

## DEPARTMENT OF TRANSPORTATION UNITED STATES COAST GUARD

Commander (ole)
17th Coast Guard District
P.O. Box 3-5000
Juneau, AK 99802-1217
(907) 586-7200

AGENDA ITEM B-2 16214 15 January 1988

### USCG SURVEILLANCE OF FOREIGN FISHING ACTIVITY IN THE INTERNATIONAL WATERS OF THE BERING SEA.

From 1 December 1987 through 6 January 1988 the Coast Guard conducted six C-130 surveillance flights in the vicinity of the "donut hole". Lists of the vessels identified and a graphic display of the sightings are attached. No violations were detected. The Coast Guard will continue to monitor the EEZ around the donut hole to maximum extent possible. However, the 1988 Coast Guard budget situation has forced cut backs in flight hours and cutter patrol days.

Encl: (1) List of FFVs Sighted in Donut Hole

(2) List of FFVs Sighted in area 52

(3) FFV Sightings 1 Dec 87 - 6 Jan 88

#### SIGHTED IN DONUT HOLE FFVs

			•											
PATROL UNIT	SOURCE	AGENT	SIGHT DATE	TIME	ιΔΥ	LONG	ADEA	50	NI 4 T	HE SOFT ALL SOFT	CALL		*	
							AREA	FP 	NA I	VESSEL NAME	SIGN	TYPE	ACT BOARD	SYSIC
KODIAK AIR C130	2	0	12/01/87	11	5724N	17654W	55	BSA	JA	RYOAN MARU NO. 21				
KODIAK AIR C130	2	0	12/01/87	14	5729N	17642W	55	BSA	JA	EIKYU MARU NO. 86	7JEI JDIX	,20	FISHING	8062
KODIAK AIR C130	2	0	12/01/87	15	5730N	17638W	55	BSA	JA	HAMAYOSHI MARU NO. 63	JBLS	25	F	8063
KODIAK AIR C130	2	O	12/01/87	19	5727N	17637W			JA	UNIDENTIFIED	JEHA	20	F	8064
KODIAK AIR C130	2	ט	12/21/87	2102	5614N	17519£	55	BSA	JA	DAISHIN MARU NO. 28	7JMH	25 15	F F	8065
KODIAK AIR C130	2	O	12/21/87	2107	5606N	17557E	55	BSA	JA	SURUGA MARU	7JAJ	15 11	F	8089
KODIAK AIR C130	2	O	12/21/87	2115	5552N	17647E			ĴΑ	UNIDENTIFIED	7LNQ	30	F	8090
KODIAK AIR C130	2	O	12/21/87	2116	5552N	17644E		BSA	JA	TOMI MARU NO. 51	JDPH	25	F	8091
ODIAK AIR C130	2	0	12/21/87	2117	: 5552N	17642F	55	BSA	JA	KOHOKU MARU NO. 7	JDPD	25 25	F	8092
CODIAK AIR C130	2	0	12/21/87		5552N	17639E	55	BSA	JA	HOKKO MARU NO. 137	7L I R	25 25	F	8093
CODIAK AIR C130	2		12/21/87		5550N	17645E		BSA	JA	TOMI MARU NO. 82	JDOS		r F	8094
KODIAK AIR C130	2		12/21/87		5602N	17745W		BSA	JA	RYUYO MARU	JOET	25	F	8095
CUDIAK AIR C130	2		12/21/87		5603N	17754W	55	BSA	PL	ORCYN	SOCE	15	r F	8102
ODIAK AIR C130	2		12/21/87		5605N	17810W	55	BSA	PL.	ORLEN ,	SQGZ	15		8103
CODIAK AIR C180	2		12/21/87		5608N	17737W		BSA	PL	MORS	5062 508C	15 15	F F	8104
CODIAK AIR C130	2		12/21/87		5549N	17708W		BSA	JA	TENYO MARU NO. 3	JFJ0		F	8105
ODIAK AIR C130	2		12/21/87		5542N	17605W	55	BSA	PL.	OTOL		15		8106
CODIAK AIR C130	2		12/31/87	7	5522N	179288	55	םטת	JA	KASHIMA MARU NO. 8	SQGX	15	F	8107
CODIAK AIR C13D	2		12/31/87	8	5520N	179391	55		JA	EIKYU MARU NO. 11	JFRR	25	F F	8118
CODIAK AIR C13U	2 `	_	12/31/87	10	5521N	17942t.	55	BSA	JA	FUKUYOSHI MARU NO. 58	JFES JFUO	20	F	8119
ODIAK AIR C130	2		12/31/87	10	5521N	17942E	55·	UUA	JA	MEISHO MARU NO. 35	JKFI	25		8120 121 (817)
CODIAK AIR C130	2	_	12/31/87	11	5520N	17947E		BSA	JA	YAHATA MARU NO. 58	JDIN	20 20	F "	
ODIAK AIR C130	- 2 ·		12/31/87	11	5521N	17948E	55	סטח	JA	SEIJU MARU NO. 28	JNUH		F	8122
ODIAK AIR C130	. 2		12/31/87	13	5521N	17951E	55	BSA	JA	FUKUCHO MARU NO. 11	JFUT	20		8123
GDIAK AIR C130	2		12/31/87	13	5521N	17951E	55	DOM	JA	TAISEI MARU NO. 35	JKEP	25 20	F F	8124
ODIAK AIR C130	2		12/31/87	23	5538N	17940W		BSA	JA	TOMI MARU NO. 51	JOPH	20 25	F	8125
ODIAK AIR C130	2		12/31/87	27	5538N	17922W	55	BSA	KS	HAN JIN HO	6MKC	·15	r F	8126
ODIAK AIR C130	2		12/31/87	28	5540N	17922W		BSA	KS	HAN KIL HO	6MLX	15 15	F	8127
ODIAK AIR C130	. 2		12/31/87	30	5547N	17927W	55	BSA	JA	EIYO MARU	7L1Z	11	· F	8128
ODIAK AIR C130	2	_	12/31/87	31	5549N	17933W	55	BSA	JA	EIKYU MARU NO. 81	JDOB	20	F	8129
ODIAK AIR C130	2	_	12/31/87	33	5548N	17923W	55	BSA	KS	GAE YANG HO	6LZT	15	F	8130
ODIAK AIR C130	2	-	12/31/87	35	5547N	17916W-		BSA		PERSEUS	SQDW	15	F	8131
ODIAK AIR C130	2		12/31/87	36	5544N	17914W	55		PL	AWIOR	SUGK	15	F	8132
ODIAK AIR C130	2	-	12/31/87	37	5542N	17914W-		BSA		TENYO MARU NO. 2	JETD	15	F	8133
ODIAK AIR C130	2		12/31/87	40	5536N	17903W		BSA	KS	HANIL HO	6MEB		F	8134
ODIAK AIR C130	. 2	_	12/31/87	41'	5537N	17857W		BSA	JA	BANYO MARU		20	· .	8135
ODIAK AIR C130	2	0	1/06/88	_	5552N	17608W -		DUM		CHEOG YANG HO	JANU 6LZV	11	DRIFTING	8136
ODIAK AIR C130	2	Ö	1/06/88		5524N	17828W				TOMI MARU NO. 51		15	AWASAUPO	
ODIAK AIR C130	2	0	1/06/88			17828W	55				JDPH	25	0	8187
ODIAK AIR C130	; <b>2</b>	0	1/06/88		5519N	17833W				EIKYU MARU NO. 81 KOSHIN MARU NO. 3	JOOB	20	0	8188
ODIAK AIR C130	2	0	1/06/88		5519N 5520N	17835W-				YAHATA MARU NO. 58	JGMK	20 25	0 0	8189
ODIAK AIR C130	2	0	1/06/88		5519N	17837W				HOKUYU MARU NO. 68	JDIN Jajs		0	8190
ODIAK AIR C130	2	0	1/06/88		5519N 5516N	17837W	55			KOHOKU MARU NO.7		20	0	8191
ODIAK AIR C130	2	0	1/06/88		5517N	17833W	55				JDPD	25	0	8192
	2	.0			5517N 5517N		55			TOMI MARU NO. 81	JDOI	25	-	8193
ODIAK AIR C130	2	. 0	1/06/88			17828W 17827W	55			TOMI MARU NO. 58	7LGH	20	0	8194
ODIAK AIR C130 ODIAK AIR C130	2	n n	1/06/88		5518N 5519N	17827W	55			SHOYO MARU KAIUN MARU NO. 65	JAFA 7LVY	20 20	0	8195 8196

<sup>\*</sup> VESSEL TYPE: 11 - CARGO/TRANSPORT
15 - LARGE STERN TRAWLER
20 - MEDIUM STERN TRAWLER
25 - SMALL STERN TRAWLER

