



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
P.O. Box 21868
Juneau, Alaska 99802-1868

AGENDA B-3
SUPPLEMENTAL

April 14, 1992

Clarence G. Pautzke
Executive Director
P.O. Box 103136
Anchorage, Alaska 99510

Dear Clarence,

We have prepared draft proposed rulemaking for Amendment 19 to the Fishery Management Plan (FMP) for the Groundfish Fishery of the Bering Sea and Aleutian Islands Area (BSAI) and Amendment 24 to the FMP for Groundfish of the Gulf of Alaska (GOA). General Counsel - Alaska Region has reviewed this draft. Under procedures for initiating Secretarial review, you should now submit all documents required for Secretarial review to the NMFS Alaska Region (Region). As you are aware, the Council must also submit a specified number of copies of these documents to the Office of Fishery Conservation and Management (F/CM) to facilitate Secretarial review of these amendments. The documents and required number of copies that should be sent to F/CM (in parenthesis) are as follows:

1. FMP amendment text (50)
2. Proposed rulemaking (10);
3. Environmental Assessment/Regulatory Impact Review/Initial Regulatory Flexibility Analysis (50);
and
4. Notice of Availability of FMP Amendments (1).

The date on which documents are received by the Region and judged to be adequate will be the Receipt Date. The Region will send the informal consultation with respect to Section 7, the CZM consistency determination, and all other necessary documents to F/CM on this date.

Clarence, you will recall that when the Council adopted Amendments 19 and 24 at its December 1991 meeting, it also adopted a revision to the Observer program that would require vessels under 60 feet length over all to obtain 30 percent observer coverage. The intent of the Council was to expand observer coverage to support the proposed expansion of the vessel incentive program. Prior to Council action on this issue, I had informed the Council that expansion of mandatory observer coverage to vessels under 60 feet had not been analyzed as part of the proposed expansion of the incentive program, and the public had not been provided advance notice of possible Council action on this issue.



At the December meeting, I recommended the Council delay action on an expansion of mandatory observer coverage until the Council had the opportunity to study the analysis being developed for the North Pacific Fisheries Research Plan. This analysis includes revisions to the Observer Plan, including changes to mandatory observer coverage requirements. In spite of my advice, the Council voted to expand mandatory observer coverage. Nonetheless, NMFS cannot implement this action until such time when an analysis of this measure is prepared and made available to the Council and interested public for further evaluation and consideration. Until regulatory changes to mandatory observer coverage are implemented, operators of vessels under 60 feet will not be required to obtain observer coverage unless they are specifically requested to do so by the Regional Director, NMFS, Alaska Region, under authority provided to him at 50 CFR parts 672.26(c)(1)(i) and 675.26(c)(1)(i).

When the Council took action to adopt Amendments 19 and 24, it also adopted a proposed regulatory amendment to expand the vessel incentive program to include chinook salmon bycatch in all BSAI and GOA trawl fisheries. We have not included the chinook salmon incentive program in the proposed rule for Amendments 19 and 24, because NMFS would be unable to implement this program in the manner envisioned by the Council. At this time, proper sampling and statistical methodology have not been developed to adequately monitor salmon bycatch for purposes of an individual vessel incentive program. The NMFS staff intends to investigate further alternative approaches for a chinook salmon incentive program and to present practical alternatives to the Council at its June 1992 meeting. If a practical approach is developed and approved by the Council, a chinook salmon incentive program could be implemented by regulatory amendment for 1993. We will be prepared to further discuss this issue with the Council at its April meeting.

Sincerely,



Steven Pennoyer
Director, Alaska Region

Enclosure



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

SUPPL.

April 17, 1992

Mr. Richard B. Lauber, Chairman
North Pacific Fishery Management Council
P.O. Box 103136
Anchorage, Alaska 99510

Dear Rick,

I have concerns with the Council's proposed expansion of the vessel incentive program to reduce prohibited species bycatch rates in the Alaska groundfish trawl fisheries. These concerns are based on our growing experience with the limitations of the existing incentive program and the efficacy of expanding this program before it's effectiveness has been adequately judged. I recently held a meeting among National Marine Fisheries Service (NMFS), General Counsel - Alaska Region (GCAK), and Enforcement staff to discuss bycatch management issues and our position on the Council's proposed actions and on the individual bycatch quota (IBQ) program the Council is scheduled to consider at its April 1992 meeting. A summary of these discussions are presented below.

Expansion of the Vessel Incentive Program to Reduce Halibut Bycatch Rates in All Alaska Groundfish Trawl Fisheries.

At its December 1991 meeting, the Council adopted an expansion of the vessel incentive program to address halibut bycatch rates in all groundfish trawl fisheries. A proposed regulation for this measure has been submitted to the Secretary of Commerce for review as part of the Amendment 19 and 24 rulemaking package (see Attachment 1).

The proposed Bering Sea and Aleutian Islands area (BSAI) incentive program would authorize separate halibut bycatch rate standards for each of the trawl fishery categories that are eligible to receive separate allocations of crab and halibut bycatch limits (i.e., the Greenland turbot/arrowtooth flounder/sablefish; rock sole/'other flatfish'; yellowfin sole; rockfish; Pacific cod; and pollock/Atka mackerel/ 'other species' fishery categories). In addition, a separate halibut bycatch rate standard would be specified for the pollock fishery that would become effective when the directed fishery for pollock by trawl vessels using non-pelagic trawl gear is closed. The proposed expansion of the Gulf of Alaska (GOA) incentive program would specify separate halibut bycatch rate standards for (1) all



trawl fisheries combined, and (2) the pollock fishery when directed fishing for pollock by trawl vessels using non-pelagic trawl gear is closed.

I am concerned that the proposed expansion of the BSAI incentive program to numerous trawl fishery categories with separate bycatch rate standards would decrease the number of vessels for which there are statistically valid estimates of monthly bycatch rates. This concern could be partially resolved by combining fishery categories that experience similar bycatch rates and specifying a single bycatch rate standard for the combined fisheries that would identify those vessel operators that take a disproportionate share of the halibut bycatch limit. As discussed in the following paragraph, we suggest that the Council recommend separate bycatch rate standards for the yellowfin sole fishery, the pollock fishery when fishing for pollock with non-pelagic trawl gear is prohibited, and all other trawl fisheries. This approach was taken by the Council with respect to the proposed expansion of the GOA incentive program where a single halibut bycatch rate standard of 5 percent is recommended by the Council for all trawl fisheries, except that a 0.1 percent halibut bycatch rate standard is recommended for the pollock fishery when directed fishing for pollock with non-pelagic trawl gear is prohibited.

At it's June 1992 meeting, the Council should recommend bycatch rate standards to support the expanded incentive program during the second half of 1992. These recommendations would be specified in the final rule implementing the expanded program. At the June meeting, NMFS staff will provide information on which to base bycatch rate standards for the yellowfin sole, the pollock fishery when fishing for pollock with non-pelagic trawl gear is prohibited, and all other trawl fisheries. These standards would be specified under the final rule implementing the expanded incentive program. Summary data on 1991 bycatch rates experienced by the BSAI trawl fisheries are listed in Attachment 2 to this letter.

I am also concerned that the proposed expansion of the incentive program may not be accompanied by additional funding for commensurate increases in Enforcement and General Counsel staff. Without such increases, adequate staff will not be available to carry out the time consuming task of preparing and reviewing incentive program violations for prosecution. At present, NMFS Enforcement dedicates one agent month per violation to conduct the investigative work necessary to prepare an incentive program violation for possible prosecution. The casework on each violation is further reviewed by GCAK before a determination is made to issue a notice of violation and assessment (NOVA) and proceed with prosecution.

No NOVAs have yet been issued to violators of the 1991 incentive

program to reduce halibut bycatch rates in the BSAI flatfish fishery and the premises of the program have yet to be judicially tested. Aside from the questionable proposal to expand the incentive program before NMFS is assured that the current program can withstand judicial challenge, NMFS would require significant increases in NMFS Enforcement and General Counsel staff that could be dedicated to enforcement and prosecution of the incentive program in a manner envisioned by the Council.

An Incentive Program to Reduce Chinook Salmon Bycatch Rates

When the Council adopted Amendments 19 and 24 at its December 1991 meeting, it also adopted a regulatory amendment to expand the vessel incentive program to address chinook salmon bycatch in all Alaska groundfish trawl fisheries. In an April 14, 1992, letter to Clarence Pautzke, I explained that proper sampling and statistical methodology have not been developed to adequately monitor salmon bycatch for purposes of an individual vessel incentive program. A significant amount of research and development time would be necessary to develop the chinook salmon incentive program as adopted by the Council and no guarantee exists that the required changes in observer sampling procedures could be practically applied to all vessels. At this time, therefore, I have declined to submit a proposed rule to implement this program knowing that such action would lead to Secretarial disapproval because NMFS is not able to implement the program.

We recognize the desirability of providing the trawl industry with an incentive program to reduce salmon bycatch rates, particularly in view of possible Council action to adopt a chinook salmon bycatch cap, the attainment of which may close all, or portions of, the BSAI to further trawl fishing. We intend to research alternative incentive programs to reduce salmon bycatch rates that are less dependent on statistically based observer sampling procedures for purposes of determining individual vessel bycatch rates. One alternative we will explore is the specification and monitoring of chinook salmon bycatch rates standards based on total number of chinook salmon observed during a month relative to the total amount of vessel reported retained groundfish catch. As I mentioned in my April 14 letter, we intend to present practical alternatives for a chinook salmon incentive program to the Council at its June 1992 meeting. If a practical approach is developed and approved by the Council, a chinook salmon incentive program could be implemented by regulatory amendment. The Council is cautioned, however, that Enforcement and General Counsel staff must be increased to support any expansion of the vessel incentive program. Without adequate staff support, violators of the incentive program will not be prosecuted and the program will fail.

Individual Bycatch Quota (IBQ) Program

At its January 1992 meeting, the Council was provided with a report prepared by an interagency Bycatch Team that identified the issues surrounding bycatch management and described how an IBQ program would best address the problems that give rise to bycatch management issues. I support the premises of the Bycatch Team's report, but at this time, the costs of implementing and enforcing an IBQ program would be prohibitive and preclude consideration of this approach as a feasible solution at this time.

The implementation and enforcement costs of an IBQ program are determined principally by the cost of providing periodic estimates of vessel bycatch amounts that are not easily challenged and that, if challenged, can be defended successfully in a cost effective manner. The precision of the estimates and the resources available to defend them determine whether an IBQ program would be effective in controlling bycatch. To date, neither the Bycatch Team nor NMFS has been able to identify a bycatch monitoring system that is adequate to support an IBQ program. Until such a program is identified, expenditure of staff time to develop an IBQ program is difficult to justify.

NMFS staff will evaluate methods to estimate individual vessel bycatch amounts for vessels with varying levels of observer coverage. The evaluation will address: (1) the tradeoffs between observer coverage and estimation precision; (2) potential bias; and (3) bycatch estimation models for unobserved fishing activity.

The Bycatch Team, NMFS, and General Counsel, with assistance from the industry, will continue their attempts to improve methods of estimating vessel bycatch amounts and rates for purposes of bycatch management measures, including the existing vessel incentive program. In the absence of adequate methods of estimation, development of a more comprehensive, and effective incentive program, such as IBQs, will not be possible.

I and other NMFS staff will be available to further discuss these and other bycatch management issues during the April Council meeting.

Sincerely,



Steven Pennoyer
Director, Alaska Region

Enclosures

Attachment 1 - Summary of proposed actions under Amendments 19 and 24 and associated regulatory amendments.

At its December 1991 meeting, the Council approved the following measures for inclusion into Amendments 19 and 24 for Secretarial review and approval under section 304(b) of the Magnuson Act:

- (1) For 1992, reduce the Pacific halibut prohibited species catch (PSC) limit established for BSAI trawl gear from 5,333 metric tons (mt) to 5,033 mt, but retain the primary halibut PSC limit at 4,400 mt;
- (2) For 1992, establish a 750 mt Pacific halibut bycatch mortality limit for BSAI fixed gear; and
- (3) Establish FMP authority to develop and implement regulatory amendments that allow for time/area closures to reduce prohibited species bycatch rates.

In addition to the above FMP amendments, the following amendments to current implementing regulations are proposed:

- (1) Revise BSAI fishery definitions for purposes of monitoring fishery specific bycatch allowances and assigning vessels to fisheries for purposes of the vessel incentive program;
- (2) Revise the management of BSAI trawl fishery categories that are eligible to receive prohibited species bycatch allowance;
- (3) Expand the vessel incentive program to address halibut bycatch rates in all trawl fisheries;
- (4) Delay the season opening date of the BSAI and GOA groundfish trawl fisheries to January 20 of each fishing year to reduce salmon and halibut bycatch rates;
- (5) Further delay the season opening date of the GOA trawl rockfish fishery to the Monday closest to July 1 to reduce halibut and chinook salmon bycatch rates; and
- (6) Change directed fishing standards to further limit halibut bycatch associated with bottom trawl fisheries.

Attachment 2. Observed Bycatch Rates Experienced in the
1991 BSAI Trawl Fisheries.

