


MEMORANDUM

TO: Council, AP and SSC Members

FROM: Clarence G. Pautzke
Executive Director 

DATE: January 8, 1992

SUBJECT: Gulf of Alaska and Bering Sea/Aleutian Islands Groundfish

ACTION REQUIRED

- (a) Review status of all plan amendments, regulatory amendments, and emergency rules
- (b) Receive NMFS report on catch and discard estimation procedures and use of product recovery rates (PRRs)
- (c) Receive AFSC report on the need for the joint U.S./Japan longline survey

BACKGROUND

Status of amendments and emergency rules

The Council has several projects in various stages of completion, or in the initial stages of analysis. Item D-2(a)(1) summarizes the status of these projects. Council and NMFS staff are available to provide the Council with further detail.

Catch and discard estimation and use of PRRs

In December, the Council inquired about the methodologies utilized by NMFS to estimate catch and discards in the groundfish fisheries. The Council was also interested in receiving information from NMFS regarding the use of product recovery rates to manage the fisheries. Staff from NMFS Region and the Alaska Fisheries Science Center (AFSC) will be available to report on these issues.

At the December meeting, the Council also indicated a desire to receive regular reports on the status of PSC caps and overages by fishery. Item D-2(b)(1) provides a detailed summary of the status of PSC limits throughout the fishing year for 1991. A similar overview can be provided to the Council on a regular basis during 1992.

U.S./Japan longline survey

In December, the Council discussed the need for the Japanese portion of the annual joint longline survey. Some members felt that the survey should be fully replaced by U.S. participation for 1992 and beyond. Relevant information would include the cost of the survey, the amount and value of the fish retained, the scientific importance of the Japanese participation, and the avenues for replacing this participation. A report on this issue is available from the AFSC.

STATUS OF COUNCIL TASKING

PROJECTS NEARING COMPLETION OR COMPLETED

Plan Amendments

Groundfish

Am. 17/22	Delete reporting areas in GOA Criteria for experimental fisheries Bogoslof pollock TAC Walrus protection Groundfish pot definition	Comment period ends January 13. Final decision by January 31. Bogoslof provision to be implemented by in-season authority of RD.
Am. 18/23	Inshore-Offshore Allocations	Forwarded to Secretary for review. Public comment period on proposed rule ends Feb. 3, 1992; public comment period on Draft SEIS ended Jan. 6, 1992.
Am. 19/24	Bycatch Amendment for implementation in 1992	Implement by June 1992. Emergency rule for first half of 1992, likely in place in February.
North Pacific Fisheries Research Plan		Review in January. Final action scheduled for April.
Am. 20/25	Marine Mammal Protection Measures for 1992	Implementation scheduled for January 20 (this will effect the season delay for all trawl groundfisheries)

Emergency Rules from September & December 1991 Meetings

Reduce directed fishing standard for Pacific cod, in the midwater pollock fisheries, to 7% in the BSAI. Reduce directed fishing standard for all groundfish, in midwater pollock fishery, to 7% in the GOA. When halibut trawl PSC allowance is reached in GOA, all trawling for groundfish, other than pollock with pelagic trawls, is prohibited.	Permanent action as part of 19/24 Bycatch Amendment to be implemented by June 1992. Also included in E.R. for Amendment 19/24 to be in effect about mid-February.
Season delay of all groundfish trawl fisheries and GOA Rockfish	All trawl fisheries delayed via Amendment 20/25. GOA Rockfish delay by E.R.; also effective about mid-February.

Regulatory Amendments and Other Actions

Prohibit longlining of pots (except Aleutians) (from 12/90)	Final Rule submitted. Likely effective late February.
Product Recovery Rates	Final Rule pending publication. Effective when filed.
Allocate Halibut PSC to DSR Fishery/ Establish Directed Fishing Standards	Region preparing Proposed Rule.
Restrictions affecting Donut operations or affiliated U.S. operations	Final Rule pending. Likely effective prior to conclusion of A season.

