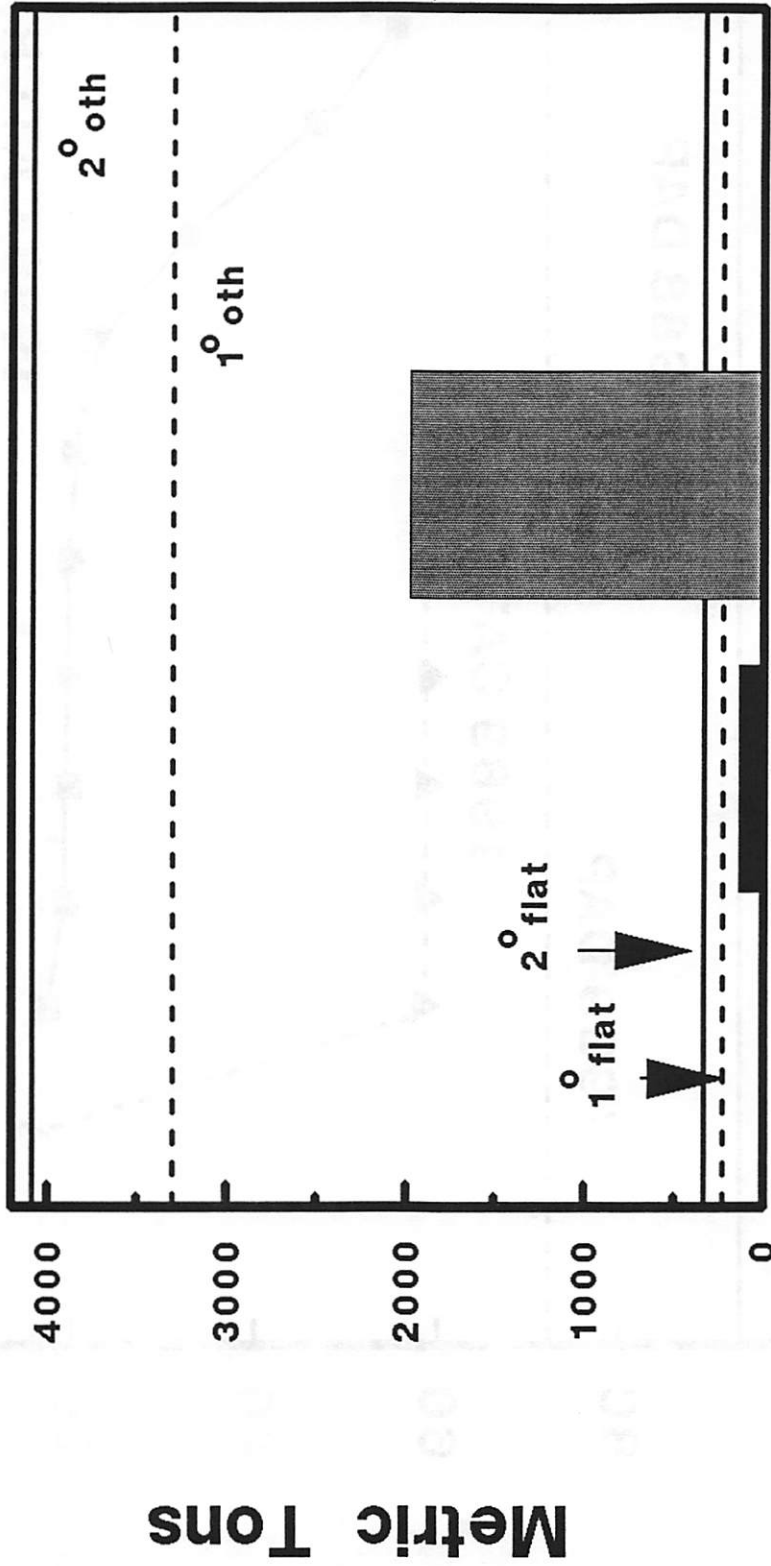
1° closes Z1, 2H

2° closes BSAI

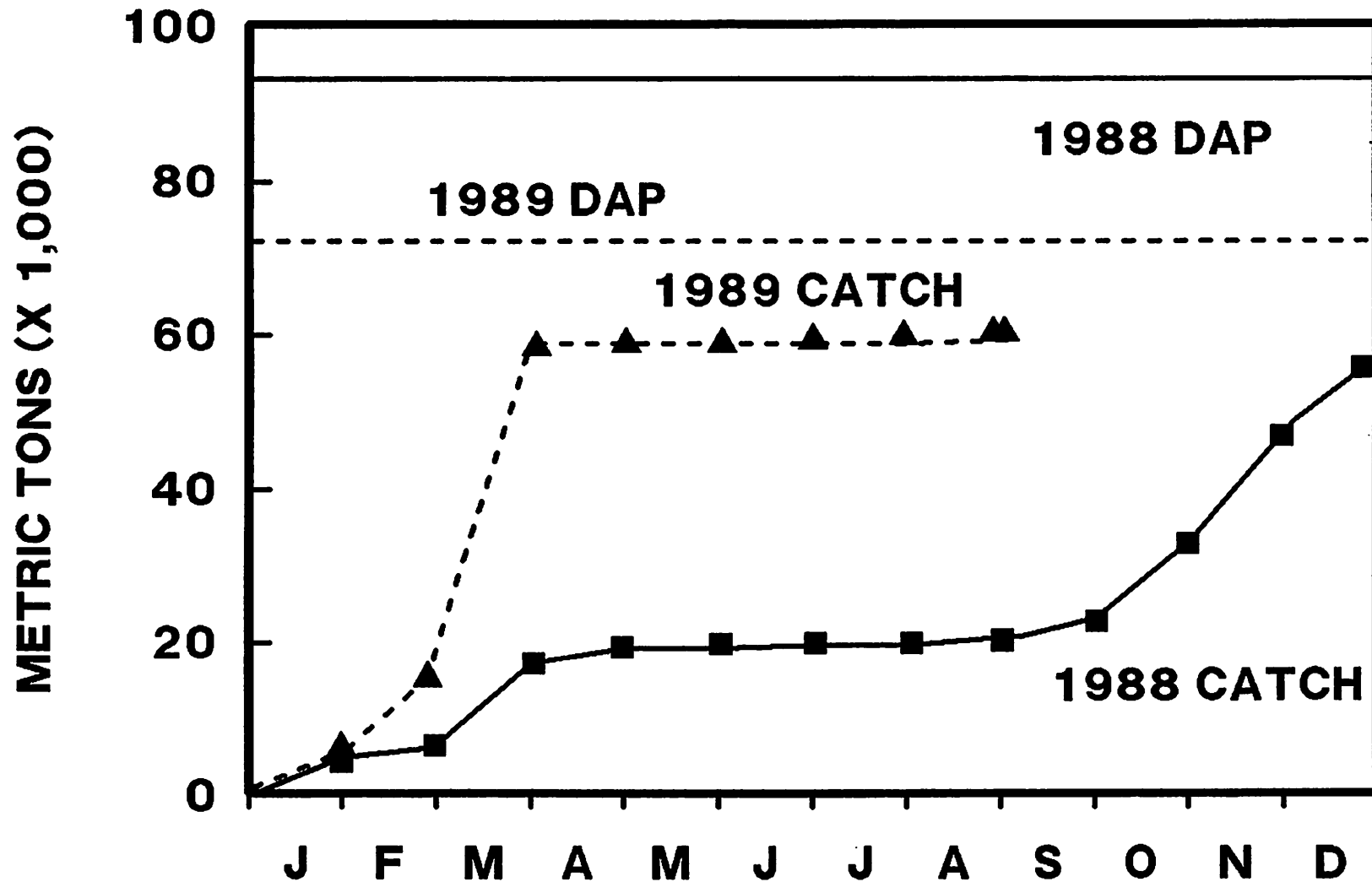
DAP Halibut Bycatch

BSAI

through 8/26

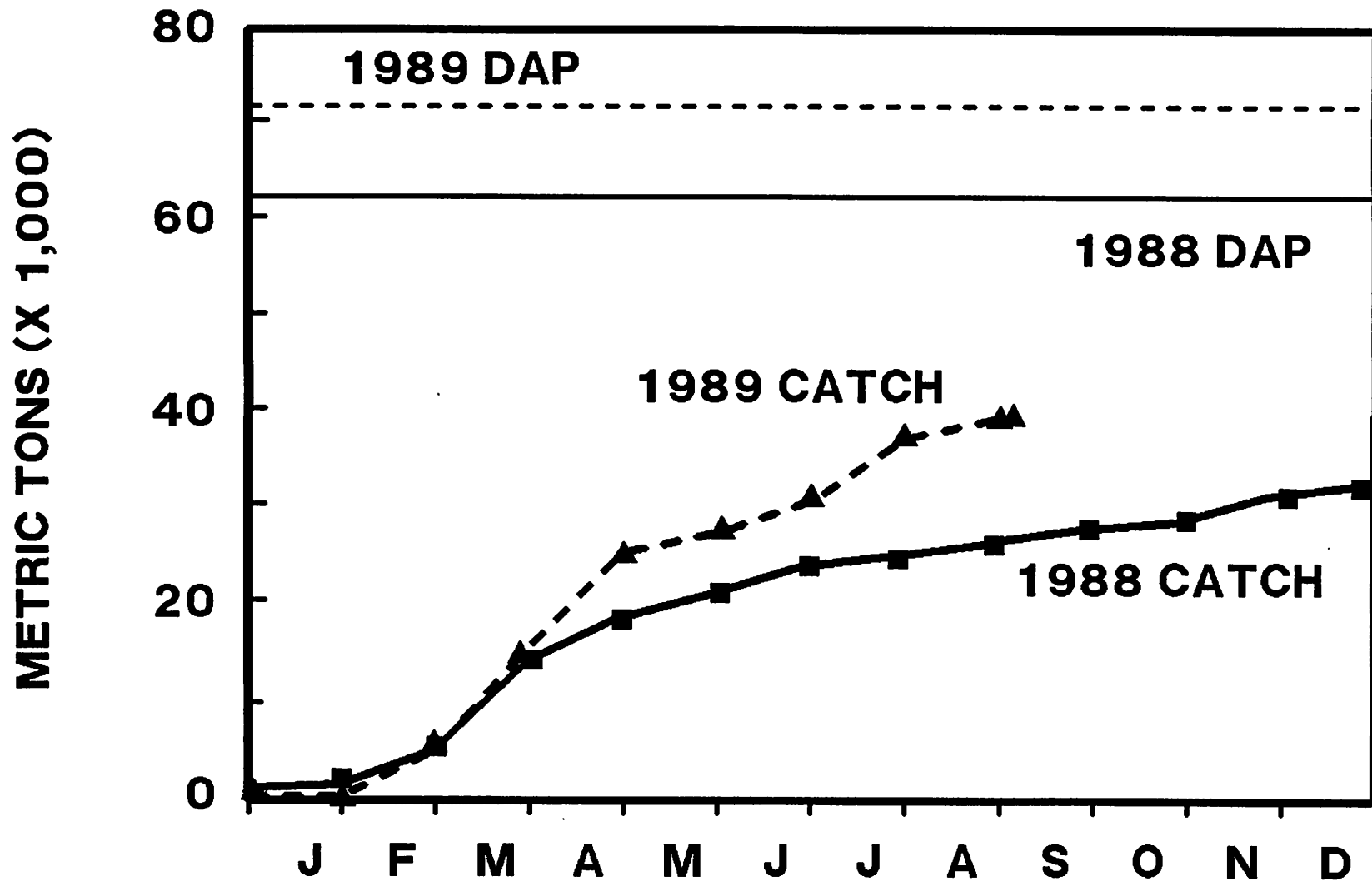


DAP CATCH GOA POLLOCK



DAP CATCH

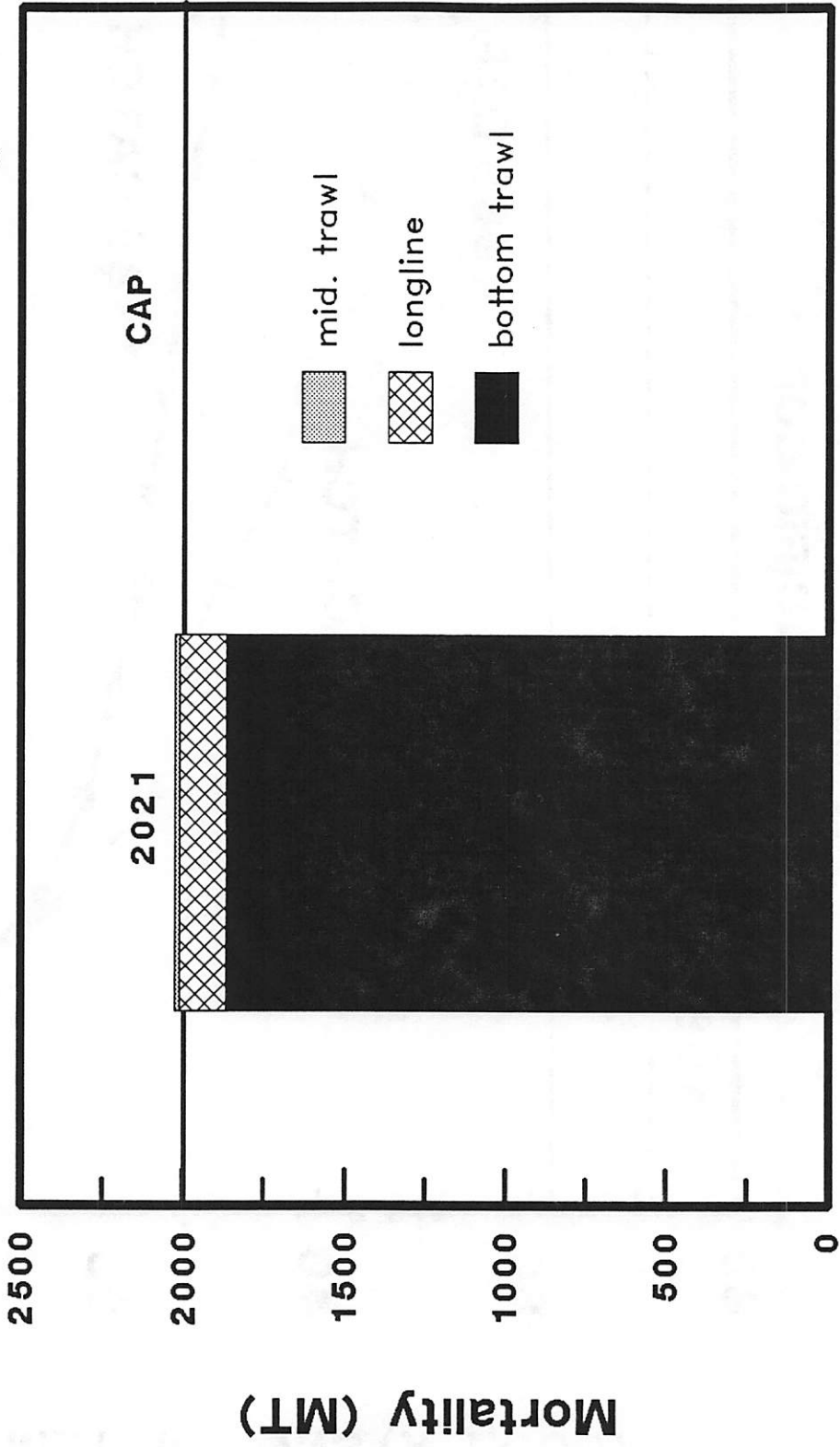
GOA PACIFIC COD



DAP Halibut Bycatch

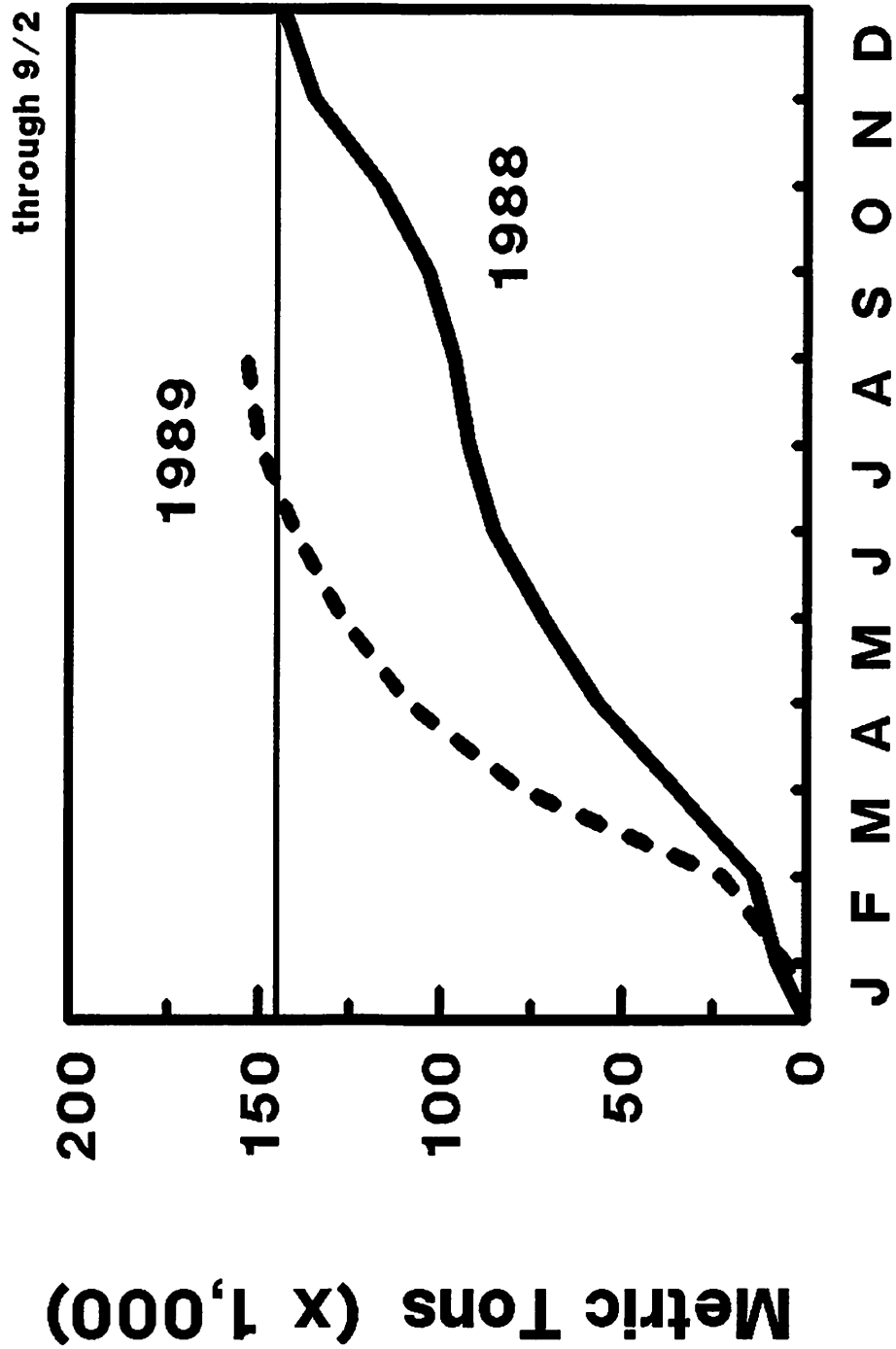
GOA Fisheries

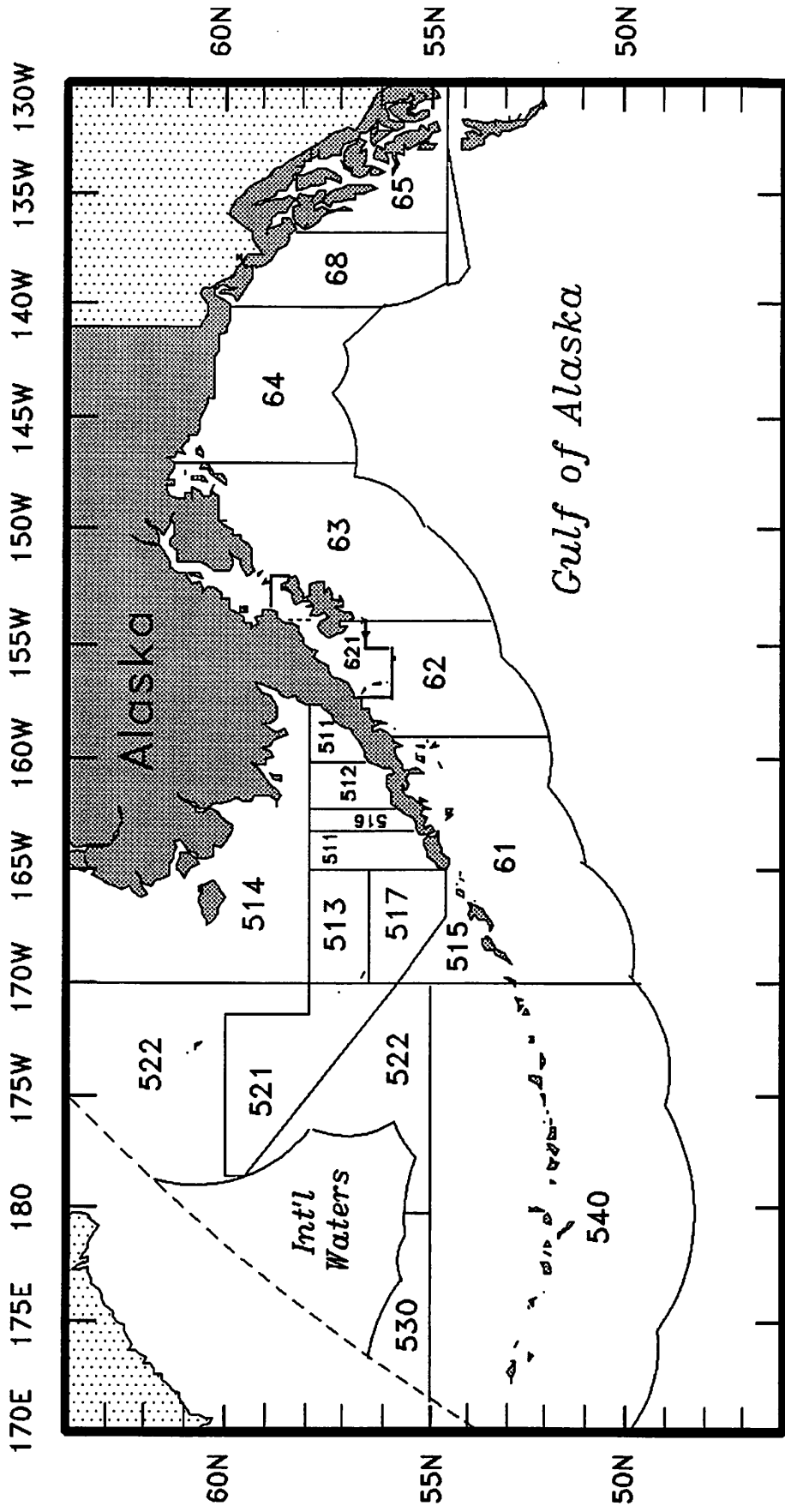
through 9/2



DAP Landed Groundfish

GOA





NMFS Statistical Reporting Areas for Groundfish

1989



SEP 22 1989



UNITED STATES DEPARTMENT
National Oceanic & Atmospheric Administration
National Marine Fisheries Service
P.O. Box 21668
Juneau, Alaska 99802-1668

AGENDA B-3
SEPTEMBER 1989
SUPPLEMENTAL

NEWS RELEASE
Steven Pennoyer
907-586-7221

September 18, 1989

For Immediate Release

THE BERING SEA AND ALEUTIANS WILL REOPEN
TO DIRECTED SABLEFISH FISHING ON OCTOBER 20, 1989

Sablefish catches to-date in the Bering Sea and Aleutian Islands subareas indicate that further sablefish directed fishing is warranted to fully harvest the existing quotas, according to Steven Pennoyer, Director, Alaska Region, National Marine Fisheries Service. The entire sablefish quota in the Bering Sea subarea was set aside as bycatch to support other target