Trawl Fishery	Groundfish sampled (mt)	Halibut Sampled (kilograms)	Rate kg hal/mt grdf
Atka Mackerel	21448.89	60300.12	2.81
Bottom pollock	182999.17	754898.35	4.13
Pacific cod	47767.80	875512.18	18.33
Rockfish	5294.05	48238.48	9.11
other species	802.59	19353.55	24.11
rock sole	24619.81	430173.33	17.47
yellowfin sole/ other flatfish	84297.28	426397.81	5.06
midwater pollock	608646.25	140316.52	0.23
Turbot	3811.73	196197.27	51.47
Arrowtooth	7224.28	171954.57	23.80
Sablefish	5.73	159.57	27.85

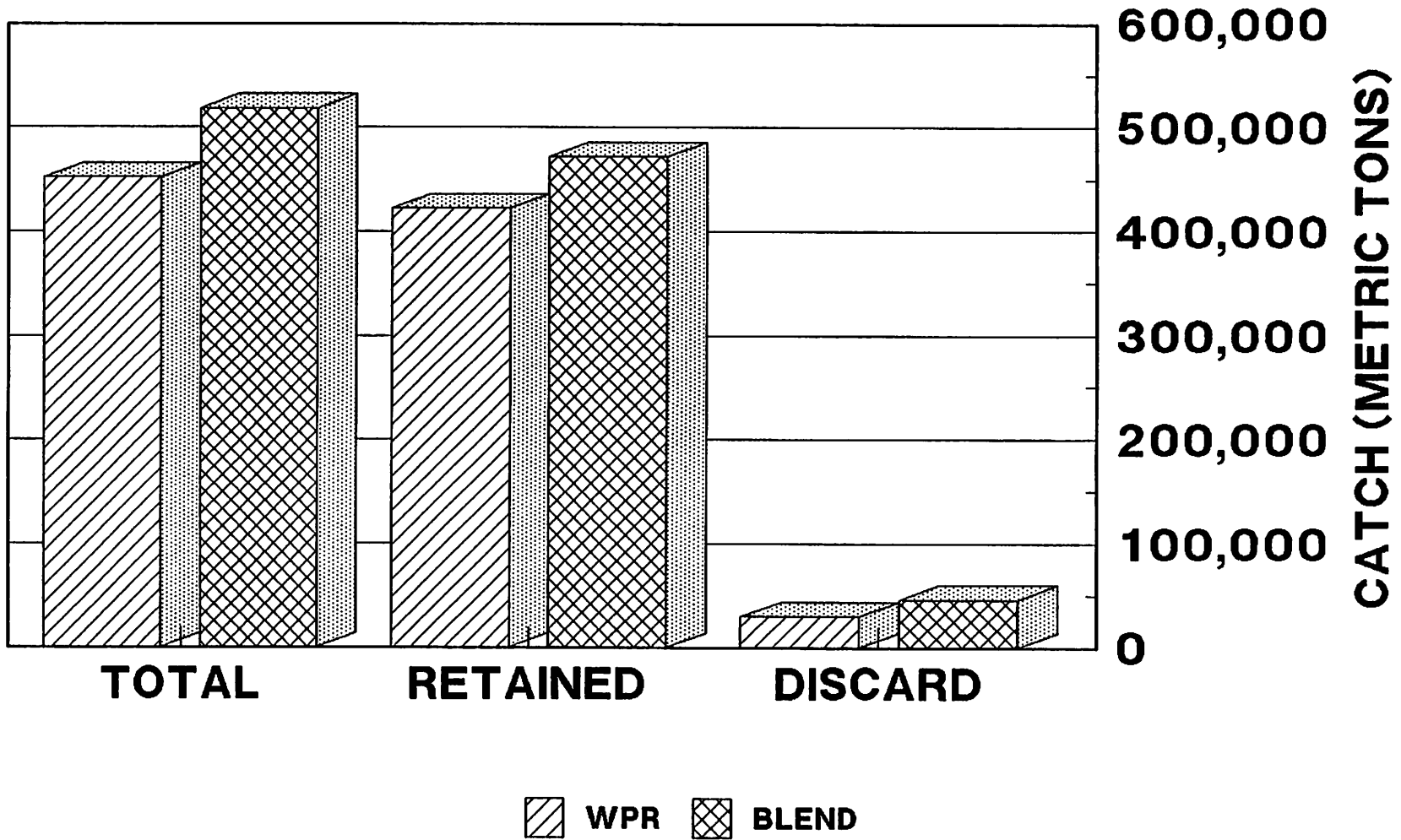
Weighted average bycatch rate of three "dirtiest" fisheries (Turbot,
Sablefish, Arrowtooth) = 33.36 kg halibut/mt groundfish
Mean = 34.37 kg halibut/mt groundfish

Weighted average bycatch rate of all fisheries EXCEPT midwater pollock and
yellowfin sole/other flatfish = 8.70 kg halibut/mt groundfish
Mean = 19.90 kg halibut/mt groundfish

Weighted average bycatch rate of all fisheries EXCEPT midwater pollock,
yellowfin sole/other flatfish, turbot, sablefish, and arrowtooth (these
last three fisheries are closed to directed fishing during 1992)
= 7.73 kg halibut/mt groundfish
Mean = 12.66 kg halibut/mt groundfish

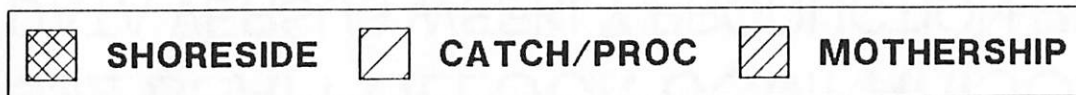
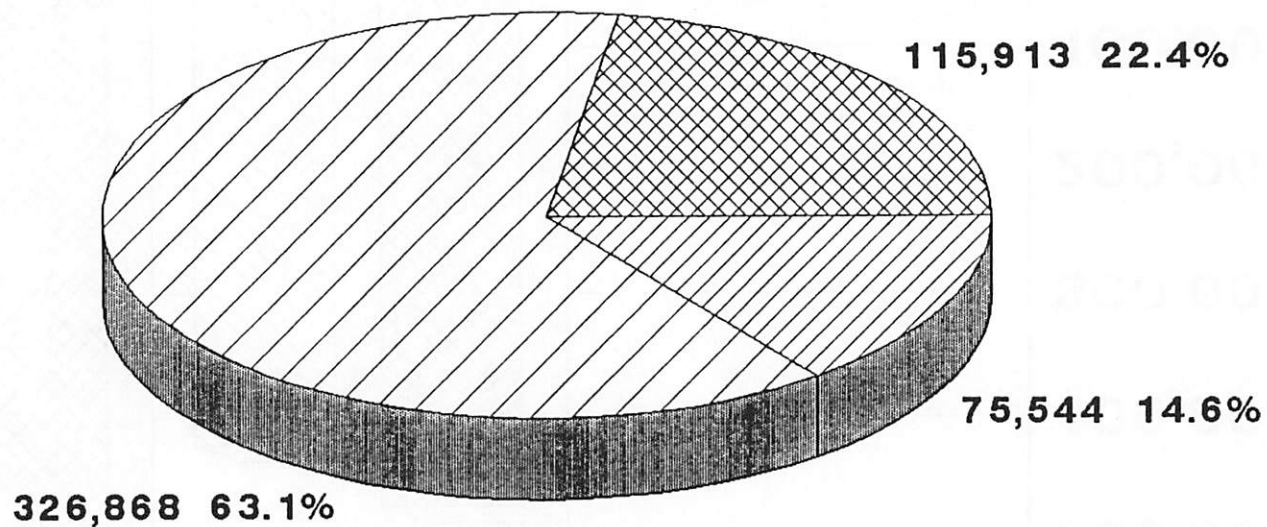
1992 BSAI POLLOCK COMPARISON

BLEND DATA VERSUS WEEKLY PRODUCTION REPORTS



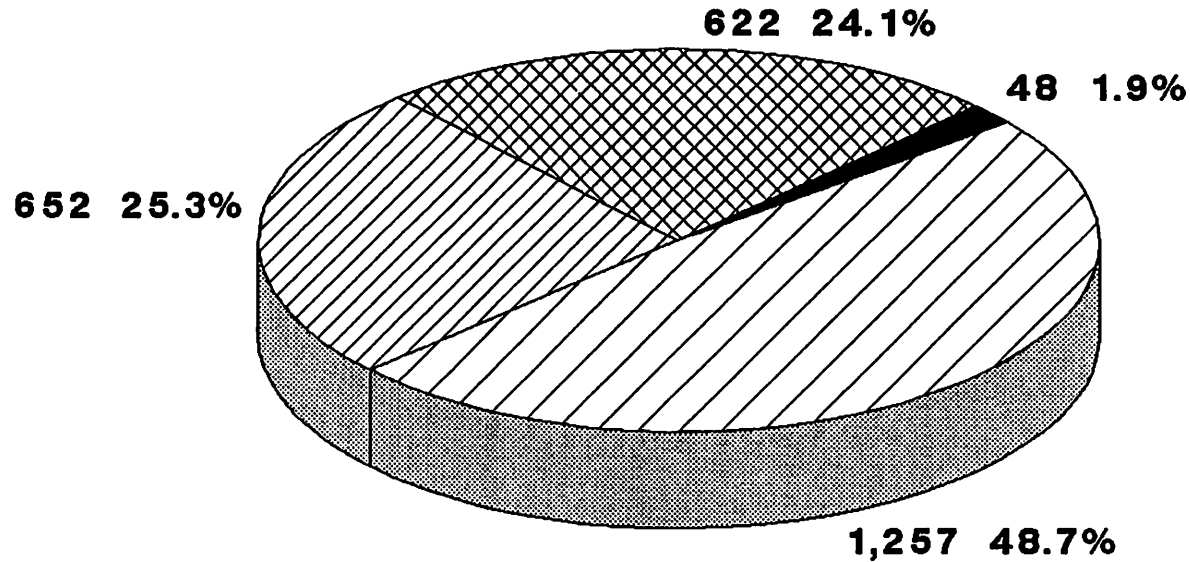
4/6/92

BERING SEA "A" SEASON POLLOCK HARVEST BY PROCESSING MODE (VALUES IN METRIC TONS)



4/5/92

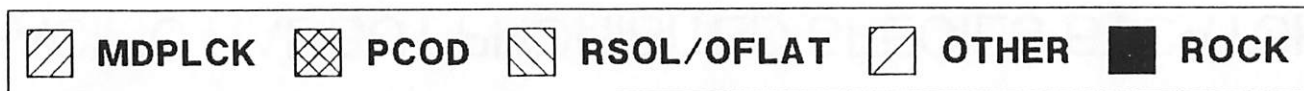
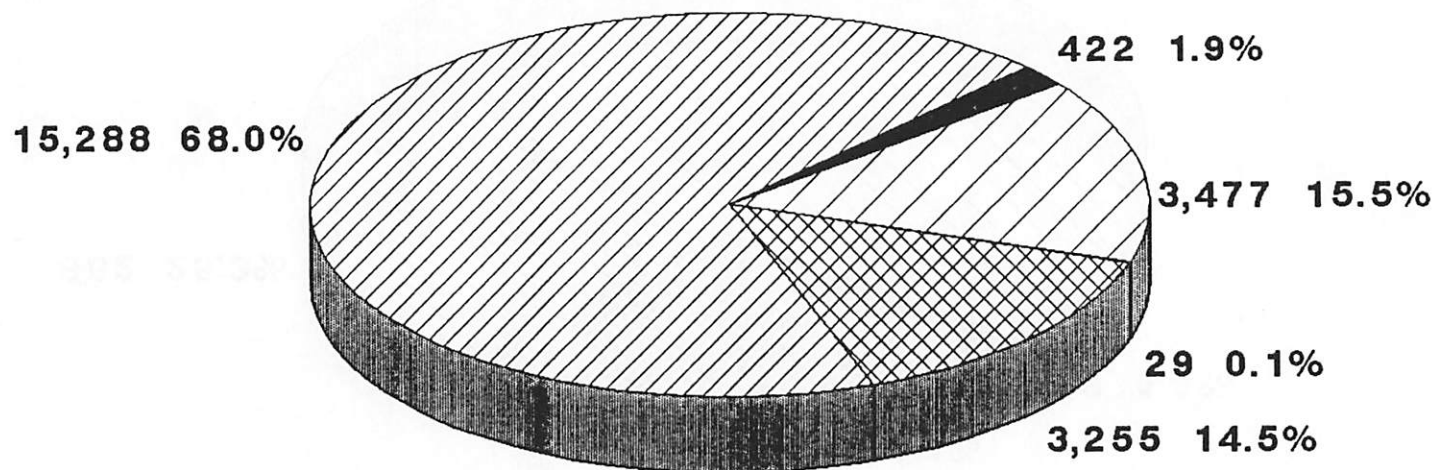
1992 BSAI TRAWL TARGET FISHERIES PACIFIC HALIBUT PROHIBITED SPECIES BYCATCH (VALUES IN METRIC TONS)



4/6/92

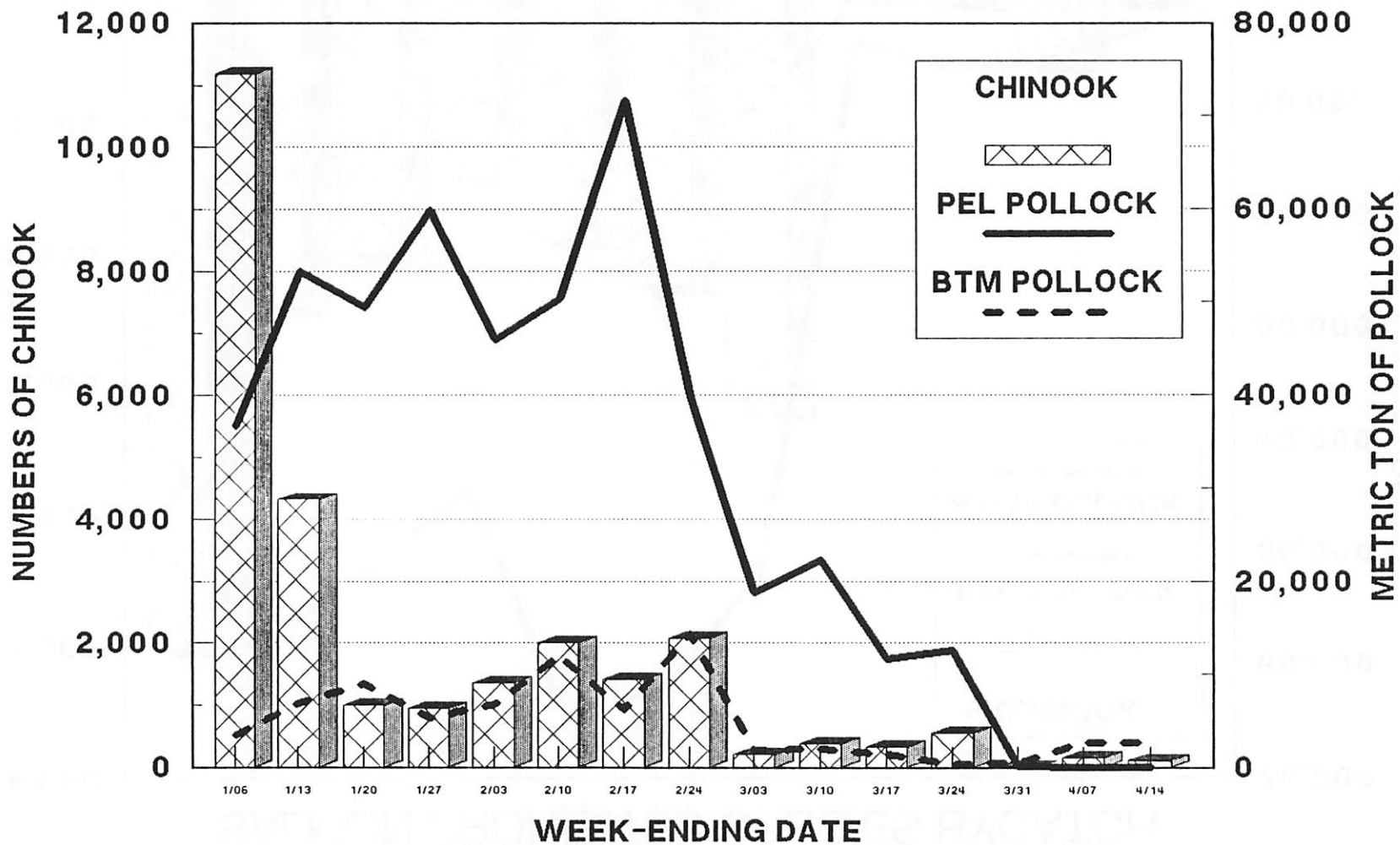
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1992 BSAI TRAWL TARGET FISHERIES CHINOOK SALMON PROHIBITED SPECIES BYCATCH (VALUES IN NUMBERS OF SALMON)