# FFV's SIGHTED IN AREA 52, WEST OF 174°30'W

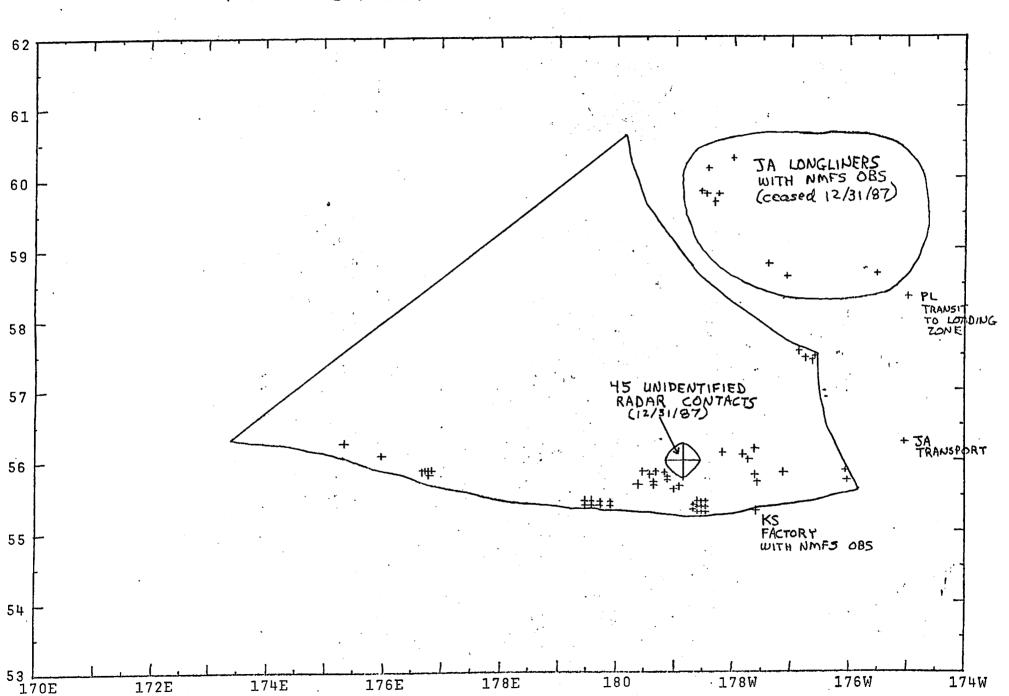
PATROL UNIT	SOURCE CODE	AGENT	SIGHT DATE	TIME	LAT	LONG	AREA	FP	NA T	VESSENAME	CALL SIGN	1YPE <sup>#</sup> AC	T BOARD SY	\$1D
KODIAK AIR C130	2	0	12/01/87	2213	6015N	17804W	52	BSA	JA	MATSUEI MARU NO. 88/085	) јкѕк	60	Underway	8056
KODIAK AIR C130	2	ñ	12/01/87		6009N	17828W	52	BSA	JA	SHINKO MARU NO. 11 (%5)	7KKQ	6U	U U	8057
KODIAK AIR C130	2	Ö	12/09/87		5840N	17533W	52	BSA	JA	EIKYU MARU NO. 12 (085)	. 7KOS	60	Dristing	8068
KODIAK AIR C130	2	ō	12/09/87		5844N	17726W		BSA	JA	FUKUYOSHI MARU NO. 26/08		60	Sighted	8069
KODIAK AIR C130	2	Ö	12/09/87		5946N	17830W		BSA	JA	SHINKO MARU NO. 11 (985)	7KKQ	60	D	8070
KODIAK AIR C130	2	O	12/09/87		5945N	17822W	52	BSA	JA	FUKUYOSHI MARU NO. 26(08)		60	S	8071
KODTAK ATR C130	2	0	12/21/87	2222	5516N	17740W	52	BSA	KS	GAE CHEOG HO (5%5)	6MTO	10	Fishina	8098
KODIAK AIR C130	2	O	12/21/87	2225	5514N	17730W	52		US.	DONA GENOVEVA		25	F	8099
KODIAK AIR C130	2	0	12/21/87	2233	5542N	17733W	DOWN	TBSA	JΛ	ZUIYO MARU NO. 3	JKFQ	15	U	8100
KODIAK AIR C130	2	0	12/21/87	2235	5548N	17735W	DOWN	BSA	JA	ZUIYO MARU	JRHA	15	U	8101
KODIAK ATR C130	2	0	12/21/87	2320	5614N	17505W	52	•	JA	REEFER FRESH		11	U	8108
KODIAK AIR 0130	2	0	12/28/87	2145	5950N	1783.1W	52	BSA	JA	TOMI MARU NO. 88 (DB5)	JLKO	60	\$	8110
KODIAK ATR C130	2	0	12/28/87	2148	5941N	17822W	52	BSA	JA	SHINKO MARU NO. 11 (785)	7KKQ	60	s	8111
KODIAK AIR C130	2	0	12/28/87	2213	5835N	17710W	52	BSA	JA	SHINTOKU MARU NO. 25/05	JILLU	60	S	8112
KODIAK AIR C130	2	0	1/05/88	2200	5819N	17502W	52	BSA	Pl.	MUSTEL	SQGP	15	s	8142
KODJAK AIR C130	2	0	1/06/88	2308	5517N	17835W	PONU	TRSA	JA	TOMI MARU NO. 87	7LNQ	20	0 Underway	/8198

\* VESSEL TYPE:

10 FACTORY SHIP 11 CARGO/TRANSPORT

15 LARGE STERN TRAWLER 20 MEDIUM STERN TRAWLER 25 SMALL STERN TRAWLER

GO LONG: LINER





### **DEPARTMENT OF TRANSPORTATION**

UNITED STATES COAST GUARD

Commander (ole) 17th Coast Guard District) P.O. Box 3-5000 Juneau, AK 99802-1217 (907) 586-7354

16214 19 January 1988

Mr. William A. Orr Director, Government Affairs Alaska Factory Trawler Association 4039 21st Ave. West, Suite 400 Seattle, WA 99199

Dear Mr. Orr:

I am writing in response to your letter of 23 December 1987, concerning the Coast Guard's 1 December 1987 Enforcement Report to the North Pacific Fisheries Management Council.

All sightings of foreign fishing vessels (FFV) by Coast Guard aircraft and cutters are provided to the National Marine Fisheries Service (NMFS). Sighting data are entered into the Enforcement Information Management System (EMIS) by NMFS and checked to ensure that FFVs identified as fishing within the U.S. EEZ have checked-in and are conducting authorized fishing operations. We also review the sighting reports when they are received in order to correlate the sightings with any other information we may have, such as whether or not a NMFS observer is on board, vessels in transit for reasons other than fishing, known research activities, etc.

With regard to foreign fishing activity within the U.S. EEZ during the period covered by our report, Japan and Korea had small directed allocations of pollock and other flatfish, and Japan had a larger allocation of pacific cod. I am enclosing a NMFS report on 1987 foreign quotas and catch effort for your information. Foreign directed trawling was closed in area 52 on 27 November, but long lining remained open through 31 December In addition, joint venture directed fishing for pollock, which had been closed on 6 June, was reopened from 8 September to 3 October. Joint venture directed fishing for other flatfish was also open in this area. I have also enclosed a NMFS listing of all domestic (including JVP) groundfish closures in the Alaska region for 1987.

You requested a list of the vessels sighted in the EEZ around the donut hole. I have enclosed an EMIS printout of all sightings since I July in enforcement area 52, west of 173-00W, east of

180-00, and north of 55-00N. This list covers the vessels sighted north and east of the donut hole, as well as a few in the donut hole. Please note that the list includes sightings through 6 January 1988. A report on our sightings between 1 December 1987 and 6 January 1988 will be provided at the January Council meeting. I have annotated the printout to show which vessels carried NMFS observers at the time they were sighted and which vessels were in the donut hole. The printout also gives you the type of vessel and its activity when sighted (underway, drifting, fishing, or just sighted). There are a few unidentified vessels. As with any computerized data base, some minor errors are made in getting the sighting information from the aircraft or cutter on scene in the Bering Sea into the NMFS computer in Juneau.

There were also three vessels shown in our report south of the donut hole in the U.S. EEZ. The one plotted in position 55-32N,173-50E was the Soviet trawler, ZELENOGRAD, sighted on 12 November. As noted in the narrative portion of our report, this vessel was observed in the donut hole by the cutter MORGENTHAU. We compared the position reported by the cutter with the position that was entered into the EMIS data base which was used to generate the graphic display presented in the report. position of the ZELENOGRAD at the time of sighting was 56-32N,173-50E, in the donut hole. This was a data entry error. Another vessel was plotted in position 56-08N,174-11E. the Japanese trawler, SHUNYO MARU NO. 118, sighted on 13 She was in transit to Adak for the medical evacuation of an injured crewman. The third vessel, plotted in position 55-45N,176-22E, just inside the U.S. EEZ, was a Korean trawler, the HANIL HO, sighted by a Coast Guard C-130 aircraft on 17 November with several other Korean vessels fishing on or just outside the EEZ boundary. She was not authorized to be fishing within the U.S. EEZ, but her reported position was considered too close to the boundary for enforcement action at that time. She was sighted again on 31 December in the donut hole in position 55-36N,179-03W.

We do believe that some of the vessels sighted in the donut hole close to the boundary are crossing into the EEZ to fish illegally. However, with the exception of the HANIL HO, the vessels we did sight and identify in the EEZ were conducting legitimate operations. Five of these vessels were also boarded and checked by the cutter MORGENTHAU in November, who did issue a written warning to one Japanese long liner for having an improper boarding ladder. No other MFCMA violations were noted during the boardings. Another cutter, the BOUTWELL, patrolled in the area during July, concentrating on the US/USSR disputed zone, where our governments have agreed to flag state enforcement for US and USSR vessels and to exclude fishing by vessels from other countries. No violations were noted during her patrol.

Due to the level of foreign fishing in the donut hole and our concern that some vessels were crossing the boundary, we did increase the number of our surveillance flights in October and There have been six more flights since 1 December. The elimination of directed foreign fishing within the the U.S. EEZ in 1988 will increase the likelihood that foreign vessels will attempt to fish illegally, as your Association has recently discovered. We recognize this as a high priority enforcement issue and will continue to conduct as many flights and surface patrols along the boundaries as resources and other operational requirements allow. However, due to the federal deficit reduction plan, the Coast Guard funding outlook for 1988 and beyond is not good. It appears that we will experience a 30% reduction in cutter days and a 15% reduction in aircraft flight hours in Alaska. But we will continue to do all we can to enforce U.S. fisheries laws and deter violations at the boundaries and within the EEZ.

> M. MONCRIEF, JR. Captain, U. S. Coast Guard Chief, Operations Division By direction of the District Commander

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Encl: (1)NMFS letter dated December 4, 1987

> (2) Alaska Region Fisheries Closures - 1987 (rev. 24 NOV 87)

(3) Sightings in Area 52 Since 7/1/87

Copy: James O. Campbell, Chairman, NPFMC Jim H. Branson, Executive Director, NPFMC . Robert W. McVey, Regional Director, NMFS-AK Commandant (G-OLE)

COMPACAREA (Po)

CO, Coast Guard Air Station Kodiak



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

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

December 4, 1987

Jim Branson, Executive Director North Pacific Fishery Management Council 411 W. 4th, Suite 2D Anchorage, AK 99501

Dear Jim:

Enclosed are best blend catch reports on foreign catches in the Bering Sea/Aleutian Islands for 1987 through November 21. These are preliminary statistics and may be changed as foreign and observer reports are received.

Sincerely,

Robert W. McVey Director, Alaska Region

Enclosures



### TOTAL CATCHES OF PROHIBITED SPECIES IN DIRECTED FISHERIES JANUARY 1 THROUGH NOVEMBER 21, 1987

Total foreign catch of prohibited species in trawl fisheries in the Bering Sea, and foreign catches of C. bairdi in trawl fisheries for yellowfin sole and other flatfish (YF/FLT) in Zone 1 and 2. Quotas for C. bairdi are guidelines only.

