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ALEUTIAN SEISMIC PROGRAM
SEISMOLOGICAL BULLETIN
AUGUST 1971

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BY 9H Kahn/amb
DATE 6/27/72

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL RESEARCH LABORATORIES
ROCKVILLE, MARYLAND 20852

JUNE 1972

PREPARED FOR THE U.S. ATOMIC ENERGY COMMISSION
NEVADA OPERATIONS OFFICE
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SEISMOLOGICAL BULLETIN

THE PURPOSE OF THIS BULLETIN IS TO COLLECT AND DISTRIBUTE PRELIMINARY DATA ACQUIRED FROM AN ALEUTIAN NETWORK OF SEISMIC STATIONS IN ORDER TO FACILITATE CURRENT STUDIES OF EARTHQUAKE OCCURRENCE IN THE ALEUTIAN ISLANDS. RECORD ARRIVAL TIMES AND AMPLITUDES ARE SCALED BY THE SPECIAL PROJECTS PARTY, LAS VEGAS, NEVADA. FINAL REDUCTION AND COLLATION OF DATA TO EVENT HYPOCENTERS AND DERIVATION OF RELATED PARAMETERS ARE PERFORMED BY THE SEISMOLOGY INVESTIGATIONS GROUP, ROCKVILLE, MARYLAND. THIS COMPILATION IS PRELIMINARY AND MAY BE SUBJECT TO LATER REVISION ON THE BASIS OF CURRENT RESEARCH.

DESCRIPTION OF COLUMN HEADINGS

DATE - DAY, MONTH, AND YEAR IN GREENWICH MEAN TIME (GMT)

STA - STATION CODE

PHASE - NAME OF PHASE REPORTED

I OR E INDICATES THE CHARACTER OF PHASE ARRIVAL

C OR D IN THE FOURTH CHARACTER INDICATES DIRECTION OF FIRST MOTION

TIME - ARRIVAL TIME OF PHASE IN HOURS, MINUTES, AND SECONDS (GMT)

AMP - GROUND DISPLACEMENT OF PHASE IN MILLIMICRONS

AMPLITUDES REPORTED WITH S PHASES ARE MAXIMUM SURFACE WAVE
DISPLACEMENTS

PER - PERIOD OF PHASE IN SECONDS

MAG - STATION MAGNITUDE DEFINED BY

$$MB = -0.76 + \log_{10}(AMP/PER) + 0.91 \cdot \log_{10}(SLANT \text{ DISTANCE})$$

FOR EVENTS OF EPICENTER DISTANCE LESS THAN
200 KM FROM STATION

DIST - GREAT CIRCLE DISTANCE TO EVENT IN KILOMETERS

AZI - STATION TO EPICENTER AZIMUTH IN DEGREES TAKEN CLOCKWISE FROM NORTH

RES - PHASE TRAVEL TIME RESIDUAL IN SECONDS (O-C)

REMARKS- DESCRIPTIVE INFORMATION

DESCRIPTION OF HYPOCENTER INFORMATION

HYPOCENTER DATA ARE LISTED IN CHRONOLOGICAL ORDER AND ARE FOLLOWED BY ASSOCIATED
PHASE ARRIVALS

FIRST LINE DATE

ORIGIN TIME (GMT)

GEOGRAPHIC COORDINATES

DEPTH OF FOCUS IN KILOMETERS

AVERAGE BODY WAVE (MB) AND SURFACE WAVE (MS) MAGNITUDES

TYPE OF SOLUTION

SECOND LINE GEOGRAPHIC REGION

ALEUTIAN SEISMIC NETWORK

CODE	STATION	PERIOD OF OPERATION	LATITUDE (DEG MIN SEC)	LONGITUDE (DEG MIN SEC)	ELEVATION (METERS)
ACA	AMCHITKA CENTRAL A	08/05/71-	51 28 51.4 N	179 07 09.6 E	42
ACB	AMCHITKA CENTRAL B	08/05/71-	51 27 45.4 N	179 05 27.3 E	47
ACC	AMCHITKA CENTRAL C	08/05/71-	51 29 03.4 N	179 02 35.2 E	26
ACD	AMCHITKA CENTRAL D	08/05/71-	51 25 41.4 N	179 08 11.8 E	37
ACE	AMCHITKA CENTRAL E	08/05/71-	51 24 01.8 N	179 10 21.9 E	9
ACF	AMCHITKA CENTRAL F	08/05/71-	51 31 32.7 N	178 59 38.9 E	62
ADK	ADAK OBSERVATORY		51 53 01.4 N	176 41 04.3 W	116
AG1	AMCHITKA GEOPHONE 1	02/10/69-04/10/69	51 24 58.2 N	179 10 49.8 E	
AG3	AMCHITKA GEOPHONE 3	02/10/69-04/10/69	51 25 25.8 N	179 11 24.6 E	
AMA	AMATIGNAK ISLAND	09/10/70-	51 17 17.5 N	179 06 33.5 W	503
AME	AMCHITKA EXPERIMENTAL	01/04/69-26/05/69	51 23 12.0 N	179 15 18.0 E	
ANA	AMCHITKA NORTH A	25/08/69-25/09/69 25/09/69-05/11/69 05/11/69-15/07/70 16/07/70-	51 37 39.8 N 51 37 34.9 N 51 37 39.8 N 51 37 34.9 N	178 39 22.7 E 178 39 41.8 E 178 39 22.7 E 178 39 41.8 E	177 133 177 133
ANB	AMCHITKA NORTH B	09/12/69-18/07/70	51 36 12.0 N	178 47 21.0 E	247
AND	AMCHITKA NORTH D	18/07/70-	51 33 44.4 N	178 57 12.4 E	187
ASB	AMCHITKA SOUTH B	25/05/69-	51 21 37.8 N	179 14 50.3 E	34
ASC	AMCHITKA SOUTH C	28/07/69-25/09/69 25/09/69-13/07/70 13/07/70-	51 27 44.9 N 51 27 41.9 N 51 27 44.9 N	179 09 53.9 E 179 07 29.9 E 179 09 53.9 E	40 35 40
ASD	AMCHITKA SOUTH D	29/05/69-06/06/69 06/06/69-	51 22 36.0 N 51 23 26.9 N	179 20 30.0 E 179 20 31.6 E	61
AWA	AMCHITKA WOOD-ANDERSON		51 22 28.5 N	179 15 09.6 E	
CSA	CAPE SARICHEF	22/11/70-10/05/71	54 35 40.0 N	164 52 30.0 W	152
GMA	GRANITE MOUNTAIN	18/09/70-	65 25 43.0 N	161 13 55.0 W	856
NIK	NIKOLSKI	20/05/71-	52 58 27.5 N	168 51 10.8 W	207
LSI	LITTLE SITKIN ISLAND	16/08/69-18/09/69	51 55 10.8 N	178 32 01.8 E	145
OB3	OCEAN BOTTOM SEIS 3	30/09/69-17/10/69	50 59 00.0 N	179 21 30.0 E	-3317
OB5	OCEAN BOTTOM SEIS 5	27/09/69-17/10/69	51 19 00.0 N	178 27 30.0 E	-1234
OB6	OCEAN BOTTOM SEIS 6	26/09/69-18/10/69	51 46 30.0 N	179 06 30.0 E	-859
OB8	OCEAN BOTTOM SEIS 8	26/09/69-16/10/69	51 22 00.0 N	179 35 42.0 E	-1408
RAT	RAT ISLAND	14/10/70-	51 47 56.7 N	178 19 48.3 E	226
SMY	SHEMYA	17/11/70-	52 43 51.0 N	174 06 11.0 E	59
SSI	SEMISOPOCHNOI ISLAND	13/08/69-04/11/69 17/10/70-	51 54 52.2 N 51 53 32.8 N	179 37 26.4 E 179 35 17.9 E	335 177

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	0 26	4.18	52.04 N 179.72 E	DEPTH = 183.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
01	SSI	EP	00 26 29.0				19	209	.5	
01	AND	EP	00 26 30.2				75	225	-.1	
01	ANA	IP D	00 26 30.7				87	238	-.2	
01	ASB	IP C	00 26 31.0	14.0	.1	3.48	83	204	.3	
01	RAT	IP C	00 26 31.0	23.5	.1	3.72	100	255	-.7	
01	ASD	IP D	00 26 31.6	10.4	.1	3.35	77	200	1.2	
		IS	00 26 49.2						-.4	
01	AMA	EP	00 26 32.1				116	136	-.7	
.....										
01	NIK	E(P)	02 40 4.5							
01	SMY	IP	02 37 47.5							
01	SSI	IP	04 44 .4	8.0	.1	2.55				
		IS	04 44 4.3							
01	ASD	IP C	04 44 4.1							
01	ASB	IP	04 44 5.2							
		ES	04 44 12.7							
01	AND	EP	04 44 6.0							
.....										
01	6 55	42.68	50.54 N 179.13 W	DEPTH = 29.4 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
01	AMA	IP D	06 55 56.8	10.0	.1	3.01	83	1	-.0	
		IS	06 56 4.0						-3.1	
01	ASD	EP	06 56 5.6				143	312	-.1	
		ES	06 56 22.5						.1	
01	ASB	EP	06 56 6.4				146	309	.4	
01	ASC	EP	06 56 7.9				158	311	.4	
01	SSI	IP	06 56 9.7				175	330	.1	
01	ANA	EP	06 56 10.1				196	309	-2.1	
01	RAT	EP	06 56 16.8				226	309	.9	
.....										
01	8 21	22.90	9.69 S 159.75 E	DEPTH = 60.0 KM MB = 4.7			TELESEISMIC SOLUTION			
SOLOMON ISLANDS										
01	ADK	EP	08 31 56.1				7184	16		
.....										
01	10 9	1.66	51.08 N 179.16 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
01	AMA	IP	10 09 9.6	28.1	.1	3.27	23	9	.1	
01	ASD	EP	10 09 18.2	3.5	.1	2.68	110	289	-.7	
01	ASB	EP	10 09 19.2	7.0	.1	2.99	115	286	-.4	
		ES	10 09 30.3						-2.7	
01	ASC	EP	10 09 20.4				124	291	-.2	
01	SSI	IP	10 09 20.4	19.0	.1	3.46	125	317	-.4	
01	AND	EP	10 09 22.9				141	293	.1	
01	ANA	EP	10 09 26.2				163	293	.8	
01	RAT	EP	10 09 29.8				191	296	.9	
.....										
01	13 11	53.22	51.17 N 179.77 W	DEPTH = 35.0 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
01	AMA	IP D	13 12 2.8	22.9	.2	2.91	48	74	.0	
		IS	13 12 9.5						-.2	
01	ASD	IP C	13 12 5.2	13.3	.1	3.07	66	292	-.1	
		IS	13 12 13.5						-.5	

PAGE 71-08- 6

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	ASB	IP C	13 12 6.1	4.7	.1	2.64	72	287	.1	
01	ASC	IP	13 12 7.4				81	294	.1	
01	SSI	IP D	13 12 9.0	7.3	.1	2.91	92	331	.1	
01	AND	EP	13 12 10.1				99	297	.2	
01	RAT	EP	13 12 16.3				149	299	-.2	
01	AMA	IP C	15 11 7.3	29.7	.1	3.20				
		IS	15 11 12.0							
01	ASD	EP	15 11 14.8	12.3	.1	3.12				
01	SSI	IP	15 11 15.1							
01	ASB	EP	15 11 16.1	21.0	.1	3.38				
		ES	15 11 27.1							
01	ASC	IP C	15 11 17.1							
01	AND	EP	15 11 19.2							
01	ANA	EP	15 11 22.3							
01	RAT	EP	15 11 25.7	4.4	.1					
01	17 6 49.76		50.85 N 179.10 E							DEPTH = 25.0 KM
			RAT ISLANDS, ALEUTIAN ISLANDS							FIXED DEPTH SOLUTION
01	ASB	IP	17 07 .2				58	10	.2	
		ES	17 07 7.4						-.1	
01	ASD	IP	17 07 .5				62	15	-.2	
01	ACD	IP	17 07 1.2				64	2	.2	
01	ASC	IP	17 07 1.7				68	4	.2	
01	ACB	IP	17 07 1.7				68	359	.2	
01	ACA	IP	17 07 1.9				70	1	.1	
01	AND	EP	17 07 3.2				80	353	-.1	
01	ANA	IP C	17 07 5.1				92	341	.1	
01	RAT	EP	17 07 8.8				118	333	-.2	
01	SSI	EP	17 07 9.1	5.4	.1	2.88	121	16	-.3	
01	17 58 40.00		51.33 N 178.65 E							DEPTH = 32.3 KM
			RAT ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION
01	AND	IP D	17 58 47.4				33	39	-.1	
01	ACC	IP	17 58 47.4				32	58	.0	
01	ACF	IP	17 58 47.4				32	48	.0	
01	ANA	IP	17 58 47.5				33	1	.1	
		IS	17 58 52.9						.1	
01	ACB	IP	17 58 47.6				34	65	.0	
01	ACD	IP	17 58 47.8				35	73	.1	
01	ACE	IP	17 58 47.8				37	78	-.1	
01	ACA	IP C	17 58 47.9				36	63	.0	
01	ASC	EP	17 58 48.2				38	68	.1	
01	ASB	EP	17 58 48.5				41	86	.0	
01	ASD	EP	17 58 49.2				48	82	-.2	
01	RAT	IP	17 58 50.3	7.7	.1	2.78	56	337	-.2	
01	SSI	IP	17 58 55.5	8.5	.1	2.97	90	46	.3	
		IS	17 59 6.0						-.3	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	SSI	IP	18 47 40.8	21.0	.1	2.99				
		IS	18 47 44.9							
01	ASD	IP D	18 47 44.7	13.9	.1	3.03				
01	ASC	IP	18 47 45.6							
01	ASB	IP D	18 47 45.8							
		ES	18 47 53.8							
01	ACA	EP	18 47 45.8							
01	ACE	EP	18 47 45.9							
01	ACD	EP	18 47 46.1							
01	ACB	EP	18 47 46.2							
01	AND	EP	18 47 46.7							
01	ANA	EP	18 47 49.6							
.....										
01	18 53 53.21	50.63 N 178.31 E	DEPTH = 25.0 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
01	ASB	EP	18 54 10.5	24.2	.2	3.17	105	38	.1	
01	ASD	EP	18 54 11.3	6.6	.1	2.93	112	40	-.1	
		ES	18 54 24.7						-.0	
01	ASC	EP	18 54 11.4				111	32	.1	
01	AND	IP	18 54 11.6				113	23	-.1	
01	ANA	IP	18 54 12.0				114	12	.2	
01	RAT	EP	18 54 14.2	2.7	.1	2.60	131	0	-.1	
01	SSI	IP	18 54 19.5	12.2	.1	3.35	167	32	-.0	
.....										
01	21 49 45.67	50.98 N 179.85 E	DEPTH = 3.3 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
01	AMA	IP C	21 49 59.8	57.6	.2	3.43	80	65	-.1	
		IS	21 50 10.4						.1	
01	AND	EP	21 50 .7				90	316	-.6	
01	SSI	IP C	21 50 3.5	31.0	.1	3.56	103	350	.2	
01	ANA	EP	21 50 5.0				109	311	.7	
01	RAT	IP C	21 50 8.9				139	311	.1	
01	ASD	IP C	21 49 56.2	11.9	.1	2.92	57	322	.1	
01	ASB	EP	21 49 56.5	7.5	.1	2.73	59	315	.0	
		ES	21 50 4.2						-.1	
01	ASC	EP	21 49 58.3				71	318	-.3	
.....										
01	21 49 46.30	5.34 S 152.66 E	DEPTH = 38.0 KM							MB = 5.0 MS = 5.3 TELESEISMIC SOLUTION
		NEW BRITAIN REGION								
01	ADK	EP	22 00 9.0				6974	21		
.....										
02	0 19 54.20	5.56 S 152.61 E	DEPTH = 36.0 KM							MB = 5.6 MS = 5.8 TELESEISMIC SOLUTION
		NEW BRITAIN REGION								
02	ADK	EP	00 30 18.5				6999	21		
.....										
02	1 44 46.60	51.51 N 179.94 W	DEPTH = 0.0 KM							FIXED DEPTH SOLUTION
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
02	ASD	IPG	01 44 56.1	3.8	.1	2.38	52	256	.1	
		ES	01 45 2.8						-.0	
02	SSI	EPG	01 44 56.4	2.0	.1	2.12	54	323	-.0	
02	ASB	IPG	01 44 57.3	3.8	.1	2.43	59	254	-.0	
		ES	01 45 4.6						-.5	
02	ACE	EPG	01 44 58.0				63	260	-.0	
02	ASC	EPG	01 44 58.2				62	266	.2	
02	ACD	EPG	01 44 58.3				65	263	-.1	