STATUS OF COUNCIL TASKING

UNCOMPLETED PROJECTS REQUIRING SUBSTANTIAL STAFF TIME

Am. 15/20 Sablefish IFQ system	Forward completed analysis for NEPA review in February. Secretarial Review in early April.
Halibut IFQ system	Forward completed analysis for NEPA review in February. Secretarial Review in early April.
Reporting/Recordkeeping Requirements	Region preparing Proposed Rule.
Prohibit trawling east of 140°W	ADF&G will complete analysis of plan amendment by April 1992. Amendment could be implemented for 1993.
Pribilof Bottom Trawl Closure Bycatch IFQs Herring Bycatch: Transit Corridors Salmon Bycatch Cap	Council requested State of Alaska to analyze. ADFG will report status.
Strategic Bycatch Plan	Status report by Bycatch Team
Moratorium	Finalize scope of moratorium options. Team to complete analysis of alternatives by April 1992.
Comprehensive Rationalization Program/Groundfish/Crab IFQs	Develop workplan and schedule for analysis. Coordinate planning process.

POTENTIAL NEW PROJECTS

Delay of BSAI pollock non-roe season	Need Council direction.
Seasonal apportionment of BSAI Pacific cod	Begin analysis when staff available.
Delay 2nd Qtr W/C GOA pollock opening to June 1	NMFS will report on ability to do emergency rule.
Pre-Registration	NMFS will provide discussion paper.