	All Bering Sea, all fisheries	All areas Trawl fis	in Berin heries on	g Sea ly		Zone 1 & 2						
	Ground- fish (mt)	Halibut (mt)	King crab (no.)	Tanner crab (no.)	Salmon	Bering Sea YF/FLT C. bairdi (no.)						
Japan Catch Quota %Taker	50,945 101,446 50%	145 124 117%	5,126 53,606 10%	216,025 935,718 23%	2,760 9,860 28%	20,823.0 * 0%						
Korea Catch Quota %Taker	1,614 29,900 n 5%	20 37 55%	388 15, 800 2%	152, 439 275, 792 55%	3 2,906 0.1%	4,851 41,369 12%						
PRC Catch Quota %Taker	1,350 n 0	0 2 0	713 0	0 12, 452 0	131 0	1,808 0						

CATCH OF HALIBUT IN JAPANESE LONGLINE FISHERY, JUNE 1, 1987-END OF YEAR

Week ending date	Catch					
November 21, 1987 June 6, 1987	680 <b>414.</b> 3					
Catch since June 6 Quota Remainder	265.7 105 -160.7	·				

Prepared 03-Dec

BEST-BLEND FOREIGN CATCH FOR PERIOD 870101 - 871121

				1100 0/01	.01 - 6/11	<b>Z</b> 1	03-766	
NATION	REGION		SPECIES	WEEKLY CATCH	TOTAL CATCH	QUOTA	REMAINDER	% TAKEN
ROK ROK ROK ROK ROK ROK ROK	BERING BERING BERING BERING BERING BERING	SEA SEA SEA SEA SEA	ARROWTOOTH FL OTHER FISH	0000000	694.3 324.7 312.7 228.2 0.1 0.1 3.2 51.1	2957 18933 1000 1000 9 2 100 495	2262.7 18608.3 687.3 771.8 8.9 1.9 96.8 443.9	23% 2% 31% 23% 1% 5% 3% 10%
ROK	BERING	SEA	TOTAL	0	1614	24496	22882	7%
JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN	BERING BERING BERING BERING BERING BERING BERING BERING	SEA SEA SEA SEA SEA SEA SEA SEA	YELLOWFIN SOL FLOUNDER WO Y POLLOCK PACIFIC COD SABLEFISH ATKA MACKEREL	1.7 135.2 95.6 241.2 2305.7 2.9 0.1 0.4 161.7 107 21.2	74.4 1086.2 1346.2 2429.9 41102.2 19.3 0.4 4.9 6.6 2107.3 1991.2 776.8	308 1905 11786 3950 72225 30 6 13 7 5497 3980 1739	233.6 818.8 10439.8 1520.1 31122.8 10.7 5.6 8.1 0.4 3389.7 1988.8 962.2	24% 57% 112% 57% 64% 7% 38% 394% 30% 45%
JAPAN	BERING	SEA	TOTAL	3073	50945	101446	50501	50%
ALL ALL ALL ALL ALL ALL ALL ALL ALL	BERING BERING BERING BERING BERING BERING BERING	SEAAAAAA SEEAAAAAA	YELLOWFIN SOL FLOUNDER WO Y POLLOCK PACIFIC COD SABLEFISH ATKA MACKEREL POP ROCKFISH WO P ARROWTOOTH FL OTHER FISH	1.7 135.2 95.6 241.2 2305.7 2.9 0.1 0.4 161.7 107 21.2	74. 4 1780. 5 1670. 9 2742. 6 41330. 4 19. 4 0. 4 5 6. 6 2110. 5 2042. 4 776. 8	393 5000 37080 5000 73295 40 10 17 9 5602 4500 1750	318.6 3219.5 35409.1 2257.4 31964.6 20.6 9.6 12 2.4 3491.5 2457.6 973.2	19% 36% 55% 55% 49% 293% 45% 44%
ALL	BERING	SEA	TOTAL	3073	52560	132696	80136	40%
JAPAN ALL			SNAILS SNAILS	0	949.7 949.7	3000 3000	2050.3 2050.3	32% 32%



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

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

December 4, 1987

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Sincerely,

Robert W. McVey

Director, Alaska Region

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	All Bering Sea, all fisheries	All areas	s in Berin sheries on	ng Sea Ny		Zone 1 & 2
	Ground- fish (mt)		King crab (no.)	Tanner crab (no.)	Salmon (no.)	Bering Sea YF/FLT C. bairdi (no.)
Japan Catch Quota %Taker	50,945 101,446 1 50	124	5,126 53,606 10%	216,025 935,718 23%	2,760 9,860 28%	20,823.0 * 0%
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PRC Catch Quota %Taker	1,350 0	0 2 0	713 0	12, 452 0	0 131 0	1,808 0

CATCH OF HALIBUT IN JAPANESE LONGLINE FISHERY, JUNE 1, 1987-END OF YEAR

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Prepared 03-Dec

BEST-BLEND FOREIGN CATCH FOR PERIOD 870101 - 871121

			SPECIES	WEEKLY CATCH	TOTAL CATCH	QUOTA	REMAINDER	% TAKEN
ROK ROK ROK ROK ROK ROK ROK ROK	BERING BERING BERING BERING BERING BERING BERING BERING	SEA SEA SEA SEA SEA SEA SEA	YELLOWFIN SOL FLOUNDER WO Y POLLOCK PACIFIC COD SABLEFISH POP ARROWTOOTH FL OTHER FISH	000000	694.3 324.7 312.7 228.2 0.1 0.1 3.2 51.1	2957 18933 1000 1000 9 2 100 495	8.9 1.9	23% 2% 31% 23% 1% 5% 3% 10%
ROK	BERING	SEA	TOTAL	0	1614	24496	22882	7%
JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN JAPAN	BERING BERING BERING BERING BERING BERING BERING BERING BERING	SEAAAAAAAAAAAAAAAAAA	ROCKFISH WO P ARROWTOOTH FL	95.6 241.2 2305.7 2.9 0.1 0.4 161.7 107	74.4 1086.2 1346.2 2429.9 41102.2 19.3 0.4 4.9 6.6 2107.3 1991.2 776.8	308 1905 11786 3950 72225 30 6 13 7 5497 3980 1739	233.6 818.8 10439.8 1520.1 31122.8 10.7 5.6 8.1 0.4 3389.7 1988.8 962.2	24% 57% 62% 57% 64% 7% 38% 94% 38% 50%
JAPAN	BERING	SEA	TOTAL	3073	50945	101446	50501	50%
ALL ALL ALL ALL ALL ALL ALL ALL ALL	BERING BERING BERING BERING BERING BERING BERING BERING	SEEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	YELLOWFIN SOL FLOUNDER WO Y POLLOCK PACIFIC COD SABLEFISH ATKA MACKEREL POP ROCKFISH WO P	241.2 2305.7 2.9	2742.6 41330.4 19.4	393 5000 37080 5000 73295 40 10 17 9 5602 4500 1750	3219.5 35409.1 2257.4 31964.6 20.6 9.6 12	19% 36% 55% 55% 49% 29% 29% 38% 45%
ALL	BERING	SEA	TOTAL	3073	52560	132696	80136	40%
JAPAN ALL	BERING BERING	SEA SEA	SNAILS SNAILS	0	949.7 949.7	3000 3000	2050.3 2050.3	32% 32%