PAGE 71-CB- 8

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 02	ACA	EPG	01 44 58.5				65	268	-0.0	
. 02	ACB	EPG	01 44 58.9				68	266	.0	
. 02	AND	E(P)	01 45 1.7				77	275	1.1	OP
. 02	ANA	EPG	01 45 3.1				98	278	-0.7	
. 02	RAT	EP	01 45 7.6	2.9	.1	2.61	124	286	-0.2	
.....										
. 2	3 21 52.20	55.10 N 160.28 W DEPTH = 113.0 KM MB = 3.2						TELESEISMIC SOLUTION		
ALASKA PENINSULA										
.....										
. 02	4 44 43.27	51.19 N 178.75 E DEPTH = 14.7 KM						FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
. 02	ACE	EPG	04 44 50.2				38	51	.0	
. 02	ACD	EPG	04 44 50.3				38	45	.1	
. 02	ASB	EPG	04 44 50.4	1.3	.1	1.83	39	61	-0.1	
. 02		ES	04 44 55.6						-0.1	
. 02	ACB	EPG	04 44 50.4				39	38	.1	
. 02	ACA	EPG	04 44 50.7				41	38	-0.1	
. 02	ASC	IPG	04 44 50.9				42	43	.1	
. 02		ES	04 44 56.4						.0	
. 02	ACF	EPG	04 44 50.9				41	24	.2	
. 02	AND	EPG	04 44 51.0				44	18	-0.2	
. 02	ASD	EPG	04 44 51.6				47	51	.0	
. 02	ANA	EPG	04 44 51.9				49	353	-0.0	
.....										
. 02	4 59 59.26	52.23 N 176.25 E DEPTH = 125.0 KM						FIXED DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
. 02	RAT	IP	05 00 25.4	91.9	.1	4.29	151	108	-0.2	
. 02		IS	05 00 44.8						.0	
. 02	ANA	EP	05 00 28.3				179	111	-0.2	
. 02	AND	EP	05 00 30.7				200	111	-0.1	
. 02	ASC	EP	05 00 32.9				218	112	.1	
. 02	ASD	EP	05 00 34.3	4.5	.2		233	113	-0.1	
. 02	ASB	EP	05 00 34.3	10.7	.2		228	114	.4	
. 02		ES	05 00 59.1						-0.1	
. 02	SSI	IP	05 00 34.4	13.4	.1		232	98	.1	
.....										
. 02	5 2 48.96	51.41 N 178.76 E DEPTH = 51.1 KM						FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
. 02	AND	IPG	05 02 57.3				22	37	-0.2	
. 02	ACC	EPG	05 02 57.4				21	65	-0.0	
. 02	ACB	IPG	05 02 57.5				23	75	-0.1	
. 02	ACF	IPG	05 02 57.5				21	50	.1	
. 02	ACA	IPG	05 02 57.7				26	71	-0.1	
. 02	ACD	IPG	05 02 57.7				26	85	-0.0	
. 02	ACE	IPG	05 02 57.7				28	91	-0.2	
. 02	ANA	IPG	05 02 57.8				25	344	.1	
. 02	ASC	IPG	05 02 58.0				28	77	.1	
. 02	ASB	IPG	05 02 58.2	6.1	.1	2.65	34	99	-0.2	
. 02		ES	05 03 6.5						1.3	
. 02	ASD	EPG	05 02 59.0							

PAGE 71-08- 9

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
02	5 8	9.01	51.24 N 178.83 E	DEPTH = 37.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	ACE	IPG	05 08 16.8				30	53	.0	
02	ACB	IPG	05 08 17.0				31	36	.1	
02	ACD	IPG	05 08 17.0				30	45	.2	
02	ASB	EPG	05 08 17.1	4.1	.1	2.39	32	65	.1	
		IS	05 08 22.4						-.4	
02	ASC	IPG	05 08 17.4				34	43	.2	
		IS	05 08 23.0						-.2	
02	ACA	EPG	05 08 17.4				34	37	.2	
02	ACF	FPG	05 08 17.4				34	20	.2	
02	AND	IPG	05 08 17.6				37	14	.1	
		IS	05 08 23.5						-.2	
02	ASD	EPG	05 08 18.0	1.3	.1	1.92	40	64	.2	
		ES	05 08 23.6						-.6	
02	ANA	FPG	05 08 18.4				45	345	-.0	
02	RAT	EP	05 08 21.7	4.0	.1	2.58	71	331	-.2	
02	SSI	EP	05 08 23.4	2.7	.1	2.48	90	36	-1.1	
		FS	05 08 36.9						1.1	
.....										
02	6 30	45.01	51.76 N 176.91 E	DEPTH = 75.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	RAT	IP	06 31 1.8	14.8	.1	3.31	98	87	-.7	
		ES	06 31 15.0						-.2	
02	ANA	IP	06 31 5.0				122	96	-.1	
02	AND	EP	06 31 7.6				143	98	.0	
02	ASC	EP	06 31 9.7				159	101	.2	
02	ASB	EP	06 31 10.5	1.3	.1	2.41	168	104	-.0	
02	ASD	EP	06 31 11.1	2.9	.2	2.48	173	103	-.0	
02	SSI	EP	06 31 13.3	4.0	.1	2.93	185	84	.7	
.....										
02	RAT	IP C	06 48 55.4	12.0	.1	3.14				
		ES	06 49 6.4							
02	ANA	EP	06 48 59.6							
02	AND	EP	06 49 2.6							
02	ASC	EP	06 49 4.5							
02	ASB	EP	06 49 6.5	1.0	.1	2.31				QS.QP
		FS	06 49 27.1							
02	ASD	EP	06 49 7.7	1.3	.1	2.43				QP
02	SSI	FP	06 49 7.9	2.6	.1					QP
.....										
02	7 24	56.80	41.38 N 143.46 E	DEPTH = 51.0 KM MB = 6.6			TELESEISMIC SOLUTION			
HOKKAIDO, JAPAN REGION										
02	RAT	EP D	07 30 25.4				2879	54		QPCP. WHITE OUT
		EPCP	07 33 54.1							
02	ANA	FP	07 30 27.5				2899	55		
02	AND	EP	07 30 28.9				2918	55		
02	ASC	EP	07 30 29.9				2930	55		
		FPCP	07 33 55.2							
02										

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
. 02	10	0	37.20	52.09 N	174.89 W	DEPTH = 150.0 KM	FIXED DEPTH SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
. 02	AMA	EP	10 01 21.8	9.1	.2		305	255	.0	VQS
		F(S)	10 01 54.3						-.0	
. 02	SSI	EP	10 01 30.4	4.1	.2		379	269	-.0	
. 02	ASD	EP	10 01 33.5	3.1	.2		405	261	.0	
. 02	ASB	EP	10 01 34.1	12.7	.3		413	261	-.2	NO S VISIBLE
. 02	ASC	EP	10 01 34.7				416	263	.0	
. 02	AND	EP	10 01 36.4				428	265	.3	
. 02	ANA	EP	10 01 38.2				446	266	-.1	
.....										
02	ASD	EP	10 28 54.2	1.1	.1					
02	ASB	EP	10 28 55.0	1.1	.1					NO S VISIBLE
02	ASC	EP	10 28 55.8							
.....										
02	AMA	IPG	11 31 .7	17.6	.1	3.18				
		I(S)	11 31 8.7							
02	SSI	EP	11 31 15.4	7.2	.1					
02	ASD	EP	11 31 15.6	2.1	.1	2.57				QP
02	ASB	EP	11 31 16.8	1.7	.1	2.50				QP
		FS	11 31 35.4							
02	ASC	EP	11 31 17.7							QP
.....										
02	AMA	IPGC	12 35 29.8	72.7	.1	3.67				
		IS	12 35 35.6							
02	SSI	EP	12 35 43.5	6.6	.1	2.99				
		IS	12 35 58.0							
02	ASD	EP	12 35 44.8	9.1	.1	3.19				
02	ASB	IP	12 35 46.0	8.0	.1	3.16				QS
		ES	12 36 4.0							
02	ASC	IP	12 35 46.8							
02	ANA	EP	12 35 51.9							
.....										
. 02	13	0	1.50	41.30 N	143.47 E	DEPTH = 54.0 KM MR = 5.6	TELESEISMIC SOLUTION			
HOKKAIDO, JAPAN REGION										
. 02	RAT	EP	13 05 29.6				2884	54		TELE
. 02	ANA	EP	13 05 32.4				2904	55		
. 02	AND	EP	13 05 33.0				2922	55		
. 02	ASB	EP	13 05 34.9				2939	55		
. 02	ASD	EP	13 05 35.5				2946	55		
. 02	ADK	EP	13 05 56.8				3226	55		
.....										
. 02	13	9	19.67	51.16 N	179.49 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
. 02	AMA	IPGD	13 09 25.2				31	61	-.0	WHITE OUT
. 02	ASD	EP	13 09 35.2	7.7	.1	2.88	85	288	.2	
. 02	ASB	EP	13 09 35.9	4.6	.1	2.68	91	285	.1	
		FS	13 09 49.8						2.2	
. 02	ASC	EP	13 09 37.4				99	290	.3	
. 02	SSI	IP	13 09 38.0	42.1	.1	3.70	104	322	.2	
. 02	AND	EP	13 09 40.0				117	293	.2	
. 02	RAT	EP	13 09 46.2	7.3	.2	2.82	167	296	-1.2	QP
.....										
02	NIK	IP	13 13 46.3							
		ES	13 13 59.2							
02	ADK	EP	13 14 31.9							
		ES	13 15 23.6							
		EL	13 15 30.6							
02	AMA	EP	13 14 53.7	25.5	.3					
		E(S)	13 16 20.5							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	SSI	EP	13 15 4.9	6.5	.2					
02	ASD	EP	13 15 7.6	6.3	.2					
02	ASB	EP	13 15 8.7	8.6	.2					
02	ASC	EP	13 15 9.1							
02	AND	EP	13 15 10.8							
02	ANA	EP	13 15 13.0							
02	RAT	EP	13 15 15.7	6.0	.3					QP
02	16 23 23.75	51.75 N 179.64 E DEPTH = 123.2 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
02	ASD	EP	16 23 41.5	1.7	.1	2.39	45	208	-.0	
02	ASB	EP	16 23 54.6						.1	
02	ASB	EP	16 23 41.9	1.8	.1	2.43	51	213	.1	
02	ASB	EP	16 23 55.0						-.1	
02	ANA	EP	16 23 42.9				69	259	.0	
02	16 23 42.08	52.12 N 177.06 E DEPTH = 121.3 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
02	RAT	IP	16 24 2.8	12.6	.1	3.33	94	112	-.1	
02	IS		16 24 17.9						-.1	
02	ANA	IP	16 24 5.7				123	116	.3	
02	AND	EP	16 24 7.4				144	115	-.1	
02	ASD	EP	16 24 10.5	2.1	.1	2.68	177	116	-.3	QP
02	ASB	EP	16 24 10.5	1.9	.1	2.63	173	118	.1	QP
02	ES		16 24 31.2						.1	
02	SSI	IP	16 24 10.7	5.5	.1	3.10	175	97	.0	
02	16 32 45.76	51.79 N 178.11 E DEPTH = 142.1 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
02	ANA	IP	16 33 5.6				42	115	-.1	
02	AND	EP	16 33 6.7				64	113	.1	
02	ASC	EP	16 33 7.8				82	116	.1	
02	ASB	EP	16 33 8.5	1.5	.1	2.44	92	121	.1	QS
02	ES		16 33 25.0						-.0	
02	ASD	EP	16 33 8.6	2.5	.1	2.67	96	117	-.1	
02	17 12 40.01	51.69 N 179.59 E DEPTH = 87.2 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
02	ASD	EPG	17 12 53.3	3.4	.1	2.56	37	207	-.1	
02	ASC	EPG	17 12 53.5				38	230	.1	
02	ACA	IPG	17 12 53.6				40	235	.1	
02	ACE	IPG	17 12 53.6				43	222	-.1	
02	ACB	EPG	17 12 53.7				43	234	.0	
02	ASB	EPG	17 12 53.8	5.8	.1	2.81	43	213	.1	
02	FS		17 13 3.4						-.3	
02	ACD	EPG	17 12 53.8				43	228	.1	
02	AND	EPG	17 12 53.9				46	253	.0	
02	ACF	EPG	17 12 53.9				45	247	.1	
02	ANA	EPG	17 12 55.3				64	264	.1	
02	RAT	EPG	17 12 57.1	1.9	.1	2.42	88	279	-.2	
02	ES		17 13 9.9						-.0	
02	AMA	EPG	17 12 58.4	5.1	.2	2.58	101	116	-.2	
02	ES		17 13 12.3						.2	
02	SSI	F(P)	17 13 1.9	6.5	.1	2.83	23	0	9.2	QP

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SFC)	REMARKS
.....										
2	18 49	11.70	60.51 N 152.07 W	DEPTH = 120.0 KM						TELESEISMIC SOLUTION
			SOUTHERN ALASKA							
.....										
02	18 58	43.76	51.68 N 177.92 E	DEPTH = 72.5 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
02	RAT	IPGD	18 58 55.0	39.7	.1	3.56	31	65	-.1	
		IS	18 59 3.3						-.1	
02	ANA	IPGD	18 58 56.8				51	97	.2	POSS. PRECURSOR
		ES	18 59 6.3						.4	
02	AND	EPG	18 58 58.2				72	100	-.3	
		ES	18 59 9.0						-.2	
02	ASC	EPG	18 59 .5				89	106	.3	
02	ASB	FPG	18 59 1.0	3.5	.1	2.68	98	111	-.2	
		ES	18 59 13.6						-.3	
02	ASD	EPG	18 59 1.8	2.5	.1	2.55	103	108	.1	
02	SSI	IP D	18 59 3.2	22.2	.1	3.53	117	78	-.0	
		IS	18 59 17.5						.1	
.....										
02	19 18	6.27	51.73 N 179.12 E	DEPTH = 0.0 KM						FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
02	AND	IPGD	19 18 10.3				22	211	-.0	LOCAL
		ES	19 18 13.3						.0	
02	ACF	E(P)	19 18 10.8				25	201	.0	QP
02	ASB	E(P)	19 18 13.8				43	168	-.2	QP
02	ASD	E(P)	19 18 13.9	.8	.1	1.63	41	158	.1	QP
.....										
02	19 29	28.33	51.09 N 179.25 E	DEPTH = 25.0 KM						FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
02	ASB	EPG	19 29 34.8	3.2	.1	2.19	30	360	.0	
		FS	19 29 42.1						2.6	
02	ASD	EPG	19 29 35.3	3.4	.1	2.25	34	11	.0	
02	ACE	EPG	19 29 35.4				35	351	-.0	
02	ACB	FPG	19 29 36.5				43	345	.0	
.....										
02	AMA	IPGD	19 51 48.4	14.0	.1	2.67				
		IS	19 51 51.2							
02	ASD	EP	19 52 3.0	1.1	.1	2.18				
02	ASB	EP	19 52 4.3	4.8	.2	2.54				QS
		ES	19 52 18.4							
02	ASC	EP	19 52 5.1							
02	AND	E(P)	19 52 8.0							QP
.....										
02	20 23	27.16	51.12 N 178.99 E	DEPTH = 24.3 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
02	ASB	IPG	20 23 33.8	8.2	.1	2.61	32	34	.0	
		IS	20 23 38.6						-.0	
02	ACE	IPG	20 23 34.0				33	22	.0	
02	ASD	IPG	20 23 34.4	8.5	.1	2.68	39	39	-.3	
		ES	20 23 39.8						-.3	
02	ACD	EPG	20 23 34.4				35	17	.2	
02	ACB	FPG	20 23 34.8				38	11	.2	
02	ASC	IPG	20 23 34.9				40	18	.1	
02	ACA	EPG	20 23 35.1				41	13	.1	
02	ACF	FPG	20 23 35.7				45	0	.2	
02	AND	IPGD	20 23 36.1				49	357	-.0	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 02	ANA	IPG	20 23 37.7				60	338	-.1	
. 02	RAT	EP	20 23 41.6	6.3	.1	2.82	88	329	-.3	QP
. 02	SSI	EP	20 23 43.0	6.2	.1	2.84	95	26	.1	QP
.....										
. 02	21 13 45.33	50.77 N 176.94 E DEPTH = 0.0 KM						FIXED DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 02	RAT	EP	21 14 10.2	5.4	.1	2.95	151	40	-.4	
. 02	ANA	EP	21 14 11.4				154	51	.3	
. 02	AND	EP	21 14 12.9				166	57	-.1	
. 02	ASB	EP	21 14 14.3	20.7	.2	3.30	175	67	.1	OS
		FS	21 14 34.9						-.4	
. 02	ASC	EP	21 14 14.3				174	63	.2	
. 02	ASD	EP	21 14 15.1	2.0	.1	2.59	182	67	-.2	
. 02	SSI	EP	21 14 21.3	19.3	.1		223	55	-.1	
		ES	21 14 48.1						.5	
.....										
. 02	21 22 17.61	51.71 N 179.06 E DEPTH = 89.8 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 02	AND	EPG	21 22 30.5				18	205	.0	
. 02	ANA	EPG	21 22 30.9				29	252	.0	
. 02	ACA	EPG	21 22 30.9				26	171	.2	
. 02	ACB	EPG	21 22 30.9				28	176	.1	
. 02	ACD	EPG	21 22 30.9				32	170	-.1	
. 02	ACE	EPG	21 22 31.0				35	167	-.2	
. 02	ASC	EPG	21 22 31.1				28	165	.3	
. 02	ASD	EPG	21 22 31.3	2.7	.1	2.48	40	151	-.1	
		FS	21 22 41.4						-.1	
. 02	ASB	EPG	21 22 31.4	3.1	.1	2.54	41	161	-.1	
		FS	21 22 41.6						.0	
. 02	SSI	IPGC	21 22 31.5	44.8	.1	3.70	42	60	-.0	
		ES	21 22 41.6						-.0	
. 02	RAT	EPG	21 22 32.0	3.2	.1	2.58	51	282	-.1	
.....										
. 02	22 56 40.03	52.58 N 178.64 E DEPTH = 150.0 KM						FIXED DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 02	RAT	EP	22 57 3.0	2.4	.1	2.66	90	194	-.3	
		ES	22 57 20.8						.5	
. 02	ANA	EP	22 57 4.4				106	179	-.1	
. 02	AND	EP	22 57 5.2				115	169	-.0	
. 02	ASC	EP	22 57 6.7				129	164	.3	QP
. 02	ASD	EP	22 57 7.4	5.5	.2	2.78	141	160	.0	
. 02	ASB	EP	22 57 7.6	3.6	.2	2.60	142	163	.1	QP
		ES	22 57 27.1						-.4	
.....										
. 02	23 7 27.08	51.43 N 178.77 E DEPTH = 44.8 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 02	AND	EPG	23 07 34.7				20	39	-.1	
. 02	ACF	EPG	23 07 34.8				19	54	.1	
. 02	ACB	EPG	23 07 35.0				22	79	.0	
. 02	ANA	EPG	23 07 35.2				24	341	.1	
. 02	ACA	EPG	23 07 35.2				25	76	.1	
. 02	ACD	EPG	23 07 35.3				25	89	.1	
. 02	ACE	EPG	23 07 35.3				28	96	-.1	
. 02	ASC	EPG	23 07 35.5				27	81	.1	
. 02	ASB	EPG	23 07 35.9	.9	.1	1.78	34	102	.0	
		ES	23 07 41.9						-.4	
. 02	ASD	EPG	23 07 36.5	2.8	.1	2.30	40	95	.0	