4/6/92

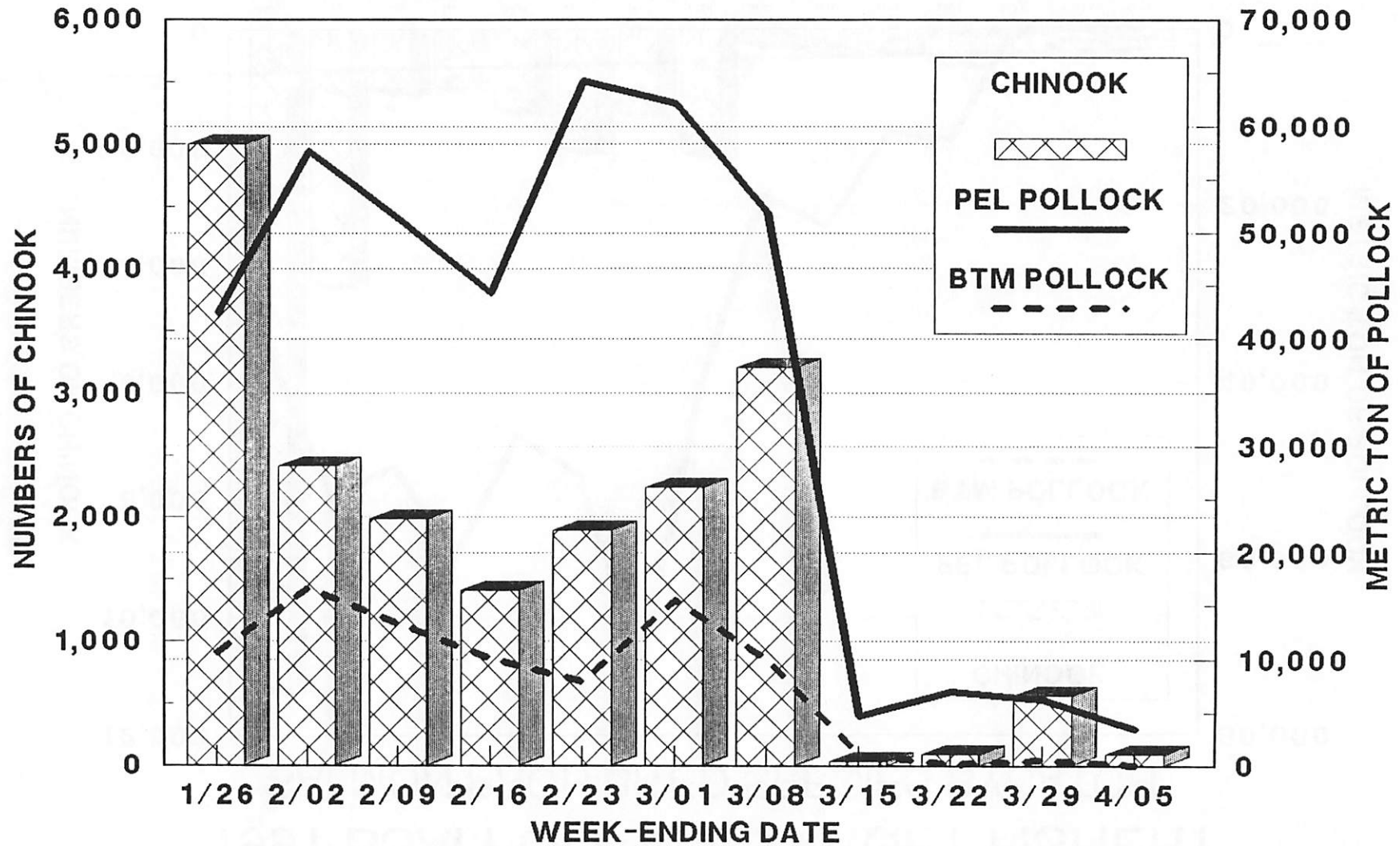
1991 BSAI POLLOCK TARGET FISHERY SALMON PROHIBITED SPECIES BYCATCH



4/6/92

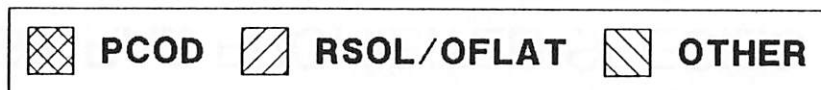
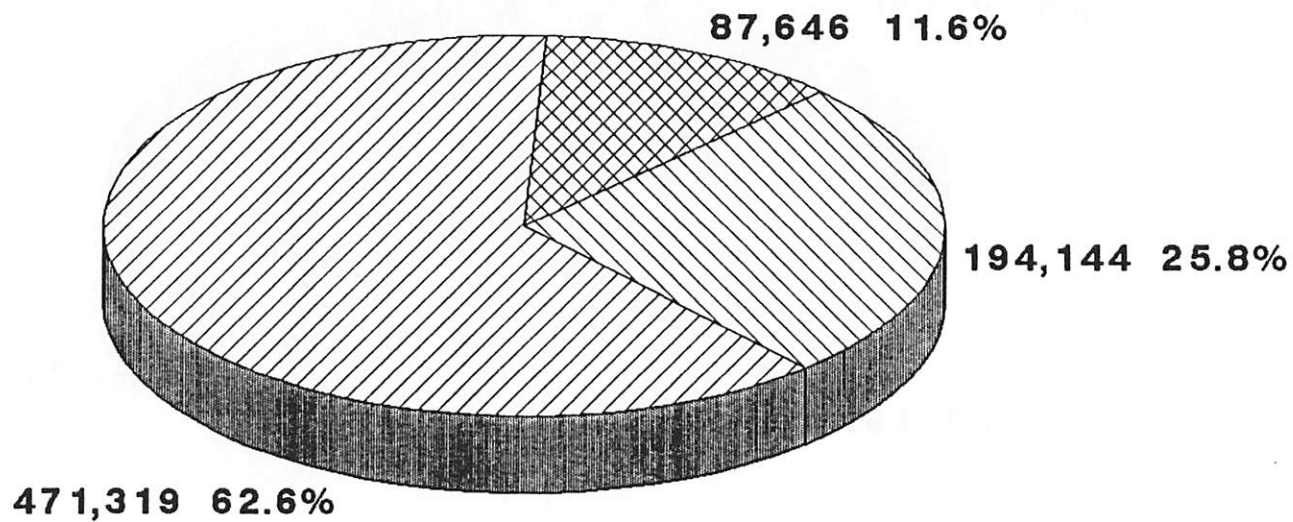
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1992 BSAI POLLOCK TARGET FISHERY SALMON PROHIBITED SPECIES BYCATCH



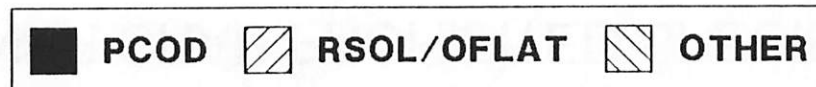
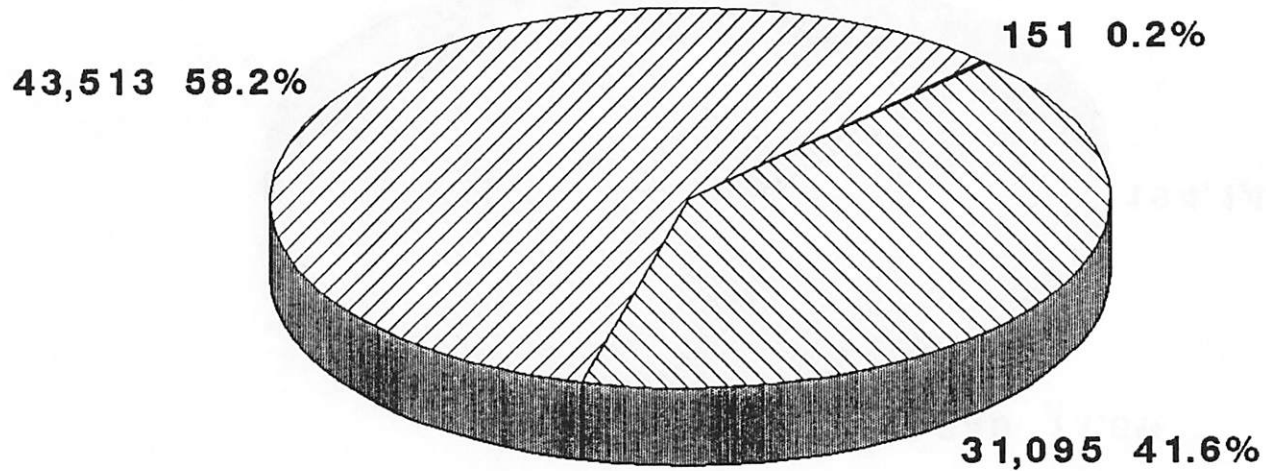
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1992 BSAI ZONE 1 TRAWL TARGET FISHERIES BAIRDI TANNER CRAB PROHIBITED SPECIES BYCATCH (VALUES IN NUMBERS OF CRABS)



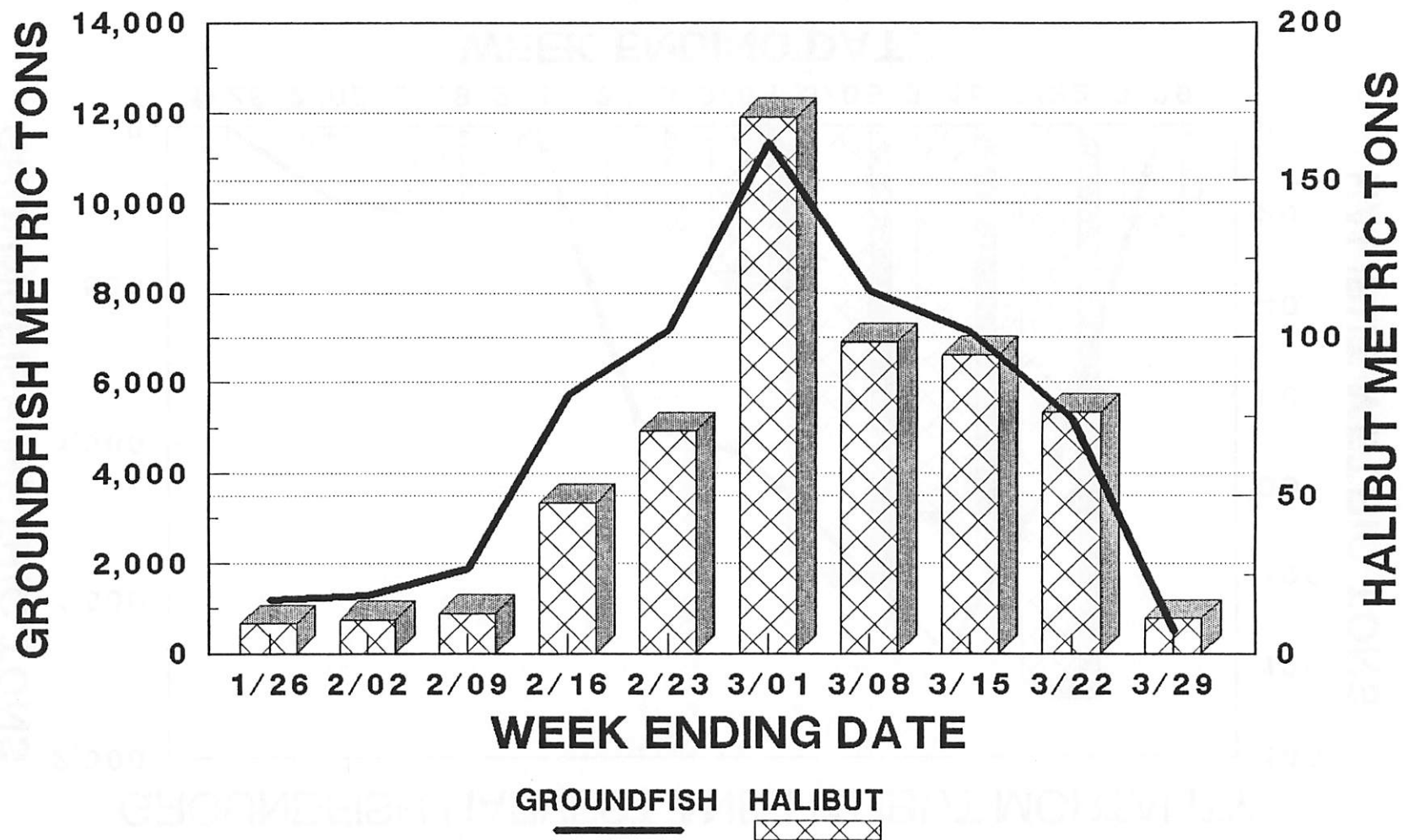
4/6/92

1992 BSAI ZONE 1 TRAWL TARGET FISHERIES RED KING CRAB PROHIBITED SPECIES BYCATCH (VALUES IN NUMBERS OF CRABS)



4/6/92

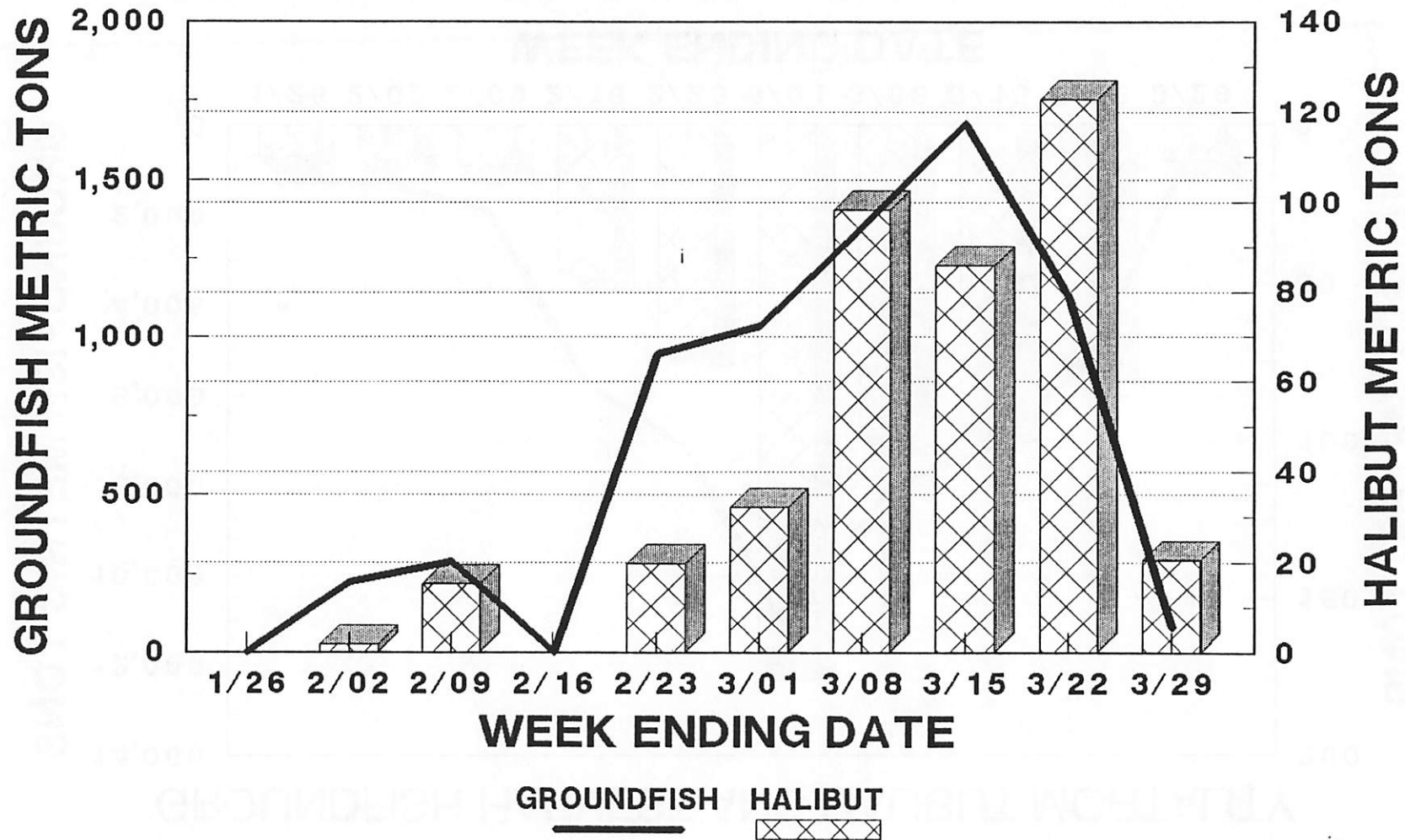
1992 GOA TRAWL PACIFIC COD TARGET FISHERY GROUND FISH HARVEST AND HALIBUT MORTALITY