1991 GULF OF ALASKA FISHERIES
 HALIBUT BYCATCH MORTALITY
 As of 12/26/91

HOOK & LINE ALLOWANCE
 1st - 3rd Trimesters
 750 MT MORTALITY

TRAWL ALLOWANCE
 1st - 4th Quarters
 2000 MT MORTALITY

WED	WK HAL		CUM HAL		WED	WK HAL		CUM HAL	
	MORT	MT	WK %	MORT MT		MORT	MT	WK %	MORT MT
01/06/91	17	2.3%	17	2.3%	2	0.1%	2	0.1%	
01/13/91	2	0.2%	19	2.5%	9	0.4%	10	0.5%	
01/20/91	1	0.1%	19	2.6%	7	0.4%	18	0.9%	
01/27/91	2	0.3%	22	2.9%	16	0.8%	34	1.7%	
02/03/91	4	0.6%	26	3.4%	25	1.3%	59	3.0%	
02/10/91	1	0.1%	27	3.6%	15	0.8%	75	3.7%	
02/17/91	5	0.7%	32	4.3%	27	1.4%	102	5.1%	
02/24/91	8	1.1%	40	5.4%	36	1.8%	138	6.9%	
03/03/91	9	1.2%	49	6.6%	49	2.4%	186	9.3%	
03/10/91	14	1.8%	63	8.4%	83	4.1%	269	13.5%	
03/17/91	11	1.4%	74	9.8%	74	3.7%	343	17.2%	
03/24/91	18	2.4%	92	12.2%	164	8.2%	507	25.4%	
03/31/91	16	2.1%	107	14.3%	185	9.3%	692	34.6%	
04/07/91	9	1.1%	116	15.4%	131	6.5%	823	41.2%	
04/14/91	9	1.2%	125	16.6%	95	4.7%	918	45.9%	
04/21/91	15	2.0%	140	18.6%	143	7.1%	1061	53.0%	
04/28/91	9	1.2%	149	19.8%	177	8.9%	1238	61.9%	
05/05/91	2	0.3%	151	20.1%	73	3.7%	1311	65.6%	
05/12/91	12	1.7%	163	21.8%	53	2.7%	1364	68.2%	
05/19/91	54	7.1%	217	28.9%	0	0.0%	1365	68.2%	
05/26/91	162	21.5%	379	50.5%	0	0.0%	1365	68.2%	
06/02/91	80	10.7%	459	61.2%	0	0.0%	1365	68.2%	
06/09/91	103	13.7%	562	74.9%	0	0.0%	1365	68.2%	
06/16/91	119	15.8%	680	90.7%	0	0.0%	1365	68.2%	
06/23/91	72	9.6%	753	100.4%	0	0.0%	1365	68.2%	
06/30/91	13	1.7%	766	102.1%	0	0.0%	1365	68.2%	
07/07/91	13	1.7%	779	103.8%	0	0.0%	1365	68.3%	
07/14/91	7	0.9%	786	104.7%	20	1.0%	1385	69.2%	
07/21/91	1	0.1%	786	104.8%	28	1.4%	1412	70.6%	
07/28/91	1	0.1%	787	104.9%	10	0.5%	1422	71.1%	
08/04/91	0	0.1%	787	104.9%	15	0.7%	1437	71.8%	
08/11/91	1	0.1%	788	105.1%	20	1.0%	1457	72.8%	
08/18/91	0	0.1%	788	105.1%	13	0.7%	1470	73.5%	
08/25/91	1	0.1%	789	105.2%	11	0.6%	1481	74.1%	
09/01/91	0	0.0%	789	105.2%	24	1.2%	1505	75.3%	
09/08/91	0	0.0%	789	105.2%	19	0.9%	1524	76.2%	
09/15/91	2	0.2%	791	105.5%	15	0.8%	1539	77.0%	
09/22/91	0	0.0%	791	105.5%	20	1.0%	1559	77.9%	
09/29/91	31	4.2%	823	109.7%	58	2.9%	1617	80.8%	
10/06/91	1	0.1%	824	109.8%	73	3.7%	1690	84.5%	
10/13/91	0	0.0%	824	109.8%	90	4.5%	1780	89.0%	
10/20/91	0	0.0%	824	109.8%	111	5.6%	1891	94.6%	
10/27/91	0	0.0%	824	109.9%	11	0.6%	1903	95.1%	
11/03/91	0	0.0%	824	109.9%	11	0.5%	1914	95.7%	
11/10/91	0	0.0%	825	110.0%	0	0.0%	1914	95.7%	
11/17/91	0	0.0%	825	110.0%	0	0.0%	1914	95.7%	
11/24/91	0	0.0%	825	110.0%	0	0.0%	1914	95.7%	
12/01/91	0	0.0%	825	110.1%	0	0.0%	1914	95.7%	
12/08/91	0	0.0%	826	110.1%	0	0.0%	1914	95.7%	
12/15/91	0	0.0%	826	110.1%	0	0.0%	1914	95.7%	
12/22/91	0	0.0%	826	110.2%	0	0.0%	1914	95.7%	

1991 GULF OF ALASKA FISHERIES
 CHINOOK & OTHER SALMON BYCATCH
 As of 12/26/91

TRAWL GEAR

WEEK	CHINOOK SALMON		'OTHER' SALMON	
	WEEKLY NUMBER	CUMULATIVE NUMBER	WEEKLY NUMBER	CUMULATIVE NUMBER
01/06	275	275	0	0
01/13	895	1170	0	0
01/20	559	1729	0	0
01/27	545	2274	0	0
02/03	754	3027	0	0
02/10	626	3653	2	2
02/17	422	4075	4	6
02/24	547	4621	11	17
03/03	851	5473	0	17
03/10	3270	8742	2	19
03/17	8430	17173	5	23
03/24	7905	25077	4	27
03/31	4449	29526	99	126
04/07	291	29817	288	414
04/14	470	30287	199	613
04/21	1490	31777	13	626
04/28	1500	33277	2	629
05/05	906	34183	227	856
05/12	216	34399	1	857
05/19	3	34402	0	857
05/26	5	34407	0	857
06/16	21	34428	0	857
06/23	71	34499	82	939
06/30	62	34561	319	1258
07/07	28	34589	617	1875
07/14	37	34626	1885	3760
07/21	142	34768	2752	6512
07/28	138	34905	4300	10812
08/04	0	34905	1362	12175
08/11	0	34906	314	12489
08/18	3	34909	165	12654
08/25	7	34915	14	12667
09/01	1	34917	59	12726
09/08	0	34917	100	12827
09/15	10	34926	31	12858
09/22	13	34939	4	12862
09/29	102	35041	5	12867
10/06	42	35083	33	12900
10/13	199	35282	33	12900
10/20	33	35315	201	13101
10/27	2189	37504	127	13228
11/03	34	37538	1	13229
			244	13473
			3	13476

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.