PAGE 71-08- 14

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	RAT	EPG	23 07 37.6				52	324	-0.2	
02	23 34 31.88		51.65 N 178.86 E				23.1			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
02	AND	IPG	23 34 36.2				11	147	.0	
		IS	23 34 39.2						-0.1	
02	ANA	EPG	23 34 36.4				14	260	-0.0	
		ES	23 34 39.8						.1	
02	ACE	FPG	23 34 38.7				35	142	-0.1	
02	ASB	FPG	23 34 39.6	1.2	.1	1.84	42	140	-0.1	QS
		E(S)	23 34 45.6						.1	
02	ASD	EPG	23 34 40.2	1.4	.1	1.93	44	131	.2	
03	AMA	EPG	00 44 41.5							
		ES	00 44 52.0							
03	ASD	FP	00 44 57.7	.4	.1					QP
		F(S)	00 45 20.1							
03	ASB	FP	00 44 58.1	.6	.1					QP
03	ASC	EP	00 44 59.3							QP
03	1 3 12.50		51.21 N 178.02 E				0.0			FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
03	RAT	IP	01 03 24.7				69	18	-0.3	
		ES	01 03 33.3						-0.9	
03	ANA	FP	01 03 25.0				64	44	.8	
		ES	01 03 33.5						.8	
03	AND	EP	01 03 26.7				76	59	.4	QP
03	ASB	F(P)	01 03 27.9	6.5	.2	2.52	87	78	-0.2	QP
		ES	01 03 38.2						-1.3	
03	ASD	E(P)	01 03 29.2				94	77	.0	QP
03	1 28 46.89		51.12 N 179.94 W				3.5			FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
03	ASD	IPG	01 28 57.4	3.9	.1	2.45	59	302	.0	
		ES	01 29 5.0						.0	
03	AMA	F(P)	01 28 57.7	7.1	.2	2.42	61	71	.0	
03	ASB	EPG	01 28 58.0	2.4	.1	2.26	63	296	.0	
		ES	01 29 6.1						.0	
03	ACE	FPG	01 28 58.9				70	297	-0.1	
03	ASC	EPG	01 28 59.6				73	302	.0	
03	SSI	FPG	01 29 2.5	6.0	.1	2.81	93	339	.0	
		E(S)	01 29 13.8						-0.0	
03	2 43 51.61		50.95 N 178.49 E				25.0			FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
03	ASB	EPG	02 44 4.0	.9	.1	1.90	70	49	.3	
03	AND	EPG	02 44 4.3				76	25	-0.2	
		ES	02 44 13.9						.0	
03	ASD	EPG	02 44 4.4	1.4	.1	2.12	77	50	-0.3	
03	ASC	EPG	02 44 4.4				74	39	.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
03	4 15	11.26	51.48 N 178.66 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ANA	IPG	04 15 14.8				17	1	.5	
03	AND	IPG	04 15 15.1				22	65	-.2	
		IS	04 15 17.9						-.4	
03	RAT	IPG	04 15 18.5	2.6	.1	2.14	42	328	-.5	
03	ASC	E(P)	04 15 18.9				35	93	1.3	VQP
03	ASB	EPG	04 15 19.1	.7	.1	1.57	43	107	.0	QP
		ES	04 15 24.5						-.2	
03	ASD	EPG	04 15 19.5	.4	.1	1.40	48	101	-.6	QP
.....										
03	5 54	4.86	51.15 N 179.28 E	DEPTH = 29.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ASB	EPG	05 54 11.1	2.0	.1	1.97	24	354	.0	LOCAL
		ES	05 54 15.6						-.0	
03	ASD	EPG	05 54 11.4	1.4	.1	1.84	27	9	-.1	
03	ACE	EPG	05 54 11.6				29	345	-.1	
03	ACD	EPG	05 54 12.1				33	342	.0	
03	ASC	EPG	05 54 12.6				36	347	.1	
03	ACB	EPG	05 54 12.7				37	339	.0	
03	ACC	EPG	05 54 13.1				41	336	.0	
03	AND	E(P)	05 54 14.4				52	334	-.1	
.....										
03	6 10	13.04	51.37 N 179.33 E	DEPTH = 55.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ASD	IPG	06 10 21.4	2.2	.1	2.17	3	14	.0	
03	ASB	IPG	06 10 21.4	1.9	.1	2.10	6	264	-.0	
		IS	06 10 27.5						-.0	
03	ACE	EPG	06 10 21.5				12	289	-.1	
03	ASC	IPG	06 10 21.7				16	313	.0	
03	ACA	EPG	06 10 21.8				20	311	-.1	
03	ACD	EPG	06 10 21.8				15	297	.1	
03	ACB	EPG	06 10 22.0				20	303	.1	
03	ACF	EPG	06 10 22.4				29	307	-.1	
		ES	06 10 29.4						.1	
03	AND	EPG	06 10 22.6				34	310	-.2	
03	ANA	EPG	06 10 24.8				55	302	.1	
03	SSI	E(P)	06 10 25.4	1.9	.1	2.26	61	17	.0	
.....										
03	6 22	1.78	51.13 N 179.31 E	DEPTH = 28.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ASB	EPG	06 22 8.0	2.1	.1	2.00	26	350	-.0	QS
		ES	06 22 12.6						-.0	
03	ASD	EPG	06 22 8.4	1.4	.1	1.85	29	4	.0	
03	ACE	EPG	06 22 8.7				31	342	.0	
03	ACD	EPG	06 22 9.2				35	340	.1	
03	ASC	EPG	06 22 9.5				38	345	-.0	
03	ACB	EPG	06 22 9.7				40	338	-.0	
.....										
03	6 53	42.65	51.41 N 178.76 E	DEPTH = 45.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	AND	EPG	06 53 50.5				22	37	-.1	
03	ACC	EPG	06 53 50.6				21	66	.0	
03	ACF	EPG	06 53 50.6				21	50	.1	
		E(S)	06 53 56.2						-.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 03	ACB	EPG	06 53 50.8				24	74	.1	
. 03	ANA	FPG	06 53 50.9				26	344	.1	
. 03	ACA	EPG	06 53 51.0				26	71	.1	
. 03	ACE	FPG	06 53 51.0				29	91	-.1	
. 03	ACD	EPG	06 53 51.1				26	84	.2	
. 03	ASC	EPG	06 53 51.2				29	77	.1	
. 03	ASB	EPG	06 53 51.5	.4	.1	1.44	34	98	-.1	
.		ES	06 53 57.5						-.6	
. 03	ASD	EPG	06 53 52.1	.4	.1	1.48	40	92	-.1	
. 03	RAT	E(P)	06 53 53.3	1.1	.1	1.96	53	326	-.3	VQP

.....
 . 03 8 13 49.61 51.63 N 179.67 W DEPTH = 86.2 KM FREE DEPTH SOLUTION
 DELAROF ISLANDS, ALEUTIAN ISLANDS

. 03	AMA	EPG	08 14 4.0	15.8	.2	2.96	55	134	.0	
. 03	SSI	IPGC	08 14 4.2	24.3	.2	3.16	59	300	-.1	
.		ES	08 14 15.1						.1	
. 03	ASD	IPGD	08 14 5.4	8.3	.1	3.03	74	249	-.1	
.		ES	08 14 17.1						-.0	
. 03	ASB	IPGD	08 14 6.2	8.6	.1	3.06	81	249	.0	
.		ES	08 14 18.3						-.0	
. 03	ASC	IPG	08 14 6.5				83	257	.1	
. 03	AND	IP D	08 14 7.5				96	266	-.1	
. 03	ANA	IP D	08 14 9.9				115	270	.2	
. 03	RAT	EP	08 14 12.2	1.6	.1	2.46	139	278	-.1	

03	AMA	IP	08 33 20.0	13.0	.1					
03	SSI	EP	08 33 34.3	10.2	.1	3.28				
.		IS	08 33 52.9							
03	ASD	EP	08 33 34.7	2.1	.1	2.60				
.		ES	08 33 53.9							
03	ASB	EP	08 33 35.8	2.6	.1	2.71				
03	ASC	EP	08 33 37.0							
03	AND	EP	08 33 39.2							
03	ANA	EP	08 33 41.7							
03	RAT	EP	08 33 45.1	3.2	.2					QP
03	AMA	IPGD	09 37 45.6	8.4	.1	2.62				
.		IS	09 37 50.0							
03	ASD	EP	09 37 55.1	1.0	.1	2.08				QP
03	ASB	EP	09 37 55.9							
.		FS	09 38 8.4							
03	SSI	EP	09 37 56.5	1.4	.1	2.25				
.		FS	09 38 8.7							
03	ASC	EP	09 37 57.1							QP

.....
 . 03 11 7 40.20 51.82 N 176.47 W DEPTH = 65.0 KM MB = 3.5 TELESEISMIC SOLUTION
 ANDREANOF ISLANDS, ALEUTIANS ISLANDS

. 03	ADK	IP C	11 07 49.9				17	295	-.2	0
.		ES	11 07 56.7						-.6	
. 03	AMA	EP	11 08 9.0	64.8	.2	3.85	192	253	.6	
. 03	SSI	EP	11 08 18.6	24.4	.1		271	273	.5	
. 03	ASD	EPN	11 08 21.0				294	262	.2	
.		IP	11 08 21.8	11.1	.1					
. 03	ASB	EPN	11 08 22.0				301	262	.3	
.		EP	11 08 22.8	30.7	.2					
.		ES	11 08 52.5						.5	
. 03	ASC	EPN	11 08 22.8				304	264	.6	
.		IP	11 08 23.7							
. 03	AND	EP	11 08 24.4				317	267	.7	
. 03	ANA	EPN	11 08 27.0				337	268	.9	
.		IP	11 08 27.7							
. 03	RAT	EP	11 08 29.7				358	272	.9	

PAGE 71-08- 17

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
03	11 54 48.13		51.50 N 179.84 E	DEPTH = 65.1 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
03	ASD	IPG	11 54 59.0	4.5	.1	2.59	36	252	-.1	
		ES	11 55 7.1						.1	
03	ASB	EPG	11 54 59.6	1.8	.1	2.22	44	250	-.0	
		IS	11 55 7.9						-.1	
03	ACE	IPG	11 54 59.8				47	257	-.1	
03	SSI	EPG	11 54 59.9	5.1	.1	2.68	47	339	-.0	
03	ASC	EPG	11 55 0.0				47	266	.1	
03	ACD	EPG	11 55 .2				49	262	.1	
03	ACC	EPG	11 55 .3				55	269	-.3	
03	ACA	EPG	11 55 .3				50	268	.2	
03	ACB	EPG	11 55 .4				52	266	.1	
03	AND	EPG	11 55 1.2				62	277	-.0	QP
03	12 42 9.06		50.95 N 178.50 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
03	ASB	EP	12 42 22.1	1.2	.1	2.08	69	48	.0	
03	ASC	EP	12 42 22.7				74	39	.1	
03	AND	EP	12 42 22.7				75	24	-.1	
03	ASD	EP	12 42 22.8	1.4	.1	2.17	77	50	-.1	
		F(S)	12 42 33.0						-.0	
03	12 51 24.38		51.16 N 179.50 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
03	AMA	IPGC	12 51 30.1	107.3	.1	3.63	31	62	.1	
		IS	12 51 34.3						.1	
03	ASD	IPGD	12 51 39.9	13.6	.1		84	288	.3	
		I	12 51 41.7	20.6	.1	3.31				
		IS	12 51 51.4						.7	
03	ASB	EPG	12 51 40.7	2.1	.1	2.34	90	285	.3	
		I	12 51 42.3							
03	ASC	IPG	12 51 42.1				99	291	.4	
		I	12 51 43.7							
03	SSI	IPG	12 51 42.4	33.2	.1	3.59	103	323	-.0	
		IS	12 51 55.6						.0	
03	AND	EPG	12 51 44.5				116	293	.1	
		I	12 51 46.1							
03	ANA	EPG	12 51 47.0				138	293	-.7	
		I	12 51 48.7							
03	RAT	EP	12 51 50.9	1.9	.1	2.54	166	296	-1.1	
		I	12 51 52.2							
03	13 11 3.44		51.70 N 179.75 E	DEPTH = 88.5 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
03	SSI	IPG	13 11 16.4	3.7	.1	2.59	25	333	.0	
03	ASD	IPG	13 11 17.3	2.5	.1	2.46	44	220	-.0	
		ES	13 11 27.4						-.1	
03	ASB	IPG	13 11 17.8	3.3	.1	2.59	51	223	.0	
		ES	13 11 28.1							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
03	13 29 15.57	51.77 N 179.12 W DEPTH = 96.0 KM						FREE DEPTH SOLUTION		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
03	AMA	IPGD	13 29 30.9	179.9	.2	4.05	54	179	.0	
		IS	13 29 42.0						-.1	
03	SSI	IP C	13 29 33.9	159.6	.1	4.37	90	279	.2	
		IS	13 29 46.9						-.1	
03	ASD	IP D	13 29 36.1	16.5	.1	3.43	114	249	-.0	
		ES	13 29 51.3						.1	
03	ASB	IP D	13 29 36.9	14.5	.1	3.39	122	249	-.0	
		IS	13 29 52.5						.0	
03	ASC	IP	13 29 37.1				123	254	.0	
03	AND	IP D	13 29 38.2				135	261	-.1	
03	ANA	IP D	13 29 40.5				154	265	.1	
03	RAT	IP	13 29 42.7	16.4	.1	3.55	175	272	-.1	
.....										
03	13 32 19.56	51.52 N 179.29 E DEPTH = 83.5 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
03	ASC	EPG	13 32 31.4				10	235	-.1	QP
03	ACA	EPG	13 32 31.5				12	252	-.0	
03	ACD	EPG	13 32 31.5				14	227	-.1	
03	ASE	EPG	13 32 31.6	.5	.1	1.69	17	189	-.1	QS
		ES	13 32 40.5						.0	
03	ACB	EPG	13 32 31.6				15	247	.0	
03	ASD	EPG	13 32 31.7	.6	.1	1.74	14	164	.1	QP
03	AND	EPG	13 32 31.8				24	283	-.1	QP
03	ACC	EPG	13 32 31.9				17	259	.2	QP
03	ANA	EPG	13 32 33.0				45	286	.0	
.....										
03	14 19 56.51	51.69 N 179.11 E DEPTH = 81.0 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
03	ACB	EPG	14 20 8.5				25	184	-.1	
03	ACD	EPG	14 20 8.7				29	177	-.1	
03	ASC	E(P)	14 20 8.8				25	172	.2	QP
03	ANA	IPGD	14 20 8.9				32	258	-.0	
		ES	14 20 18.0						.1	
03	ASD	E(P)	14 20 9.1	.4	.1	1.63	37	155	-.1	QP
03	SSI	IPGC	14 20 9.4	5.7	.1	2.77	40	55	.1	
		ES	14 20 18.6						-.1	
03	RAT	FPG	14 20 10.4	2.0	.1	2.35	55	283	-.0	
.....										
03	AMA	E(P)	16 13 22.4	9.7	.2	2.92				QP. QS
		F(S)	16 13 39.6							
03	SSI	FP	16 13 35.6	2.4	.1					QS
		E(S)	16 14 30.4							
03	ASD	FP	16 13 36.8	.8	.1					QP
03	ASB	EP	16 13 37.9	1.2	.1					QP
03	ASC	FP	16 13 38.4							QP
.....										
03	16 44 18.63	51.75 N 179.76 E DEPTH = 14.6 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
03	SSI	IPGD	16 44 23.1				20	323	.1	WHITE OUT
		IS	16 44 26.0						-.1	
03	ASD	IPGC	16 44 27.2	46.5	.1	3.46	49	216	-.1	
		ES	16 44 33.6						-.1	
03	ASC	IPG	16 44 27.8				52	233	.0	
03	ACA	EPG	16 44 28.1				54	236	.1	
03	ASB	IPGC	16 44 28.3	13.6	.1	2.98	56	220	-.0	
		ES	16 44 35.8						.4	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 03	ACE	EPG	16 44 28.3				56	227	-.1	
. 03	ACB	EPG	16 44 28.4				56	236	-.0	
. 03	ACD	EPG	16 44 28.4				56	231	-.0	
. 03	ACC	EPG	16 44 28.6				58	240	-.0	
. 03	AND	IPGC	16 44 28.8				60	250	-.1	
. 03	ACF	EPG	16 44 28.8				59	245	-.1	
. 03	ANA	IPG	16 44 31.7				77	260	-.2	
		IS	16 44 40.4						-.6	
. 03	AMA	IPG	16 44 33.9	12.9	.2	2.85	93	123	-.1	
. 03	RAT	EPG	16 44 34.9	6.8	.1	2.89	99	274	-.1	