groundfish fisheries at the beginning of the 1989 fishing year. About 1,900 metric tons remain unharvested. This subarea, therefore, will open to directed sablefish fishing at 12:00 noon, Alaska Daylight Time (A.d.t.), October 20, 1989, and will remain open until further notice.

Sablefish directed fishing was allowed in the Aleutian Islands subarea until July 30, 1989, at which time directed fishing was terminated to provide adequate bycatch amounts to support other directed groundfish fisheries. About 300 metric tons remain unharvested in this subarea. Therefore, the Aleutian Islands subarea will reopen at 12:00 noon, A.d.t., October 20, 1989, and will remain open until further notice. Depending on the amount of effort checked in for this fishery, daily reporting may be required.

For further information, contact Janet Smoker, NMFS, Fishery Management Division, 907-586-7230.



SUMMARY OF FOREIGN FISHING VESSEL
TRANSSHIPMENT DATA

JANUARY 1, 1989 THROUGH MARCH 31, 1989

Office of Enforcement
National Marine Fisheries Service
Alaska Region

Juneau, Alaska
September 1989

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, 1989, through March 31, 1989, during which a total of 335 foreign transshipments were reported. This represents a 74 percent decrease in the number of reported transfers from the first quarter of 1988. Reported transfers during the first quarter of 1988 were 1,284. A total of 147,365 MT of product were transferred within the zone during the first quarter of 1989. This represents a 43 percent decrease in total tonnage from the first quarter of 1988.

This data base does not include transshipment data from the U.S. catcher/processor fleet. Off-loading reports from that segment of industry are compiled in a separate data base. 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. 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 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 1989 1ST QUARTER TRANSFER DATA
(by nation/metric tonnage)

NATION	TOTAL <u>1/</u> TRANSFERS	SUBTOTAL <u>2/</u> TRANSPORT- TRANSPORT	TOTAL <u>3/</u> BEGIN ON BOARD	SUBTOTAL <u>4/</u> ON BOARD TRANSPORTS	SUBTOTAL <u>5/</u> ON BOARD FFV
JAPAN	19,238	0	28,806	23,486	5,319
KOREA	58,547	0	29,298	2,506	26,792
USSR	29,031	0	3,722	2,681	1,041
POLAND	36,118	13,260	28,185	2,735	25,450
CHINA	4,434	0	633	0	633
TOTAL	147,368	13,260	90,644	31,408	59,235
**** 1988 1ST QUARTER TOTALS ****					
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: $\underline{1/} - \underline{2/} - \underline{5/} = \text{U.S. EEZ Origin}$