1991 BERING SEA/ALEUTIAN ISLANDS FISHERIES
 TRAWL HALIBUT BYCATCH
 As of 12/26/91

WEEK	T A R G E T		F I S H E R Y				'OTHER'	
	FLATFISH		ROCK SOLE		TURBOT			
	HALIBUT METRIC TONS WK CUM		HALIBUT METRIC TONS WK CUM		HALIBUT METRIC TONS WK CUM		HALIBUT METRIC TONS WK CUM	
01/06	0	0	37	37	0	0	116	116
01/13	0	0	38	75	0	0	158	274
01/20	0	0	20	95	0	0	143	417
01/27	0	0	19	114	0	0	243	660
02/03	0	0	14	128	0	0	126	786
02/10	0	0	62	189	0	0	116	902
02/17	0	0	66	255	0	0	135	1037
02/24	0	0	262	516	0	0	138	1176
03/03	0	0	245	762	0	0	106	1282
03/10	0	0	119	881	0	0	176	1458
03/17	0	0	26	907	0	0	95	1554
03/24	0	0	0	907	0	0	132	1686
03/31	0	0	0	907	0	0	51	1737
04/07	0	0	1	908	0	0	272	2009
04/14	0	0	0	908	0	0	240	2249
04/21	0	0	1	909	0	0	235	2485
04/28	0	0	9	918	0	0	208	2693
05/05	19	19	19	937	115	115	193	2886
05/12	23	41	17	954	265	380	29	2915
05/19	25	66	49	1003	28	407	19	2933
05/26	15	82	106	1108	0	407	19	2952
06/02	5	87	18	1126	0	407	8	2960
06/09	9	96	4	1130	0	407	17	2977
06/16	10	106	0	1130	0	407	14	2992
06/23	22	128	0	1130	0	407	21	3013
06/30	31	159	0	1130	0	407	21	3034
07/07	14	173	0	1130	0	407	163	3196
07/14	46	219	0	1130	0	407	95	3292
07/21	43	262	0	1130	0	407	36	3328
07/28	57	320	0	1130	0	407	27	3355
08/04	94	413	0	1130	0	407	151	3506
08/11	53	466	0	1130	0	407	57	3563
08/18	31	497	0	1130	0	407	83	3646
08/25	51	548	0	1130	0	407	48	3694
09/01	29	576	0	1130	0	407	81	3774
09/08	39	615	0	1130	0	407	31	3805
09/15	72	687	0	1130	0	407	0	3805
09/22	26	714	0	1130	0	407	0	3805
09/29	18	732	0	1130	0	407	0	3806
10/06	21	753	0	1130	0	407	0	3806
10/13	14	767	0	1130	0	407	0	3806
10/20	9	775	0	1130	0	407	26	3832
10/27	0	776	0	1130	0	407	49	3881
11/03	0	776	0	1130	0	407	3	3884
11/10	0	776	0	1130	0	407	1	3885
11/17	0	776	0	1130	0	407	2	3887

1991 Yearly Halibut Allowances:

	FLATFISH	ROCK SOLE	TURBOT	'OTHER'
Primary	660	908	165	2667
% taken	117.50%	124.51%	246.84%	145.73%
Secondary	800	1100	200	3233
% taken	96.94%	102.72%	203.64%	120.23%

1st - 3rd Quarter Halibut apportionments to the 'OTHER' fishery:

PRIMARY apportionment	2667
% taken	145.74%

SECONDARY apportionment	3233
% taken	120.23%

NOTE: Primary Halibut Apportionments close Zones 1, 2H
 Secondary Halibut Apportionments close ALL BS, AI

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

1991 BERING SEA/ALEUTIAN ISLANDS FISHERIES
 HOOK & LINE HALIBUT BYCATCH
 as of 12/26/91

WEEK	Weekly Halibut MT	Cumulative Halibut MT
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01/06	16	16
01/13	15	31
01/20	15	46
01/27	20	66
02/03	24	90
02/10	30	120
02/17	23	143
02/24	38	181
03/03	40	221
03/10	26	247
03/17	21	268
03/24	21	289
03/31	14	303
04/07	12	314
04/14	15	329
04/21	21	351
04/28	14	365
05/05	25	390
05/12	20	409
05/19	21	430
05/26	18	448
06/02	34	482
06/09	41	523
06/16	74	597
06/23	82	679
06/30	70	749
07/07	98	847
07/14	137	983
07/21	104	1087
07/28	172	1259
08/04	135	1394
08/11	96	1489
08/18	103	1592
08/25	46	1638
09/01	58	1696
09/08	39	1735
09/15	32	1767
09/22	31	1798
09/29	72	1870
10/06	123	1993
10/13	93	2086
10/20	62	2148
10/27	64	2213
11/03	88	2301
11/10	82	2383
11/17	103	2486
11/24	93	2579
12/01	54	2632
12/08	85	2717
12/15	71	2788
12/22	29	2816
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NOTE: No PSC Limits apply to Hook and Line gear.

NMFS/AKR

1991 BERING SEA/ALEUTIAN ISLANDS FISHERIES
 TRAWL RED KING CRAB BYCATCH
 as of 12/26/91
 ZONE 1

WEEK	T A R G E T				F I S H E R Y		' O T H E R '	
	FLATFISH		ROCK SOLE		TURBOT		WK CRAB	CUM CRAB
	WK CRAB	CUM CRAB	WK CRAB	CUM CRAB	WK CRAB	CUM CRAB		
01/06	0	0	11722	11722	0	0	686	686
01/13	0	0	14019	25741	0	0	588	1274
01/20	0	0	335	26076	0	0	71	1345
01/27	0	0	1451	27527	0	0	0	1345
02/03	0	0	906	28433	0	0	0	1345
02/10	0	0	18055	46488	0	0	43	1389
02/17	0	0	7201	53689	0	0	145	1533
02/24	0	0	11990	65679	0	0	194	1727
03/03	0	0	4238	69917	0	0	0	1728
03/10	0	0	230	70148	0	0	0	1728
03/17	0	0	8	70155	0	0	0	1728
03/24	0	0	0	70155	0	0	0	1728
03/31	0	0	0	70155	0	0	0	1728
04/07	0	0	0	70155	0	0	0	1728
04/14	0	0	0	70155	0	0	8	1736
04/21	0	0	0	70155	0	0	11	1746
04/28	0	0	0	70155	0	0	16	1762
05/05	1232	1232	0	70155	0	0	0	1762
05/12	1356	2588	0	70156	0	0	0	1762
05/19	1527	4115	151	70306	0	0	0	1762
05/26	363	4478	0	70306	0	0	0	1762
06/02	0	4478	0	70306	0	0	13	1775
06/09	0	4478	0	70306	0	0	0	1775
06/16	15	4493	0	70306	0	0	0	1775
06/23	0	4493	0	70306	0	0	0	1775
06/30	0	4493	0	70306	0	0	0	1775
07/07	15	4508	0	70306	0	0	0	1775
07/14	0	4508	0	70306	0	0	0	1775
07/21	0	4508	0	70306	0	0	0	1775
07/28	0	4508	0	70306	0	0	0	1775
08/04	0	4508	0	70306	0	0	0	1775
08/11	0	4508	0	70306	0	0	0	1775
08/18	0	4508	0	70306	0	0	0	1775
08/25	0	4508	0	70306	0	0	0	1775
09/01	0	4508	0	70306	0	0	0	1775
09/08	0	4508	0	70306	0	0	0	1775
09/15	0	4508	0	70306	0	0	0	1775