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16 47 45.82 51.75 N 179.77 E DEPTH = 16.3 KM FREE DEPTH SOLUTION										
RAT ISLANDS, ALEUTIAN ISLANDS										
. 03	SSI	IPGD	16 47 50.3				20	322	-.0	
. 03	ASD	IPG	16 47 54.5	67.6	.1	3.63	50	217	-.1	
		ES	16 48 1.1						.1	
. 03	ASC	IPG	16 47 55.1				53	233	.1	
. 03	ACA	EPG	16 47 55.3				54	237	.0	
. 03	ASB	IPG	16 47 55.5	17.2	.1	3.08	56	220	-.1	
		ES	16 48 3.0						.2	
. 03	ACB	EPG	16 47 55.6				57	236	-.1	
. 03	ACD	EPG	16 47 55.6				57	231	-.0	
. 03	ACE	EPG	16 47 55.6				57	227	-.1	
. 03	ACC	EPG	16 47 55.9				58	240	-.0	
. 03	ACF	EPG	16 47 56.0				59	245	-.0	
. 03	AND	IPG	16 47 56.1				60	250	-.1	
. 03	ANA	IPG	16 47 59.0				78	260	-.2	
. 03	AMA	EP	16 48 1.2	23.7	.2	3.11	93	123	.0	
. 03	RAT	IPG	16 48 2.2	11.9	.1	3.14	99	274	-.1	
		E(S)	16 48 13.8						-.1	

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16 56 54.84 51.57 N 179.29 E DEPTH = 68.9 KM FREE DEPTH SOLUTION										
RAT ISLANDS, ALEUTIAN ISLANDS										
. 03	ASD	EPG	16 57 5.1	8.0	.1	2.83	20	170	-.2	
. 03	ASC	EPG	16 57 5.1				15	218	-.0	
. 03	ACB	EPG	16 57 5.2				18	231	-.0	
. 03	ACC	EPG	16 57 5.2				20	243	-.1	QP
. 03	ACA	EPG	16 57 5.3				15	232	.2	QP
. 03	ACE	EPG	16 57 5.3				20	205	.0	
. 03	ACF	EPG	16 57 5.3				21	258	-.0	QP
. 03	ASB	EPG	16 57 5.4	7.8	.1	2.82	23	188	-.0	
		ES	16 57 13.1						-.0	
. 03	AND	EPG	16 57 5.4				24	269	-.0	
. 03	ACD	EPG	16 57 5.4				19	216	.2	
. 03	SSI	EP	16 57 6.6	2.9	.1	2.43	42	29	.1	
		ES	16 57 15.0						-.1	
. 03	ANA	EPG	16 57 6.9				44	279	.2	
. 03	RAT	EP	16 57 9.0	1.8	.1	2.31	71	292	-.2	

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18 1 27.40 52.18 N 178.57 W DEPTH = 185.5 KM FREE DEPTH SOLUTION										
DELAROF ISLANDS, ALEUTIAN ISLANDS										
. 03	AMA	IP D	18 01 55.6	37.6	.1	3.93	106	201	.1	
		ES	18 02 15.8						-.2	
. 03	SSI	IP C	18 01 57.2	85.6	.2	4.01	130	257	.0	
. 03	ASD	IP D	18 02 0.0	25.2	.1	3.82	168	240	-.2	
. 03	ASB	IP	18 02 .9	23.5	.1	3.80	176	240	.0	
		I(S)	18 02 25.5						.2	
. 03	ASC	EP	18 02 1.0				175	244	.2	
. 03	AND	IP D	18 02 1.5				183	249	-.1	
. 03	ANA	IP D	18 02 3.2				200	253	.1	

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AUG 1971	STA	PHASE	TIME (GMT)		AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SFG)	REMARKS
. 03	RAT	IP	18 02	4.6	35.8	.1		217	260	-.1	
.....											
. 03	18 12	11.55	50.41 N 174.91 E DEPTH = 50.0 KM					FIXED DEPTH SOLUTION			
	RAT ISLANDS, ALEUTIAN ISLANDS										
. 03	RAT	EP	18 12	50.2	12.2	.1		285	56	-.7	
. 03	ANA	EP	18 12	52.2				295	61	-.1	
. 03	AND	EP	18 12	54.0				311	64	-.2	
. 03	ASC	EP	18 12	55.5				321	67	.1	
. 03	ASB	EP	18 12	55.7	14.6	.1		322	69	.1	
		E(S)	18 13	27.0						-.8	
. 03	ASD	EP	18 12	56.5	6.2	.1		330	69	-.0	
. 03	SSI	IP 0	18 13	1.8	43.0	.1		366	62	.8	
		I(S)	18 13	37.8						.7	
.....											
. 3	18 36	47.30	60.10 N 152.75 W DEPTH = 82.0 KM MB = 3.8					TELESEISMIC SOLUTION			
	SOUTHERN ALASKA										
.....											
. 03	ASD	EP	18 40	51.1	5.3	.3					OP. TELE
. 03	ASB	EP	18 40	52.0	8.1	.3					OP
. 03	AND	EP	18 40	52.3							OP
. 03	ANA	EP	18 40	54.5							
. 03	RAT	EP	18 40	55.1	37.9	.4					
.....											
. 03	21 6	14.67	51.02 N 178.63 E DEPTH = 32.4 KM					FREE DEPTH SOLUTION			
	RAT ISLANDS, ALEUTIAN ISLANDS										
. 03	ASB	IPG	21 06	25.2	10.3	.1	2.91	57	49	-.1	
		ES	21 06	33.0						-.0	
. 03	ACE	EPG	21 06	25.2				57	42	-.0	
. 03	ACD	EPG	21 06	25.4				58	38	.1	
. 03	ACB	EPG	21 06	25.6				59	33	.1	
. 03	ACC	EPG	21 06	25.6				59	29	.1	
. 03	ASD	IPGC	21 06	26.0	15.7	.1	3.13	65	50	-.3	
		IS	21 06	34.5						-.3	
. 03	ASC	IPG	21 06	26.0				62	37	.1	
. 03	ACA	EPG	21 06	26.0				62	34	.1	
. 03	ACF	EPG	21 06	26.1				62	24	.2	
. 03	AND	IPG	21 06	26.3				64	20	.0	
. 03	ANA	IPG	21 06	26.9				68	2	.2	
. 03	RAT	EP	21 06	29.4	1.1	.1	2.08	89	347	-.4	
. 03	SSI	IP 0	21 06	34.1	10.4	.1	3.16	118	34	.1	
		ES	21 06	48.1						-.0	
.....											
. 03	SSI	IPG	22 21	4.9	5.1	.1	2.51				
		ES	22 21	10.6							
. 03	ASD	EPG	22 21	7.9	1.3	.1	2.04				
. 03	ASB	EPG	22 21	9.1	1.9	.1	2.26				
		ES	22 21	18.1							
. 03	ASC	EPG	22 21	9.4							
. 03	ANA	EPG	22 21	14.0							OP
. 03	RAT	EP	22 21	17.1	1.1	.1					
.....											
. 03	22 44	13.97	51.26 N 179.91 E DEPTH = 25.0 KM					FIXED DEPTH SOLUTION			
	RAT ISLANDS, ALEUTIAN ISLANDS										
. 03	ASD	EPG	22 44	21.8	1.8	.1	2.04	42	290	-.3	
		ES	22 44	27.9						-.0	
. 03	ASB	EPG	22 44	22.8				48	284	.0	
. 03	ACE	EPG	22 44	23.7				54	287	.0	
. 03	ASC	EPG	22 44	24.1				57	294	.0	
. 03	ACD	EPG	22 44	24.3				57	289	.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
. 03	ACA	EPG	22 44 24.7				60	294	.1	
. 03	ACB	EPG	22 44 24.8				61	292	.0	
. 03	SSI	EPG	22 44 26.6	1.5	.1	2.14	74	342	-.0	
.....										
. 04	0 21 53.50		51.49 N 178.36 E							DEPTH = 55.6 KM
			PAT ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION
. 04	ANA	IP	00 22 2.9				26	53	.1	
. 04	RAT	IPG	00 22 3.3	12.5	.1	2.99	35	356	-.1	
		ES	00 22 10.4						-.2	
. 04	AND	IP	00 22 4.1				42	78	.1	
. 04	ACF	EPG	00 22 4.3				44	84	.1	
. 04	ACC	EPG	00 22 4.6				47	90	.1	
. 04	ACB	IPG	00 22 4.8				51	93	.0	
. 04	ACA	EPG	00 22 5.0				53	90	.0	
. 04	ACD	IPG	00 22 5.2				54	97	.1	
. 04	ACE	EPG	00 22 5.4				57	99	-.0	
. 04	ASC	IP	00 22 5.4				56	92	.1	
. 04	ASB	IP	00 22 5.9				63	102	-.2	
		IS	00 22 14.9						-.3	
. 04	ASD	IP C	00 22 6.6	30.4	.1	3.49	69	98	-.1	
. 04	SSI	IPG	00 22 9.7	21.7	.1	3.44	96	61	-.1	
		ES	00 22 21.9						.1	
.....										
. 04	AMA	IP	01 36 56.9	33.2	.2	2.94				
		ES	01 37 1.6							
. 04	ASD	EP	01 37 5.6							
		ES	01 37 19.2							
. 04	ASB	EP	01 37 6.2							
. 04	ASC	EP	01 37 8.3							
. 04	SSI	EP	01 37 8.8							
.....										
. 04	4 56 4.62		51.67 N 179.44 W							DEPTH = 97.1 KM
			DELAROF ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION
. 04	AMA	EP	04 56 19.7				48	151	.0	
. 04	ASD	EP	04 56 22.8				90	250	-.1	
		IS	04 56 36.3						.0	
. 04	ASB	EP	04 56 23.7	1.5	.1	2.36	97	250	.1	
. 04	ASC	EP	04 56 23.7				99	257	-.1	
. 04	AND	EP	04 56 24.9				112	265	-.1	
. 04	ANA	EP	04 56 27.2				131	269	.2	
.....										
. 04	6 54 43.23		50.26 N 178.05 E							DEPTH = 50.0 KM
			RAT ISLANDS, ALEUTIAN ISLANDS							FIXED DEPTH SOLUTION
. 04	ASB	EP	06 55 5.9				148	34	.1	
. 04	ASC	EP	06 55 6.3				155	30	-.3	
. 04	ASD	EP	06 55 6.4	1.4	.1	2.40	155	35	-.2	
		ES	06 55 23.7						-.0	
. 04	AND	EP	06 55 6.4				158	23	-.6	
. 04	ANA	EP	06 55 7.2				158	15	.2	
. 04	SSI	EP	06 55 14.4	3.7	.1		211	30	.9	
.....										
. 04	8 3 52.42		50.97 N 179.27 E							DEPTH = 21.0 KM
			RAT ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION
. 04	ASB	IP D	08 04 .7	10.7	.1	2.80	44	358	.3	
		ES	08 04 6.4						.1	
. 04	ACE	EP	08 04 1.0				48	352	-.2	
. 04	ASD	IP D	08 04 1.0	9.4	.1	2.77	47	6	.0	

PAGE 71-08- 22

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS	
. 04	ACD	EP	08 04 1.7				52	349	.0		
. 04	ACB	EP	08 04 2.1				56	347	-.2		
. 04	ASC	IP	08 04 2.2				55	352	.0		
. 04	ACA	EP	08 04 2.5				58	349	-.0		
. 04	ACC	EP	08 04 2.6				59	344	-.2		
. 04	AND	EP	08 04 3.8				70	341	-.5		
. 04	ANA	EP	08 04 7.1				85	330	.6		
. 04	SSI	EP	08 04 9.7	6.8	.1	2.92	105	12	.1		
.....											
. 04	11 17 16.05	50.47 N 177.21 E DEPTH = .1 KM						FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS											
. 04	RAT	EP	11 17 43.5				167	28	-.3		
. 04	ANA	IP	11 17 43.6				164	38	.3		
. 04	AND	EP	11 17 44.4				172	45	-.1		
. 04	ASB	IP C	11 17 44.9	6.8	.1	3.11	174	55	.1		
. 04	ES		11 18 5.7						-.0		
. 04	ASC	EP	11 17 45.2				176	51	.1		
. 04	ASD	IP	11 17 45.8	2.0	.1	2.59	181	55	-.1		
. 04	SSI	EP	11 17 53.0	24.6	.1		229	46	.2		
. 04	AMA	EP	11 17 58.2				274	69	-.2		
.....											
. 04	12 3 27.09	51.57 N 178.82 E DEPTH = 21.9 KM						FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS											
. 04	AND	IP D	12 03 30.9				9	93	-.2		
. 04	ANA	EP	12 03 31.4				13	301	.1		
. 04	ACB	IP	12 03 32.4				22	122	.1		
. 04	ASC	EP	12 03 33.0				27	116	.2		
. 04	ASB	EP	12 03 34.1	1.5	.1	1.90	37	128	-.2		
. 04	ASD	IP	12 03 34.8	2.2	.1	2.10	41	118	-.0		
. 04	ES		12 03 40.5						.1		
.....											
. 04	13 27 56.41	51.56 N 179.53 E DEPTH = 76.9 KM						FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS											
. 04	ASD	EP	13 28 7.9	.8	.1	1.89	22	215	-.0		
. 04	ASC	EP	13 28 8.1				27	247	-.0		
. 04	ASB	EP	13 28 8.2				29	222	-.0		
. 04	ES		13 28 16.8						-.0		
.....											
. 04	13 55 46.84	51.34 N 179.91 E DEPTH = 30.3 KM						FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS											
. 04	ASD	EP	13 55 54.8	1.8	.1	2.05	40	279	-.2		
. 04	ES		13 56 1.2						.2		
. 04	ASB	IP	13 55 55.8	5.6	.1	2.57	46	273	-.0		
. 04	ACE	IP	13 55 56.6				52	278	.0		
. 04	ACD	EP	13 55 57.0				55	281	.0		
. 04	ASC	EP	13 55 57.1				54	285	.3		
. 04	ACA	IP	13 55 57.4				58	286	.1		
. 04	ACB	EP	13 55 57.5				59	284	-.0		
. 04	ACC	EP	13 55 57.9				63	285	-.2		
. 04	SSI	IP C	13 55 58.7	4.9	.1	2.62	66	340	.2		
. 04	IS		13 56 6.8						-.2		