#### ALASKA REGION FISHERIES CLOSURES - 1987 (rev. 24 NOV 87)

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(* indicates revision to list)
DMESTIC GROUNDFISH CLOSURES - Gulf of Alaska
Area Species Gear Dates/Remarks
                               DAP OPEN APR 1 " CLOSED APR 9 (no
SOUTHEAST OUTSIDE/ SABLEF. LL
 EAST YAKUTAT " . " .
                                retention authorized)
 (Areas 65 & 68)
                                DAP RE-OPENED SEP 21 (12:00 noon)
                                and CLOSE SEP 23 (12:00 noon)
                 " SABLEF.
                           TRWL "DAH CLOSED NOV 10 (no retention
                                muthorized)
             ALL SP.
                           TRWL
                                DAP CLOSED JUL 15
                              " DAP RE-OPENED SEP 21 (12:00 noon)
                            (except other rookfish & seblefish)
                   ALL SP.
                           BTRL JVP CLOSED NOV 5 (bottom trawls
                            " " " prohibited, pelagic trawling
                                remains open)
                  ALL SP. POT DAP NO OPEN SEASON
                  O.ROCKF. ALL
                                DAP CLOSED JUL 15 (no retention
                                authorized)
               - * POP
                                DAP CLOSED NOV 23 (no retention
                           ALL
                                authorized)
WEST YAKUTAT
                  SABLEF. LL
                                DAP OPEN APR 1 " CLOSED APR 15 (no
                           ' retention authorized)
 (Area 64)
                              DAP RE-OPENED SEP 21 (12:00 noon)
                             and CLOSE SEP 25 (12:00 noon)
                  SABLEF.
                           TRWL DAP CLOSED JUN 20 (no retention
                                 authorized)
                  ALL SP.
                           POT DAP NO OPEN SEASON
                ALL SP.
                           TRWL DAP CLOSED JUL 15
                              DAP RE-OPENED SEP 21 (12:00 noon)
                                 (except sablefish & other rockfish)
                           BTRL JVP CLOSED NOV 5 (bottom trawls
                 ALL SP.
                                prohibited, pelagic trawling
                                remains open)
              O.ROCKF.
                           ALL ...
                                DAP CLOSED JUL 15 (no retention
                                 authorized)
                 * POP
                           ALL
                                DAP CLOSED NOV 23 (no retention
                                 authorized)
                                DAH OPEN APR 1 " CLOSED MAY 29 (no
CENTRAL
             SABLEF.
 (Areas 62 & 63)
                                retention authorized)
                  SABLEF.
                                DAH CLOSED MAY 5 (no retention
                           TRWL
                                authorized)
                           POT
                  ALL SP.
                                DAP NO OPEN SEASON
                  O.ROCKF. ALL DAP CLOSED JUL 15 (no retention
                                 authorized)
                  POPcmplx.ALL
                                'DAP CLOSED SEP 16 (no retention
                                 authorized)
            GOA AREA CLOSURES CONTINUED ON FOLLOWING PAGE
```

DAH = DAP + JV//DAP = Domestic processing//JVP = JV (foreign process)

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CENTRAL - cont. POLLOCK ALL JVP CLOSED to directed fishing OCT
  (Areas 62 & 63)

17 (Incidental catch < 20%)

ALL SP. BTRL JVP CLOSED NOV 5 (bottom trawls
                               prohibited, pelagic trawling
                               remains open)
 WESTERN SABLEF. LL DAH OPEN APR 1 CLOSED JUN 8 (no (Area 61) Petention authorized)
               SABLEF. TRWL DAH CLOSED to directed fishing MAR
                              21 (Incidental catch ( 20%)
               SABLEF. POT DAP OPEN APR 1 " CLOSED AUG 22 (no
                                retention authorized)
               O.ROCKF. ALL 'DAP CLOSED JUL 15 (no retention authorized)
                                   authorized)
                POPcmplx.ALL DAP CLOSED SEP 16 (no retention
                                 <u>authorized</u>)
                 ALL SP. ALL 'JVP OPEN OCT 10 (except POP,
                                  sablefish, & o. rockfish are PSC)
              ALL SP. BTRL "JVP CLOSED NOV 5 (bottom trawls prohibited, pelagic trawling
                                   remains open)
               POLLOCK ALL JVP CLOSED to directed fishing OCT 17 (Incidental catch < 20%)
 DOMESTIC GROUNDFISH CLOSURES - Bering Sea and Aleutian Islands
 Area
                  Species Gear Dates/Remarks
BERING SEA YELLOWF. ALL JVP CLOSED JUN 29 (no retention authorized)
                   POLLOCK ALL 'JVP CLOSED to Directed fishing JUN 6 (Incidental catch < 20%)
                                 JVP RE-OPENED SEP 8 to Directed
                                  fishing
                                  JVP CLOSED to Directed fishing
                                   OCT 3 (Incidental catch < 20%)
                O.FLATF. ALL
                                   JVP CLOSED to Directed fishing
                                  JUN 29/amended JUL 29 (Incidental
                                   catch ( 20%) - Closure applies to
                                   area E of 165 W and S of 56-30 N:
                                   area E of 170 W. N of 56-30 N and
                                   S of 61 N.
                                   DAH CLOSED NOV 16 (no retention
                SABLEF. ALL
                                  euthorized)
               " " O.ROCKF. ALL DAH CLOSED NOV 16 (no retention
                                   authorized)
                     ATKA M. ALL JVP CLOSED NOV 1 (no retention
                                   authorized)
 ALEUTIAN ISLANDS
                     YELLOWF. ALL
                                   JVP CLOSED JUN 29 (no retention
  (Area 54)
                                   authorized)
                     SABLEF.
                              ALL
                                   DAP CLOSED to Directed fishing SEP
                                 23 (Incidental catch ( 20%)
                                  JVP CLOSED NOV 1 (no retention
                     ATKA M. ALL
                                  authorized)
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#### DOMESTIC SALMON TROLL CLOSURES

OUTHEAST OUTSIDE - EEZ

All Areas CHINOOK TRL OPEN JUN 20 ~ CLOSED JUL 13 (All waters)

Fairweather Grnds. ALL SAL. TRL OPEN JUN 20 CLOSED JUL 13 (Outer Fairweather only -

S corner: 57-50.5N/138-19.5W;

E corner: 58-15.9N/137-21.5W;

N corner: 58-46.7N/138-54.5W; and

W corner: 58-24.5N/139-48.8W.)

All other areas of EEZ east of Cape Suckling (143-53.36W) are open to trolling for salmon other than chinook.

ALL SAL. TRL CLOSED SEP 20 (All waters for the year)

(file:F:\DAVE\DW3\DOMESTIC\87CLOSE.DOM)

												· *	É		4
_PATROL	SOURCE	AGEN	T SIGHT								CALL	V5L			
UNIT	CODE	NO.	DATE	TIME	LAT	LONG	ARF.A	FP	NA.	T VESSEL NAME	SIGN	TYPE	ACT BOARD	SYSID	
															<b>₹</b>
										110 1 0	N N	31405			vessel
KODIAK AIR C13D	2	ū	7/15/87		6106N					MULTIPLE US/USSR	DISPUTED		nugarm		
CGC MORGENTHAU	1	0	11/11/87		5945N	17829W		BSA	JA	AKEBONO MARU NO. 22)	the JEES		sighted		(ypeo ;
EODIAK AIR STATION	1.	n	10/21/87			17349W		BSA	JA	AKEBONO MARU NO. 22	- abs JEES	20	FISKING	7544	,
KODIAK AIR C130	2	O	10/28/87			17342W	52	BSA	JA	AKEBONO MARU NO. 22)	JEES	20	F	7623	dd - argaany
KODIAK AIR C130	2	0	11/18/87		5646N	17320W	52	BSA	JA	ANYO MARU NO. 18 ) O	55 7JUN-	20	F	7915	ii
KODTAK AIR C130	2	O	11/06/87		5855N	17725W	52	BSA	JA	ANYO MARU NO. 18	7JUN	20	F ·	7678	11- Caropa
KODIAK AIR C130	2	0	11/18/87	2157	5804N	17402W	52	BSA	JA	ANYO MARU NO. 21- Qb	5 JAOF -	60	F	7912	17 - Tanker
KODIAK AIR C130	2	n	11/18/87	2155	5805N	17400W	52	BSA	JA	ANYO MARU NO. 227	JIXS ~	60	F	7910	15- Large
⊭ODTAK ATR C130	2	0	11/09/87	2235	5702N	, 17309W	52	BSA	JΑ	ANYO MARU NO. 22 🏲 🗘	<b>b</b> \$ jixs	60	F	7722	
HODIAK ATR C130	2	0	12/01/87	2325	5829N	17425W	52	BSA	AL	ANYO MARU NO. 22	JIXS	60	F	8058	Starr
FUDIAK AIR STATION	1	O	10/21/87	2105	5706N	17343W	52	BSA	JA	DATAN MARU NO. 128 to	bs JBXX	20	F	7546	ី(Ca wife)
FODIAK AIR C13D	2	O	10/15/87	2105	5915N	17751W	52	BSA	JA	DAIAN MARU NO. 128)	JBXX	25	F	7/00	20- Medicin
CGC MORGENTHAU	1	O	11/09/87	2200	5846N	17739W	52	BSA	JA	DAIKICHI MARU NO. 51	JFUK-	20	s E*	7752	Stern
CGC MORGENTHAU	1	0	11/10/87	1718	5840N	17713W	52	BSA	AL	DAIKICHI MARU NO. 514		20	F	7756	
CRC MORGENTHAU	1	0	11/11/87	207	5936N	17952W	52	BSA	JA	DAIKICHI MARU NO. 51	JFUK	20	s S	7828	Trawler
KODIAK AIR C130	2	0	11/18/87	2136	5825N	17526W	52	BSA	JA	DAIKICHI MARU NO. 51	JFUK	20	F	7905	25-5moll
KODIAK AIR C130	2	O	12/28/87	2239	5843N	17420W	52	BSA	JA	_ ~	▶5 7LH0-	60	F	8113	Stork
FODIAK AIR C130	2	0	11/18/87			17417W	52	BSA	JA	EBISU MARU NO. 88	7LH0	60	, F	7907	Trawler
CGC MORGENTHAU	1	. 0	11/10/87		5913N	17651W	52	BSA	JA	EIKYU MARU NO. 12	7K0S-	60	, F E	7758	
KODIAK AIR 0130	2	• n	12/09/87		5840N	17533W	52	BSA	JA	EIKYU MARU NO. 12	7K05	60	oristing		60-Long lines
FODIAK AIR C130	2	0	11/18/87		5736N	17330W	52	BSA	JA	<b>_</b>	h			8068	60- ro g 111.
FODIAK AIR C130	2		11/09/87		5847N	17709W	52	BSA	JA	EIKYU MARU NO. 12	565 7KOS 7KOS	60	5	7913	70- Pat 1/V