ALLOWANCES:

# Crabs	40000	150000	0	10000
% taken	11.27%	46.87%	0.00%	17.75%

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

1991 BERING SEA/ALEUTIAN ISLANDS FISHERIES
 TRAWL BAIRDI TANNER CRAB BYCATCH
 as of 12/26/91
 ZONE 1

WEEK	T A R G E T FLATFISH		R O C K S O L E		F I S H E R Y TURBOT		'OTHER'	
	WK CRAB	CUM CRAB	WK CRAB	CUM CRAB	WK CRAB	CUM CRAB	WK CRAB	CUM CRAB
01/06	0	0	31856	31856	0	0	24085	24085
01/13	0	0	21427	53284	0	0	22453	46538
01/20	0	0	4233	57517	0	0	7805	54342
01/27	0	0	2237	59754	0	0	14743	69085
02/03	0	0	4324	64077	0	0	21199	90285
02/10	0	0	36884	100961	0	0	5290	95574
02/17	0	0	34778	135739	0	0	7599	103174
02/24	0	0	167198	302937	0	0	20613	123786
03/03	0	0	175951	478888	0	0	4032	127819
03/10	0	0	74170	553058	0	0	1505	129323
03/17	0	0	6332	559390	0	0	130	129453
03/24	0	0	0	559390	0	0	16	129470
03/31	0	0	0	559390	0	0	822	130291
04/07	0	0	0	559390	0	0	2337	132628
04/14	0	0	0	559390	0	0	2209	134837
04/21	0	0	0	559390	0	0	4639	139476
04/28	0	0	0	559390	0	0	12378	151854
05/05	6171	6171	0	559390	0	0	9951	161805
05/12	723	6894	0	559390	0	0	9175	170980
05/19	1569	8462	0	559390	0	0	922	171902
05/26	677	9139	0	559390	0	0	3309	175211
06/02	0	9139	0	559390	0	0	814	176026
06/09	0	9139	0	559390	0	0	10795	186821
06/16	134	9273	0	559390	0	0	5402	192223
06/23	0	9273	0	559390	0	0	5570	197793
06/30	0	9273	0	559390	0	0	5	197798
07/07	37	9310	0	559390	0	0	0	197798
07/14	343	9653	0	559390	0	0	1082	198880
07/21	112	9765	0	559390	0	0	128	199008
07/28	0	9765	0	559390	0	0	11249	210257
08/04	0	9765	0	559390	0	0	35307	245563
08/11	0	9765	0	559390	0	0	14087	259650
08/18	0	9765	0	559390	0	0	1302	260952
08/25	0	9765	0	559390	0	0	0	260952
09/01	0	9765	0	559390	0	0	2549	263501
09/08	0	9765	0	559390	0	0	6191	269692
09/15	0	9765	0	559390	0	0	0	269692

ALLOWANCES:

# Crabs	100000	700000	0	200000
% taken	9.77%	79.91%	0.00%	134.85%

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

1991 BERING SEA/ALEUTIAN ISLANDS FISHERIES
 TRAWL BAIRDI TANNER CRAB BYCATCH
 as of 12/26/9

ZONE 2

WEEK	T A R G E T FLATFISH		R O C K S O L E		F I S H E R Y T U R B O T		' O T H E R '	
	W K C R A B	C U M C R A B	W K C R A B	C U M C R A B	W K C R A B	C U M C R A B	W K C R A B	C U M C R A B
01/06	0	0	0	0	0	0	14258	14258
01/13	0	0	1130	1130	0	0	14501	28759
01/20	0	0	6468	7598	0	0	15583	44342
01/27	0	0	14029	21627	0	0	10933	55275
02/03	0	0	3131	24758	0	0	7907	63182
02/10	0	0	2869	27627	0	0	8058	71240
02/17	0	0	20932	48559	0	0	11433	82673
02/24	0	0	9691	58250	0	0	23422	106095
03/03	0	0	520	58770	0	0	68701	174796
03/10	0	0	17353	76123	0	0	69805	244601
03/17	0	0	221	76344	0	0	22284	266885
03/24	0	0	233	76577	0	0	48358	315244
03/31	0	0	551	77128	0	0	10270	325513
04/07	0	0	6	77134	0	0	17815	343328
04/14	0	0	0	77134	0	0	24686	368014
04/21	0	0	2102	79236	0	0	21876	389890
04/28	0	0	503	79739	0	0	15700	405591
05/05	16948	16948	11308	91048	214	214	39399	444989
05/12	15381	32329	6464	97512	1075	1289	782	445772
05/19	11230	43559	6712	104224	28	1317	1365	447137
05/26	1955	45514	6489	110713	0	1317	3461	450597
06/02	8027	53541	2519	113231	0	1317	259	450856
06/09	54495	108036	934	114165	0	1317	3107	453963
06/16	1409	109445	0	114165	0	1317	1867	455830
06/23	11385	120830	0	114165	0	1317	3369	459199
06/30	10237	131066	0	114165	0	1317	9195	468394
07/07	2905	133971	0	114165	0	1317	37386	505780
07/14	18721	152692	0	114165	0	1317	139457	645237
07/21	6212	158904	0	114165	0	1317	25782	671019
07/28	11726	170630	0	114165	0	1317	54611	725630
08/04	15592	186223	0	114165	0	1317	54528	780158
08/11	14926	201149	0	114165	0	1317	66472	846630
08/18	19742	220891	0	114165	0	1317	42158	888788
08/25	35113	256003	0	114165	0	1317	32300	921088
09/01	28538	284542	0	114165	0	1317	76359	997446
09/08	54238	338780	0	114165	0	1317	19147	1016593
09/15	50264	389044	0	114165	0	1317	0	1016593
09/22	43942	432986	0	114165	0	1317	0	1016593
09/29	69683	502669	0	114165	0	1317	2367	1018961
10/06	73501	576170	0	114165	0	1317	0	1018961
10/13	77485	653655	0	114165	0	1317	0	1018961
10/20	23721	677375	0	114165	0	1317	193	1019154
10/27	0	677375	0	114165	0	1317	705	1019859
11/03	0	677375	0	114165	0	1317	25	1019884
11/10	0	677375	0	114165	0	1317	0	1019884
11/17	0	677375	0	114165	0	1317	0	1019884

ALLOWANCES:

# Crabs	825000	300000	50000	1825000
% taken	82.11%	38.06%	2.63%	55.88%

1991 BERING SEA/ALEUTIAN ISLANDS FISHERIES
 TRAWL HERRING BYCATCH
 as of 12/26/91

WEEK	T A R G E T				F I S H E R Y			
	FLATFISH		POLLOCK		TURBOT		'OTHER'	
	HERRING METRIC TONS		HERRING METRIC TONS		HERRING METRIC TONS		HERRING METRIC TONS	
WK	CUM	WK	CUM	WK	CUM	WK	CUM	
01/06	0	0	1	1	0	0	0	0
01/13	0	0	1	2	0	0	0	0
01/20	0	0	1	3	0	0	0	0
01/27	0	0	1	4	0	0	0	0
02/03	0	0	0	5	0	0	0	0
02/10	0	0	0	5	0	0	0	0
02/17	0	0	1	6	0	0	0	0
02/24	0	0	2	8	0	0	0	0
03/03	0	0	0	8	0	0	0	0
03/10	0	0	0	8	0	0	0	0
03/17	0	0	0	8	0	0	0	0
03/24	0	0	0	8	0	0	0	0
03/31	0	0	0	8	0	0	0	0
04/07	0	0	0	9	0	0	0	0
04/14	0	0	0	9	0	0	0	0
04/21	0	0	0	9	0	0	0	0
04/28	0	0	0	9	0	0	0	0
05/05	13	13	0	9	0	0	0	0
05/12	4	17	0	9	0	0	0	0
05/19	74	91	0	9	0	0	0	0
05/26	24	115	0	9	0	0	0	0
06/02	19	135	0	9	0	0	0	0
06/09	88	222	9	18	0	0	0	0
06/16	90	312	118	136	0	0	0	0
06/23	82	394	3	139	0	0	0	0
06/30	28	422	1	140	0	0	0	0
07/07	11	433	13	153	0	0	0	0
07/14	2	435	17	170	0	0	0	0
07/21	4	439	8	178	0	0	0	0
07/28	4	442	10	188	0	0	0	0
08/04	3	446	19	207	0	0	0	0
08/11	3	449	171	378	0	0	0	0
08/18	18	467	83	462	0	0	0	0
08/25	17	484	49	511	0	0	0	0
09/01	11	495	213	723	0	0	0	0
09/08	7	502	16	740	0	0	0	0
09/15	10	512	0	740	0	0	0	0
09/22	10	522	0	740	0	0	0	0
09/29	4	526	0	740	0	0	0	0
10/06	2	528	0	740	0	0	0	0
10/13	1	528	0	740	0	0	0	0
10/20	0	528	0	740	0	0	0	0
10/27	0	528	0	740	0	0	0	0
11/03	0	528	0	740	0	0	0	0
11/10	0	528	0	740	0	0	0	0
11/17	0	528	0	740	0	0	0	0

ALLOWANCES:

Annual	83	584	8	158
% taken	636.48%	126.64%	0.89%	0.01%

Data based on observer reports, extrapolated to total groundfish harvest.

1991 BERING SEA/ALEUTIAN ISLANDS FISHERIES
 CHINOOK & OTHER SALMON BYCATCH
 as of 12/26/91

TRAWL GEAR

WEEK	CHINOOK SALMON		'OTHER' SALMON	
	WEEKLY NUMBER	CUMULATIVE NUMBER	WEEKLY NUMBER	CUMULATIVE NUMBER
01/06	11351	11351		
01/13	4380	15730	318	318
01/20	1131	16861	215	533
01/27	1119	17980	49	582
02/03	1431	19412	26	608
02/10	2195	21606	2	610
02/17	1706	23313	4	614
02/24	2430	25743	13	627
03/03	514	26257	781	1409
03/10	1586	27842	5	1414
03/17	488	28330	111	1525
03/24	904	29234	84	1609
03/31	232	29467	53	1661
04/07	1251	30718	3	1665
04/14	1241	31959	7	1672
04/21	779	32738	0	1672
04/28	301	33039	8	1680
05/05	169	33208	19	1699
05/12	19	33227	4	1703
05/19	14	33241	19	1722
05/26	1	33242	91	1813
06/02	23	33265	1	1814
06/09	271	33537	3	1817
06/16	183	33720	285	2102
06/23	110	33830	241	2343
06/30	41	33871	150	2493
07/07	11	33882	195	2688
07/14	0	33882	766	3454
07/21	4	33886	1474	4929
07/28	3	33890	171	5100
08/04	273	34163	1028	6127
08/11	634	34797	3547	9675
08/18	349	35146	13277	22951
08/25	69	35215	4170	27122
09/01	269	35484	1040	28161
09/08	333	35818	2622	30783
09/15	6	35823	1184	31967
09/22	1	35825	98	32065
09/29	0	35825	3	32068
10/06	0	35825	0	32068
10/13	0	35825	0	32068
10/20	0	35825	0	32068
10/27	0	35825	3	32071
11/03	0	35825	0	32071
11/10	0	35825	0	32071
11/17	0	35825	0	32071

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.