TABLE: SUM-2

ALL NATIONS - SUMMARY OF 1989 1ST QUARTER TRANSFER DATA
(total transferred by nation/species/metric tonnage)

SPECIES	JAPAN	USSR	KOREA	POLAND	CHINA	89'TOTAL	88'TOTAL
POLLOCK	5,613	776	27,704	22,110	1,558	57,761	127,921
PACIFIC COD	2,571	8,373	3,819	33	0	14,796	32,620
PACIFIC HAKE	0	0	0	318	0	318	1,709
FLOUNDR	532	916	982	369	0	2,799	11,499
ROCK SOLE	2,074	279	1,076	20	36	3,485	0
TURBOTS	0	0	0	0	0	0	1
LOW- IN ATKA MACKRL	5,548	15,392	23,267	2,445	2,127	48,779	48,785
POP	0	0	0	0	0	0	1
OTHER SPEC.	2	0	1	0	0	3	41
UNID. 6/ SPEC.	2,898	3,295	1,697	10,811	713	19,414	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 19,238 metric tons of product within the EEZ. All off-loadings were to Japanese flag transports. Excluding products reported on board fishing vessels entering the EEZ this would equate to 13,919 MT of product originating within the EEZ. Disregarding unidentified species (presumed to be comprised of primarily pollock, flounder and sole), 29 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 (25 percent) of the cargo transshipped. A 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 58,547 MT of product within the EEZ. 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 31,752 MT of product originating within the EEZ. Disregarding unidentified species (presumed to be comprised of primarily pollock and yellowfin sole), 47 percent of all transshipment tonnage was pollock 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 (39 percent) of the cargo transshipped followed by whole pollock. 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 29,031 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 27,990 MT of product originating within the EEZ. Disregarding unidentified species (presumed to be comprised of primarily Yellowfin sole and Pacific cod), 53 percent of all transshipment tonnage was Yellowfin sole products with the majority of the remainder being Pacific cod products. Transshipped species composition is consistent with the JV Pacific cod and yellowfin sole fisheries that occurred within the EEZ. Headed and gutted Yellowfin sole comprised the largest portion (48 percent) of the cargo transshipped. 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 36,118 MT of product within the EEZ. Off-loadings were to Polish flag transports and in a number of instances to U.S. flag transports. 13,260 MT or 37 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 negative balance of product originating within the EEZ. The negative balance stems