KODIAK AIR C130	2		10/15/87		5705N	17303W	52	BSA	JA	EIKYU MARU NO. 12		60	5	7718	70-136114
KODIAK AIR C130	2		11/06/87		5839N	17640W	52	BSA	JA		7K0S	60	<u>F</u> .	7489	
EDDIAK AIR C130	2		10/26/87		5728N	17656W	DON		JA	EIKYU MARU NO. 12	7K05	60	F	7680	
FODIAK AIR C13D	2		10/26/87		5935N	17712W	52	BSA		EIKYU MARU NO. 75 CO		25	S	7593	
EDDIAK AIR C13D	2		11/12/87		5638N	17303W	52	BSA	•	FUKUCHO MARU NO. 117	the JFUT-	25	F	7601	**
MODIAK AIR C130	2		10/27/87		5925N	17700W	52	BSA	JA	FUKUCHO MARU NO. 117		25	F	7806	E inclicates
RODITAK ATR C130	2		10/15/87		5710N	17312W	52	BSA	J۸	FUKUCHO MARU NO. 11	JFUT	25	F	7614	
CGC MORGENTHAU	1		11/10/87		5840N	17626W	52 52	BSA	JΑ	FUKUSHIN MARU NO. 8-	CAS 7LAM	20	F	7488	Vessel was
KODIAK AIR C130	2		12/09/87		5945N	17822W	52		AL	FUKUYOSHI MARU NO. 26		60	F	7757	
KODIAK AIR C130	2	_	12/09/87		5844N	17726W	52 52	BSA	JA	FUKUYOSHI MARU NO. 26	1 1	60	s .	8071	bearded
FODIAK AIR C130	2		11/09/87		5841N	17723W	52 52	BSA	JA	FUKUYOSHI MARU NO. 26	Mary	60	5 ,	8069	
KODIAK AIR C130	2	•	11/06/87		5737N	17354W		BSA	JA	FUKUYOSHI MARU NO. 26	1	60	S	7719	
FODJAK AIR C130	2		11/18/87		5808N	17354W	52	BSA	JA	FUKUYOSHI MARU NO. 26	1	60	F	7683	
KODIAK AIR C130	2		11/18/87		5825N	17525W	52	BSA	JA	FUKUYOSHI MARU NO. 26	Z 5	60	F	7908	
FODIAK AIR STATION	1	_	10/21/87		5733N		52	BSA	JA		- OBS JECK	20	F	7906	
KODTAK ATR C130	2	_	10/26/87		5733N 5729N	17355W	52	BSA	JA	FUKUYOSHI MARU NO. 8-	ODS JAPO"	60	F	7543	
USC MORGENTHAU	i		11/11/87		5729N 5915N		DESOR		AL	HAMAYOSHI MARU NO. 63		50	S	7591 ~	•
KOUTAK AIR STATION	1		10/21/87			17703W	52	BSA	JA	HATSUE MARU NO. 68)	JAWR ~	60	FΕ	7759	
MODIAK AIR C130	2		10/28/87			17351W	52	BSA	JA	HATSUE MARU NO. 68	JAWR	EO	5	7540	
FODIAK AIR C130	2		10/15/87	1	5753N	17337W	52	BSA	JA	HATSUE MARU NO. 68	ODS JAWR	60	F	7620	
FODIAK AIR C130	2		11/09/87			17407W	52	BSA	JA	HATSUE MARU NO. 68 }	JAWR	60	F	7485	
KODIAK AIR STATION	1		10/20/87			17734W	52	BSA	JΑ	HATSUE MARU NO. 68	JAWR	60	F	7715	•
KODIAK AIR C130	2	-		57		17823W	52	BSA	JA	HOKUYU MARU NO. 68)	Le JAJS	10	F	7533	
EODIAK AJR C130	2		10/15/87		6018N	17806W	52	BSA	JA		AS JAJS	20	F	7480	
MODIAK AIR C130	2	_	10/27/87			17817W	52		AL	HOKUYU MARU NO. 68	JAJS	20	F	7611	
EDDIAK AIR C130			11/06/87			17523W	52	BSA	JA	KAIUN MARU NO. 65	Le 7LVY-	20	F	7681	•
PODIAK AIR C130	2		10/15/87			17752W	52		JΑ	KATUN MARU NO. 65 TO	7LVY	20	· F	7481	,
CGC MORGENTHAU	2		10/27/87		6021N	17810W	52	BSA	JA	KATUN MARU NO. 65	7LVY	20	F	7610	, '
FODIAK AIR STATION	1			320		17830W	52	BSA	JA	KATYO MARIL NO 443		20	ΰ	7830	r
CODIAK AIR STATION	1		10/21/87			17343W	52		JA	KAIYO MARU NO. 11 TO	5 JNKH	20	F	7545	
RODIAK AIR CISU	2 2		10/28/87	25		17317W	52		JA	KAIYO MARU NO. 11	JNKH	20	S	7625	
KODIAK AIR C130	2		10/26/87				BINNER		JA	KAIYO MARU NO. 15 POA	UT JAKR	20	Š	7590	
	2		10/27/87			17711W	52	BSA	JΑ	KAIYO MARU NO. 18-05	S JBTT-	25	F	7615	
1.00TAK AIR C130	2.	0	11/06/87	2225	5743N	17334W	52	BSA	JA	KIYO MARU NO. 55 -055	JKRL-	60	, S	7682	
												~~	~	1110%	

(obs-NMFS observer on board)

	KODIAK AIR 0130	2	o	1.1/09/87 2220	5753N	173381	J 52	BSA J	JΛ	KIYO MARU NO. 55 ) NAC	JKRI.	60	F	772 L
Color   Colo	RODIAK ALPSTATION	1	O	10/21/87 2017	5832N	175461	J 52	BSA 3	IA	KIYO MARU NO. 55 (00)	JKRL	60	D	7536
Color Ale Clay   2	TEKNOTAK AT \$130	2	r)	11/18/87 2155	5806N	174061	J 52	P 🗎 3	JA		JKRL	60	F	7901
Color Ale Clay   2	KODIAK AIN-2130	2	(1	10/26/87 2131	5729N	176526	J 52	в. 🍠 J	JA	KOFI MARU NO. 5iをつりら	JITW-	50	F	75
WILLIAM ALE CLAM   2	KODTAK AIR C130	2	O	10/15/87 2158	5740N	173456	J 52	BSA J	JΑ		JITW	20	F	745
MIJIAX AIR (1.10)	KODIAK AIR C130	2	0	11/18/87 2213	5710N	173454	J 52	BSA J	ĪΑ	KOEI MARU NO. 56- 005	JQNZ-	60	D	7914
NOTICE AIR CLIVE   2	_ACDIAK ATR C130	2	n	10/27/87 2256	5917N	177204	J 52	BSA J	IΑ	KOSHIN MARU NO. 18) 005	JBAV-	20	f.	7612
NOTICE AIR CLUS   2	,	2	O	10/26/87 2231	5935N	177086	J 52	BSA J	Α	KOSHIN MARU NO. 18)	VABL	20	s	7600
RODIAK AIR CLIM  2 0 17/01/R2 2213 6181 72844 122 88A JA MATSUEL MARUN NO. 86 PD JISSK  8001AK AIR CLIM  2 0 17/01/R2 2213 6181 72844 122 88A JA MATSUEL MARUN NO. 86 PD JISSK  8001AK AIR CLIM  2 0 17/02/R2 2213 6181 72844 122 88A JA MATSUEL MARUN NO. 81 PD JISSK  8001AK AIR CLIM  2 0 17/02/R2 201 70 10 10 10 10 10 10 10 10 10 10 10 10 10	KODIAK AIR C130	2	O	11/09/87 2142	5848N	177196	1 52	BSA J	ſΛ		JKSK*	60	F	7717
Marsher   Mars		2	O										F	
Color   Colo			0											
NOTICE AND   1   10   10   10   10   10   10   10														
NODIAN AIR CLUD   2		2								NISSHIN MARU NO. 512 at 4				
KODIAK AIR CIND 2 0 10/21/87 2027 68540 17508 152 KODIAK AIR CIND 2 0 10/27/87 2350 68540 17508 152 KODIAK AIR CIND 2 0 10/27/87 2350 68540 17508 152 KODIAK AIR CIND 2 0 10/27/87 2350 685240 17508 152 KODIAK AIR CIND 2 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 2 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 2 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 2 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 2 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 2 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 3 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 3 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 4 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 4 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 5 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 5 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 5 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 5 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 5 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 5 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 5 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 5 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 6 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 6 0 10/27/87 2350 685240 17408 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 KODIAK AIR CIND 6 0 10/28/87 235 685240 17304 152 685240 152 685240 152 685240 152 685240 152 685240 152 685240 152 685240 152 685240 152 685240 152 685240 152 685240 152 6852			_							NISSHIN MARU NO 51)				
KROJAK AJR CLUD  2 0 11/22/87 2320 5644N 17864U 52 584 1 17869W 52 584 1 17869	•													
KODIAK AIR CIMO 2 0 10/28/87 16 5721N 1748/81 52 88A JA PYUJIN MARU NO. 21-085 JISS 60 F 7622 KODIAK AIR CIMO 2 0 10/28/87 26 5721N 1748/81 52 88A JA PYUJIN MARU NO. 15-085 JISS 60 F 7622 KODIAK AIR CIMO 2 0 10/28/87 263 8958N 17702W 52 88A JA PYUJIN MARU NO. 15-085 JISS 60 F 7622 KODIAK AIR CIMO 2 0 10/28/87 2007 8827N 17702W 52 88A JA PYUJIN MARU NO. 15-085 JISS 60 F 7622 KODIAK AIR CIMO 2 0 10/28/87 2007 8802N 17702W 52 88A JA PYUJIN MARU NO. 11 0 F 7597 7819 7819 7819 7819 7819 7819 7819 78											,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
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KODIAK AIR SIATION 1 0 10/21/87 2042 \$80BN 17357W \$2 85A JA SHINTOKU MARU NO. 25 1LLU 50 8 7539 KNDIAK AIR C130 2 0 10/28/87 65 756N 17357W \$2 85A JA SHINTOKU MARU NO. 25 1LLU 50 8 7539 KNDIAK AIR C130 2 0 10/28/87 2045 6018N 1780FW \$2 85A JA SHINTOKU MARU NO. 25 1LLU 60 5 7621 KNDIAK AIR C130 2 0 10/28/87 2045 6018N 1780FW \$2 85A JA SHINTOKU MARU NO. 25 1LLU 60 5 7621 KNDIAK AIR C130 2 0 10/28/87 2045 6018N 1780FW \$2 85A JA SHINTOKU MARU NO. 25 1LLU 60 5 7624 KNDIAK AIR C130 2 0 10/28/87 2045 6018N 1780FW \$2 85A JA SHINTOKU MARU NO. 25 1LLU 60 5 7624 KNDIAK AIR C130 2 0 10/28/87 2045 6018N 1780FW \$2 85A JA SHINTOKU MARU NO. 25 1LLU 60 5 7624 KNDIAK AIR C130 2 0 10/28/87 2045 6018N 1780FW \$2 85A JA SHINTOKU MARU NO. 35 605 JKEP 7 7618 KNDIAK AIR C130 2 0 11/18/87 2055 858 JN 17521W \$2 85A JA SHINTOKU MARU NO. 35 605 JKEP 20 F 7618 KNDIAK AIR C130 2 0 11/18/87 2055 858 JN 17521W \$2 85A JA SHINTOKU MARU NO. 35 605 JKEP 20 F 7618 KNDIAK AIR C130 2 0 11/18/87 2055 8517N 178337W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7559 KNDIAK AIR C130 2 0 10/28/87 2145 5950N 17831W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7546 KNDIAK AIR C130 2 0 10/28/87 2015 5950N 17831W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7554 KNDIAK AIR C130 2 0 10/28/87 2015 5950N 17831W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7546 KNDIAK AIR C130 2 0 10/28/87 2015 5950N 17831W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7467 KNDIAK AIR C130 2 0 10/28/87 2015 5950N 17831W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7554 KNDIAK AIR C130 2 0 10/28/87 2015 5950N 17831W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7559 KNDIAK AIR C130 2 0 10/28/87 2015 5950N 17831W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7553 KNDIAK AIR C130 2 0 10/28/87 2015 5950N 17831W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7553 KNDIAK AIR C130 2 0 10/28/87 2015 5950N 17831W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7553 KNDIAK AIR C130 2 0 10/28/87 2015 5950N 17831W \$2 85A JA TINEH MARU NO. 35 605 JKEP 20 F 7553 KNDIAK AIR C130 2 0 10/28/87 2015 5950N 17831W \$2 85A JA TINEH MARU NO			-					BSA J	Α	SHINTOKU MARU NO. 25(00)	JLLU	60	F	7720