4/6/92

1992 GOA TRAWL ROCKFISH TARGET FISHERY

GROUND FISH HARVEST AND HALIBUT MORTALITY



4/6/92

NATIONAL MARINE FISHERIES SERVICE
Fishery Management Division
Juneau, Alaska

Last Update
02-Apr 1992
14:23

1992 FEDERAL GROUND FISH FISHERIES CLOSURES OFF ALASKA (i)
In Effect During 1992 Fishing Year

REF #	SUB-AREA(S) (ii)	GEAR (iii)	SPECIES (iv)	STATUS (v)	EFFECTIVE FROM THRU	REF NUM	CAUSE (vi)
AREAS CLOSED FOR MARINE MAMMAL PROTECTION:							
1	Rookeries	ALL	ALL	C	01/01 12/31	(vii)	MM
OTHER BSAI CLOSURES:							
1	HSA 3	TRW	YSOL, FLOU	B	01/01 03/01	(viii)	HERR
2	HSA 3	TRW	PLCK	B	01/01 03/01	(viii)	HERR
3	512	TRW	ALL	C	01/01 12/31	(ix)	RKC
4	516	TRW	ALL	C	03/15 06/15	(ix)	RKC
5	ALL	ALL	FLOU, YSOL	B	01/01 05/01		REG
6	ALL	ALL	ARTH, GTRB	B	01/01 01/29	(12)	REG
7 a	HSA 1	TRW	RSOL	B	06/15 07/01		HERR
b	HSA 2	TRW	RSOL	B	07/01 08/15		HERR
c	HSA 3	TRW	RSOL	B	01/01 03/01		HERR
d	HSA 3	TRW	RSOL	B	09/01 12/31	(x)	HERR
8	ALL	TRW	ALL	C	01/01 01/20		MM
9	Bogoslof	ALL	PLCK	B	01/20 12/31	(xi)	TAC
10	BS, AI	ALL	'other rockfish'	B	01/29 12/31		TAC
11	BS, AI	TRW	SABL	B	01/29 12/31		TAC
12	BSAI	ALL	ARTH, GTRB	B	01/29 12/31		TAC
13	BS	ALL	'other red rockfish'	B	02/09 12/31		TAC
14 a	ZONE 1	TRW	PCOD	B	02/15 12/31		BTCR
b	ZONE 1	NPT	PLCK	B	02/15 12/31		BTCR
15 a	BSAI	TRW	PCOD	B	02/16 03/07	(14a)	HLBT
b	BS	NPT	PLCK	B	02/16 03/06	(17)	HLBT
c	AI	NPT	PLCK	B	02/16 03/07		HLBT
16	BSAI	TRW	RSOL	B	02/23 03/29		HLBT
17	BS	ALL	PLCK 'A' SEASON	B	03/06 06/01	(vii)	TAC
OTHER GOA CLOSURES:							
1	EG	TRW	SABL	B	01/01 12/31		REG
2	ALL	HAL	SABL	B	01/01 05/15		REG
3	WG	ALL	shortraker/rougheye	B	01/20 02/21	(8)	TAC
4	EG	ALL	PLCK	B	01/20 12/31		TAC
5	WG, CG	TRW	SABL	B	01/20 12/31		TAC
6	Area 62	ALL	PLCK	B	01/28 05/31		TAC
7	Area 63	ALL	PLCK	B	02/07 05/31		TAC
8	WG	ALL	shortraker/rougheye	P	02/21 12/31		TAC
9	WG	ALL	PCOD	B	03/05 03/18	(13)	TAC
10	WG	ALL	POP	B	03/07 12/31		TAC
11	CG	ALL	POP	B	03/07 12/31		TAC
12	WG	ALL	PLCK	B	03/10 05/31		TAC
13	WG	ALL	PCOD	P	03/18 12/31		TAC
14	ALL	NPT	ALL	C	03/22 03/29		HLBT
15	CG	ALL	PCOD	B	04/04 12/31		TAC
16	EG	ALL	PCOD	B	04/04 12/31		TAC
17	ALL	ALL	SEBASTES, SEBASTOLOB	B	03/30 06/28		REG

NOTES:

- (i) Groundfish fisheries open except as listed
Contact ADF&G for closures in State waters and
for area 650 Demersal rockfish
- (ii) SUBAREAS: "Rookeries" = Steller sea lion rookeries
"HSA" = Herring Savings Area (50 CFR 675.2)
Zone 1 = 511, 512, 516; Zone 2 = 513, 517, 521
Zone 2H = 517
- (iii) GEARS: "HAL" = hook-and-line; "POT" = pots
"PTR" = pelagic trawl; "NPT" = non-pelagic trawl
"TRW" = all trawls; "JIG" = jig/troll; "OTH" = all others
- (iv) SPECIES: ROCK = other rockfish; SRSN = other red rockfish
- (v) STATUS: "C" = closed; "B" = bycatch only; "P" = no retention

GOA

National Marine Fisheries Service
P.O. Box 21668
Juneau, Alaska 99802-1668

Prepared: 04/17/92 at 07:37 AM
NMFS/AKR Fish Management
(907) 586-7229

1992 GULF OF ALASKA APPORTIONMENTS TO DOMESTIC
ANNUAL PROCESSING (DAP) AND PRELIMINARY CATCH IN ROUND METRIC TONS
(Data is from Processor Weekly Production Reports through 04/12/92
except Bering Sea A season pollock, which blends observer reports.)

	TOTAL CATCH	DAP APPORT.	REMAINING FOR DAP	% TAKEN
WEST, CENT PLCK 1st-2nd Qt				
Pollock Subarea 61	12569	14821	2252	85
Pollock Subarea 62	5496	9766	4270	56
Pollock Subarea 63	13742	24455	10713	56
WESTERN GULF				
Arrowtooth Flounder	814	5000	4186	16
Deep Water Flatfish	75	1740	1665	4
Shallow Water Flatfish	1647	3000	1353	55
Flathead Sole	293	2000	1707	15
Pacific Ocean Perch	1066	1470	404	73
Shortraker/Rougheye	63	100	37	63
Other Rockfish	363	1390	1027	26
Pacific Cod	33701	23500	-10201	143
Pelagic Shelf Rockfish	25	1212	1187	2
Sablefish (Hook & Line)	0	2000	2000	0
Sablefish (Trawl)	7	500	493	1
CENTRAL GULF				
Arrowtooth Flounder	3846	15000	11154	26
Deep Water Flatfish	1638	15000	13362	11
Shallow Water Flatfish	1114	7000	5886	16
Flathead Sole	276	5000	4724	6
Pacific Ocean Perch	1565	1561	-4	100
Shortraker/Rougheye	202	1290	1088	16
Other Rockfish	191	6510	6319	3
Pacific Cod	32575	39000	6425	84
Pelagic Shelf Rockfish	183	4393	4210	4
Sablefish (Hook & Line)	11	7656	7645	0
Sablefish (Trawl)	157	1914	1757	8
EASTERN GULF				
Arrowtooth Flounder	622	5000	4378	12
Deep Water Flatfish	49	3000	2951	2
Shallow Water Flatfish	0	1740	1740	0
Flathead Sole	0	3000	3000	0
Pacific Ocean Perch	1201	2169	968	55
Shortraker/Rougheye	282	570	288	49
Other Rockfish	29	6160	6131	0
Pelagic Shelf Rockfish	40	1281	1241	3
Pacific Cod	374	1000	626	37
Pollock	25	3400	3375	1
WEST YAKUTAT				
Sablefish (Hook & Line)	1	3553	3552	0
Sablefish (Trawl)	63	187	124	34
SOUTHEAST				
Demersal Shelf Rockfish	226	550	324	41
Sablefish (Hook & Line)	2	4740	4738	0
Sablefish (Trawl)	10	250	240	4
ENTIRE GULF OF ALASKA				
Other Species	5427	13432	8005	40
Thornyhead	280	1798	1518	16
TOTALS:				
	120250	247108	126858	49

TOTALS BY SPECIES

Arrowtooth Flounder	5282	25000	19718	21
Deep Water Flatfish	1762	19740	17978	9
Demersal Shelf Rockfish	226	550	324	41
Flathead Sole	569	10000	9431	6
Other Rockfish	583	14060	13477	4
Other Species	5427	13432	8005	40
Pacific Cod	66650	63500	-3150	105
Pacific Ocean Perch	3832	5200	1368	74
Pelagic Rockfish	248	6886	6638	4
Pollock	31832	52442	20610	61
Sablefish	251	20800	20549	1
Shallow Water Flatfish	2761	11740	8979	24
Shortraker/Rougheye	547	1960	1413	28
Thornyheads	280	1798	1518	16

- Notes: 1) Pacific Ocean Perch is *Sebastes alutus* only.
 2) Species groups are defined at 50 CFR 672.20(a)(1).
 3) Pollock apportionments for subareas 61, 62, and 63 are for the 1st quarter only.

National Marine Fisheries Service
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NMFS/AKR Fish Management
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1992 GULF OF ALASKA REPORT ON DAP HARVEST
BY GEAR TYPE
(includes weekly production reports through 04/12/92
except Bering Sea A season pollock, which blends observer reports.)

	TRAWL	H&L	POT	OTH	TOTAL
WEST, CENT PLCK 1st-2nd Qt					
Pollock Subarea 61	12563	6	0	0	12569
Pollock Subarea 62	5493	1	2	0	5496
Pollock Subarea 63	13720	22	1	0	13743
WESTERN GULF					
Arrowtooth Flounder	808	6	0	0	814
Deep Water Flatfish	74	1	0	0	75
Shallow Water Flatfish	1644	3	0	0	1647
Flathead Sole	293	0	0	0	293
Pacific Ocean Perch	1066	0	0	0	1066
Shorthead/Rougheye	63	0	0	0	63
Other Rockfish	359	4	0	0	363
Pacific Cod	26513	6702	486	0	33701
Pelagic Shelf Rockfish	24	0	0	0	24
Sablefish (Hook & Line)	0	0	0	0	0
Sablefish (Trawl)	6	0	0	0	6
CENTRAL GULF					
Arrowtooth Flounder	3815	30	0	0	3845
Deep Water Flatfish	1638	0	0	0	1638
Shallow Water Flatfish	1103	5	5	0	1113
Flathead Sole	276	0	0	0	276
Pacific Ocean Perch	1565	0	0	0	1565
Shorthead/Rougheye	202	0	0	0	202
Other Rockfish	174	17	0	0	191
Pacific Cod	19269	4964	8341	0	32574
Pelagic Shelf Rockfish	174	8	0	0	182
Sablefish (Hook & Line)	0	11	0	0	11
Sablefish (Trawl)	157	0	0	0	157
EASTERN GULF					
Arrowtooth Flounder	621	0	0	0	621
Deep Water Flatfish	49	0	0	0	49
Shallow Water Flatfish	0	0	0	0	0
Flathead Sole	0	0	0	0	0
Pacific Ocean Perch	1201	0	0	0	1201
Shorthead/Rougheye	282	1	0	0	283
Other Rockfish	21	8	0	0	29
Pelagic Shelf Rockfish	12	28	0	0	40
Pacific Cod	8	252	114	0	374
Pollock	25	0	0	0	25
WEST YAKUTAT					
Sablefish (Hook & Line)	0	1	0	0	1
Sablefish (Trawl)	63	0	0	0	63
SOUTHEAST					
Demersal Shelf Rockfish	0	225	0	0	225
Sablefish (Hook & Line)	0	2	0	0	2
Sablefish (Trawl)	10	0	0	0	10
ENTIRE GULF OF ALASKA					
Other Species	5143	193	92	0	5428
Thornyhead	262	18	0	0	280

TOTALS:	98696	12508	9041	0	120245

1992 GULF OF ALASKA REPORT ON DAP HARVEST
 BY PROCESSING MODE
 (includes weekly production reports through 04/05/92
 except Bering Sea A season pollock, which blends observer reports.)

	SHORESIDE	CATCHER PROCESS	MOTHER- SHIP	TOTAL
WEST, CENT PLCK 1st-2nd Qt				
Pollock Subarea 61	7800	2452	2323	12575
Pollock Subarea 62	5400	84	2	5486
Pollock Subarea 63	13589	114	1	13705
WESTERN GULF				
Arrowtooth Flounder	67	723	23	814
Deep Water Flatfish	30	44	1	75
Shallow Water Flatfish	263	414	971	1648
Flathead Sole	37	225	31	293
Pacific Ocean Perch	3	1052	2	1057
Shortraker/Rougheye	0	62	0	62
Other Rockfish	9	290	7	307
Pacific Cod	18474	9117	6086	33676
Pelagic Shelf Rockfish	1	23	0	23
Sablefish (Hook & Line)	0	0	0	0
Sablefish (Trawl)	0	6	0	6
CENTRAL GULF				
Arrowtooth Flounder	733	1859	28	2620
Deep Water Flatfish	345	469	1	815
Shallow Water Flatfish	772	177	29	978
Flathead Sole	124	75	0	199
Pacific Ocean Perch	11	1544	1	1557
Shortraker/Rougheye	34	143	0	177
Other Rockfish	52	95	7	154
Pacific Cod	29879	718	1796	32393
Pelagic Shelf Rockfish	162	8	1	171
Sablefish (Hook & Line)	11	1	0	12
Sablefish (Trawl)	38	60	0	98
EASTERN GULF				
Arrowtooth Flounder	0	621	0	622
Deep Water Flatfish	0	49	0	49
Shallow Water Flatfish	0	0	0	0
Flathead Sole	0	0	0	0
Pacific Ocean Perch	0	1201	0	1201
Shortraker/Rougheye	1	282	0	282
Other Rockfish	8	21	0	29
Pelagic Shelf Rockfish	24	12	0	36
Pacific Cod	364	8	0	372
Pollock	0	25	0	25
WEST YAKUTAT				
Sablefish (Hook & Line)	1	0	0	1
Sablefish (Trawl)	0	63	0	63
SOUTHEAST				
Demersal Shelf Rockfish	201	1	0	201
Sablefish (Hook & Line)	2	0	0	2
Sablefish (Trawl)	0	10	0	10
ENTIRE GULF OF ALASKA				
Other Species	483	3922	196	4601
Thornyhead	37	191	0	229

TOTALS:	78958	26161	11506	116625

- Notes: 1) Pacific Ocean Perch is *Sebastes alutus* only.
 2) Species groups are defined at 50 CFR 672.20(a)(1).
 3) Pollock apportionments for subareas 61, 62, and 63 are for the 1st quarter only.