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
04	14 14		39.59	51.60 N	179.47 E	DEPTH = 80.7 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
04	ASD	EP	14 14 51.7	3.1	.1	2.48	25	201	.1	
		ES	14 15 .4						-.0	
04	ACE	EP	14 14 51.8				30	223	-.1	
04	ASB	EP	14 14 51.8	2.7	.1	2.43	31	210	-.1	
04	ASC	EP	14 14 51.8				26	234	.1	
04	ACB	EP	14 14 51.9				30	239	.0	
04	ACD	IP	14 14 51.9				30	230	.0	
04	SSI	IP	14 14 52.0	9.3	.1	2.97	33	14	-.0	
04	ANA	EP	14 14 53.5				56	273	-.0	
.....										
04	15 14		34.76	51.32 N	179.40 E	DEPTH = 33.2 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
04	ASD	IP D	15 14 40.2	23.0	.1	3.00	9	336	-.1	
04	ASB	IP D	15 14 40.5				12	296	.0	
		IS	15 14 44.5						-.1	
04	ACE	IP	15 14 40.9				18	302	.0	
04	ACD	EP	15 14 41.3				22	305	.1	
04	ASC	IP D	15 14 41.4				23	316	.1	
04	ACB	EP	15 14 41.7				27	308	.0	
04	ACA	EP	15 14 41.8				27	314	.1	
		IS	15 14 46.7						.0	
04	ACC	EP	15 14 42.1				31	308	-.0	
04	AND	IP	15 14 43.2				41	312	-.1	
04	ANA	IP	15 14 45.9				62	304	-.1	
.....										
04	NIK	IP D	15 54 24.3							
04	GMA	EP	15 55 57.0							
04	SMY	EP	15 56 35.0							
.....										
04	17 25		21.70	51.82 N	177.78 W	DEPTH = 37.0 KM MB = 4.1				TELESEISMIC SOLUTION
				ANDREANOF ISLANDS, ALEUTIANS ISLANDS						
04	ADK	IP C	17 25 35.7				76	84	.6	
		ES	17 25 46.7						1.8	
04	AMA	IP C	17 25 39.4				110	238	-.5	LARGE
04	SSI	IP D	17 25 48.9				181	273	.2	
04	ASD	IP	17 25 51.2	28.0	.1		205	258	-.4	
04	ASB	IP	17 25 52.1	50.0	.1		212	257	-.4	
		ES	17 26 15.2						.2	
04	ASC	EP	17 25 52.7				215	260	-.2	
04	ACE	EP	17 25 52.8				216	259	-.2	
04	ACA	EP	17 25 53.1				217	261	-.1	
04	ACD	EP	17 25 53.1				217	260	-.1	
04	ACB	EP	17 25 53.4				220	261	-.1	
04	ACC	EP	17 25 53.6				223	262	-.3	
04	ACF	EP	17 25 54.2				225	263	.0	
04	AND	EP	17 25 54.4				227	264	-.0	
04	ANA	EP	17 25 56.9				246	266	.1	
04	RAT	IP	17 25 59.4				268	271	-.0	
		I	17 26 37.4							
.....										
04	18 24		5.40	52.39 N	168.60 W	DEPTH = 33.0 KM MB = 4.3				TELESEISMIC SOLUTION
				FOX ISLANDS, ALEUTIAN ISLANDS						
04	NIK	EP	18 24 19.3				67	345		
04	ADK	EP	18 25 20.5				557	267		
		ES	18 26 17.8							
04	AMA	EP	18 25 41.5	40.3	.2		735	265		

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 04	SSI	EP	18 25 52.8	34.9	.2		810	271		
. 04	ASD	IP	18 25 55.3	5.2	.1		837	267		
.		ES	18 27 21.1							
. 04	ASB	IP	18 25 56.3				845	267		
. 04	ACE	EP	18 25 56.5				849	267		
. 04	ASC	IP	18 25 56.9				848	268		
. 04	ACD	EP	18 25 57.1				850	268		
. 04	ACA	EP	18 25 57.3				850	268		
. 04	ACB	EP	18 25 57.3				853	268		
. 04	ACC	EP	18 25 57.7				856	268		
. 04	AND	EP	18 25 58.3				860	269		
. 04	ACF	EP	18 25 58.4				858	268		
. 04	ANA	EP	18 26 .6				878	269		
. 04	RAT	EP	18 26 2.8				898	271		

.....
 . 04 19 8 41.22 51.38 N 179.36 E DEPTH = 40.6 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

. 04	ASD	IP	19 08 47.7	6.4	.1	2.51	2	320	-.0	
. 04	ASB	IP	19 08 47.8	8.3	.1	2.63	8	258	-.1	
.		ES	19 08 52.8						.1	
. 04	ACE	IP	19 08 48.0				13	282	-.1	
. 04	ACD	IP	19 08 48.3				17	290	.0	
. 04	ASC	IP	19 08 48.4				17	305	.1	
. 04	ACA	IP	19 08 48.5				20	305	-.0	
.		ES	19 08 53.7						-.1	
. 04	ACB	IP	19 08 48.5				21	297	-.1	
. 04	ACC	EP	19 08 48.9				25	299	.0	

. 04	RAT	IP	21 01 16.6	18.2	.2					
. 04	ANA	EP	21 01 20.6							
. 04	AND	EP	21 01 22.0							
. 04	ASC	EP	21 01 24.7							
. 04	ASB	EP	21 01 24.9							
. 04	SSI	EP	21 01 25.4							
. 04	ASD	EP	21 01 25.8	13.2	.3					
.		ES	21 03 22.0							
. 04	AMA	EP	21 01 38.3							

.....
 . 04 21 34 17.21 51.50 N 179.31 E DEPTH = 70.8 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

. 04	ACE	EP	21 34 27.6				15	219	-.1	
. 04	ASD	EP	21 34 27.6	3.8	.1	2.50	13	169	-.1	
. 04	ASC	EP	21 34 27.6				11	245	-.0	
. 04	ACB	EP	21 34 27.7				16	253	-.0	
. 04	ASB	EP	21 34 27.7				16	194	-.1	
.		ES	21 34 35.3						-.2	
. 04	ACD	EP	21 34 27.8				14	234	.1	
. 04	ACA	EP	21 34 27.9				13	259	.2	
. 04	ACC	EP	21 34 27.9				18	263	.1	
. 04	AND	EP	21 34 28.2				25	285	.1	
. 04	SSI	EP	21 34 29.5	3.4	.1	2.53	47	24	-.0	
. 04	RAT	IP D	21 34 31.9	4.4	.1	2.71	75	296	-.1	

. 04	AMA	EP	22 33 18.1	8.3	.1					
. 04	SSI	EP	22 33 29.5	11.2	.1					
. 04	ASD	IP	22 33 31.8	24.6	.1					
. 04	ASB	IP	22 33 32.8	22.9	.1					
. 04	ASC	IP	22 33 33.5							
. 04	AND	EP	22 33 34.8							
. 04	ANA	IP	22 33 37.6							
. 04	RAT	EP	22 33 39.8	4.9	.1					

NO S.

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
04	22 44	21.11	50.73 N 174.81 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
04	RAT	EP	22 44 58.6	13.4	.1		273	63	-.4	
04	ANA	EP	22 45 .7				287	68	-.1	
04	AND	EP	22 45 2.6				304	71	-.3	
04	ASB	EP	22 45 4.5	2.9	.1		319	76	-.2	
		ES	22 45 36.5						-.0	
04	ASC	EP	22 45 4.8				315	73	.5	
04	ASD	EP	22 45 5.3	3.2	.1		326	75	-.3	
04	SSI	IP	22 45 10.3	35.5	.1		357	67	.9	
.....										
04	23 52	24.61	51.56 N 178.79 E	DEPTH = 26.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
04	AND	IP D	23 52 29.0				11	88	-.4	
04	ANA	IP C	23 52 29.2				12	310	-.2	
04	ACC	IP	23 52 30.1				19	115	.1	
04	ACB	EP	23 52 30.5				24	117	.1	
04	ACA	EP	23 52 30.6				24	111	.1	
04	ASC	IP C	23 52 31.2				28	112	.2	
04	ACD	IP	23 52 31.2				28	121	.2	
04	ACE	IP	23 52 31.5				32	123	.1	
04	ASB	IP C	23 52 32.3	9.7	.1	2.75	39	125	.0	
		IS	23 52 37.6						-.3	
04	RAT	IP C	23 52 32.7	12.6	.1	2.88	41	310	.0	
04	ASD	IP C	23 52 32.9	14.7	.1	2.95	43	116	.1	
04	SSI	EP	23 52 36.4	4.4	.1	2.57	66	56	.2	
04	AMA	EP	23 52 48.0				149	101	-.5	
.....										
05	AMA	EP	00 30 36.9	3.3	.1					
05	SSI	EP	00 30 46.7	3.9	.1					
05	ASD	EP	00 30 49.2	7.6	.1					
05	ASB	EP	00 30 50.2	12.6	.2					
05	ASC	IP	00 30 50.7							
05	AND	EP	00 30 52.2							
05	ANA	EP	00 30 54.8							
05	RAT	EP	00 30 57.3							
.....										
05	3 16	57.67	51.52 N 179.73 W	DEPTH = 72.3 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
05	AMA	IP C	03 17 10.4	10.0	.1	3.01	50	121	.0	
05	SSI	EP	03 17 11.4	3.9	.1	2.63	62	312	-.0	
05	ASD	IP	03 17 11.5	7.1	.1	2.90	66	258	-.2	
05	ASB	EP	03 17 12.4				73	256	-.0	
		ES	03 17 23.2						.1	
05	ASC	IP	03 17 12.9				77	266	.1	
05	AND	EP	03 17 14.2				91	273	-.1	
05	ANA	EP	03 17 16.7				112	277	.2	
05	RAT	EP	03 17 19.4				137	284	-.1	
.....										
05	NIK	EP	04 05 11.7							
05	AMA	EP	04 06 39.3	18.3	.1					
05	SSI	EP	04 06 50.0	7.8	.1					
05	ASD	EP	04 06 52.9	4.1	.1					
05	ASB	EP	04 06 53.6	12.6	.2					
		E	04 07 3.9							
		E(S)	04 08 37.0							
05	ASC	EP	04 06 54.1							
05	AND	EP	04 06 55.7							
05	ANA	EP	04 06 57.9							
05	RAT	EP	04 07 .6							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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05	AMA	IP C	04 31 42.9	37.6	.1					
05	ASD	EP	04 31 57.1	2.8	.1	2.67				
		ES	04 32 13.6							
05	ASB	EP	04 31 57.9	1.9	.1	2.51				
05	ASC	EP	04 31 58.5							

.....
 . 05 4 42 12.84 51.14 N 178.32 E DEPTH = 25.0 KM FIXED DEPTH SOLUTION
 . RAT ISLANDS, ALEUTIAN ISLANDS
 .

05	ANA	EP	04 42 23.5				59	23	.2	
		IS	04 42 30.8						-.1	
05	AND	EP	04 42 23.8				64	43	-.3	
05	ACB	EP	04 42 24.2				64	56	.1	
05	ASC	EP	04 42 24.6				69	58	-.1	
05	ASB	EP	04 42 24.8				69	69	.1	
05	RAT	IP D	04 42 25.3	6.6	.1	2.78	73	0	-.1	
05	ASD	EP	04 42 25.6				76	68	-.2	
05	SSI	EP	04 42 32.9				121	46	.4	

05	AMA	IP	05 19 34.0	71.4	.1					
05	ASD	EP	05 19 47.7	11.2	.1	3.32				
05	SSI	IP	05 19 48.4	6.3	.1					
05	ASB	EP	05 19 49.7	9.7	.1	3.29				
		ES	05 20 10.0							
05	ASC	EP	05 19 49.9							
05	AND	EP	05 19 52.9							
05	ANA	EP	05 19 55.5							
05	RAT	EP	05 19 58.4							

.....
 . 05 11 9 14.67 50.08 N 179.93 E DEPTH = 23.8 KM FREE DEPTH SOLUTION
 . RAT ISLANDS, ALEUTIAN ISLANDS
 .

05	ASD	EP	11 09 38.9	11.8	.1	3.30	152	344	-.1	
05	ASB	EP	11 09 38.9	5.4	.1	2.96	151	342	.1	
		ES	11 09 56.5						.1	
05	AMA	EP	11 09 38.9				151	26	.1	POOR P
05	ASC	EP	11 09 40.7				164	341	-.0	
05	AND	EP	11 09 42.3				179	338	-.3	
05	ANA	EP	11 09 44.5				194	333	-.0	
05	SSI	EP	11 09 45.7	9.3	.1		204	353	.0	
05	RAT	EP	11 09 48.3				222	330	.3	

.....
 . 05 11 59 28.22 51.70 N 176.02 E DEPTH = 75.0 KM FIXED DEPTH SOLUTION
 . RAT ISLANDS, ALEUTIAN ISLANDS
 .

05	RAT	IP D	11 59 52.2	49.7	.1	3.98	160	85	-.6	
05	ANA	EP	11 59 55.3				183	91	-.2	
05	AND	EP	11 59 57.9				203	93	-.1	
05	ASC	EP	11 59 59.4				219	96	-.5	
05	ASB	EP	12 00 1.3				227	98	.5	
05	ASD	EP	12 00 1.7	8.7	.2		232	97	.2	
		ES	12 00 25.8						-.0	
05	SSI	IP	12 00 4.0	17.7	.1		247	84	.8	

.....
 . 05 13 51 8.30 55.65 N 165.01 W DEPTH = 33.0 KM MB = 5.2 TELESEISMIC SOLUTION
 . FOX ISLANDS, ALEUTIAN ISLANDS
 .

05	NIK	EP	13 52 0.0				389	222		
05	ADK	EP	13 53 .8				876	246		
05	GMA	EP	13 53 27.1				1110	9		
05	ASD	EP	13 53 35.2				1139	252		TELESEISMIC

SEISMOLOGICAL BULLETIN (CGS-746-125)

PAGE 71-08- 27

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 05	ASB	EP	13 53 36.5				1147	252		
. 05	ASC	EP	13 53 36.5				1146	253		
. 05	AND	EP	13 53 37.1				1153	253		
. 05	ANA	EP	13 53 39.0				1167	254		

05	14 36	.84	51.08 N	179.68 E	DEPTH =	37.8 KM	FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
05	ASD	IP C	14 36	9.8	20.9	.1	3.15	42	326	-.1	
05	ASB	EP	14 36	10.2				43	316	.1	
		ES	14 36	16.3						-.5	
05	ACE	IP	14 36	10.9				50	315	-.0	
05	ACD	EP	14 36	11.5				54	316	.1	
05	ASC	IP C	14 36	11.7				56	320	.1	
05	ACB	IP	14 36	12.1				59	316	.0	
05	ACA	EP	14 36	12.2				59	319	.1	
05	ACC	IP	14 36	12.7				63	316	-.1	
05	AND	IP D	14 36	14.0				74	317	-.1	
05	AMA	IP C	14 36	15.9	8.6	.1	2.97	88	74	-.1	
05	SSI	IP D	14 36	16.6	16.1	.1	3.26	91	356	.2	
05	ANA	EP	14 36	17.0				93	311	.2	
05	RAT	EP	14 36	20.5				123	311	-.2	

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. 05 15 12 37.34 52.08 N 179.83 E DEPTH = 181.2 KM FREE DEPTH SOLUTION
. RAT ISLANDS, ALEUTIAN ISLANDS
.
. 05 SSI EP 15 13 1.5 3.4 .1 2.83 26 220 .0
. 05 ASD EP 15 13 3.6 4.5 .1 2.98 83 204 -.0
. 05 ASC EP 15 13 3.6 82 214 .0
. ES 15 13 22.7 -.0
. 05 AND EP 15 13 3.6 83 227 -.0
. 05 ASR EP 15 13 3.9 6.1 .1 3.12 89 207 -.0
. 05 ANA EP 15 13 4.4 95 239 .1
. 05 RAT EP 15 13 5.0 2.7 .1 2.79 108 254 -.1

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. 05      15 54 58.55 51.65 N 179.65 W DEPTH = 25.0 KM      FIXED DEPTH SOLUTION
.          DELAROF ISLANDS, ALEUTIAN ISLANDS
.
. 05      AMA IP      15 55 8.2      5.9 .1 2.63      55 137      -.3
. 05      SSI IP      15 55 9.1      5.4 .1 2.62      59 297      .1
. 05      ASD EP      15 55 11.8      3.5 .1 2.51      76 248      .4
. 05      ASB EP      15 55 12.9      83 247      .4
. 05      ASC EP      15 55 12.9      85 256      .1
. 05      AND EP      15 55 14.4      97 265      -.2
. 05      ANA EP      15 55 17.6      117 269      .0
.          ES      15 55 30.4      -1.0