KODIAK AIR (130) 2 0 10/28/87 6 5746N 17306N 52 85A JA SHINTOKU MARU ND) 28 1LU 60 F 7621 KODIAK AIR (130) 2 0 10/15/87 2045 6018N 17806N 52 85A JA SHINTOKU MARU ND) 28 1LU 60 F 7621 KODIAK AIR (130) 2 0 10/27/87 2338 8539N 17521U 52 85A JA SHOYO MARU -0.85 JAFA 20 F 7479 KODIAK AIR (130) 2 0 10/27/87 2338 8539N 17521U 52 85A JA TAISEI MARU ND. 35, 665 JKEF 20 F 7618 KODIAK AIR (130) 2 0 10/27/87 2338 8539N 17518U 52 85A JA TAISEI MARU ND. 35, 665 JKEF 20 F 7538 KODIAK AIR (130) 2 0 10/26/87 2255 9517N 17337U 52 85A JA TENYU MARU ND. 35, 665 JKEF 20 F 7598 KODIAK AIR (130) 2 0 11/18/87 2156 880AN 17359U 52 85A JA TENYU MARU ND. 37, 685 JBSD 25 F 7467 KODIAK AIR (130) 2 0 10/26/87 2215 9510N 1729U 52 85A JA TOMI MARU ND. 88 JLKO 60 S 81100 KODIAK AIR (130) 2 0 10/26/87 2215 9510N 1729U 52 85A JA TOMI MARU ND. 88 JLKO 60 S 81100 KODIAK AIR (130) 2 0 10/26/87 2230 5935N 17358U 52 85A JA TOMI MARU ND. 88 JLKO 60 S 7598 KODIAK AIR (130) 2 0 10/26/87 2230 5935N 17308U 52 85A JA TOMI MARU ND. 88 JLKO 60 S 7598 KODIAK AIR (130) 2 0 10/26/87 2330 5935N 17308U 52 85A JA TOMI MARU ND. 88 JLKO 60 S 7598 KODIAK AIR (130) 2 0 10/26/87 2330 5935N 17308U 52 85A JA TOMI MARU ND. 88 JLKO 60 D 7534 KODIAK AIR (130) 2 0 10/26/87 2330 5935N 17308U 52 85A JA TOMI MARU ND. 88 JLKO 60 D 7534 KODIAK AIR (130) 2 0 10/26/87 2330 5935N 17308U 52 85A JA TOMI MARU ND. 88 JLKO 60 D 7534 KODIAK AIR (130) 2 0 10/26/87 2330 5935N 17308U 52 85A JA TOMI MARU ND. 88 JLKO 60 D 7534 KODIAK AIR (130) 2 0 10/26/87 2330 5935N 17308U 52 85A JA TOMI MARU ND. 88 JLKO 60 D 7534 KODIAK AIR (130) 2 0 10/26/87 2330 5935N 17308U 52 85A JA TOMI MARU ND. 88 JLKO 60 D 7534 KODIAK AIR (130) 2 0 10/26/87 2330 5935N 17308U 52 85A JA TOMI MARU ND. 88 JLKO 60 D 7534 KODIAK AIR (130) 2 0 10/26/87 2330 5555N 17308U 52 85A JA TOMI MARU ND. 88 JLKO 60 D 7534 KODIAK AIR (130) 2 0 10/26/87 2330 5555N 17308U 52 85A JA TOMI MARU ND. 38 JLKO 60 D 7534 KODIAK AIR (130) 2 0 10/26/87 2330 5555N 17308U 52 85A JA TOMI MARU ND. 38 JLKO 60 D 7535 KODIAK AIR (130) 2 0 10/26/87 2330 55			_			17705W	52 f	3SA J	Α	SHINTOKU MARU NO. 25	JLLU	60	,S	7677
KODIAK AIR CLISIO 2 0 10/26/87 2136 5727N 1765NB DONUTESA JAN SHOFT MARU NO. 5 DONUTES 25 5 7547 KODIAK AIR CLISIO 2 0 10/27/87 2338 5839N 17521B 52 8SA JA TAISEI HARU NO. 35 65 JKEP 20 F 7618 KODIAK AIR CLISIO 2 0 10/27/87 2338 5839N 17521B 52 8SA JA TAISEI HARU NO. 35 65 JKEP 20 F 7618 KODIAK AIR CLISIO 2 0 10/26/87 2255 5917N 17658B 52 8SA JA TAISEI HARU NO. 35 65 JKEP 20 F 7537 KODIAK AIR CLISIO 2 0 10/26/87 2255 5917N 17658B 52 8SA JA TAISEI HARU NO. 35 65 JKEP 20 F 7537 KODIAK AIR CLISIO 2 0 10/26/87 2255 5917N 17337U 52 8SA JA TAISEI HARU NO. 35 65 JKEP 20 F 7537 KODIAK AIR CLISIO 2 0 10/26/87 2205 5910N 17357U 52 8SA JA TAISEI HARU NO. 35 65 JKEP 20 F 7537 KODIAK AIR CLISIO 2 0 10/26/87 2210 5910N 17357U 52 8SA JA TAISEI HARU NO. 35 65 50 JKEP 20 F 7537 KODIAK AIR CLISIO 2 0 10/26/87 2210 5910N 17357U 52 8SA JA TAISEI HARU NO. 35 65 JKEP 20 F 7537 KODIAK AIR CLISIO 2 0 10/26/87 2210 5910N 17357U 52 8SA JA TENYU HARU NO. 57 685 JKEP 20 F 7537 KODIAK AIR CLISIO 2 0 10/26/87 2210 5910N 17729U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 8110D KODIAK AIR CLISIO 2 0 10/26/87 2210 5910N 17729U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR CLISIO 2 0 10/26/87 2210 5910N 17729U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR CLISIO 2 0 10/26/87 2230 5935N 17709U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR CLISIO 2 0 10/26/87 2230 5935N 17709U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR CLISIO 2 0 10/26/87 2305 5935N 17709U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR CLISIO 2 0 10/27/87 2307 5935N 17709U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR CLISIO 2 0 10/26/87 2305 5935N 17709U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR CLISIO 2 0 10/26/87 2305 5935N 17709U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR CLISIO 2 0 10/26/87 2305 5935N 17709U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR CLISIO 2 0 10/26/87 2305 5935N 17709U 52 8SA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR CLISIO 2 0 10/26/87 2305 5935N 17709U 52 8SA JA TOMI MARU NO. 88 JLKO								3SA J	Α	SHINTOKU MARU NO. 25	JLLU	16 <b>1</b> 0	S	7539
KODIAK AIR CLISO   2						1.7306W	52 F	3SA J	Λ	SHINTOKU MARU NO. 25	JLLU	60	F	7621
KODIAK AIR CLIM  2 0 10/27/87 2338 5839N 17521M 52 85A JA TAISEI HARU NO. 35 085 JKEP 20 F 7618  KODIAK AIR STATION 1 0 10/2/87 2025 5831M 17518M 52 85A JA TAISEI HARU NO. 35 085 JKEP 20 F 7618  KODIAK AIR CLIM  2 0 10/2/87 2025 5831M 17518M 52 85A JA TRISIEI HARU NO. 35 085 JKEP 20 F 7557  KODIAK AIR CLIM  2 0 10/18/87 2255 5831M 17357M 52 85A JA TRISIEI HARU NO. 35 085 JKEP 20 F 7558  KODIAK AIR CLIM  2 0 10/18/87 2255 5831M 17357M 52 85A JA TRISIEI HARU NO. 35 085 JKEP 20 F 7558  KODIAK AIR CLIM  2 0 10/18/87 2255 5831M 17357M 52 85A JA TRISIEI HARU NO. 35 085 JKEP 20 F 7558  KODIAK AIR CLIM  2 0 10/18/87 2255 5831M 17357M 52 85A JA TRISIEI HARU NO. 35 085 JKEP 20 F 7558  KODIAK AIR CLIM  2 0 10/18/87 2255 5831M 17357M 52 85A JA TOMI MARU NO. 35 085 JKEP 20 F 7558  KODIAK AIR CLIM  2 0 10/2/87 203 5905M 17331M 52 85A JA TOMI MARU NO. 37 085 JKEP 20 G 8198  KODIAK AIR CLIM  2 0 10/2/87 2259 5920M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7595  KODIAK AIR CLIM  2 0 10/2/87 2259 5920M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7595  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7595  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7595  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7595  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7599  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7599  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7599  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7599  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7599  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17708M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7599  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17709M 52 85A JA TOMI MARU NO. 88 JCD. JLKO 60 S 7599  KODIAK AIR CLIM  2 0 10/2/87 203 5935M 17709								3SA 1J	Α	SHOEI MARU NO. 5 DONA	IJRTE -	25	S	7594
KODIAK AIR CLIMO 2 0 10/21/87 2025 5831N 17518W 52 BSA JA TAISET MARU NO. 35 685 JKEP 20 E 7557 KODIAK AIR CLIMO 2 0 10/26/87 2255 5917N 17559W 52 BSA JA TEISHO HARU NO. 68 68 685 JKEP 25 F 7598 KODIAK AIR CLIMO 2 0 10/15/87 2009 5717N 17359W 52 BSA JA TEISHO HARU NO. 67 60 F 7911 KODIAK AIR CLIMO 2 0 10/15/87 2009 5717N 17359W 52 BSA JA TEISHO HARU NO. 57 685 JBSO 25 F 7687 KODIAK AIR CLIMO 2 0 10/15/87 2009 5717N 17359W 52 BSA JA TENYU MARU NO. 57 685 JBSO 25 F 7687 KODIAK AIR CLIMO 2 0 12/28/87 2165 5950N 17831W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 8110 KODIAK AIR CLIMO 2 0 10/26/87 2101 5910N 17729W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 8110 KODIAK AIR CLIMO 2 0 10/26/87 2030 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 8110 KODIAK AIR CLIMO 2 0 10/26/87 2230 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 7599 KODIAK AIR CLIMO 2 0 10/26/87 2330 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 7599 KODIAK AIR CLIMO 2 0 10/26/87 2330 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 7599 KODIAK AIR CLIMO 2 0 10/26/87 2330 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 75999 KODIAK AIR CLIMO 2 0 10/26/87 2330 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 75999 KODIAK AIR CLIMO 2 0 10/26/87 2330 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 75999 KODIAK AIR CLIMO 2 0 10/26/87 2330 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 75999 KODIAK AIR CLIMO 2 0 10/26/87 2330 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 75999 KODIAK AIR CLIMO 2 0 10/26/87 2330 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 75999 KODIAK AIR CLIMO 2 0 10/26/87 2330 5955N 17709W 52 BSA JA TONI MARU NO. 88 DALLO 60 S 75999 TONI MARU								3SA J	٨	SHOYO MARU ARS	JAFA~	20	F	7479
KODIAK AIR CL30			-	,,					A		JKEP-	20	F .	7618
KODIAK AIR C130 2 0 11/18/87 2156 5804N 17359W 52 BSA JA TENYU MARU NO. 37-083 JMOT- 60 F .7911 KODIAK AIR C130 2 0 10/15/87 2209 5717N 17337W 52 BSA JA TENYU MARU NO. 37-083 JMOT- 60 F .7911 KODIAK AIR C130 2 0 12/28/87 2145 5951N 17337W 52 BSA JA TOMI MARU NO. 87-0AJW 71.NO- 20 0 8198 KODIAK AIR C130 2 0 10/26/87 2215 5951N 17831W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 8198 KODIAK AIR C130 2 0 10/26/87 2215 5951N 17831W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 8198 KODIAK AIR C130 2 0 10/26/87 2215 5951N 17831W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 8198 KODIAK AIR C130 2 0 10/26/87 2230 5951N 17700W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 7534 KODIAK AIR C130 2 0 10/27/87 2305 5935N 17700W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 7534 KODIAK AIR C130 2 0 12/28/87 2323 5718N 17314W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 7534 KODIAK AIR C130 2 0 12/28/87 2337 5747N 17354W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 7534 KODIAK AIR C130 2 0 12/28/87 2337 5747N 17354W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 7534 KODIAK AIR C130 2 0 12/28/87 2337 5747N 17354W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 7534 KODIAK AIR C130 2 0 10/26/87 2307 5910N 17705W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 7534 KODIAK AIR C130 2 0 10/28/87 2307 5910N 17705W 52 BSA JA TOMI MARU NO. 88-0AJW 71.NO- 20 0 7534 KODIAK AIR C130 2 0 10/28/87 2307 5910N 17759W 52 JA UNIDENTIFIED 20 544NTED 20 544NTE			_						A	TAISEI MARU NU. 35,3	JKEP	20	E	7537