from the inevitable double counting that occurs in the Polish fleet data due to frequent shifting between the donut hole and the EEZ and the frequent cross decking of cargo between fishing vessels and transports. Disregarding unidentified species (presumed to be comprised of primarily Pollock), 61 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 fisheries that occurred within the EEZ and the directed pollock fishery in the donut hole. Pollock fillets comprised the largest portion (52 percent) of the cargo transshipped followed by fish meal (27 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 4,434 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 3,801 MT of product originating within the EEZ. Disregarding unidentified species (presumed to be comprised of primarily pollock and yellowfin sole), 48 percent of all transshipment tonnage was 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 (48 percent) of the cargo transshipped. 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	Fillets, with skin/two per fish
FB	Fillets, one-piece (butterfly) with skin
FBN	Fillets, one-piece (butterfly) without skin
FN	Fillets, 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 (1ST QRT OF 1989)
 (by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Other Flounder	Rock Sole	Yellowfin Sole	Other Species	Unidentified Species	89'TOTAL	88'TOTAL
BSD:	0	0	0	0	0	1	0	1	0
F :	105	688	0	0	0	0	0	793	2,134
FN :	9	1	0	0	0	0	0	10	107
FO :	0	0	0	0	0	0	164	164	455
H :	0	0	25	209	93	0	68	395	742
HG :	1	1,403	460	1,257	108	0	11	3,240	6,546
IQ :	0	99	0	0	0	0	0	99	*
M :	0	0	0	0	0	0	2,586	2,586	10,807
O :	0	169	5	0	1	1	0	176	334
R :	638	210	0	0	0	0	0	848	3,323
S :	0	0	14	96	3,977	0	38	4,125	12,023
ST :	0	0	0	0	3	0	0	3	595
SU :	4,766	0	0	0	1,043	0	0	5,809	30,075
SW :	0	0	0	0	0	1	0	1	1
W :	94	0	28	511	323	1	33	990	3,161
TOT:	5,615	2,570	532	2,073	5,548	4	2,900	19,240	
****1988 TOTALS****									
TOT:	34,647	2,163	6,742	* 0	15,420	2	11,513	70,488	

TABLE: JA-2

JAPAN - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT (1ST QTR OF 1989)
 (by species/product/metric tonnage)

Product /Species
 Type /

NONE

TABLE: JA-3

JAPAN - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Other Flounder	P.O.P.	Sablefish	Yellowfin Sole	Squid	Rock Sole	Unidentified Species	89'TOTAL
F	1,891	6	0	0	0	0	0	0	0	1,897
FN	1,484	0	0	0	0	0	0	0	0	1,484
FD	0	0	0	0	0	0	0	0	272	272
G	1,104	0	0	0	0	0	0	0	0	1,104
HG	434	2,332	317	1	15	0	0	9	786	3,894
H	0	0	0	0	0	0	0	0	2,609	2,609
O	438	1	0	0	0	0	1	0	3,090	3,090
R	1,873	1	0	0	0	0	0	0	0	1,874
S	0	0	70	0	0	0	0	0	0	70
SU	8,465	0	0	0	0	520	0	0	0	8,985
W	2,891	1	111	0	0	83	0	0	0	3,086
TOT:	18,580	2,341	498	1	15	503	1	9	6,757	28,365
****1988 TOTALS****										
TOT:	16,379	467	1,501	* 0	59	* 0	1	* 0	2,899	21,549

(* some products and species codes do not repeat from 1988)

TABLE: JA-4

JAPAN - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Other Flounder	P.O.P.	Sablefish	Yellowfin Sole	Squid	Rock Sole	Unidentified Species	89'TOTAL
F	1,667	6	0	0	0	0	0	0	0	1,673
FN	1,484	0	0	0	0	0	0	0	0	1,484
FD	0	0	0	0	0	0	0	0	0	27
G	1,104	0	0	0	0	0	0	0	0	1,104
HG	255	2,332	317	1	15	0	0	9	786	3,715
H	0	0	0	0	0	0	0	0	1,738	1,738
D	438	1	0	0	0	0	1	0	3,090	3,530
R	1,070	1	0	0	0	0	0	0	0	1,071
S	0	0	70	0	0	0	0	0	0	70
SU	5,595	0	0	0	0	520	0	0	0	6,115
W	2,763	1	111	0	0	83	0	0	0	2,958
TOT:	14,376	2,341	498	1	15	603	1	9	6,112	23,485

TABLE: JA-5

JAPAN - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Unidentified Species	89'TOTAL
F	225	0	225
FD	0	245	245
HG	178	0	178
H	0	871	871
R	802	0	802
SU	2,869	0	2,869
W	129	0	129
TOT:	4,203	1,116	5,319