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05	16 16 37.51	51.12 N 179.40 E	DEPTH = 28.9 KM					FREE DEPTH SOLUTION		
	RAT ISLANDS, ALEUTIAN ISLANDS									
05	ASB	IP C	16 16 44.2	4.9	.1	2.39	29	338	-0.0	
		ES	16 16 49.1						.0	
05	ASD	IP D	16 16 44.4	3.8	.1	2.29	31	352	.0	
05	ACE	IP C	16 16 44.9				35	333	-0.1	
05	ACD	EP	16 16 45.6				39	332	.2	
05	ACB	EP	16 16 46.0				44	331	-0.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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05 17 13 41.78 52.14 N 179.85 W DEPTH = 169.5 KM FREE DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS

05	SSI	EP	17 14 5.2	8.0	.1	3.19	47	234	.1	
05	ASD	EP	17 14 7.8	3.6	.1	2.89	101	214	-.0	
05	AND	EP	17 14 8.2				105	232	.1	
05	AMA	IP D	17 14 8.2	23.3	.1	3.70	108	151	-.2	
05	ASB	EP	17 14 8.3	5.1	.1	3.04	107	216	.0	
		ES	17 14 27.5						-.1	
05	ASC	IP	17 14 8.3				102	222	.4	
05	ANA	EP	17 14 9.0				117	241	-.0	
05	RAT	EP	17 14 9.7				130	254	-.3	

05 20 44 12.60 51.40 N 176.74 W DEPTH = 40.0 KM MB = 4.1 TELESEISMIC SOLUTION
ANDREANOF ISLANDS, ALEUTIANS ISLANDS

05	ADK	IP D	20 44 23.3				54	4	-.0	ML 3.7 FELT II
		IS	20 44 30.8						-.3	
05	AMA	EP	20 44 37.0	162.2	.1	4.48	165	267	-.4	
05	SSI	EP	20 44 49.4	77.6	.1		259	284	.4	
05	ASD	EP	20 44 51.0	70.1	.2		272	271	.4	
05	ASB	EP	20 44 52.0				279	271	.6	
		ES	20 45 21.4						1.6	
05	ASC	EP	20 44 52.8				284	273	.7	
05	AND	EP	20 44 54.6				299	275	.7	
05	ANA	EP	20 44 57.4				320	276	.9	
05	RAT	EP	20 45 .2				344	279	.8	

05 21 42 22.33 51.73 N 176.33 E DEPTH = 75.0 KM FIXED DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

05	RAT	EP	21 42 43.3	19.1	.1	3.52	138	86	-1.1	
05	ANA	EP	21 42 46.9				162	93	-.2	
05	AND	EP	21 42 50.0				182	95	.4	
05	ASC	EP	21 42 51.5				199	98	-.0	
05	ASB	EP	21 42 52.6	2.7	.1		206	100	.1	
05	ASD	EP	21 42 53.1	2.1	.1		212	99	-.1	
		IS	21 43 15.6						-.1	
05	SSI	EP	21 42 55.6	9.3	.1		225	84	.8	

05 21 45 43.01 50.94 N 179.21 E DEPTH = 23.0 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

05	ASB	IP	21 45 51.9	5.8	.1	2.57	47	3	.2	
		ES	21 45 58.0						.0	
05	ASD	IP	21 45 52.1	4.9	.1	2.52	52	11	-.2	
05	ASC	EP	21 45 53.3				59	357	-.0	
05	AND	EP	21 45 55.2				72	346	-.1	
05	SSI	EP	21 46 1.0	4.6	.1	2.77	110	14	.1	
05	ACE	EP	21 45 52.2				52	357	-.1	
05	ACD	EP	21 45 52.9				55	355	.1	
05	ACB	EP	21 45 53.4				59	352	.0	
05	ACC	EP	21 45 53.9				62	349	.1	

05 23 49 40.55 50.54 N 177.68 E DEPTH = 0.0 KM FIXED DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

05	ANA	EP	23 50 4.4				139	29	.4	
05	AND	EP	23 50 4.7				144	38	-.2	
05	ASB	EP	23 50 4.8	2.2	.1	2.54	143	50	.2	

PAGE 71-08- 29

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 05	ASC	IP C	23 50 5.1				146	45	.0	
. 05	RAT	EP	23 50 5.1	3.0	.1	2.69	147	18	-.2	
. 05	ASD	EP	23 50 5.5	1.7	.1	2.45	150	50	-.2	
		IS	23 50 24.0						-.0	
. 05	SSI	EP	23 50 13.4	4.9	.1		201	41	.0	
.....										
. 06	0 22 46.31	51.74 N 179.49 E DEPTH = 169.8 KM RAT ISLANDS, ALEUTIAN ISLANDS						FREE DEPTH SOLUTION		
. 06	ASD	EP	00 23 9.4				40	195	-.0	
		IS	00 23 26.3						-.0	
. 06	ASC	EP	00 23 9.4				38	217	.0	
. 06	ASB	EP	00 23 9.6	1.1	.1	2.32	45	202	.0	
. 06	ANA	EP	00 23 10.1				59	258	-.0	
.....										
. 06	2 6 41.67	52.14 N 178.78 W DEPTH = 50.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS						FIXED DEPTH SOLUTION		
. 06	AMA	EP	02 06 58.0				97	194	.0	
		IS	02 07 7.4						-2.5	
. 06	SSI	EP	02 06 59.6				115	257	-.6	
. 06	ASD	IP C	02 07 4.5	5.5	.1	2.99	154	238	-.4	
. 06	ASB	EP	02 07 5.7	10.9	.1	3.30	161	238	-.1	
		ES	02 07 20.2						-3.3	
. 06	ASC	EP	02 07 6.2				160	243	.5	
. 06	AND	EP	02 07 6.6				169	249	-.1	
. 06	ANA	EP	02 07 9.6				185	253	.8	
.....										
. 06	3 15 10.48	51.90 N 179.24 W DEPTH = 24.9 KM DELAROF ISLANDS, ALEUTIAN ISLANDS						FREE DEPTH SOLUTION		
. 06	AMA	IP D	03 15 22.5	15.7	.1	3.13	69	172	.1	
. 06	SSI	IP D	03 15 24.1	9.3	.1	2.96	80	270	.1	
. 06	ASD	IP	03 15 28.8	15.3	.1	3.30	113	240	-.2	
. 06	ASC	EP	03 15 29.9				120	247	-.1	
. 06	ASB	IP	03 15 30.0				121	241	-.1	
		ES	03 15 44.6						.2	
. 06	AND	IP D	03 15 31.0				130	254	-.5	
. 06	ANA	EP	03 15 34.8				148	259	.6	
. 06	RAT	IP	03 15 36.9	3.3	.1	2.79	167	267	.0	
.....										
. 06	5 41 31.19	51.40 N 179.23 E DEPTH = 27.7 KM RAT ISLANDS, ALEUTIAN ISLANDS						FREE DEPTH SOLUTION		
. 06	ASB	IP	05 41 35.8	7.5	.1	2.42	5	166	-.0	
. 06	ACE	EP	05 41 35.8				4	271	.0	
. 06	ASD	EP	05 41 35.9				8	98	-.0	
. 06	ACD	IP	05 41 35.9				7	295	-.0	
. 06	ASC	IP	05 41 36.0				8	326	.1	
. 06	ACB	IP	05 41 36.1				12	305	-.1	
. 06	ACA	EP	05 41 36.2				12	319	.1	
. 06	AND	EP	05 41 37.4				26	313	-.1	
. 06	ANA	EP	05 41 40.1				47	303	.0	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
06	8 8	35.39	51.00 N 179.17 E	DEPTH = 28.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
.....										
06	ASB	IP	08 08 43.5	17.0	.1	3.01	40	8	.1	
		IS	08 08 49.2						-.1	
06	ASD	IP	08 08 43.8				45	16	-.3	
06	ACE	EP	08 08 43.9				44	0	-.1	
06	ACD	EP	08 08 44.5				48	357	.1	
06	ASC	IP	08 08 45.0				51	360	.1	
06	ACB	EP	08 08 45.0				52	354	.0	
06	ACA	EP	08 08 45.5				54	356	.3	
06	AND	EP	08 08 46.7				64	347	-.0	
06	ANA	EP	08 08 48.7				78	333	-.0	
06	SSI	EP	08 08 52.5	5.9	.1	2.86	103	16	.0	
06	RAT	EP	08 08 52.8				106	327	-.1	
.....										
06	9 52	22.11	52.37 N 179.46 E	DEPTH = 155.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
.....										
06	AND	EP	09 52 46.3				96	201	-.1	
06	RAT	EP	09 52 46.6	2.2	.1	2.64	100	231	-.1	
		ES	09 53 4.5						-.1	
06	ANA	EP	09 52 46.8				99	214	.2	
06	ASC	EP	09 52 47.1				103	191	.2	
06	ASD	EP	09 52 47.2	3.1	.1	2.80	109	184	-.1	
		ES	09 53 5.8						.1	
06	ASB	EP	09 52 47.5	2.7	.1	2.75	113	187	-.1	
.....										
06	11 1	3.97	51.50 N 179.65 E	DEPTH = 20.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
.....										
06	ASD	IP C	11 01 9.2	31.8	.1	3.11	25	240	-.2	
06	ASB	IP C	11 01 10.4				32	241	.1	
		IS	11 01 15.1						.1	
06	ASC	IP D	11 01 10.6				34	263	.0	
06	ACE	IP	11 01 10.8				35	251	.1	
06	ACA	IP	11 01 11.0				37	256	-.0	
06	ACD	IP	11 01 11.0				37	257	.0	
06	ACB	IP	11 01 11.3				39	254	-.0	
06	ACC	IP	11 01 11.8				42	267	.0	
06	SSI	IP	11 01 12.0	59.8	.1	3.55	44	354	.0	
06	ACF	IP	11 01 12.2				46	273	-.0	
06	AND	IP D	11 01 12.6				49	278	-.1	
06	ANA	IP C	11 01 15.9				70	282	.1	
06	AMA	IP	11 01 18.8	16.2	.1	3.24	89	105	.0	
06	RAT	EP	11 01 19.9	1.9	.1	2.33	97	290	-.0	
.....										
06	AMA	IP	11 44 57.5	4.3	.1					
06	RAT	EP	11 44 59.0	3.6	.1					
06	ASD	IP	11 45 3.9	5.3	.1	2.88				
06	ASB	EP	11 45 5.0	9.2	.1	3.14				
		ES	11 45 19.6							
06	ACA	IP	11 45 5.2							
06	ASC	EP	11 45 5.3							
06	ACB	EP	11 45 5.5							
06	ACE	EP	11 45 5.5							
06	AND	EP	11 45 5.9							
06	ANA	EP	11 45 9.0							

PAGE 71-08- 31

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
06	16 22 25.40		51.32 N 179.45 W			DEPTH = 0.0 KM				FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
06	AMA	IP	16 22 29.9	73.5	.1	3.36	24	99	.2	
06	ASD	IP	16 22 40.6	10.6	.1	3.02	85	276	-.0	
		IS	16 22 53.0						1.3	
06	ASB	EP	16 22 41.5	19.4	.1	3.31	91	273	-.1	
06	SSI	IP	16 22 42.2				92	314	.5	
06	ASC	EP	16 22 42.7				98	280	.1	
06	AND	EP	16 22 45.0				114	284	-.1	
06	ANA	EP	16 22 48.1				135	285	-.2	
06	RAT	EP	16 22 51.5	1.6	.1	2.46	163	290	-1.0	
06	20 28 20.89		50.13 N 179.46 E			DEPTH = 24.6 KM				FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
06	ASB	EP	20 28 43.4	2.9	.1	2.66	138	354	.2	
		IS	20 28 59.2						-.2	
06	ASD	EP	20 28 43.6	6.4	.1	3.01	141	357	.0	
06	ASC	EP	20 28 44.8				150	352	-.2	
06	AMA	EP	20 28 46.6	2.4	.1	2.64	164	37	-.3	
06	AND	EP	20 28 46.7				164	347	-.2	
06	ANA	EP	20 28 48.0				176	342	-.4	
06	SSI	IP	20 28 51.8	10.7	.1	3.36	197	2	.8	
06	RAT	EP	20 28 51.8				203	337	.1	
06	21 42 54.63		51.66 N 179.58 E			DEPTH = 82.4 KM				FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
06	SSI	EP	21 43 6.9				26	2	-.0	
06	ASD	IP	21 43 7.3	4.2	.1	2.64	34	209	.0	
06	ASC	EP	21 43 7.4				36	233	.0	
06	ACE	IP	21 43 7.5				40	224	-.1	
06	ASB	IP	21 43 7.6	6.3	.1	2.82	40	215	-.0	
		ES	21 43 17.0						-.1	
06	ACB	IP D	21 43 7.7				40	237	.1	
06	ACC	IP	21 43 7.8				42	243	.1	
06	AND	EP	21 43 8.0				44	256	.1	
06	ANA	EP	21 43 9.5				63	267	.2	
06	RAT	IP	21 43 11.3	2.2	.1	2.47	87	281	-.2	
06	AMA	IP	21 43 12.8	3.6	.1	2.72	100	114	-.0	
06	22 3 1.64		52.20 N 178.65 W			DEPTH = 184.5 KM				FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
06	AMA	EP	22 03 29.7	3.3	.1	2.88	107	198	.0	
		ES	22 03 50.1						-.0	
06	SSI	IP	22 03 31.0				125	255	.0	
06	ASD	EP	22 03 34.0	4.6	.1	3.08	165	238	-.1	
06	ASB	EP	22 03 34.8	5.1	.1	3.13	172	238	.0	
		ES	22 03 59.0						.0	
06	ASC									

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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06	22 20 46.69	50.94 N 179.27 E		DEPTH = 50.0 KM		FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										

06	ASB	EP	22 20 57.2				47	358	-0.0	
		ES	22 21 4.8						-0.1	
06	ASD	EP	22 20 57.4	3.5	.1	2.47	51	5	-0.2	
06	ASC	EP	22 20 58.7				59	353	.2	
06	AND	EP	22 21 .2				73	342	.1	
06	ANA	EP	22 21 1.7				88	331	-0.2	

06	ADK	EP D	23 02 44.0							
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07	0 21 27.44	51.01 N 179.19 E		DEPTH = 34.0 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										

07	ASB	IP D	00 21 35.9	702.9	.2	4.35	40	5	.0	
		IS	00 21 41.6						-0.4	
07	ASD	IP D	00 21 36.3				44	13	-0.1	
07	ACE	IP	00 21 36.4				44	358	-0.0	
07	ACD	IP	00 21 37.0				47	355	.2	
07	ASC	IP C	00 21 37.0				51	358	-0.3	
07	ACB	IP	00 21 37.5				51	352	.1	
07	ACA	IP	00 21 37.7				53	354	.1	
07	ACC	IP	00 21 37.9				54	349	.2	
07	ACF	IP	00 21 38.6				60	346	.1	
07	AND	IP D	00 21 39.2				64	345	.1	
07	ANA	IP D	00 21 41.1				78	332	-0.0	
07	SSI	IP D	00 21 44.8	84.2	.1	4.02	102	15	.2	
07	RAT	IP C	00 21 44.9				107	326	-0.3	
07	AMA	IP C	00 21 47.4				123	75	-0.1	

07	0 33 31.89	50.99 N 179.16 E		DEPTH = 25.0 KM		FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										

07	ASB	IP D	00 33 39.9	15.7	.1	2.97	42	8	-0.0	
		IS	00 33 45.6						-0.2	
07	ASD	IP D	00 33 40.2				47	15	-0.4	
07	ACE	IP	00 33 40.5				46	1	.0	
07	ACD	EP	00 33 41.0				49	358	.1	
07	ASC	IP	00 33 41.6				53	360	.1	
07	ACB	IP	00 33 41.8				53	354	.3	
07	ACA	IP	00 33 42.0				55	357	.2	
07	ACC	IP	00 33 42.0				56	351	.1	
07	ACF	EP	00 33 42.7				61	349	.1	
07	AND	EP	00 33 43.2				66	347	-0.1	
07	ANA	EP	00 33 45.2				79	334	-0.1	
07	SSI	EP	00 33 49.1	7.1	.1	2.94	105	16	-0.0	
07	RAT	EP	00 33 49.3	3.0	.1	2.58	107	328	-0.2	