1992 GULF OF ALASKA GROUND FISH DISCARDS
 IN ROUND METRIC TONS
 (Data is from Processor Weekly Production Reports through 04/05/92
 except Bering Sea A season pollock, which blends observer reports.)

	SHORESIDE			MOTHERSHIP		CATCHER-PROC	
	TOTAL CATCH	AT-SEA DISC.	PLANT DISC.	TOTAL CATCH	DISC.	TOTAL CATCH	DISC.
WEST, CENT PLCK 1st-2nd Qt							
Pollock Subarea 61	7800	958	116	2323	514	2452	618
Pollock Subarea 62	5400	56	1264	2	1	84	84
Pollock Subarea 63	13589	153	1529	1	0	114	112
WESTERN GULF							
Arrowtooth Flounder	67	60	7	23	23	723	691
Deep Water Flatfish	30	18	12	1	1	44	19
Shallow Water Flatfish	263	255	7	971	227	414	212
Flathead Sole	37	27	10	31	31	225	122
Pacific Ocean Perch	3	1	2	2	2	1052	164
Shortraker/Rougheye	0	0	0	0	0	62	5
Other Rockfish	9	7	2	7	7	290	201
Pacific Cod	18474	4	113	6086	87	9117	251
Pelagic Shelf Rockfish	1	0	0	0	0	23	5
Sablefish (Hook & Line)	0	0	0	0	0	0	0
Sablefish (Trawl)	0	0	0	0	0	6	1
CENTRAL GULF							
Arrowtooth Flounder	733	405	326	28	7	1859	1841
Deep Water Flatfish	345	4	5	1	0	469	62
Shallow Water Flatfish	772	94	109	29	15	177	42
Flathead Sole	124	2	9	0	0	75	20
Pacific Ocean Perch	11	6	2	1	1	1544	73
Shortraker/Rougheye	34	0	0	0	0	143	1
Other Rockfish	52	33	1	7	1	95	27
Pacific Cod	29879	22	150	1796	21	718	28
Pelagic Shelf Rockfish	162	10	14	1	1	8	3
Sablefish (Hook & Line)	11	0	0	0	0	1	0
Sablefish (Trawl)	38	0	0	0	0	60	1
EASTERN GULF							
Arrowtooth Flounder	0	0	0	0	0	621	619
Deep Water Flatfish	0	0	0	0	0	49	47
Shallow Water Flatfish	0	0	0	0	0	0	0
Flathead Sole	0	0	0	0	0	0	0
Pacific Ocean Perch	0	0	0	0	0	1201	32
Shortraker/Rougheye	1	0	0	0	0	282	0
Other Rockfish	8	0	0	0	0	21	16
Pelagic Shelf Rockfish	24	0	0	0	0	12	0
Pacific Cod	364	60	0	0	0	8	1
Pollock	0	0	0	0	0	25	23
WEST YAKUTAT							
Sablefish (Hook & Line)	1	1	0	0	0	0	0
Sablefish (Trawl)	0	0	0	0	0	63	0
SOUTHEAST							
Demersal Shelf Rockfish	201	0	0	0	0	1	0
Sablefish (Hook & Line)	2	0	0	0	0	0	0
Sablefish (Trawl)	0	0	0	0	0	10	0
ENTIRE GULF OF ALASKA							
Other Species	483	164	226	196	193	3922	366
Thornyhead	37	1	3	0	0	191	5

TOTALS:	78955	2341	3907	11506	1132	26161	5692

NMFS/AKR
04/09/92

1992 GULF OF ALASKA FISHERIES
HALIBUT BYCATCH MORTALITY

HOOK & LINE ALLOWANCE
1st Trimester
200 MT MORTALITY

TRAWL ALLOWANCE
1st & 2nd Quarter
1200 MT MORTALITY

WED	HOOK & LINE ALLOWANCE		TRAWL ALLOWANCE	
	WEEK	MORT MT	WEEK	MORT MT
01/05/92	1	0.7%	1	0.7%
01/12/92	8	4.0%	9	4.7%
01/19/92	5	2.7%	15	7.3%
01/26/92	9	4.3%	23	11.6%
02/02/92	6	2.9%	29	14.5%
02/09/92	11	5.6%	40	20.1%
02/16/92	20	9.9%	60	30.0%
02/23/92	11	5.6%	71	35.6%
03/01/92	15	7.3%	86	42.9%
03/08/92	13	6.4%	99	49.3%
03/15/92	19	9.6%	118	58.9%

Use 'Y' for YES or 'N' for NO.
More [Y,n]?

03/22/92	23	11.5%	141	70.4%
03/29/92	16	8.1%	157	78.4%
04/05/92	20	10.0%	177	88.4%

Data based on observer reports, extrapolated to total groundfish harvest. Estimates for all weeks may change due to incorporation of late or corrected data.

NMFS/AKR
04/09/92

1992 GULF OF ALASKA FISHERIES
CHINOOK & OTHER SALMON BYCATCH

TRAWL GEAR

WEEK	CHINOOK SALMON		'OTHER' SALMON	
	WEEKLY NUMBER	CUMULATIVE NUMBER	WEEKLY NUMBER	CUMULATIVE NUMBER
01/26	1086	1086	6	6
02/02	1173	2259	33	39
02/09	693	2952	0	39
02/16	41	2993	1	41
02/23	1131	4124	0	41
03/01	1093	5217	157	198
03/08	956	6173	0	198
03/15	819	6992	0	198
03/22	454	7446	0	198
03/29	77	7523	0	198
04/05	507	8031	0	198

NOTE: No PSC Limits apply to salmon.

Data based on observer reports, extrapolated to total groundfish harvest. Estimates for all weeks may change due to incorporation of late or corrected data.

1992 Halibut and Chinook Salmon Bycatch by target fishery, zone and mode
in the Gulf of Alaska
Trawl Gear

KEY	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
B 610 M	286.24	0.00	0.00	0.00	0.00
B 610 P	1373.72	0.00	0.00	0.00	0.00
B 610 S	6402.74	9.81	1.53	71.98	0.01
B 620 S	692.26	0.46	0.66	34.62	0.05
B 630 P	1.78	0.01	2.98	0.07	0.04
B 630 S	5317.60	10.81	2.03	573.87	0.11
C 610 M	7598.58	61.24	8.06	198.95	0.03
C 610 P	3960.33	109.37	27.62	352.00	0.09
C 610 S	19309.12	163.16	8.45	664.09	0.03
C 620 M	1583.41	18.54	11.71	76.41	0.05
C 620 P	367.22	10.71	29.16	9.25	0.03
C 620 S	8120.03	88.66	10.92	472.16	0.06
C 630 M	94.90	1.94	20.40	11.52	0.12
C 630 P	225.96	9.43	41.72	450.16	1.99
C 630 S	10618.55	259.07	24.40	1626.44	0.15
D 620 P	203.17	2.57	12.66	123.93	0.61
D 630 P	1193.04	98.85	82.85	104.92	0.09
D 630 S	8.22	0.63	77.10	0.00	0.00
H 620 P	27.12	0.16	5.75	0.00	0.00
H 630 P	212.17	9.12	43.01	0.00	0.00
H 630 S	212.23	16.36	77.10	0.00	0.00
K 610 P	1198.14	32.87	27.44	288.89	0.24
K 620 P	2087.20	77.29	37.03	843.52	0.40
K 620 S	78.94	2.84	35.93	0.00	0.00
K 630 P	934.09	60.75	65.04	20.84	0.02
K 640 P	1932.37	181.91	94.14	0.00	0.00
K 650 P	502.08	23.30	46.41	107.34	0.21
O 610 M	26.08	0.52	20.03	0.00	0.00
O 610 P	4922.34	91.08	18.50	209.31	0.04
P 610 M	1421.23	0.00	0.00	0.00	0.00
P 610 P	449.27	0.00	0.00	4.14	0.01
P 610 S	361.16	0.00	0.00	0.00	0.00
P 620 S	4823.66	1.90	0.39	1066.53	0.22
P 630 S	8641.11	1.02	0.12	719.67	0.08
W 610 P	0.19	0.00	23.68	0.00	0.00
W 610 S	0.39	0.00	0.00	0.00	0.00
W 620 M	0.10	0.00	0.00	0.00	0.00
W 620 P	22.20	2.22	99.97	0.00	0.00
W 630 S	3.94	0.00	0.00	0.00	0.00

1992 Groundfish Targets

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin sole	BSAI

1992 Halibut and Chinook Salmon Bycatch by target fishery, zone and mode
in the Gulf of Alaska

Hook & Line Gear

KEY	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
B 630 S	6.51	0.64	98.75	0.00	0.00
C 610 M	120.90	5.30	43.82	0.00	0.00
C 610 P	6270.47	325.47	51.91	0.00	0.00
C 610 S	394.58	19.23	48.73	0.00	0.00
C 620 M	19.82	1.96	98.75	0.00	0.00
C 620 P	36.15	6.29	174.09	0.00	0.00
C 620 S	343.86	33.96	98.75	0.00	0.00
C 630 M	120.08	15.11	125.83	0.00	0.00
C 630 P	189.04	25.03	132.42	0.00	0.00
C 630 S	4370.05	591.82	135.43	0.00	0.00
C 640 S	47.84	4.72	98.75	0.00	0.00
C 649 M	46.65	4.61	98.75	0.00	0.00
C 649 S	225.59	22.28	98.75	0.00	0.00
C 650 S	198.25	19.58	98.75	0.00	0.00
C 659 P	0.99	0.10	98.75	0.00	0.00
C 659 S	24.50	2.42	98.75	0.00	0.00
More [Y,n]?					
H 630 S	4.04	0.40	98.75	0.00	0.00
K 630 S	0.21	0.02	98.76	0.00	0.00
K 640 S	4.78	0.47	98.75	0.00	0.00
K 650 P	0.11	0.00	0.00	0.00	0.00
K 650 S	239.34	23.63	98.75	0.00	0.00
K 659 S	1.10	0.11	98.75	0.00	0.00
O 630 S	0.29	0.03	98.76	0.00	0.00
S 630 S	18.10	1.79	98.75	0.00	0.00
S 650 S	0.67	0.07	98.75	0.00	0.00
W 630 S	0.05	0.00	98.80	0.00	0.00
W 649 M	0.34	0.03	98.76	0.00	0.00
W 650 P	0.03	0.00	98.67	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested
in the target fishery.

The KEY is composed of a target fishery, the zone (subarea),
and the processing mode. Targets and modes are defined below.
More [Y,n]?

1992 Groundfish Targets

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin sole	BSAI

* Pollock targets defined by catch composition, not reported gear type.

1992 Halibut and Chinook Salmon Bycatch by target fishery, zone and mode in the Gulf of Alaska

Pot Gear

KEY	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
C 610 M	167.95	0.15	0.90	0.00	0.00
C 610 P	53.04	1.04	19.55	0.00	0.00
C 610 S	273.46	0.24	0.87	0.00	0.00
C 620 M	5.03	0.02	3.05	0.00	0.00
C 620 S	1803.73	2.69	1.49	0.00	0.00
C 630 M	61.66	0.26	4.17	0.00	0.00
C 630 S	6543.24	29.91	4.57	0.00	0.00
C 640 S	113.66	0.00	0.00	0.00	0.00
C 649 M	10.23	0.00	0.00	0.00	0.00
C 649 S	166.10	0.00	0.00	0.00	0.00
O 630 S	4.34	0.00	0.00	0.00	0.00
W 610 S	0.92	0.00	0.00	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested in the target fishery.

The KEY is composed of a target fishery, the zone (subarea), and the processing mode. Targets and modes are defined below.

1992 Groundfish Targets

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin sole	BSAI

* Pollock targets defined by catch composition, not reported gear type.

Modes

M	Mothership
P	Catcher/Processor
S	Shore Plant

1992 Halibut and Chinook Salmon Bycatch by target fishery and week
in the Gulf of Alaska

Trawl Gear

KEY	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
B 01/26/92	703.60	0.55	0.79	18.35	0.03
B 02/02/92	2961.70	7.07	2.39	508.59	0.17
B 02/09/92	3243.06	13.40	4.13	140.17	0.04
B 02/16/92	79.43	0.06	0.78	13.43	0.17
B 03/08/92	780.83	0.00	0.00	0.00	0.00
B 03/15/92	6305.72	0.00	0.00	0.00	0.00
C 01/26/92	1189.71	9.45	7.94	0.00	0.00
C 02/02/92	1287.84	10.74	8.34	0.00	0.00
C 02/09/92	1876.39	12.77	6.81	0.07	0.00
C 02/16/92	5711.35	47.87	8.38	27.95	0.00
C 02/23/92	7178.37	70.50	9.82	515.33	0.07
C 03/01/92	11322.59	170.05	15.02	1053.45	0.09
C 03/08/92	8022.41	98.62	12.29	660.04	0.08
C 03/15/92	7119.88	94.46	13.27	815.28	0.11
C 03/22/92	5206.99	76.28	14.65	433.44	0.08
C 03/29/92	496.18	12.56	25.31	77.11	0.16
C 04/05/92	2466.39	118.82	48.17	278.31	0.11
D 01/26/92	8.22	0.63	77.10	0.00	0.00
D 03/08/92	126.45	19.82	156.76	0.00	0.00
D 03/15/92	66.04	5.09	77.10	0.00	0.00
D 03/22/92	73.58	6.74	91.61	0.00	0.00
D 04/05/92	1130.14	69.77	61.73	228.85	0.20
H 02/16/92	74.55	5.75	77.10	0.00	0.00
H 03/01/92	66.22	3.17	47.88	0.00	0.00
H 03/08/92	145.44	11.21	77.10	0.00	0.00
H 03/15/92	77.88	3.07	39.36	0.00	0.00
H 03/22/92	70.05	1.11	15.79	0.00	0.00
H 03/29/92	17.38	1.34	77.10	0.00	0.00
K 02/02/92	226.48	1.63	7.20	62.57	0.28
K 02/09/92	289.88	15.38	53.04	226.32	0.78
K 02/23/92	946.92	19.90	21.02	615.55	0.65
K 03/01/92	1035.89	32.23	31.11	39.80	0.04
K 03/08/92	1352.34	98.31	72.70	295.51	0.22
K 03/15/92	1676.41	85.90	51.24	0.00	0.00
K 03/22/92	1125.96	122.78	109.04	20.84	0.02
K 03/29/92	78.94	2.84	35.93	0.00	0.00
O 01/26/92	1569.44	25.50	16.25	208.88	0.13
O 02/02/92	2461.44	48.58	19.74	0.43	0.00
O 02/09/92	47.49	0.52	11.00	0.00	0.00
O 02/16/92	634.12	12.53	19.76	0.00	0.00
O 03/01/92	84.09	2.41	28.61	0.00	0.00
O 03/08/92	124.30	2.01	16.16	0.00	0.00
O 03/15/92	27.54	0.05	1.93	0.00	0.00
P 01/26/92	3952.19	1.54	0.39	858.67	0.22
P 02/02/92	4113.23	0.75	0.18	601.47	0.15
P 02/09/92	5399.35	0.63	0.12	326.06	0.06
P 03/08/92	498.31	0.00	0.00	0.00	0.00
P 03/15/92	1733.35	0.00	0.00	4.14	0.00
W 02/02/92	3.94	0.00	0.00	0.00	0.00
W 02/23/92	0.17	0.00	26.47	0.00	0.00
W 03/01/92	22.20	2.22	99.97	0.00	0.00
W 03/08/92	0.02	0.00	0.00	0.00	0.00
W 03/22/92	0.10	0.00	0.00	0.00	0.00
W 03/29/92	0.39	0.00	0.00	0.00	0.00