KODIAK AIR C130 2 —0 10/15/87 2209 5717N 17337W 52 BSA JA TOMI MARU NO. 57 85 JBSO 25 F 7487 KODIAK AIR C130 2 0 12/28/87 2145 5951N 17835W D58QTBSA JA TOMI MARU NO. 87 D6AJW 71NO 20 0 8198 KODIAK AIR C130 2 0 10/26/87 2210 5910N 17729W 52 BSA JA TOMI MARU NO. 88 JLKO 60 S 81110 KODIAK AIR C130 2 0 10/26/87 2210 5910N 17729W 52 BSA JA TOMI MARU NO. 88 JLKO 60 S 8110 KODIAK AIR C130 2 0 10/26/87 2230 595N 17708W 52 BSA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR C130 2 0 10/26/87 2230 595N 17708W 52 BSA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR C130 2 0 10/26/87 230 595N 17708W 52 BSA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR C130 2 0 10/26/87 233 5718N 17316W 52 BSA JA TOMI MARU NO. 88 JLKO 60 S 7595 KODIAK AIR C130 2 0 12/28/87 2323 5718N 17316W 52 BSA JA TORA MARU NO. 58 OB5 7LHL 25 F 7599 KODIAK AIR C130 2 0 12/21/87 2335 5747N 17356W 52 BSA JA TORA MARU NO. 58 OB5 7LHL 25 F 7599 KODIAK AIR C130 2 0 12/21/87 2335 5547N 17356W 52 BSA JA TORA MARU NO. 31 OB5 JHNT 60 F 8116 KODIAK AIR C130 2 0 10/27/87 2307 5910N 17705W 52 BSA JA TORA MARU NO. 31 OB5 JHNT 60 U 8060 KODIAK AIR C130 2 0 10/27/87 2307 5910N 17705W 52 JA UNIDENTIFIED 20 SIGHTED 20 SIGHT						•			Α		JKPA-	25	F	7598
KODIAK AIR C130 2 — 1 1/16/88 2308 5517N 17835W D86UT BSA JA TOMI MARU NO. 87 D8AW 71.NO 20 0 8198   KODIAK AIR C130 2 0 10/26/87 2145 5951NN 17835W D86UT BSA JA TOMI MARU NO. 88 0 JLKO 60 S 81100   KODIAK AIR C130 2 0 10/26/87 2105 5910N 17729W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 81100   KODIAK AIR C130 2 0 10/26/87 2259 5920N 17708W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 10/26/87 2259 5920N 17708W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 10/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 10/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 12/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 12/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 12/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 12/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 10/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 10/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 10/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 10/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 10/26/87 2305 5935N 17702W 52 BSA JA TOMI MARU NO. 88 0 JLKO 60 S 7595   KODIAK AIR C130 2 0 10/26/87 2307 5910N 17705W 52 JA UNIDENTIFIED 20 SIGNITE 0 7716   KODIAK AIR C130 2 0 10/26/87 2305 5548N 17735W 52 JA UNIDENTIFIED 20 JAYK 1 0 0 RIFTING 7516   KODIAK AIR C130 2 0 10/26/87 2305 5548N 17735W 52 JA UNIDENTIFIED 20 JAYK 1 0 0 RIFTING 7516   KODIAK AIR C130 2 0 12/21/87 2235 5548N 17735W 52 JA UNIDENTIFIED 20 JAYK 1 0 0 RIFTING 7516   KODIAK AIR C130 2 0 10/26/87 2305 5554N 17735W 52 JA UNIDENTIFIED 20 JAYK 1 15 U 8100   KODIAK AIR C130 2 0 10/26/87 2305 5554N 17755W 52 JA UNIDENTIFIED 20 JAYK 1 5 U 8100									Α	TENYU MARU NO. 37-065	JMOT -	60	F	7911
MODIAK AIR C130   2						17337W	52 E	SSA JA	۸	TENYU MARU NO. 57 - 08.5	JBSO ·	25	F	7487
MODIAK AIR C130   2   0   10/26/87   2210   5950N   17831W   52   BSA   JA   TOMI MARU NO. 88   0   0   0   0   0   0   0   0   0						17835W	DORUTE	SSA JA	A	TOMI MARU NO. 87- DONUT	7L.NQ -	20	0	
NODIAK AIR (1.30)   2   10/26/87 2210   5910N   17729W   52   BSA   JA   TONI MARU NO. 88   CISO   JUKO   60   D   7534						17831W	52 `E	SSA JA	A		JLKO-	60	s	
KODIAK AIR C130 2 0 10/27/87 2230 5935N 17702W 52 BSA JA TOMI MARU NO. 587 OBS 7LHL 25 F 7613 KODIAK AIR C130 2 0 10/26/87 2230 5935N 17702W 52 BSA JA TOMA MARU NO. 587 OBS 7LHL 25 F 7613 KODIAK AIR C130 2 0 12/28/87 2233 5718N 17314W 52 BSA JA TOMA MARU NO. 587 OBS 7LHL 25 F 7613 KODIAK AIR C130 2 0 12/28/87 2233 5718N 17314W 52 BSA JA TSUNE MARU NO. 587 OBS 7LHL 25 F 7599 KODIAK AIR C130 2 0 12/28/87 2233 5718N 17314W 52 BSA JA TSUNE MARU NO. 31 OBS JHNT 60 F 8116 KODIAK AIR C130 2 0 11/09/87 2136 5850N 17735W 52 JA TSUNE MARU NO. 31 JHNT 60 U 8060 KODIAK AIR C130 2 0 10/27/87 2307 5910N 17705W 52 JA UNIDENTIFIED 20 SIGHTED 7716 KODIAK AIR C130 2 0 10/27/87 2307 5910N 17705W 52 JA UNIDENTIFIED 20 FICHING 7616 KODIAK AIR C130 2 0 10/15/87 2107 5909N 17750W 52 JA UNIDENTIFIED 20 FICHING 7616 KODIAK AIR C130 2 0 10/15/87 2107 5909N 17750W 52 JA UNIDENTIFIED 20 FICHING 7616 KODIAK AIR C130 2 0 12/21/87 2235 5542N 17733W DEPUT BSA JA ZULYO MARU NO. 31 JAN 15 U 8100 CGC MORGENTHAU 10 11/15/87 317 5519N 17759W DEBUT BSA JA ZULYO MARU NO. 3 - DONUT JKFO 10 U 7891 KODIAK AIR C130 2 0 12/21/87 2235 5558N 17920W 52 BSA KS GAE CHEOG HO DAULT 6HTO 10 F 8098 KODIAK AIR C130 13 2112 9/09/87 2328 5558N 17920W 52 BSA KS OYANG HO DAULT 6HTO 10 F 8098 KODIAK AIR C130 2 0 1/05/88 2200 5819N 17502W 52 BSA KS OYANG HO DAULT 6HTO 15 S 7018 KODIAK AIR C130 13 2112 9/09/87 2328 5558N 17920W 52 BSA KS OYANG HO DAULT 6HTO 15 S 7018 KODIAK AIR C130 13 2108 7/02/87 2030 6042N 17701W 52 UN RADAR CONTACT 99 U 6248 KODIAK AIR C130 13 2108 7/02/87 2030 6042N 17701W 52 UN RADAR CONTACT 99 U 6248 KODIAK AIR C130 13 2108 7/02/87 2030 6042N 17701W 52 UN RADAR CONTACT 99 U 6248 KODIAK AIR C130 13 2108 7/02/87 2030 605NN 17719W 52 UN RADAR CONTACT 99 U 6248 KODIAK AIR C130 13 2108 7/02/87 2030 605NN 17719W 52 UN RADAR CONTACT 99 U 6248 KODIAK AIR C130 13 2108 7/02/87 2030 605NN 17719W 52 UN RADAR CONTACT 99 U 6248			_			17729W	52 E	BSA J	Ą	TOMI MARU NO. 88 FOBS	JL.KO			
NODIAK AIR C130   2						17815W	52 F	SSA JA			JLKO	<b>£</b> 0	D	
NODIAK AIR C130   2			-				52 E	SSA JA	4	TORA MARU NO. 587 ANS		_		
NODIAK AIR C130   2					5935N	17702W	52 E	SSA JA	4	TORA MARU NO. 58				
KODIAK AIR C130 2 0 11/09/87 2136 5850N 17373W 52 JA UNIDENTIFIED 20 SIGNTED 7716 KODIAK AIR C130 2 0 10/27/87 2307 5910N 17705W 52 JA UNIDENTIFIED 20 SIGNTED 7616 KODIAK AIR C130 2 0 10/18/87 2107 5951N 17858W 52 JA UNIDENTIFIED JAYK 11 DRIFTING 7535 KODIAK AIR C130 2 0 10/18/87 2107 5999N 1750W 52 BSA JA ZULYO MARU NO. 101-08/9 JAOL 25 F 7483 KODIAK AIR C130 2 0 12/21/87 2235 5548N 17/35W DEPUT BSA JA ZULYO MARU NO. 3-DONUT JRHA 15 U 8100 KODIAK AIR C130 2 0 12/21/87 2235 5548N 17733W DEPUT BSA JA ZULYO MARU NO. 3-DONUT JRHA 15 U 8100 KODIAK AIR C130 2 0 12/21/87 2235 5556N 17733W DEPUT BSA JA ZULYO MARU NO. 3-DONUT JRHA 15 U 8100 KODIAK AIR C130 2 0 12/21/87 2222 5516N 17730W DEPUT BSA JA ZULYO MARU NO. 3-DONUT JRHA 15 U 8100 KODIAK AIR C130 13 2112 9/08/87 2323 5558N 17920W 52 BSA KS GAE CHEOG HO DONUT GMTO 10 U 7891 KODIAK AIR C130 13 2112 9/08/87 2323 5558N 17920W 52 BSA KS OYANG HO DONUT GMXD 15 S 7018 KODIAK AIR C130 2 0 11/12/87 2212 5600N 17725W 52 BSA KS OYANG HO DONUT GMXD 15 S 7018 KODIAK AIR C130 13 2112 9/08/87 2323 5558N 17920W 52 BSA KS OYANG HO DONUT GMXD 15 S 7018 KODIAK AIR C130 13 2108 7/02/87 2009 6038N 17719W 52 UN RADAR CONTACT 99 U 6247 KODIAK AIR C130 13 2108 7/02/87 2050 6042N 17701W 52 UN RADAR CONTACT 99 U 6248 KODIAK AIR C130 13 2108 7/02/87 2050 6042N 17701W 52 UN RADAR CONTACT 99 U 6248 KODIAK AIR C130 13 2108 7/02/87 2050 6042N 17701W 52 UN RADAR CONTACT 99 U 6248 KODIAK AIR C130 13 2108 7/02/87 2050 6042N 17701W 52 UN RADAR CONTACT 99 U 6248 KODIAK AIR C130 13 2108 7/02/87 2050 6057N 17840W 52 UR RAGONIT — DISPUTED 20N/ UNK 15 S 6245					5718N	17314W	52 E	SA JA	Δ,	TSUNE MARU NO. 31 2 ARS				
KODIAK AIR C130         2         0         11/09/87 2136         5850N         17737W         52         JA         UNIDENTIFIED         20         SIGHTE 0         7716           KODIAK AIR C130         2         0         10/20/87 115         5951N         17858W         52         JA         UNIDENTIFIED         20         FIGHING         7616           KODIAK AIR C130         2         0         10/15/87 2107         5909N         17750W         52         BSA         JA         VAMASAN MARU NO. 101-085 JAOI - 25         F         7483           KODIAK AIR C130         2         0         12/21/87 2235         5548N         1/735W         DEBATTERS         JA         ZUIYO MARU NO. 101-085 JAOI - 25         F         7483           KODIAK AIR C130         2         0         12/21/87 2235         5548N         1/735W         DEBATTERS         JA         ZUIYO MARU NO. 3-DOMAT         JKFO - 15         U         8100           CGC MORGENTHAU         1         -0         11/15/87 317         5519N         17759W         DEBATTERS         JA         ZUIYO MARU NO. 3-DOMAT         JKFO - 15         U         8100           KODIAK AIR C130         2         0         12/21/87 2225         5516N         177740W			. 0	12/01/87 2337	5747N	17354W	52 E	SA JA	Д	TSUNE MARU NO. 31				
KODIAK AIR C130         2         0         10/27/87 2307         5910N         17705W         52         JA         UNIDENTIFIED         20         FIGHING         7616           KODIAK AIR C130         2         0         10/20/87 2107         5990N         17750W         52         BSA         JA         UNIDENTIFIED         20         FIGHING         7616           KODIAK AIR C130         2         0         10/15/87 2107         5909N         17750W         52         BSA         JA         VAMASAN MARU NO. 101-085 JAOI-         25         F         7483           KODIAK AIR C130         2         -0         12/21/87 2235         5548N         17733W         DENUT BSA         JA         ZUIYO MARU NO. 101-085 JAOI-         25         F         7483           KODIAK AIR C130         2         -0         12/21/87 2235         5548N         17733W         DENUT BSA         JA         ZUIYO MARU NO. 101-085 JAOI-         25         F         7483           KODIAK AIR C130         2         0         12/21/87 2235         5558N         17733W         DENUT BSA         JA         ZUIYO MARU NO. 3-DONUT         JAYK-         15         U         8101           KODIAK AIR C130         13         2112	and the second s		0	11/09/87 2136	5850N	17737W	52	JA					-	