07	AMA	EP	01 00 13.2	27.7	.2					
07	SSI	EP	01 00 25.8							
07	ASD	EP	01 00 27.9	4.2	.2					
07	ASB	EP	01 00 28.9	8.2	.2					
		ES	01 00 59.3							
07	ASC	EP	01 00 29.3							
07	AND	EP	01 00 31.4							
07	ANA	EP	01 00 33.7							
07	RAT	EP	01 00 36.6							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
07	2 13	46.92	51.00 N 179.22 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ASB	EP	02 13 54.8	4.6	.1	2.43	40	3	.1	
		ES	02 14 .4						-.0	
07	ASD	EP	02 13 55.1	4.5	.1	2.45	45	11	-.2	
07	ACE	EP	02 13 55.4				45	356	.0	
07	ACD	EP	02 13 56.0				48	353	.2	
07	ASC	EP	02 13 56.4				52	356	.1	
07	ACB	EP	02 13 56.6				53	350	.2	
07	ACC	EP	02 13 56.7				56	347	-.2	
07	AND	EP	02 13 58.1				66	344	-.2	
.....										
07	2 49	59.94	51.02 N 179.31 E	DEPTH = 30.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ASB	IP C	02 50 7.9	3.9	.1	2.37	39	353	-.0	
		ES	02 50 13.7						-.0	
07	ASD	IP C	02 50 8.3	3.4	.1	2.32	42	3	-.0	
07	ASC	EP	02 50 9.5				51	348	-.0	
.....										
07	3 7	36.13	51.72 N 179.86 W	DEPTH = 79.2 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
07	ASD	EP	03 07 50.7	5.6	.1	2.82	66	237	-.1	
		ES	03 08 1.4						-.0	
07	ASB	EP	03 07 51.3				73	238	-.1	
07	ASC	EP	03 07 51.5				73	248	.1	
07	ACA	EP	03 07 51.6				75	250	-.0	
07	ACD	EP	03 07 51.8				76	246	.1	
07	ACB	EP	03 07 51.9				78	249	.0	
07	AND	EP	03 07 52.4				84	259	-.0	
07	ANA	EP	03 07 54.5				102	265	.1	
07	RAT	EP	03 07 56.7				125	275	-.1	
.....										
07	3 20	55.33	51.61 N 178.93 E	DEPTH = 75.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	AND	EP	03 21 6.2				6	162	-.0	
07	ANA	EP	03 21 6.6				19	276	.1	
07	ASC	EP	03 21 7.1				23	135	.4	
07	ASB	EP	03 21 7.2	1.9	.1	2.27	36	141	-.1	
		ES	03 21 15.9						-.1	
07	ASD	EP	03 21 7.3	2.1	.1	2.31	38	130	-.1	
07	RAT	EP	03 21 7.9				46	297	-.1	
07	SSI	IP	03 21 8.7	2.9	.1	2.49	55	55	-.0	
.....										
07	5 34	39.99	51.99 N 178.19 E	DEPTH = 143.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	RAT	IP D	05 34 59.4	7.4	.1	3.08	24	156	-.1	
07	ANA	EP	05 35 .5				52	141	.1	
07	AND	EP	05 35 1.4				71	132	-.0	
07	ASC	EP	05 35 2.8				89	131	.2	
07	ASB	EP	05 35 3.4	1.2	.1	2.36	101	134	-.1	
07	ASD	EP	05 35 3.5	1.1	.1	2.33	104	130	-.1	
		ES	05 35 20.9						-.0	
.....										
07	AMA	IP D	06 21 11.9							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
-------------	-----	-------	---------------	-------------	--------------	-----	--------------	--------------	--------------	---------

07	ASD	EP	06 21 24.3	7.0	.2	2.76				
		ES	06 21 40.7							
07	ASB	EP	06 21 25.1							
07	ASC	EP	06 21 26.5							
07	SSI	EP	06 21 26.6							
07	AND	EP	06 21 29.3							
07	ANA	EP	06 21 32.4							
07	RAT	EP	06 21 35.6							

07	ADK	EP C	07 04 1.9							
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.....										
07	7 48 55.23	50.96 N 179.02 E DEPTH = 37.5 KM					FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ASB	EP	07 49 4.9	6.8	.1	2.69	48	20	-.1	
07	ACF	IP	07 49 5.3				51	12	-.0	
07	ACD	EP	07 49 5.7				53	9	.1	
07	ASD	EP	07 49 5.7	8.8	.1	2.83	53	25	.0	
		IS	07 49 13.3						.0	
07	ACB	IP	07 49 6.1				57	5	.0	
07	ACC	IP	07 49 6.3				59	2	-.1	
07	ASC	IP	07 49 6.3				57	10	.1	
07	AND	IP	07 49 7.4				68	356	-.2	
07	ANA	EP	07 49 9.2				79	342	.1	

.....										
07	9 38 3.62	51.84 N 178.92 W DEPTH = 50.0 KM					FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
07	ASD	EP	09 38 23.8	3.2	.1	2.70	130	248	-.2	
07	ASB	EP	09 38 24.9				138	248	.0	
		ES	09 38 40.4						.0	
07	ASC	EP	09 38 25.5				139	253	.5	
07	AND	EP	09 38 25.9				150	259	-.5	
07	ANA	EP	09 38 28.9				168	263	.2	

.....										
07	10 23 29.36	50.76 N 179.36 W DEPTH = 29.2 KM					FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
07	AMA	IP D	10 23 40.6				61	17	.3	
07	ASD	EP	10 23 47.7	15.8	.1	3.32	114	308	-.4	
07	ASB	EP	10 23 48.8				118	305	.2	
		ES	10 24 3.2						.5	
07	ASC	EP	10 23 49.9				129	308	-.4	
07	SSI	EP	10 23 51.9				145	330	-.8	
07	AND	EP	10 23 53.0				147	308	.1	
07	ANA	EP	10 23 55.7				168	306	.2	
07	RAT	EP	10 23 59.7				198	306	.6	

07	AMA	IP D	10 55 34.6	90.8	.1					
07	ASD	EP	10 55 47.7	6.3	.1	3.05				
07	ASB	EP	10 55 48.9	7.3	.1	3.13				
		ES	10 56 7.6							
07	ASC	EP	10 55 49.9							
07	SSI	IP	10 55 50.2	48.8	.1					
07	AND	EP	10 55 52.9							
07	ANA	EP	10 55 56.0							
07	RAT	EP	10 55 58.6							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
07	14	0	53.76	51.05 N 179.77 E DEPTH = 39.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ASD	IP D	14 01 3.7	51.8	.1	3.59	48	321	.0	
07	ASB	IP D	14 01 4.0	53.3	.1	3.61	50	313	.1	
07	ACE	IP	14 01 4.8				57	313	-.0	
07	ACD	IP	14 01 5.4				61	313	.1	
07	ASC	IP C	14 01 5.7				62	317	.2	
07	ACB	IP	14 01 6.0				66	314	.0	
07	ACA	IP	14 01 6.2				66	316	.2	
07	ACC	IP	14 01 6.5				70	314	-.0	
07	ACF	IP	14 01 7.3				76	314	-.0	
07	AND	IP D	14 01 7.9				80	315	-.1	
		IS	14 01 17.9						-.5	
07	AMA	IP	14 01 8.1	25.9	.1	3.44	82	71	-.2	
07	SSI	IP	14 01 10.1	55.4	.1	3.81	94	352	.2	
07	ANA	EP	14 01 10.5				100	310	-.1	
07	RAT	IP	14 01 14.2				130	310	-.1	
.....										
07	SSI	IP C	14 44 26.3	8.5	.1	2.59				
		IS	14 44 30.3							
07	ASD	EP	14 44 29.8							
07	ASB	EP	14 44 30.8	2.7	.1	2.35				
		ES	14 44 38.4							
07	ASC	EP	14 44 32.0							
07	ADK	EP	15 13 16.7							
.....										
07	15	39	44.34	51.03 N 179.37 E DEPTH = 31.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ASB	IP D	15 39 52.3	5.1	.1	2.48	38	347	-.0	
		ES	15 39 58.1						-.0	
07	ASD	IP	15 39 52.6	4.2	.1	2.41	40	357	-.0	
07	ASC	EP	15 39 53.9				50	343	-.0	
.....										
07	AMA	IP	15 54 52.5	14.2	.2					
07	ASD	EP	15 55 2.9	2.5	.1					
07	ASB	EP	15 55 3.4	3.9	.1					NO S.
07	ASC	EP	15 55 4.0							
07	AND	EP	15 55 4.8							
07	ANA	EP	15 55 7.1							
.....										
07	16	7	3.16	51.00 N 179.24 E DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ASB	IP D	16 07 11.0	7.7	.1	2.65	41	1	-.0	
		ES	16 07 16.7						-.0	
07	ASD	IP C	16 07 11.3	7.3	.1	2.66	45	9	-.3	
07	ACE	EP	16 07 11.7				45	354	.0	
07	ACD	EP	16 07 12.2				49	352	.1	
07	ACB	EP	16 07 12.7				53	349	-.0	
07	ASC	EP	16 07 12.7				52	354	.1	
07	SSI	EP	16 07 20.3				103	14	.2	
.....										
07	18	4	11.35	51.61 N 179.63 E DEPTH = 90.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ASD	EP	18 04 24.8	2.2	.1	2.39	31	219	.1	
07	ACA	EP	18 04 24.9				38	248	-.2	
07	ACE	EP	18 04 25.0				39	234	-.1	
07	ACD	EP	18 04 25.1				39	240	-.0	

PAGE 71-08- 36

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 07	ASB	EP	18 04 25.1	1.4	.1	2.20	38	224	.0	
.		ES	18 04 35.1						.0	
. 07	ASC	EP	18 04 25.1				36	243	.1	
. 07	ACB	IP	18 04 25.3				41	247	.1	
. 07	AND	EP	18 04 25.5				47	264	-.1	
. 07	ANA	EP	18 04 27.1				67	272	.1	
.....										
07	RAT	IP	22 38 24.3							
07	ANA	EP	22 38 27.7							
07	AND	EP	22 38 30.0							
07	ASC	EP	22 38 32.6							
07	ASB	EP	22 38 33.2							
		ES	22 39 3.4							
07	ASD	EP	22 38 34.0	132.3	.2					
07	SSI	IP	22 38 35.5							
07	AMA	EP	22 38 49.0							
.....										
. 08	0 17 53.12	51.97 N 179.42 E DEPTH = 124.4 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 08	SSI	EP	00 18 10.1	4.4	.1	2.79	14	127	-.0	
. 08	AND	EP	00 18 11.4				56	216	-.2	DO
. 08	ASD	EP	00 18 12.0				65	185	-.1	FROM BRUSH RCOR
. 08	ASB	EP	00 18 12.1				69	190	-.3	DO
. 08	ASC	EP	00 18 12.1				59	198	.3	DO
. 08	ANA	EP	00 18 12.7				65	234	.6	NO
. 08	RAT	IP	00 18 12.7	3.8	.1	2.79	77	256	-.3	
. 08	AMA	EP	00 18 17.1	3.3	.1	2.80	127	126	.0	
.....										
. 08	1 17 30.98	51.47 N 179.46 E DEPTH = 37.8 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 08	ASD	EPG	01 17 37.1	1.0	.1	1.68	12	224	-.3	
. 08	ASB	EPG	01 17 37.8	.7	.1	1.56	19	231	-.0	
.		ES	01 17 42.5						-.3	
. 08	ASC	EPG	01 17 38.1				21	268	.2	
. 08	ACD	EPG	01 17 38.4				23	259	.3	
. 08	ACB	EPG	01 17 38.5				26	268	.2	
. 08	AND	EPG	01 17 39.3				37	286	-.2	
. 08	ACF	EPG	01 17 39.3				33	281	.2	
. 08	RAT	E(P)	01 17 45.7	1.3	.1	2.15	86	295	-.3	
.....										
. 08	1 33 44.27	51.98 N 178.23 E DEPTH = 118.6 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 08	RAT	IPGD	01 34 .6	14.7	.2	3.00	21	161	-.1	
.		ES	01 34 12.5						-.2	
. 08	ANA	IP	01 34 1.9				49	143	.1	
.		IS	01 34 14.9						.4	
. 08	AND	IP	01 34 2.8				68	133	-.1	
. 08	ASC	EP	01 34 4.4				86	131	.2	
. 08	SSI	IP	01 34 4.8	2.4	.1	2.60	94	95	.0	
. 08	ASD	EP	01							

PAGE 71-08- 37

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
08	3 27	9.03	51.20 N 178.43 E				25.0 KM			FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
08	ANA	IPG	03 27 18.4				50	19	.2	
08	AND	EPG	03 27 18.7				54	42	-.1	
08	ACB	EPG	03 27 18.9				55	58	.1	
08	ACE	EPG	03 27 19.0				56	67	-.1	
08	ACD	EPG	03 27 19.1				55	63	.1	
08	ACC	EPG	03 27 19.2				53	54	.6	
08	ASB	EPG	03 27 19.4	31.3	.1	3.38	60	73	-.2	
08		ES	03 27 26.6						-.7	
08	ACA	EPG	03 27 19.5				57	57	.3	
08	ASC	EPG	03 27 19.6				59	60	.1	
08	RAT	IPGD	03 27 20.1	14.8	.1	3.10	67	354	-.5	
08	ASD	EPG	03 27 20.4	10.9	.1	2.97	67	72	-.3	
08	SSI	EPG	03 27 27.3	5.6	.1	2.86	111	46	.1	
		F(S)	03 27 40.5						.0	
08	4 42	1.01	51.66 N 178.82 E				76.9 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
08	AND	IPGC	04 42 12.3				14	140	.1	
		ES	04 42 20.4						-.0	
08	ANA	IPGD	04 42 12.3				12	251	.1	
08	ACB	EPG	04 42 12.8				29	139	.0	
08	ACA	EPG	04 42 12.9				29	134	.1	
08	ACD	EPG	04 42 13.0				34	139	-.0	
08	ASC	EPG	04 42 13.1				32	132	.1	
08	RAT	IPG	04 42 13.1	14.9	.1	3.17	37	295	-.1	
08	ACE	EPG	04 42 13.1				38	140	-.2	
08	ASB	EPG	04 42 13.6	3.1	.1	2.50	45	138	-.1	QS
		ES	04 42 23.0						-.0	
08	ASD	EPG	04 42 13.9	3.1	.1	2.50	47	129	.0	
08	SSI	IPGC	04 42 14.9	5.3	.1	2.77	59	64	.1	
		IS	04 42 24.8						-.1	
08	4 44	33.94	52.11 N 179.32 W				59.0 KM			FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
08	SSI	EPG	04 44 48.0	1.5	.1	2.21	79	253	-.1	
		IS	04 44 58.1						-.2	
08	ASD	IP	04 44 52.9	2.8	.1	2.62	122	230	-.4	
08	ASB	EP	04 44 54.0	9.5	.2	2.87	130	230	-.2	QP, QS.
		ES	04 45 9.2						.2	
08	ASC	EP	04 44 54.5				127	236	.6	
08	AND	EP	04 44 54.9				134	244	.2	
08	5 57	46.37	51.73 N 177.11 E				38.3 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
08	RAT	IP	05 58 1.5				85	84	.4	WHITE OUT
		ES	05 58 11.5						-.4	
08	ANA	IP C	05 58 4.4				108	95	.2	QDIR
08	AND	IP	05 58 6.6				129	97	-.2	
08	ASC	EP	05 58 9.0				145	101	.1	
08	ASB	IP D	05 58 9.8	7.9	.1	3.14	154	104	-.1	QS
		ES	05 58 27.2						.1	
08	ASD	IP D	05 58 10.5							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
08	AMA	IPGD	07 26 .8	259.0	.3					QTAMP
08	ADK	EP D	07 26 6.2							
		ES	07 26 20.1							
08	ASD	EP	07 26 14.8	40.3	.2					
08	SSI	IP	07 26 15.8	53.2	.1	4.03				QS
		ES	07 26 36.3							
08	ASB	EP	07 26 15.8	34.6	.2					QS
		ES	07 26 39.3							
08	ASC	EP	07 26 16.9							
08	AND	EP	07 26 19.9							QP
08	ANA	EP	07 26 22.6							QP
08	RAT	EP	07 26 25.7	43.4	.3					

.....
 . 08 7 29 21.05 51.91 N 179.14 W DEPTH = 75.0 KM FIXED DEPTH SOLUTION
 . DELAROF ISLANDS, ALEUTIAN ISLANDS

. 08	AMA	EP	07 29 35.6	3.5	.1	2.61	69	178	.0	
		ES	07 29 43.4						-2.8	
. 08	ASD	EP	07 29 40.6	1.4	.1	2.34	119	242	-.3	QS
		ES	07 29 55.3						-.1	
. 08	ASB	EP	07 29 41.8	1.9	.1	2.49	127	242	.0	QS
		ES	07 29 57.0						.1	
. 08	ASC	EP	07 29 42.3				127	248	.5	
. 08	AND	EP	07 29 42.7				137	255	-.2	