1992 Halibut and Chinook Salmon Bycatch by target fishery and week
in the Gulf of Alaska

Hook & Line Gear

KEY	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
B 02/09/92	6.51	0.64	98.75	0.00	0.00
C 01/05/92	48.53	8.57	176.68	0.00	0.00
C 01/12/92	525.29	49.33	93.91	0.00	0.00
C 01/19/92	409.84	32.05	78.21	0.00	0.00
C 01/26/92	700.66	52.56	75.02	0.00	0.00
C 02/02/92	516.79	34.21	66.21	0.00	0.00
C 02/09/92	963.05	67.22	69.80	0.00	0.00
C 02/16/92	1684.44	120.62	71.61	0.00	0.00
C 02/23/92	1344.56	69.11	51.40	0.00	0.00
C 03/01/92	1910.41	89.90	47.06	0.00	0.00
C 03/08/92	1174.99	76.66	65.24	0.00	0.00
C 03/15/92	793.13	118.24	149.08	0.00	0.00
C 03/22/92	965.92	139.11	144.02	0.00	0.00
C 03/29/92	621.68	97.40	156.66	0.00	0.00
C 04/05/92	749.48	122.89	163.96	0.00	0.00
H 03/01/92	4.04	0.40	98.75	0.00	0.00
K 01/05/92	0.20	0.02	98.75	0.00	0.00
K 01/12/92	5.00	0.49	98.75	0.00	0.00
K 01/19/92	13.17	1.29	97.93	0.00	0.00
K 01/26/92	6.10	0.60	98.75	0.00	0.00
K 02/02/92	7.10	0.70	98.75	0.00	0.00
K 02/09/92	17.20	1.70	98.75	0.00	0.00
K 02/16/92	31.32	3.09	98.75	0.00	0.00
K 02/23/92	9.92	0.98	98.75	0.00	0.00
K 03/01/92	3.54	0.35	98.75	0.00	0.00
K 03/08/92	37.45	3.70	98.75	0.00	0.00
K 03/15/92	16.13	1.59	98.75	0.00	0.00
K 03/22/92	46.75	4.62	98.75	0.00	0.00
K 03/29/92	35.60	3.52	98.75	0.00	0.00
K 04/05/92	16.06	1.59	98.75	0.00	0.00
O 03/22/92	0.17	0.02	98.76	0.00	0.00
O 03/29/92	0.12	0.01	98.75	0.00	0.00
More [Y,n]?					
S 02/02/92	18.35	1.81	98.75	0.00	0.00
S 02/16/92	0.12	0.01	98.75	0.00	0.00
S 02/23/92	0.15	0.01	98.73	0.00	0.00
S 03/01/92	0.04	0.00	98.75	0.00	0.00
S 03/15/92	0.11	0.01	98.73	0.00	0.00
W 01/19/92	0.03	0.00	98.67	0.00	0.00
W 02/16/92	0.34	0.03	98.76	0.00	0.00
W 03/08/92	0.05	0.00	98.80	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested in the target fishery.

The KEY is composed of a target fishery, the zone (subarea), and the processing mode. Targets and modes are defined below.

1992 Groundfish Targets

- A Atka Mackerel BSAI
- B Pollock -- bottom* BSAI,GOA
- C Pacific Cod BSAI,GOA
- D Deep Water Flatfish GOA

1992 Halibut and Chinook Salmon Bycatch by target fishery and week
in the Gulf of Alaska

Pot Gear

KEY	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
C 01/05/92	21.25	0.00	0.00	0.00	0.00
C 01/12/92	135.08	1.04	7.68	0.00	0.00
C 01/19/92	106.11	0.00	0.00	0.00	0.00
C 01/26/92	149.77	0.00	0.00	0.00	0.00
C 02/02/92	123.75	0.00	0.00	0.00	0.00
C 02/09/92	395.56	0.12	0.30	0.00	0.00
C 02/16/92	649.82	0.16	0.25	0.00	0.00
C 02/23/92	889.90	0.37	0.42	0.00	0.00
C 03/01/92	988.01	1.20	1.22	0.00	0.00
C 03/08/92	999.49	1.88	1.88	0.00	0.00
C 03/15/92	1133.21	4.02	3.55	0.00	0.00
C 03/22/92	1426.07	8.26	5.79	0.00	0.00
C 03/29/92	1052.77	7.07	6.71	0.00	0.00
C 04/05/92	1127.31	10.17	9.02	0.00	0.00
O 03/01/92	1.30	0.00	0.00	0.00	0.00
O 03/15/92	2.03	0.00	0.00	0.00	0.00
O 03/29/92	1.01	0.00	0.00	0.00	0.00
W 02/09/92	0.20	0.00	0.00	0.00	0.00
W 02/16/92	0.42	0.00	0.00	0.00	0.00
W 02/23/92	0.28	0.00	0.00	0.00	0.00
W 03/29/92	0.02	0.00	0.00	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested in the target fishery.

The KEY is composed of a target fishery, the zone (subarea), and the processing mode. Targets and modes are defined below.

1992 Groundfish Targets

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
More [Y,n]?		
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin soie	BSAI

* Pollock targets defined by catch composition, not reported gear type.

Modes

M	Mothership
P	Catcher/Processor
S	Shore Plant

1992 Bairdi tanner and red king crab bycatch by target fishery and week
in the Gulf of Alaska

Trawl Gear

KEY	Groundfish Tons	Bairdi Bycatch	Bairdi per mt	Red King Bycatch	Red King per mt
B 01/26/92	703.60	15.19	0.02	0.00	0.00
B 02/02/92	2961.70	136.65	0.05	0.00	0.00
B 02/09/92	3243.06	31.33	0.01	0.00	0.00
B 02/16/92	79.43	0.48	0.01	0.00	0.00
B 03/08/92	780.83	0.00	0.00	0.00	0.00
B 03/15/92	6305.72	0.00	0.00	0.00	0.00
C 01/26/92	1189.71	569.68	0.48	0.00	0.00
C 02/02/92	1287.84	449.21	0.35	12.49	0.01
C 02/09/92	1876.39	596.95	0.32	0.00	0.00
C 02/16/92	5711.35	1627.09	0.28	0.00	0.00
C 02/23/92	7178.37	2365.30	0.33	0.00	0.00
C 03/01/92	11322.59	5337.94	0.47	0.00	0.00
C 03/08/92	8022.41	3821.32	0.48	0.00	0.00
C 03/15/92	7119.88	8881.32	1.25	0.00	0.00
C 03/22/92	5206.99	3805.25	0.73	0.00	0.00
C 03/29/92	496.18	610.21	1.23	0.00	0.00
C 04/05/92	2466.39	1082.34	0.44	0.00	0.00
D 01/26/92	8.22	0.00	0.00	0.00	0.00
D 03/08/92	126.45	0.00	0.00	0.00	0.00
D 03/15/92	66.04	0.00	0.00	0.00	0.00
D 03/22/92	73.58	0.00	0.00	0.00	0.00
D 04/05/92	1130.14	19159.93	16.95	0.00	0.00
H 02/16/92	74.55	0.00	0.00	0.00	0.00
H 03/01/92	66.22	0.00	0.00	0.00	0.00
H 03/08/92	145.44	0.00	0.00	0.00	0.00
H 03/15/92	77.88	0.00	0.00	0.00	0.00
H 03/22/92	70.05	0.00	0.00	0.00	0.00
H 03/29/92	17.38	0.00	0.00	0.00	0.00
K 02/02/92	226.48	0.00	0.00	0.00	0.00
K 02/09/92	289.88	0.00	0.00	0.00	0.00
K 02/23/92	946.92	0.00	0.00	0.00	0.00
K 03/01/92	1035.89	10.67	0.01	0.00	0.00
K 03/08/92	1352.34	0.00	0.00	0.00	0.00
K 03/15/92	1676.41	408.32	0.24	0.00	0.00
K 03/22/92	1125.96	474.83	0.42	0.00	0.00
K 03/29/92	78.94	0.00	0.00	0.00	0.00
O 01/26/92	1569.44	213.73	0.14	0.00	0.00
O 02/02/92	2461.44	0.00	0.00	0.00	0.00
O 02/09/92	47.49	0.52	0.01	0.00	0.00
O 02/16/92	634.12	39.67	0.06	0.00	0.00
O 03/01/92	84.09	0.00	0.00	0.00	0.00
O 03/08/92	124.30	0.00	0.00	0.00	0.00
O 03/15/92	27.54	0.00	0.00	0.00	0.00
P 01/26/92	3952.19	0.00	0.00	0.00	0.00
P 02/02/92	4113.23	0.00	0.00	0.00	0.00
P 02/09/92	5399.35	0.00	0.00	0.00	0.00
P 03/08/92	498.31	0.00	0.00	0.00	0.00
P 03/15/92	1733.35	0.00	0.00	0.00	0.00
W 02/02/92	3.94	0.00	0.00	0.00	0.00
W 02/23/92	0.17	0.00	0.00	0.00	0.00
W 03/01/92	22.20	0.00	0.00	0.00	0.00
W 03/08/92	0.02	0.00	0.00	0.00	0.00
W 03/22/92	0.10	0.00	0.00	0.00	0.00
W 03/29/92	0.39	0.00	0.00	0.00	0.00

National Marine Fisheries Service
P.O. Box 21668
Juneau, Alaska 99802-1668

Prepared: 04/17/92 at 07:35 AM
NMFS/AKR Fish Management
(907) 586-7229

1992 BERING SEA & ALEUTIANS APPORTIONMENTS TO DOMESTIC
ANNUAL PROCESSING (DAP) AND PRELIMINARY CATCH IN ROUND METRIC TONS
(Data is from Processor Weekly Production Reports through 04/12/92
except Bering Sea A season pollock, which blends observer reports.)

	TOTAL CATCH	DAP APPORT.	REMAINING FOR DAP	% TAKEN
BERING SEA				
Other Rockfish	124	340	216	36
Pacific Ocean Perch	1462	3009	1547	49
Other Red Rockfish	138	1190	1052	12
Pollock "A" Season	515048	442000	-73048	117
Sablefish (Fixed Gear)	80	595	515	13
Sablefish (Trawl)	14	595	581	2
ALEUTIAN ISLANDS				
Other Rockfish	357	786	429	45
Pacific Ocean Perch	3342	9945	6603	34
Sharpchin/Northern	487	4820	4333	10
Shortraker/Rougheye	546	1037	491	53
Pollock "A" Season	27937	43860	15923	64
Sablefish (Fixed Gear)	476	1912	1436	25
Sablefish (Trawl)	8	638	630	1
BERING SEA & ALEUTIANS				
Arrowtooth Flounder	3359	8500	5141	40
Atka Mackerel	37929	36550	-1379	104
Greenland Turbot	317	5950	5633	5
Other Flatfish	9008	67150	58142	13
Other Species	7085	17000	9915	42
Pacific Cod	74487	154700	80213	48
Rock Sole	23786	34000	10214	70
Squid	129	1700	1571	8
Yellowfin Sole	3381	199750	196369	2
BOGOSLOF				
Pollock	81	850	769	10

TOTALS:	709581	1036877	327296	68
TOTALS BY SPECIES				
Arrowtooth Flounder	3359	8500	5141	40
Atka Mackerel	37929	36550	-1379	104
Greenland Turbot	317	5950	5633	5
Other Flatfish	9008	67150	58142	13
Other Red Rockfish	138	1190	1052	12
Other Rockfish	481	1126	645	43
Other Species	7085	17000	9915	42
Pacific Cod	74487	154700	80213	48
Pacific Ocean Perch	4804	12954	8150	37
Pollock	543066	486710	-56356	112
Rock Sole	23786	34000	10214	70
Sablefish	578	3740	3162	15
Sharpchin/Northern	487	4820	4333	10
Shortraker/Rougheye	546	1037	491	53
Squid	129	1700	1571	8
Yellowfin Sole	3381	199750	196369	2

- Notes: 1) Pacific Ocean Perch is *Sebastes alutus* only.
2) Other Red Rockfish includes shortraker, rougheye, Northern and sharpchin rockfishes (BERING SEA ONLY).
3) Species groups are defined at 50 CFR 675.20(a)(1)

1992 BERING SEA & ALEUTIANS REPORT ON DAP HARVEST
BY GEAR TYPE
(includes weekly production reports through 04/12/92
except Bering Sea A season pollock, which blends observer reports.)

	TRAWL	H&L	POT	OTH	TOTAL
BERING SEA					
Other Rockfish	117	7	0	0	124
Pacific Ocean Perch	1460	1	0	0	1461
Other Red Rockfish	133	5	0	0	138
Pollock "A" Season	514132	912	0	5	515048
Sablefish (Fixed Gear)	0	80	0	0	80
Sablefish (Trawl)	14	0	0	0	14
ALEUTIAN ISLANDS					
Other Rockfish	265	92	0	0	357
Pacific Ocean Perch	3341	2	0	0	3343
Sharpchin/Northern	486	1	0	0	487
Shortraker/Rougheye	532	14	0	0	546
Pollock "A" Season	27935	2	0	0	27937
Sablefish (Fixed Gear)	0	476	0	0	476
Sablefish (Trawl)	8	0	0	0	8
BERING SEA & ALEUTIANS					
Arrowtooth Flounder	3185	174	0	0	3359
Atka Mackerel	37926	3	0	0	37929
Greenland Turbot	177	141	0	0	318
Other Flatfish	8971	38	0	0	9009
Other Species	4686	2400	0	0	7086
Pacific Cod	42546	31891	51	0	74488
Rock Sole	23781	6	0	0	23787
Squid	129	0	0	0	129
Yellowfin Sole	3381	0	0	0	3381
BOGOSLOF					
Pollock	79	1	0	0	80

TOTALS:	673284	36246	51	5	709585

- Notes: 1) Pacific Ocean Perch is *Sebastes alutus* only.
 2) Other Red Rockfish includes shortraker, rougheye, Northern and sharpchin rockfishes (BERING SEA ONLY).
 3) Species groups are defined at 50 CFR 675.2(a)(1)

1992 BERING SEA & ALEUTIANS REPORT ON DAP HARVEST
 BY PROCESSING MODE
 (includes weekly production reports through 04/05/92
 except Bering Sea A season pollock, which blends observer reports.)