TABLE: KS-1

KOREA - TOTAL TRANSFERS (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Other Flounder	Yellowfin Sole	Rock Sole	Other Species	Unidentified Species	89'TOTAL	88'TOTAL
G	3,379	0	0	0	0	0	0	3,379	4,424
H	367	10	0	0	0	5	0	382	667
HDS	0	148	0	0	0	0	0	148	668
HG	2,394	332	0	0	0	3	0	2,729	4,203
HGT	0	12	0	0	0	0	0	12	61
ID	58	43	0	0	0	0	0	101	158
M	0	0	0	0	0	0	1,032	1,032	4,554
O	1,863	40	0	0	0	1	0	1,904	1,520
R	1,245	46	0	712	0	0	0	2,003	4,733
SU	1,930	0	0	0	0	0	0	1,930	7,439
W	16,468	3,188	982	22,555	1,068	1	665	44,927	72,650
TOT:	27,704	3,819	982	23,267	1,076	2	1,697	58,547	
****1988 TOTALS****									
TOT:	57,523	8,514	2,972	28,266	* 0	39	4,562	102,134	

(* some products and species codes do not repeat from 1988)

TABLE: KS-2

KOREA - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species
Type /

NONE

TABLE: KS-3

KOREA - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Other Flounder	Yellowfin Sole	Rock Sole	Unidentified Species	89'TOTAL	88'TOTAL
FG :	0	0	0	0	0	36	36	186
G :	2,483	0	0	0	0	0	2,483	2,476
H :	487	0	0	0	0	0	487	*
HDS :	0	14	0	0	0	0	14	*
HG :	1,558	300	0	0	0	0	1,858	1,152
IO :	33	5	0	0	0	0	38	11
M :	0	0	0	0	0	2,896	2,896	1,527
O :	1,526	6	0	0	0	0	1,532	547
R :	1,317	5	0	0	0	0	1,322	789
S :	0	10	0	0	0	0	10	20
SU :	1,846	0	0	0	0	0	1,846	2,265
W :	13,111	318	7	2,934	233	0	16,603	15,195
TOT :	22,361	658	7	2,934	233	2,902	29,095	
****1988 TOTALS****								
TOT :	22,715	1,574	* 0	* 0	* 0	* 0	24,289	

(* some products and species codes do not repeat from 1988)

TABLE: KS-4

KOREA - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Unidentified Species	89'TOTAL
HG :	0	245	0	245
IO :	10	0	0	10
M :	0	0	1,212	1,212
R :	136	0	0	136
SU :	489	0	0	489
W :	56	186	0	242
TOT :	691	431	1,212	2,334

TABLE: KS-5

KOREA - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY (1ST QTR OF 1989)
 (by species/product/metric tonnage)

Product /Species
 Type /

	Pollock	Pacific Cod	Yellowfin Sole	Other Flounder	Rock Sole	Unidentified Species	89'TOTAL
FO	0	0	0	0	0	35	35
G	2,483	0	0	0	0	0	2,483
H	487	0	0	0	0	0	487
HDS	0	14	0	0	0	0	14
HG	1,558	55	0	0	0	0	1,613
IO	23	5	0	0	0	0	28
M	0	0	0	0	0	1,685	1,685
O	1,526	6	0	0	0	0	1,532
R	1,180	5	0	0	0	0	1,185
S	0	10	0	0	0	0	10
SU	1,357	0	0	0	0	0	1,357
W	13,056	132	2,934	7	233	0	16,362
TOT	21,670	227	2,934	7	233	1,720	26,791

TABLE: UR-1

USSR - TOTAL TRANSFERS (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Other Flounder	Yellowfin Sole	Rock Sole	Unidentified Species	89'TOTAL	88'TOTAL
F	59	574	0	0	6	0	639	667
FO	0	0	0	0	0	33	33	130
G	0	0	0	582	0	0	582	60
H	272	57	0	0	0	0	329	18
HG	169	6,378	826	13,828	181	0	21,382	21,681
HGT	0	302	0	33	0	0	335	* 0
M	0	0	0	0	0	3,254	3,254	5,139
O	1	392	0	358	0	8	759	720
R	0	671	0	0	11	0	682	2,187
TS	0	0	8	66	0	0	74	* 0
TU	0	0	39	387	81	0	507	238
W	274	0	43	138	0	0	455	739
TOT:	775	8,374	916	15,392	279	3,295	29,031	
****1988 TOTALS****								
TOT:	2,807	21,915	1,625	2,356	* 0	5,318	34,021	

(* some products and species groups do not repeat from 1988)

TABLE: UR-2

USSR - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species
Type /

NONE

TABLE: UR-3

USSR - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Unidentified Species	89'TOTAL	88'TOTAL
FO	0	0	11	11	100
H	1,538	0	0	1,538	1,314
HG	141	1,052	105	1,298	6,134
HGT	48	6	0	54	* 0
M	0	0	362	362	1,062
O	9	0	3	12	2,212
W	447	0	0	447	1,231
TOT:	2,183	1,058	481	3,722	
****1988 TOTALS****					
TOT:	4,618	7,352	1,276	13,677	

(* some products and species groups do not repeat from 1988)

TABLE: UR-4

USSR - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Unidentified Species	89'TOTAL
FO	0	0	7	7
H	1,247	0	0	1,247
HG	0	1,051	105	1,156
M	0	0	270	270
TOT:	1,247	1,051	382	2,680

TABLE: UR-5

USSR - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY (1ST QTR OF 1989)
 (by species/product/metric tonnage)

Product /Species				
Type /	Pollock	Pacific Cod	Unidentified Species	89'TOTAL
FD	0	0	4	4
H	291	0	0	291
HG	141	1	0	142
HGT	48	6	0	54
M	0	0	92	92
O	9	0	3	12
W	447	0	0	447
TOT	935	7	99	1,042