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KODIAK AIR C130 2 —0 12/21/87 2233 5548N 17/35W DEPUT BSA JA ZUIYO MARU NO. 101—065 JAOI 25 F 7483   KODIAK AIR C130 2 —0 12/21/87 2233 5548N 17/35W DEPUT BSA JA ZUIYO MARU NO. 3 = DONWT JKFO 15 U 8100   CGC MORGENTHAU 1 —0 11/15/87 317 5519N 17759W DEPUT BSA KS GAE CHEOG HO DONWT JKFO 15 U 8100   KODIAK AIR C130 2 0 12/21/87 2222 5516N 17740W 52 BSA KS GAE CHEOG HO DONWT GMTO 10 U 7891   KODIAK AIR C130 13 2112 9/08/87 2323 5558N 17920W 52 BSA KS GAE CHEOG HO DBS GMTO 10 F 8098   KODIAK AIR C130 13 2112 9/09/87 2328 5558N 17920W 52 BSA KS OYANG HO DONWT GMXO 15 F 7018   KODIAK AIR C130 2 0 1/05/88 2200 55819N 17502W 52 BSA KS OYANG HO DONWT GMXO 15 F 7049   KODIAK AIR C130 2 0 1/1/12/87 2212 5600N 17725W 52 BSA KS OYANG HO DONWT TO LOAD SUGRE   KODIAK AIR C130 13 2108 7/02/87 2049 6038N 17719W 52 UN RADAR CONTACT 99 U 6247   KODIAK AIR C130 13 2108 7/02/87 2032 6057N 17840W 52 UR ARAGONIT DISPUTED ZONF UNK 15 S 6245    (Flag 5/efc	KODIAK AIR STATION	1	O	10/20/87 115	5951N	17858W	52	JA			TAYK -			
RODIAK AIR C130			O	10/15/87 2107	5909N	1.7750W	52 B	SA JA	`	YAMASAN MARU NO. 101-085				
CGC MORGENTHAU  1 -0 11/15/87 317 5519N 17759W DEDIVERSA JA ZULYO MARU NO. 3 - DONNT JKFO - 15 U 8100  KODIAK AIR C130 2 D 12/21/87 2222 5516N 17759W DEDIVERSA KS GAE CHEOG HO - DONNT 6MTO - 10 U - 7891  KODIAK AIR C130 13 2112 9/08/87 2323 5558N 17920W 52 BSA KS GAE CHEOG HO - DONNT 6MTO - 10 U - 7891  KODIAK AIR C130 13 2112 9/08/87 2328 5558N 17920W 52 BSA KS GAE CHEOG HO - DONNT 6MXD - 15 S 7018  KODIAK AIR C130 2 D 1/05/88 2200 5819N 17502W 52 BSA KS OYANG HO - DONNT 6MXD - 15 F 7049  KODIAK AIR C130 2 D 1/05/88 2200 5819N 17502W 52 BSA KS OYANG HO - DONNT 6MXD - 15 F 7049  KODIAK AIR C130 2 D 11/12/87 2212 5600N 17725W 52 BSA KS OYANG HO - DONNT 5 S 8142  KODIAK AIR C130 13 2108 7/02/87 2049 6038N 17719W 52 UN RADAR CONTACT 99 U 6248  KODIAK AIR C130 13 2108 7/02/87 2050 6042N 17701W 52 UN RADAR CONTACT 99 U 6248  KODIAK AIR C130 13 2108 7/02/87 2032 6057N 17840W 52 UR ARAGONIT - DISPUTED ZONE UNK - 15 S 6245		2	<b>-</b> n	12/21/87 2235	5548N	17735W	DOBUT B	SA JA						
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KODTAK MATRICTSO	2	n	7/15/87 2242	6003N	17812W	52	BSA UR	MYS GROTOVYI	ひまたのご	15	STAHLED			· • · ·
RESTAN AIR C130	1.3	2108	7/02/87 2125	6053N	17907W	52	UR	MYS VOOOIW \		15	1º	5454		3
KODIAK AIR C130	13	2108	7/02/87 2025	6053N	17907W	52	UR	MYS VORONINA LUS/USSR	UNK -	15	f.	6244		
LEC BOULWELL	12	2108	7/11/87 2358		17851W	52	UR	SAHALINEFT ) DISPUTED	/	12	s ,	5504		
CGC BOUTWELL	12	2108	7/11/87 2315	6049N	17846W	52	UR	TECHOLOG ZANE		15	S	5503		
RODIAK AIR C130	2	0	11/06/87 2051	6033N	17847W	52	US	ALEUTIAN BEAUTY		70	5	2676		
CGC BOUTWELL	12	2108	7/16/87 2140	6035N	17900W	52	us	ALEUTIAN SPRAY		70	جيسسسوج	5586		
KODIAK AIR C130	13-	2112	8/12/87 2033	5709N	17300W	52	US	ARROW		60	s <sub>.</sub>	6392		
KODIAK 'AIR STATION	1	o`	TO/21/87 2050	5755N	17348W	52	us	BERING ENTERPRISE		20	S	7542		
KODIAK AIR C130	2	0	10/28/87 32	-564ZN	17320W	52	บร	BERING-ENTERPRISE		20	S	7626		
KODIAK A1R C130	2	0	12/21/87 2225	5514N	17730W	_52_	US	DONA GENOVEVA		25	F	8099		
KODIAK AIR C130	13	2108	7/02/87 2133	6102N	17846W	52		ONUL		70	D.	5456		
KODIAK ATR C130	1.3	2108	7/02/87 2 <u>034</u>	6102N	17848W	52	US	JUNU		70	D	6246		
KODIAK AIR C130	2	0_	<del></del>	6019N	17853W	52	US	MARCEY, J	_	70	S	5554		
KODIAK AIR C13D		-2111	8/11/87 1915	5821N	17528W	52	US	OCEAN ENTERPRISE		_20	F	6363		
KODJAK ATR CLAR	2	0	7/15/87 2112	6055N	17925W	52	US	WESTWARD: W		70	··S	5553		
CGC ROUTHELL	12	2108	7/16/87 2128	6035N	17903W	52	บร	WESTWARD WIND		70	S	~558 <del>\$</del>		

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#### SENATE JOINT RESOLUTION

Urging immediate action to control foreign fishing efforts in the international waters of the Bering Sea.

BE IT RESOLVED BY THE LEGISLATURE OF THE STATE OF ALASKA:

WHEREAS The Magnuson Fishery Conservation and Magnuson Act has contributed to the rapid "Americanization" of the fisheries within the Exclusive Economic Zone (EEZ) off Alaska; and

WHEREAS American harvesters and processors are increasing their ability to utilize the vast groundfish resources in the EEZ; and

WHEREAS Alaskan coastal communities are benefitting from the economic activity caused by the Americanization of the fisheries resources off Alaska's coast; and

WHEREAS those fishery resources are worth billions of dollars annually to the U.S.; and

WHEREAS the area of the Bering Sea lying outside the EEZ of the U.S. and the Soviet Union is not managed by any country or international organization; and

WHEREAS the fish stocks in the EEZ are not stationary and circulate beyond the 200-mile boundary where they are subject to unlimited and uncontrolled harvesting which is detrimental to those stocks; and

WHEREAS the extent of the harvest in the international waters of the Bering Sea is unknown but is estimated to be well in excess of one million metric tons a year; and

WHEREAS Japanese, Chinese, Polish, and South Korean vessels conduct harvest operations in this area; and

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WHEREAS unregulated foreign fishing in this area adversely impact American fishing efforts within the EEZ and the development of markets for U.S. fishery product; and

WHEREAS this area is used as a staging area for illegal fishing within the U.S. EEZ by foreign vessels; and

WHEREAS the lack of accurate data on the fishery resource and harvest level in the international waters of the Bering Sea and lack of observer coverage significantly hinders decision making on stocks within our 200-mile zone; and

WHEREAS immediate action is necessary to protect the fishery resources of the U.S. which migrate into international waters and the integrity of the Magnuson Act;

BE IT RESOLVED that the U.S. immediately begin negotiations with the Soviet Union to implement harvesting controls in this area;

FURTHER RESOLVE that the U.S. ensure that foreign countries whose vessels fish in the international waters of the Bering Sea annually report complete details of their fishing activities in this area;

FURTHER RESOLVE that the U.S. Department of Commerce, in accordance with the permit conditions established by the North Pacific Fishery Management Council, extend its observer program to include foreign vessels operating in this zone;

FURTHER RESOLVE that the U.S. Department of Transportation increase Coast Guard patrols in this area.

FURTHER RESOLVE that the U.S. take whatever other steps are necessary including the extension of jurisdiction over U.S. origin fishery resources in the international zone to protect those resources from overharvest.

COPIES of this resolution shall be sent to President Reagan, Department of State, Department of Commerce, NPFMC, and the Congressional Delegation.

Morimofo

Jan. 20th 1988

As a representative of the Japanese Government, I would like to express my surprise and disappointment upon hearing of the alleged fishing violation by Japanese fishing vessels in the U.S. FCZ.

Considering the importance of fisheries in the international waters of the Bering Sea and its geographic relationship with the 200-mile zones of the adjacent nations, the Japanese government has repeatedly instructed the fishermen operating in that area to strictly honor the international boundary (FCZ's) of the U.S. and the Soviet Union.

We perceive that suspicion of violations has not been raised by enforcement vessels of the Japanese government and U.S. Coast Guard vessels in the past as a result of the following measures taken by the Japanese government.

- (1) The afore-mentiond instruction given to the Japanese fishermen.
- (2) Investigation of catch on board the fishing vessels entering the ports of Kushiro and Ishinomaki, and inquiries into the state of fishing operations.
- (3) Timely dispatching of enforcement vessels by the Fisheries Agency of Japan to the international waters of the Bering Sea.

In light of such efforts, it is extremely regrettable that the suspicion was recently raised by some members of the American industry.

In response to the recent allegations, the Japanese government immediately dispatched enforcement vessel of the Fisheries Agency to the international waters of the Bering Sea to engage in enforcement activities of the Japanese vessels operations in the area. The owners of the suspect fishing vessels have been called to the Fisheries Agency for an investigation of the facts concerning the whereabouts and activities of their vessels. The Konan-maru No.27 is scheduled to conduct at-sea inspections of the suspect vessels, and if necessary, send the vessels back to home port. Furthermore, an enforcement officer of the Fisheries Agency has been dispatched to Kushiro to check the catch and fishing operations of the vessels which will be returning to port from the international waters of the Bering Sea. If the results of the investigation prove the violations to be a fact, you have my assurance that the vessels will be punished to the full extent of the law.

The Japanese government would like to request that the American government provide us with all the data pertaining to the alleged violation which is in the possession of U.S. Coast Guard and some industry members as soon as possible so that we may effect our enforcement activities.

In conclusion, I would like to reiterate that the Japanese government solves the Council's concern that violations of the sort alleged must be prevented in the future. We would like to work co-operatively with the U.S. government, the Council and the U.S. Coast Guard to make sure that they do not reoccur.