	SHORESIDE	CATCHER PROCESS	MOTHER- SHIP	TOTAL
BERING SEA				
Other Rockfish	6	107	3	116
Pacific Ocean Perch	30	1158	0	1188
Other Red Rockfish	2	113	8	122
Pollock "A" Season	116741	326976	75742	519459
Sablefish (Fixed Gear)	22	21	0	44
Sablefish (Trawl)	3	11	0	14
ALEUTIAN ISLANDS				
Other Rockfish	0	251	0	251
Pacific Ocean Perch	0	2810	4	2814
Sharpchin/Northern	0	242	3	244
Shortraker/Rougheye	0	473	0	473
Pollock "A" Season	2437	18914	1483	22834
Sablefish (Fixed Gear)	21	365	7	393
Sablefish (Trawl)	0	7	0	7
BERING SEA & ALEUTIANS				
Arrowtooth Flounder	65	2791	83	2938
Atka Mackerel	51	31290	716	32058
Greenland Turbot	56	226	20	302
Other Flatfish	540	7827	383	8750
Other Species	283	6167	117	6566
Pacific Cod	10136	50606	5054	65796
Rock Sole	106	22786	575	23467
Squid	26	102	0	129
Yellowfin Sole	9	3267	17	3293
BOGOSLOF				
Pollock	1	79	0	81

TOTALS:	130536	476588	84215	691339

- Notes: 1) Pacific Ocean Perch is *Sebastes alutus* only.
 2) Other Red Rockfish includes shortraker, rougheye, Northern and sharpchin rockfishes (BERING SEA ONLY).
 3) Species groups are defined at 50 CFR 675.20(a)(1)

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Prepared: 04/09/92 at 6:50 PM
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1992 BERING SEA & ALEUTIANS GROUND FISH DISCARDS
IN ROUND METRIC TONS

(Data is from Processor Weekly Production Reports through 04/05/92
except Bering Sea A season pollock, which blends observer reports.)

	SHORESIDE			MOTHERSHIP		CATCHER-PROC	
	TOTAL CATCH	AT-SEA DISC.	PLANT DISC.	TOTAL CATCH	DISC.	TOTAL CATCH	DISC.
BERING SEA							
Other Rockfish	6	2	1	3	3	107	97
Pacific Ocean Perch	30	0	26	0	0	1158	132
Other Red Rockfish	2	1	0	8	8	113	56
Pollock "A" Season	116741	1	3280	75742	4805	326976	38605
Sablefish (Fixed Gear)	22	0	0	0	0	21	0
Sablefish (Trawl)	3	0	0	0	0	11	1
ALEUTIAN ISLANDS							
Other Rockfish	0	0	0	0	0	251	154
Pacific Ocean Perch	0	0	0	4	4	2810	496
Sharpchin/Northern	0	0	0	3	3	242	178
Shortraker/Rougheye	0	0	0	0	0	473	5
Pollock "A" Season	2437	0	0	1483	0	18914	280
Sablefish (Fixed Gear)	21	0	0	7	0	365	0
Sablefish (Trawl)	0	0	0	0	0	7	0
BERING SEA & ALEUTIANS							
Arrowtooth Flounder	65	32	2	83	83	2791	2681
Atka Mackerel	51	45	6	716	177	31290	2262
Greenland Turbot	56	10	7	20	20	226	146
Other Flatfish	540	178	14	383	381	7827	7117
Other Species	283	86	117	117	117	6167	5902
Pacific Cod	10136	47	296	5054	746	50606	4990
Rock Sole	106	88	11	575	376	22786	12451
Squid	26	0	1	0	0	102	101
Yellowfin Sole	9	6	0	17	17	3267	3210
BOGOSLOF							
Pollock	1	0	1	0	0	79	79

TOTALS:	130535	496	3762	84215	6740	476589	78943

1) Because of blend, all shoreside sector discard for
Bering Sea 'A' season pollock is listed as plant discard.

NMFS/AKR
04/09/92

1992 BERING SEA/ALEUTIAN ISLANDS FISHERIES
PROHIBITED SPECIES BYCATCH

Week Ending: 04/05/92

TRAWL HALIBUT, BSAI

Fishery group	Halibut (mt)	1st&2nd Quarter cap	% taken	Annual Primary cap	Annual Secondary cap
Pacific cod	666	1301	51.2%	1343	1537
Rock sole	652	661	98.7%	660	755
Other	1285	1221	105.2%	1479	1692
Rockfish	54	80	67.1%	175	200

TRAWL HERRING, BSAI

Fishery group	Herring (mt)	Cap (mt)	% taken
Pacific cod	2	29	8.3%
Midwater pollock	3	573	0.6%
Other	3	210	1.4%
Rockfish	0	10	0.0%

TRAWL SALMON, BSAI

Fishery group	Chinook (#'s)	Other (#'s)
Midwater pollock	15430	1087
Pacific cod	3514	49
Rock sole	29	36
Other	3524	351
Rockfish	446	0

TRAWL BAIRDI TANNER CRAB -- 1st Quarter

Fishery group	ZONE 1			ZONE 2		
	Crabs (#'s)	Cap (#'s)	%	Crabs (#'s)	Cap (#'s)	%
Pacific cod	87646	75000	116.9%	51809	712500	7.3%
Rock sole	471319	700000	67.3%	13415	300000	4.5%
Other	194144	125000	155.3%	308548	712500	43.3%
Rockfish	0	0	0.0%	883	50000	1.8%

TRAWL RED KING CRAB

Fishery group	ZONE 1		
	Crabs (#'s)	Cap (#'s)	%
Pacific cod	151	10000	1.5%
Rock sole	43513	85000	51.2%
Other	31095	30000	103.7%

1992 Halibut and Chinook Salmon Bycatch by target fishery, zone and mode
in the Bering Sea and Aleutian Islands

KEY	Trawl Gear				
	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
A 518 P	1623.02	2.23	1.37	8.75	0.01
A 519 M	2.08	0.01	3.25	0.00	0.00
A 519 P	384.55	4.29	11.16	0.00	0.00
A 540 M	747.85	1.04	1.40	0.00	0.00
A 540 P	32900.89	66.82	2.03	22.71	0.00
B 511 M	1635.90	17.08	10.44	79.14	0.05
B 511 P	25749.53	201.86	7.84	476.70	0.02
B 511 S	1875.30	15.67	8.36	79.63	0.04
B 513 P	11484.73	69.86	6.08	0.00	0.00
B 516 P	996.64	16.04	16.10	0.00	0.00
B 517 M	1561.59	9.38	6.01	250.02	0.16
B 517 P	10118.22	103.72	10.25	432.58	0.04
B 517 S	20247.13	81.57	4.03	1138.03	0.06
B 519 M	346.46	0.37	1.06	0.00	0.00
B 519 P	146.99	0.01	0.09	0.00	0.00
B 519 S	513.70	0.17	0.33	21.26	0.04
B 521 P	10681.63	35.16	3.29	1009.72	0.09
B 540 P	301.66	0.26	0.85	5.76	0.02
C 511 M	623.17	12.42	19.93	0.00	0.00
C 511 P	3612.31	65.16	18.04	0.00	0.00
C 511 S	30.82	0.62	20.22	0.00	0.00
C 513 P	32.85	0.38	11.64	0.00	0.00
C 517 M	4889.37	156.86	32.08	565.60	0.12
C 517 P	3042.90	128.98	42.39	546.14	0.18
C 517 S	4969.96	129.81	26.12	428.94	0.09
C 518 P	179.45	0.23	1.29	0.00	0.00
C 518 S	1000.30	12.66	12.66	7.23	0.01
C 519 M	262.66	20.13	76.65	23.34	0.09
C 519 P	108.24	8.71	80.46	3.25	0.03
C 519 S	74.57	3.98	53.35	5.74	0.08
C 521 P	7620.76	85.11	11.17	1390.88	0.18
C 522 P	3758.15	30.17	8.03	540.87	0.14
C 540 P	4486.76	10.58	2.36	1.61	0.00
K 517 P	95.04	4.25	44.67	0.00	0.00
K 518 P	553.50	11.69	21.11	77.16	0.14
K 521 P	717.36	8.71	12.14	369.22	0.51
K 522 P	319.48	3.18	9.95	0.00	0.00
K 540 P	2703.95	25.86	9.56	0.00	0.00
P 511 M	26579.80	78.12	2.94	1302.16	0.05
P 511 P	54640.90	286.52	5.24	2746.77	0.05
P 511 S	21827.30	10.31	0.47	1269.15	0.06
P 513 M	1733.71	4.39	2.53	0.00	0.00
P 513 P	19251.04	53.64	2.79	25.12	0.00
P 515 S	1667.66	0.00	0.00	0.00	0.00
P 517 M	29342.28	44.39	1.51	1496.85	0.05
P 517 P	63761.24	89.87	1.41	1933.09	0.03
P 517 S	32618.98	13.04	0.40	2780.36	0.09
P 519 M	3935.83	0.10	0.03	52.47	0.01
P 519 P	11021.55	0.87	0.08	255.91	0.02
P 519 S	43143.92	0.80	0.02	881.66	0.02
P 521 M	1235.24	1.49	1.21	53.35	0.04
P 521 P	62483.29	75.35	1.21	1842.18	0.03
P 540 M	1482.82	0.00	0.00	51.65	0.03
P 540 P	18419.05	0.37	0.02	629.49	0.03
P 540 S	2457.88	0.00	0.00	109.46	0.04
R 511 M	274.78	6.13	22.31	0.00	0.00

R 511 P	21995.51	472.15	21.47	0.00	0.00
R 513 P	930.22	2.97	3.19	0.00	0.00
R 516 P	11732.79	146.11	12.45	0.00	0.00
R 517 P	1328.38	23.06	17.36	0.00	0.00
R 521 P	10.78	0.27	24.86	0.00	0.00
Y 511 M	36.70	0.00	0.00	0.00	0.00
Y 511 P	3.88	0.46	118.91	0.00	0.00
Y 513 P	44.40	0.11	2.53	0.00	0.00
Y 516 P	109.69	0.37	3.40	0.00	0.00
Y 517 P	32.19	0.54	16.83	0.00	0.00
Y 519 P	7.30	0.00	0.00	0.00	0.00
Y 521 P	135.66	0.05	0.34	29.43	0.22
Y 540 P	0.03	0.00	0.00	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested in the target fishery.

The KEY is composed of a target fishery, the zone (subarea), and the processing mode. Targets and modes are defined below.

1992 Groundfish Targets

More {Y,n}?

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin sole	BSAI

* Pollock targets defined by catch composition, not reported gear type.

Modes

M	Mothership
P	Catcher/Processor
S	Shore Plant

1992 Halibut and Chinook Salmon Bycatch by target fishery, zone and mode
in the Bering Sea and Aleutian Islands

Hook & Line Gear

KEY	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
C 511 P	222.52	5.74	25.77	0.00	0.00
C 513 P	15.71	0.85	53.95	0.00	0.00
C 515 P	101.38	3.03	29.86	0.00	0.00
C 517 M	14.86	0.82	55.48	0.00	0.00
C 517 P	1846.71	139.17	75.36	0.00	0.00
C 517 S	6.55	0.73	111.55	0.00	0.00
C 518 P	328.70	24.10	73.32	0.00	0.00
C 519 P	285.10	12.73	44.66	0.00	0.00
C 519 S	3.08	0.09	29.87	0.00	0.00
C 521 P	23785.40	280.93	11.81	3.87	0.00
C 522 P	2331.20	50.42	21.63	4.60	0.00
C 540 P	4033.50	91.55	22.70	0.00	0.00
S 511 S	4.52	0.48	105.24	0.00	0.00
S 515 P	0.58	0.06	105.24	0.00	0.00
S 517 P	1.35	0.14	105.24	0.00	0.00
S 517 S	26.51	1.42	53.75	0.00	0.00
S 518 P	15.09	1.59	105.24	0.00	0.00
S 519 P	7.69	0.81	105.24	0.00	0.00
S 519 S	4.52	0.48	105.24	0.00	0.00
S 540 M	6.76	0.21	31.34	0.00	0.00
S 540 P	515.08	41.74	81.03	0.00	0.00
S 540 S	26.46	1.36	51.56	0.00	0.00
Y 519 P	0.25	0.01	27.76	0.00	0.00
Y 521 P	2.27	0.06	27.73	0.00	0.00
Y 540 M	0.95	0.03	27.74	0.00	0.00
Y 540 P	0.28	0.01	27.71	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested in the target fishery.

The KEY is composed of a target fishery, the zone (subarea), and the processing mode. Targets and modes are defined below.

1992 Groundfish Targets

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin sole	BSAI

* Pollock targets defined by catch composition, not reported gear type.

Modes

M	Mothership
P	Catcher/Processor
S	Shore Plant

1992 Halibut and Chinook Salmon Bycatch by target fishery, zone and mode
in the Bering Sea and Aleutian Islands

KEY	Pot Gear				
	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
C 511 S	6.58	0.00	0.00	0.00	0.00
C 515 S	14.31	0.00	0.00	0.00	0.00
C 517 S	27.30	0.00	0.00	0.00	0.00
C 519 S	2.00	0.00	0.00	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested in the target fishery.

The KEY is composed of a target fishery, the zone (subarea), and the processing mode. Targets and modes are defined below.

1992 Groundfish Targets

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin sole	BSAI

* Pollock targets defined by catch composition, not reported gear type.

Modes

M	Mothership
P	Catcher/Processor
S	Shore Plant

1992 Halibut and Chinook Salmon Bycatch by target fishery and week
in the Bering Sea and Aleutian Islands

Trawl Gear

KEY	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
A 01/26/92	1434.52	0.70	0.49	0.00	0.00
A 02/02/92	1719.38	0.90	0.52	0.00	0.00
A 02/09/92	1738.01	7.13	4.10	0.00	0.00
A 02/16/92	1530.71	0.00	0.00	0.00	0.00
A 02/23/92	644.58	0.65	1.00	0.00	0.00
A 03/01/92	391.83	0.79	2.01	0.00	0.00
A 03/08/92	1186.32	0.00	0.00	0.00	0.00
A 03/15/92	3738.50	4.10	1.10	0.00	0.00
A 03/22/92	8533.18	23.47	2.75	16.88	0.00
A 03/29/92	8614.31	9.28	1.08	3.47	0.00
A 04/05/92	6127.05	27.39	4.47	11.11	0.00
B 01/26/92	10616.80	34.94	3.29	351.18	0.03
B 02/02/92	16664.19	80.68	4.84	595.43	0.04
B 02/09/92	13303.50	101.94	7.66	274.98	0.02
B 02/16/92	10069.57	119.06	11.82	187.12	0.02
B 02/23/92	7973.91	61.62	7.73	22.69	0.00
B 03/01/92	15488.07	101.50	6.55	1179.19	0.08
B 03/08/92	9938.77	37.47	3.77	869.69	0.09
B 03/15/92	1025.36	1.15	1.12	1.53	0.00
B 03/22/92	76.72	0.00	0.00	0.00	0.00
B 03/29/92	502.59	12.80	25.47	11.03	0.02
C 01/26/92	269.96	6.62	24.51	0.00	0.00
C 02/02/92	3355.12	76.17	22.70	9.50	0.00
C 02/09/92	3542.11	84.32	23.80	15.32	0.00
C 02/16/92	2807.66	47.96	17.08	103.18	0.04
C 02/23/92	185.76	4.01	21.58	0.00	0.00
C 03/08/92	711.23	26.07	36.66	60.02	0.08
C 03/15/92	7360.57	128.11	17.41	1575.21	0.21
C 03/22/92	6836.87	133.39	19.51	1022.73	0.15
C 03/29/92	5851.23	115.13	19.68	527.38	0.09
C 04/05/92	3771.76	44.05	11.68	200.26	0.05
K 02/23/92	1462.68	1.05	0.71	0.00	0.00
K 03/01/92	944.37	7.53	7.98	0.00	0.00
K 03/08/92	500.96	8.56	17.09	165.43	0.33
More [Y,n]?					
K 03/15/92	675.53	17.51	25.91	203.79	0.30
K 03/22/92	240.81	5.03	20.89	0.00	0.00
K 03/29/92	336.58	8.07	23.96	52.60	0.16
K 04/05/92	228.40	5.93	25.98	24.56	0.11
P 01/26/92	42516.06	115.19	2.71	4646.34	0.11
P 02/02/92	57643.29	137.29	2.38	1816.11	0.03
P 02/09/92	51306.91	131.11	2.56	1708.33	0.03
P 02/16/92	44332.93	119.45	2.69	1223.96	0.03
P 02/23/92	64262.53	66.42	1.03	1874.76	0.03
P 03/01/92	62132.62	52.19	0.84	1062.38	0.02
P 03/08/92	51936.94	37.62	0.72	2334.75	0.04
P 03/15/92	4732.98	0.01	0.00	33.80	0.01
P 03/22/92	7000.14	0.00	0.00	88.20	0.01
P 03/29/92	6257.39	0.00	0.00	552.17	0.09
P 04/05/92	3480.70	0.00	0.00	88.87	0.03
R 01/26/92	6914.47	101.00	14.61	0.00	0.00
R 02/02/92	6375.58	108.25	16.98	0.00	0.00
R 02/09/92	6147.29	90.68	14.75	0.00	0.00
R 02/16/92	10588.10	226.38	21.38	0.00	0.00
R 02/23/92	6215.44	124.07	19.96	0.00	0.00