TABLE: PL-1

POLAND - TOTAL TRANSFERS (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Pacific Hake	Rockfish	Other Flounder	Yellowfin Sole	Rock Sole	Unidentified Species	89'TOTAL	88'TOTAL
F	0	5	0	0	0	0	0	0	5	84
FBN	771	0	0	0	0	0	0	0	771	* 0
FN	18,649	27	282	0	0	236	0	0	19,194	29,479
HG	28	0	0	12	292	2,198	20	73	2,623	71
M	0	0	0	0	0	0	0	9,622	9,622	11,881
O	383	0	0	0	0	0	0	60	443	510
R	2,117	0	0	0	0	0	0	23	2,140	595
S	19	0	0	0	0	0	0	0	19	* 0
TU	144	0	35	1	77	11	1	213	482	682
TOT:	22,111	32	317	13	369	2,445	21	9,991	35,299	
****1988 TOTALS****										
TOT:	29,836	3	1,709	* 0	* 0	* 0	* 0	11,882	43,431	

(* some product and species groups do not repeat from 1988)

TABLE: PL-2

POLAND - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pollock	Pacific Cod	Pacific Hake	Rockfish	Other Flounder	Yellowfin Sole	Unidentified Species	89'TOTAL	88'TOTAL
F	0	3	0	0	0	0	0	3	* 0
FBN	500	0	0	0	0	0	0	500	* 0
FN	7,637	9	148	0	0	0	204	7,998	12,849
HG	23	0	0	0	0	542	0	570	* 0
M	0	0	0	0	0	0	4,026	4,026	4,733
O	13	0	0	0	0	0	0	13	61
S	19	0	0	0	0	0	0	19	* 0
TU	87	0	35	1	3	5	0	131	263
TOT:	8,284	12	183	1	3	547	4,230	13,260	
****1988 TOTALS****									
TOT:	12,462	* 0	710	* 0	* 0	* 0	4,733	17,906	

(* some products and species groups do not repeat from 1988)

TABLE: PL-3

POLAND - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS (1ST QTR OF 1989)
(by species/product/metric tonnage)

=====								
Product /Species								
Type /								
=====								
	Pollock	Pacific Cod	Pacific Hake	Rockfish	Yellowfin Sole	Unidentified Species	89'TOTAL	88'TOTAL

FN :	15,291	1	137	0	0	0	15,429	13,465
G :	0	0	0	0	0	50	50	* 0
HG :	81	0	0	12	0	0	93	71
M :	0	0	0	0	0	7,378	7,378	5,217
O :	640	0	0	0	0	116	756	* 0
R :	3,766	0	0	0	2	503	4,271	2,895
TU :	206	0	0	0	0	4	210	255
W :	1	0	0	0	0	1	2	1

TOT:	19,985	1	137	12	2	8,052	28,189	
****1988 TOTALS****								
TOT:	15,439	3	973	* 0	* 0	5,504	21,919	

(* some products and species groups do not repeat from 1988)

TABLE: PL-4

POLAND - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY (1ST QTR OF 1989)
(by species/product/metric tonnage)

=====			
Product /Species			
Type /			
=====			
	Pollock	Unidentified Species	89'TOTAL

FN :	1,493	0	1,493
HG :	28	0	28
M :	0	1,123	1,123
R :	90	0	90

TOT:	1,611	1,123	2,734

TABLE: PL-5

POLAND - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY (1ST QTR OF 1989)
 (by species/product/metric tonnage)

Product /Species
 Type /

	Pollock	Pacific Cod	Pacific Hake	Yellowfin Sole	Rockfish	Unidentified Species	89'TOTAL
FN	13,797	1	137	0	0	0	13,797
G	0	0	0	0	0	50	50
HG	54	0	0	0	12	0	66
M	0	0	0	0	0	6,255	6,255
D	640	0	0	0	0	116	756
R	3,675	0	0	2	0	503	4,180
TU	206	0	0	0	0	4	210
W	1	0	0	0	0	1	2
TOT:	18,373	1	137	2	12	6,929	25,316

TABLE: CH-1

CHINA - TOTAL TRANSFERS (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species Type /	Pellock	Rock Sole	Yellowfin Sole	Unidentified Species	89'TOTAL	88'TOTAL
FN	1,148	0	0	0	1,148	1,097
M	0	0	0	665	665	872
D	18	0	0	0	18	* 0
R	392	0	0	0	392	255
W	0	36	2,127	49	2,212	1,840
TOT:	1,558	36	2,127	714	4,435	
****1988 TOTALS****						
TOT:	3,108	* 0	2,743	872	6,908	

(* some products and species groups do not repeat from 1988)

TABLE: CH-2

CHINA - SUBTOTAL TRANSFERS - TRANSPORT TO TRANSPORT (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species
Type /

NONE

TABLE: CH-3

CHINA - TOTAL BEGIN PRODUCT ON BOARD - ALL VESSELS (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species

Type /

	Pollock	Unidentified Species	89'TOTAL	88'TOTAL
FBN:	2	0	2	* 0
FN :	126	0	126	52
M :	0	344	344	1,236
O :	15	0	15	* 0
R :	146	0	146	114
TOT:	289	344	633	

****1988 TOTALS****

TOT: 446 1,236 : 1,769

(* some products and species groups do not repeat from 1988)

TABLE: CH-4

CHINA - SUBTOTAL BEGIN PRODUCT ON BOARD - TRANSPORTS ONLY (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species

Type /

NONE

TABLE: CH-5

CHINA - SUBTOTAL BEGIN PRODUCT ON BOARD - FISHING VESSELS ONLY (1ST QTR OF 1989)
(by species/product/metric tonnage)

Product /Species

Type /

	Pollock	Unidentified Species	89'TOTAL
FBN:	2	0	2
FN :	126	0	126
M :	0	344	344
O :	15	0	15
R :	146	0	146
TOT:	289	344	633