R 03/22/92	10.78	0.27	24.86	0.00	0.00
More [Y,n]?					
R 03/29/92	20.80	0.03	1.66	0.00	0.00
Y 01/26/92	3.88	0.46	118.91	0.00	0.00
Y 02/09/92	9.69	0.00	0.00	0.00	0.00
Y 02/16/92	36.70	0.00	0.00	0.00	0.00
Y 02/23/92	233.78	0.42	1.79	29.43	0.13
Y 03/01/92	1.88	0.00	0.00	0.00	0.00
Y 03/08/92	21.99	0.28	12.94	0.00	0.00
Y 03/15/92	7.33	0.00	0.00	0.00	0.00
Y 03/22/92	44.40	0.11	2.53	0.00	0.00
Y 03/29/92	5.10	0.00	0.00	0.00	0.00
Y 04/05/92	5.10	0.26	50.42	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested in the target fishery.

The KEY is composed of a target fishery, the zone (subarea), and the processing mode. Targets and modes are defined below.

1992 Groundfish Targets

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin sole	BSAI

* Pollock targets defined by catch composition, not reported gear type.

Modes

M	Mothership
P	Catcher/Processor
S	Shore Plant

1992 Halibut and Chinook Salmon Bycatch by target fishery and week
in the Bering Sea and Aleutian Islands

Hook & Line Gear

KEY	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
C 01/05/92	1597.29	52.57	32.91	0.00	0.00
C 01/12/92	1173.33	32.95	28.08	0.00	0.00
C 01/19/92	2008.28	50.16	24.98	0.00	0.00
C 01/26/92	1911.43	46.56	24.36	0.00	0.00
C 02/02/92	2175.34	47.00	21.61	3.87	0.00
C 02/09/92	2097.65	39.83	18.99	0.00	0.00
C 02/16/92	2235.18	43.14	19.30	0.00	0.00
C 02/23/92	3121.74	45.97	14.73	0.00	0.00
C 03/01/92	2785.61	31.81	11.42	0.00	0.00
C 03/08/92	1920.26	26.36	13.72	0.00	0.00
C 03/15/92	2917.98	50.69	17.37	1.53	0.00
C 03/22/92	3202.27	46.59	14.55	0.00	0.00
C 03/29/92	3064.91	52.48	17.12	0.32	0.00
C 04/05/92	2763.44	44.05	15.94	2.75	0.00
S 01/05/92	1.35	0.14	105.24	0.00	0.00
S 01/12/92	15.28	1.61	105.24	0.00	0.00
S 01/19/92	33.44	3.52	105.24	0.00	0.00
S 01/26/92	36.58	3.85	105.24	0.00	0.00
S 02/02/92	33.88	3.57	105.24	0.00	0.00
S 02/09/92	28.92	3.04	105.24	0.00	0.00
S 02/16/92	4.74	0.50	105.24	0.00	0.00
S 02/23/92	41.26	4.34	105.24	0.00	0.00
S 03/01/92	24.03	2.53	105.24	0.00	0.00
S 03/08/92	60.95	6.41	105.24	0.00	0.00
S 03/15/92	102.71	10.81	105.24	0.00	0.00
S 03/22/92	48.48	1.57	32.46	0.00	0.00
S 03/29/92	67.87	2.38	35.05	0.00	0.00
S 04/05/92	109.07	4.01	36.79	0.00	0.00
Y 03/22/92	0.95	0.03	27.74	0.00	0.00
Y 03/29/92	2.80	0.08	27.73	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested in the target fishery.

The KEY is composed of a target fishery, the zone (subarea),
More [Y,n]?
and the processing mode. Targets and modes are defined below.

1992 Groundfish Targets

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin sole	BSAI

* Pollock targets defined by catch composition, not reported gear type.

1992 Halibut and Chinook Salmon Bycatch by target fishery and week
in the Bering Sea and Aleutian Islands

Pot Gear

KEY	Groundfish Tons	Halibut Tons	Halibut kg/mt	Chinook Bycatch	Chinooks per mt
C 01/05/92	14.15	0.00	0.00	0.00	0.00
C 01/12/92	13.15	0.00	0.00	0.00	0.00
C 01/19/92	20.04	0.00	0.00	0.00	0.00
C 01/26/92	1.49	0.00	0.00	0.00	0.00
C 02/09/92	1.36	0.00	0.00	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested in the target fishery.

The KEY is composed of a target fishery, the zone (subarea), and the processing mode. Targets and modes are defined below.

1992 Groundfish Targets

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin sole	BSAI

* Pollock targets defined by catch composition, not reported gear type.

Modes

M	Mothership
P	Catcher/Processor
S	Shore Plant

1992 Bairdi tanner and red king crab bycatch by target fishery and week
in the Bering Sea and Aleutian Islands

Trawl Gear

KEY	Groundfish Tons	Bairdi Bycatch	Bairdi per mt	Red King Bycatch	Red King per mt
A 01/26/92	1434.52	0.00	0.00	0.00	0.00
A 02/02/92	1719.38	0.00	0.00	0.00	0.00
A 02/09/92	1738.01	0.00	0.00	0.00	0.00
A 02/16/92	1530.71	0.00	0.00	0.00	0.00
A 02/23/92	644.58	0.00	0.00	0.00	0.00
A 03/01/92	391.83	0.00	0.00	0.00	0.00
A 03/08/92	1186.32	0.00	0.00	0.00	0.00
A 03/15/92	3738.50	0.00	0.00	45.06	0.01
A 03/22/92	8533.18	1.32	0.00	16.00	0.00
A 03/29/92	8614.31	33.61	0.00	75.92	0.01
A 04/05/92	6127.05	0.00	0.00	5.34	0.00
B 01/26/92	10616.80	5285.30	0.50	0.48	0.00
B 02/02/92	16664.19	27070.97	1.62	12799.79	0.77
B 02/09/92	13303.50	19020.44	1.43	1094.85	0.08
B 02/16/92	10069.57	28277.54	2.81	986.55	0.10
B 02/23/92	7973.91	24153.85	3.03	8589.45	1.08
B 03/01/92	15488.07	62887.67	4.06	2034.42	0.13
B 03/08/92	9938.77	27006.64	2.72	359.96	0.04
B 03/15/92	1025.36	0.00	0.00	0.00	0.00
B 03/22/92	76.72	0.00	0.00	0.00	0.00
B 03/29/92	502.59	1380.21	2.75	0.00	0.00
C 01/26/92	269.96	2820.50	10.45	0.00	0.00
C 02/02/92	3355.12	65030.29	19.38	0.00	0.00
C 02/09/92	3542.11	32136.09	9.07	151.41	0.04
C 02/16/92	2807.66	3768.54	1.34	0.00	0.00
C 02/23/92	185.76	243.35	1.31	0.00	0.00
C 03/08/92	711.23	2321.30	3.26	0.00	0.00
C 03/15/92	7360.57	14633.64	1.99	0.00	0.00
C 03/22/92	6836.87	17716.09	2.59	0.00	0.00
C 03/29/92	5851.23	6542.62	1.12	0.00	0.00
C 04/05/92	3771.76	3832.37	1.02	0.00	0.00
K 02/23/92	1462.68	0.00	0.00	0.00	0.00
K 03/01/92	944.37	0.00	0.00	0.00	0.00
K 03/08/92	500.96	62.17	0.12	0.00	0.00
K 03/15/92	675.53	637.57	0.94	0.00	0.00
K 03/22/92	240.81	114.79	0.48	0.00	0.00
K 03/29/92	336.58	0.38	0.00	0.00	0.00
K 04/05/92	228.40	78.27	0.34	0.00	0.00
P 01/26/92	42516.06	21718.42	0.51	1223.62	0.03
P 02/02/92	57643.29	31108.37	0.54	2788.83	0.05
P 02/09/92	51306.91	30094.56	0.59	1072.31	0.02
P 02/16/92	44332.93	40648.54	0.92	150.91	0.00
P 02/23/92	64262.53	57053.41	0.89	13.31	0.00
P 03/01/92	62132.62	37642.10	0.61	0.00	0.00
P 03/08/92	51936.94	89420.78	1.72	0.00	0.00
P 03/15/92	4732.98	6.45	0.00	0.00	0.00
P 03/22/92	7000.14	0.00	0.00	0.00	0.00
P 03/29/92	6257.39	0.00	0.00	0.00	0.00
P 04/05/92	3480.70	0.00	0.00	0.00	0.00
R 01/26/92	6914.47	96751.03	13.99	15978.49	2.31
R 02/02/92	6375.58	95117.68	14.92	7019.41	1.10
R 02/09/92	6147.29	78283.41	12.73	7993.19	1.30
R 02/16/92	10588.10	95709.26	9.04	10349.14	0.98
R 02/23/92	6215.44	117060.64	18.83	2253.72	0.36
R 03/22/92	10.78	291.38	27.03	0.00	0.00
R 03/29/92	20.80	0.00	0.00	0.00	0.00

Y 01/26/92	3.88	1146.35	295.45	0.00	0.00
Y 02/09/92	9.69	0.00	0.00	0.00	0.00
Y 02/16/92	36.70	0.00	0.00	0.00	0.00
Y 02/23/92	233.78	145.94	0.62	23.00	0.10
Y 03/01/92	1.88	0.00	0.00	0.00	0.00
Y 03/08/92	21.99	171.44	7.80	0.00	0.00
Y 03/15/92	7.33	0.00	0.00	0.00	0.00
Y 03/22/92	44.40	6.22	0.14	0.00	0.00
Y 03/29/92	5.10	0.00	0.00	0.00	0.00
Y 04/05/92	5.10	49.93	9.79	0.00	0.00

Groundfish tons is total of all allocated groundfish species harvested in the target fishery.

The KEY is composed of a target fishery, the zone (subarea), and the processing mode. Targets and modes are defined below.

1992 Groundfish Targets

A	Atka Mackerel	BSAI
B	Pollock -- bottom*	BSAI,GOA
More [Y,n]?		
C	Pacific Cod	BSAI,GOA
D	Deep Water Flatfish	GOA
H	Shallow Water Flatfish	GOA
K	Rockfish	BSAI,GOA
O	'Other'	BSAI,GOA
P	Pollock - midwater*	BSAI,GOA
R	Rock Sole/Other Flatfish	BSAI
S	Sablefish	BSAI,GOA
T	Greenland Turbot	BSAI
W	Arrowtooth Flounder	BSAI
Y	Yellowfin sole	BSAI

* Pollock targets defined by catch composition, not reported gear type.

Modes

M	Mothership
P	Catcher/Processor
S	Shore Plant

STATUS OF COUNCIL TASKING

PROJECTS NEARING COMPLETION OR COMPLETED

Plan Amendments

Am. 15/20	Sablefish IFQs	Depends on Council action at April meeting. Analyses could be forwarded for NEPA then Secretarial Review after April meeting.
	Halibut IFQs	Depends on Council action at April meeting. Analyses could be forwarded for NEPA then Secretarial Review after April meeting.
	Moratorium	Council review at April meeting. Final action scheduled for June. Could be implemented for 1993.
Am. 19/24	Bycatch Amendment	Proposed rule submitted. Implementation by end of summer.
	North Pacific Fisheries Research Plan	Review in April. Final action scheduled for June. Establish Oversight Committee.
Am. 21/26	Bycatch Amendment • E. Gulf trawl closure • Kodiak Crab protective zones • Pribilof bottom trawl closure • BSAI halibut PSC limits • Chinook salmon bycatch measures	Review in April. Final action scheduled for June. Could be implemented for 1993.
Am. 22/27	Trawl Test Zones	Review in April. Possible final action in April. Implement by Fall of 1992.

Emergency Rules from September & December 1991 Meetings

<ul style="list-style-type: none"> • GOA Rockfish trawl season delay. • BSAI halibut PSC limit for trawl gear reduced from 5,333 mt to 5,033 mt • Revised BSAI fishery categories for PSC apportionments • GOA & BSAI directed fishing standards reduced to 7% • Definition of a fishing trip revised so that trip terminates at the end of a weekly reporting period 	Effective March 30, 1992
Delay 2nd Quarter Gulf of Alaska pollock opening (Effective for 1992 only)	Effective now. Season will open on June 1 or upon effective implementation of Am. 18/23.
Bring "B" season pollock fishery under VIP and prohibit non-pelagic gear	Under NOAA GC review.

STATUS OF COUNCIL TASKING

PROJECTS NEARING COMPLETION OR COMPLETED

Regulatory Amendments and Other Action	
Prohibiting Longlining of Pots (except Aleutian Islands)	Final rule submitted.
Product Recovery Rates	Proposed rule being prepared.
Allocate Halibut PSC to DSR fishery and Establish Directed Fishing Standards for DSR	Proposed rule published.
Advanced Notice of Proposed Rulemaking on Catch Reporting and Estimation	Filing date pending.
Restrictions Affecting Donut Hole Operations and U.S. Landings of Russian EEZ Fish.	Final rule pending.

UNCOMPLETED PROJECTS REQUIRING SUBSTANTIAL STAFF TIME

Am. 18/23 Inshore/Offshore (Including Related Bycatch Amendment)	Council needs to determine and analyze options for BSAI for 1993, 1994, and 1995.
Strategic Bycatch Plan	Report from Bycatch Team.
Comprehensive Rationalization Program	Develop workplan and schedule for analysis. Coordinate planning process.
Preferential Gear Allocation of Pacific Cod	Status report in April. Draft analysis possible for June.
Delay of BSAI "B" Season: Regulatory Amendment	Initiate analysis for possible implementation in 1993. Analysis due in September 1992.
Exclusive Registration or Pre-Registration: Plan Amendment	Initiate analysis for possible implementation in 1993. Analysis due in June 1992.

POTENTIAL NEW PROJECTS

Changes/Improvements to existing Observer Program for 1993	Initiate regulatory amendment.
Reduce Halibut PSC Caps by 10% Per Year for 5 Years	Analyze in 1993.