08	RAT	EP	07 45 57.9	1.4	.1					
08	ANA	EP	07 45 59.2							QS
		E(S)	07 46 10.9							
08	ASD	EP	07 46 2.3							

.....
 . 08 8 20 19.34 50.62 N 179.56 W DEPTH = 75.0 KM FIXED DEPTH SOLUTION
 . DELAROF ISLANDS, ALEUTIAN ISLANDS

. 08	ASD	EP	08 20 38.0	.7	.1	2.03	115	318	-.7	QS
		ES	08 20 52.4						-.4	
. 08	ASB	EP	08 20 39.6	1.1	.1	2.23	117	315	.6	VQP.QS
		ES	08 20 53.7						.4	
. 08	ASC	EP	08 20 40.2				129	317	-.1	
. 08	SSI	EP	08 20 43.3	4.9	.1	2.96	153	338	.2	

.....
 . 08 9 36 52.43 51.55 N 179.95 E DEPTH = 151.1 KM FREE DEPTH SOLUTION
 . RAT ISLANDS, ALEUTIAN ISLANDS

. 08	ASD	EP	08 37 13.5	.7	.1	2.09	45	248	-.0	VERY POOR
. 08	ASB	EP	08 37 13.8	1.2	.1	2.32	53	247	-.0	
		E(S)	08 37 29.4						-.0	
. 08	ASC	EP	08 37 13.9				55	261	-.0	

.....
 . 08 9 33 56.73 51.51 N 175.47 W DEPTH = 125.0 KM FIXED DEPTH SOLUTION
 . ANDREANOF ISLANDS, ALEUTIAN ISLANDS

. 08	SSI	EP	09 34 44.8	1.7	.1		343	279	.0	QS
		E(S)	09 35 19.9						.0	
. 08	ASD	EP	09 34 46.6	2.5	.2		360	270	-.1	
. 08	ASB	EP	09 34 47.7	3.4	.2		367	270	.1	
. 08	AND	EP	09 34 49.9				386	273	.0	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
.....										
08	11 13	7.36	51.50 N 177.75 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
08	RAT	IPG	11 13 18.4	4.4	.1	2.57	52	50	-.0	
		ES	11 13 26.3						-.2	
08	ANA	IPG	11 13 19.9				65	77	.1	
		ES	11 13 29.5						.7	
08	AND	IPG	11 13 21.7				83	85	-.3	
		ES	11 13 32.2						-.5	
08	ASC	EPG	11 13 24.3				98	92	.5	QP
08	ASB	EPG	11 13 24.5	.8	.1	2.02	105	98	-.1	
08	ASD	EPG	11 13 25.2	.6	.1	1.89	111	95	-.2	
.....										
08	ASD	EP	12 03 27.2	.3	.1	1.45				VQP
		ES	12 03 36.7							
08	SSI	EPG	12 03 30.3	3.7	.1	2.64				
		ES	12 03 41.6							
.....										
08	13 15	26.31	50.90 N 179.20 E	DEPTH = 12.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
08	ASB	EP	13 15 35.4	2.9	.2	1.97	52	4	.1	
		E(S)	13 15 41.9						-.0	
08	ASD	EP	13 15 35.9	.8	.1	1.76	56	10	-.1	
08	ACE	EP	13 15 36.0				56	358	.0	
08	ASC	EP	13 15 37.0				63	358	-.0	
08	SSI	E(P)	13 15 44.8	1.5	.1	2.29	114	14	.0	
.....										
08	13 23	41.76	50.91 N 179.25 E	DEPTH = 20.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
08	ASB	IPG	13 23 50.9	14.1	.2	2.67	51	360	.1	
		ES	13 23 57.4						.0	
08	ASD	EPG	13 23 51.2	3.4	.1	2.37	54	7	-.2	
08	ACE	EPG	13 23 51.6				55	354	.1	
08	ACD	EPG	13 23 52.1				59	352	.1	
08	ASC	EPG	13 23 52.5				62	354	-.0	
08	ACB	EPG	13 23 52.6				63	350	-.0	
08	ACC	EPG	13 23 53.0				66	347	-.1	
08	AND	EPG	13 23 54.6				76	344	.0	QP
08	SSI	E(P)	13 24 .1	3.0	.1	2.59	112	12	.1	
.....										
08	14 26	23.93	51.13 N 179.83 W	DEPTH = 37.6 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
08	AMA	EPG	14 26 34.4	9.3	.2	2.56	54	70	-.0	
08	ASD	EPG	14 26 35.8	2.7	.1	2.37	64	297	-.1	
08	ASB	EPG	14 26 36.4	2.3	.1	2.33	69	292	-.1	
		E(S)	14 26 45.7						.1	
08	ASC	EP	14 26 38.1				79	298	.2	
08	SSI	EP	14 26 40.0	5.6	.1	2.81	94	335	-.0	
08	AND	EP	14 26 40.3				97	300	-.2	
08	ANA	EP	14 26 43.2				118	298	.0	
.....										
08	14 33	.51	50.99 N 179.98 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
08	ASD	EP	14 33 12.6	.6	.1	1.73	65	313	-.4	
08	ASB	EP	14 33 13.5	.5	.1	1.69	68	307	.2	
08	ASC	EP	14 33 14.9				80	311	.2	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 08	SSI	EP	14 33 17.8	1.1	.1	2.16	105	343	.1	
.		E(S)	14 33 30.3						-.0	
.....										
. 08	14 40 24.54	50.97 N 179.30 W DEPTH = 20.3 KM						FREE DEPTH SOLUTION		
.		DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 08	AMA	IPGD	14 40 31.7	82.7	.2	3.34	38	20	.0	
.		ES	14 40 36.9						.0	
. 08	ASD	EP	14 40 41.8	4.8	.1	2.77	106	297	-.1	
. 08	ASB	EP	14 40 42.4	3.9	.2	2.40	111	294	-.2	
. 08	ASC	EP	14 40 43.9				120	298	-.1	
. 08	SSI	EP	14 40 45.2	6.8	.1	3.00	129	323	-.1	
. 08	AND	EP	14 40 47.2				139	299	.4	
. 08	RAT	EP	14 40 54.0	2.9	.2	2.48	189	300	-.0	QP
.....										
08	AMA	EP	14 50 18.6	8.0	.1	2.81				
		IS	14 50 26.1							
08	ASD	EP	14 50 32.9	1.1	.1					QP
08	SSI	EP	14 50 34.3	3.2	.1					
08	AMA	IPGD	14 59 18.8							WHITE OUT
08	ASD	EP	14 59 34.1	9.0	.1	3.09				
		ES	14 59 47.5							
08	SSI	EP	14 59 35.0	51.0	.1					
		E	14 60 21.1							
08	ASB	EP	14 59 35.2	7.7	.1	3.05				
		ES	14 59 49.5							
08	ASC	EP	14 59 36.1							
08	AND	EP	14 59 38.6							
08	ANA	EP	14 59 41.7							
08	RAT	EP	14 59 44.8	4.9	.1					QP
08	ASD	EP	16 10 8.5	.4	.1	1.87				QP
08	ASC	EP	16 10 8.7							
08	ASB	EP	16 10 8.9	1.1	.1	2.30				QS
		ES	16 10 26.9							
08	ANA	EP	16 10 9.4							QP
08	RAT	EP	16 10 10.1	.8	.1					QP
08	SSI	EP	16 10 15.0	.7	.1					QP
.....										
. 08	17 1 32.50	51.70 N 176.43 W DEPTH = 66.0 KM MR = 3.9						TELESEISMIC SOLUTION		
.		ANDREANOF ISLANDS, ALEUTIANS ISLANDS								
. 08	AOK	IP D	17 01 42.7				28	320	-.3	3.3ML D 0.5
.		ES	17 01 50.3						-.3	
. 08	AMA	IP D	17 02 .6	84.8	.1	4.27	191	257	-.0	
.		ES	17 02 22.6						1.5	
. 08	SSI	IP	17 02 11.5	31.0	.1		275	276	.6	
.		E(S)	17 02 43.4						4.5	
. 08	ASD	EP	17 02 13.9	24.4	.1		295	265	.6	
. 08	ASB	EP	17 02 14.9	28.9	.1		302	265	.7	
.		ES	17 02 47.2						2.6	
. 08	ASC	EP	17 02 15.7				306	267	1.0	
. 08	AND	EP	17 02 17.4				320	269	1.1	
. 08	ANA	EP	17 02 17.9				339	271	-.8	
. 08	RAT	EP	17 02 22.4	17.4	.1		362	274	.9	
.....										
. 08	18 47 54.08	50.99 N 179.16 E DEPTH = 25.0 KM						FIXED DEPTH SOLUTION		
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 08	ASB	IPGD	18 48 2.2	14.0	.1	2.92	42	8	.1	
.		IS	18 48 8.0						.0	
. 08	ASD	IPGD	18 48 2.5	13.6	.1	2.94	47	15	-.3	

PAGE 71-08- 41

AUG 1971	STA	PHASE	TIME (GMT)		AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 08	ACE	IPGC	18 48	2.7				46	1	.0	
. 08	ACD	IPG	18 48	3.2				49	358	.1	
. 08	ASC	IPG	18 48	3.9				53	0	.3	
. 08	ACB	IPGC	18 48	3.8				53	355	.1	
. 08	ACA	EPG	18 48	4.2				55	357	.2	
. 08	ACC	EPG	18 48	4.2				56	351	.1	
. 08	ACF	EPG	18 48	4.9				61	349	.1	
. 08	AND	EPG	18 48	5.4				66	347	-.1	
. 08	ANA	EPG	18 48	7.6				79	334	.1	
. 08	SSI	EPG	18 48	11.3	6.0	.1	2.87	105	16	-.0	
.		ES	18 48	23.8						-.1	
. 08	RAT	EPG	18 48	11.4	2.5	.1	2.50	107	328	-.3	
.....											
. 08	19 16 53.73	52.17 N 179.51 W DEPTH = 155.1 KM DELAROF ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION		
. 08	AMA	EP	19 17	18.2	20.7	.1	3.62	102	164	-.2	
.		ES	19 17	36.7						.2	
. 08	ASD	EP	19 17	19.6	5.0	.2	2.72	118	223	-.0	
. 08	ASC	EP	19 17	20.1				121	230	.2	
. 08	ASB	EP	19 17	20.2	3.0	.1	2.81	125	224	.0	
.		ES	19 17	39.2						-.3	
. 08	AND	EP	19 17	20.5				126	238	.2	OP
. 08	ANA	EP	19 17	21.3				140	245	-.1	
. 08	RAT	EP	19 17	22.6	4.9	.1	3.06	154	255	-.1	
.....											
. 08	22 32 58.46	51.93 N 178.04 E DEPTH = 105.4 KM RAT ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION		
. 08	RAT	IP D	22 33	13.4	22.4	.1	3.44	25	126	.0	
.		ES	22 33	24.1						-.2	
. 08	ANA	IP	22 33	15.0				54	128	.2	
. 08	AND	IP	22 33	16.3				75	123	.1	
. 08	ASC	EP	22 33	17.9				93	123	.1	
. 08	ASB	EP	22 33	18.7	4.6	.1	2.88	105	127	-.1	
.		ES	22 33	33.9						.3	
. 08	ASD	IP	22 33	18.9	11.3	.2	2.98	108	123	-.2	
.		IS	22 33	34.0						-.2	
. 08	SSI	IP	22 33	18.9	15.5	.1	3.41	106	92	-.1	
.		ES	22 33	34.0						.1	
.....											
. 08	23 37 3.74	51.71 N 179.98 E DEPTH = 25.1 KM RAT ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION		
. 08	SSI	IPGD	23 37	10.7				34	308	-.0	WHITE OUT
. 08	ASD	IPGC	23 37	13.7				57	232	-.1	WHITE OUT
. 08	ASC	IPGD	23 37	14.8				63	245	.1	
. 08	ASB	IPGC	23 37	14.9	430.2	.1	4.54	64	233	.0	QS
.		ES	23 37	23.0						.0	
. 08	ACA	IPG	23 37	15.1				65	248	.1	
. 08	ACE	IPG	23 37	15.1				66	239	-.0	
. 08	ACD	IPG	23 37	15.3				66	243	.1	
. 08	ACB	IPG	23 37	15.4				67	247	-.0	
. 08	ACC	IPG	23 37	15.7				69	250	-.0	
. 08	AND	IPGC	23 37	16.0				73	258	-.2	
. 08	ACF	IPG	23 37	16.0				71	254	.0	
. 08	AMA	IP D	23 37	17.1	74.8	.1	3.86	78	126	.1	
. 08	ANA	IPGC	23 37	19.0				92	265	.0	
. 08	RAT	IP	23 37	22.3	76.0	.1	4.00	114	276	-.1	QS
.		ES	23 37	36.3						.3	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
09	0 35	41.37	51.77 N 178.28 E	DEPTH = 108.5 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
09	RAT	EPG	00 35 56.1	2.0	.1	2.39	5	45	-.2	QS
		ES	00 36 7.4						.2	
09	ANA	EPG	00 35 57.1				31	121	.2	QS
		ES	00 36 8.0						-.2	
09	AND	EPG	00 35 58.0				52	116	.1	QP
09	ASC	EPG	00 35 59.1				70	119	.0	
09	ASB	EP	00 35 59.9	.9	.1	2.13	81	124	-.0	
09	ASD	EP	00 36 .1	.8	.1	2.11	85	119	-.1	
.....										
09	AMA	IP	02 01 21.8	11.0	.1					
09	ASD	EP	02 01 22.9	3.1	.1					
09	ASB	EP	02 01 23.7	4.9	.1					NO S VISIBLE
09	ASC	EP	02 01 24.4							
09	AND	EP	02 01 25.4							
09	ANA	EP	02 01 27.4							
09	RAT	EP	02 01 29.9	4.6	.1					
.....										
09	3 21	19.99	51.99 N 178.35 E	DEPTH = 137.2 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
09	RAT	EP	03 21 38.6	.6	.1	1.97	21	184	-.1	
09	ANA	EP	03 21 39.5				46	152	.0	
		ES	03 21 53.8						.1	
09	AND	EP	03 21 40.2				63	139	-.1	
09	ASC	EP	03 21 41.7				81	136	.3	
09	SSI	EP	03 21 41.7	1.2	.1	2.33	86	97	-.0	
09	ASB	EP	03 21 42.2	1.8	.1	2.52	93	138	-.1	
		ES	03 21 58.4						-.1	
09	ASD	EP	03 21 42.4	2.2	.1	2.61	96	134	-.0	
.....										
09	3 25	7.69	51.78 N 178.78 W	DEPTH = 1.1 KM		FREE DEPTH SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
09	AMA	IP C	03 25 18.6	26.8	.1	3.28	59	253	.2	
		ES	03 25 26.1						-.2	
09	SSI	EP	03 25 27.4	8.0	.1	3.01	113	277	.3	
		ES	03 25 41.4						.1	
09	ASD	EP	03 25 30.7	6.3	.1	2.98	137	252	-.0	
		ES	03 25 47.6						.1	
09	ASB	EP	03 25 31.8	9.4	.1	3.18	144	252	-.0	
		ES	03 25 49.4						-.0	
09	ASC	EP	03 25 32.4				146	257	.2	
09	AND	EP	03 25 33.8				158	262	-.2	
09	ANA	EP	03 25 36.8				177	266	-.1	
09	RAT	EP	03 25 39.7	8.9	.3	2.80	199	272	-.4	QP
.....										
09	AMA	IPG	05 08 44.9	19.0	.2	2.73				
		IS	05 08 49.9							
09	ASD	EP	05 08 54.1	1.5	.1	2.34				QP
09	SSI	EP	05 08 56.9	3.6	.1					
09	ASC	EP	05 08 56.9							
		ES	05 09 12.9							
.....										
09	5 43	6.91	52.20 N 179.45 E	DEPTH = 167.5 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
09	AND	EP	05 43 31.3				78	206	-.1	QP
09	ANA	EP	05 43 31.7				83	221	.0	
09	ASC	EP	05 43 31.8				84	194	.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 09	RAT	IP	05 43 32.0	7.0	.1	3.16	88	241	.0	
. 09	ASD	EP	05 43 32.1	3.9	.1	2.91	90	185	.0	
. 09	ASB	EP	05 43 32.3	2.5	.1	2.72	94	189	-.0	
.		ES	05 43 50.9						.0	
.....										
. 09	5 57	6.11	51.77 N 178.68 E	DEPTH = 91.8 KM			FREE DEPTH SOLUTION			
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 09	RAT	EPG	05 57 19.3	2.5	.1	2.43	24	277	-.1	
.		ES	05 57 29.1						-.0	
. 09	ANA	EPG	05 57 19.4				16	184	.2	
. 09	AND	EPG	05 57 19.6				30	141	-.1	
. 09	ASC	EPG	05 57 20.7				48	136	.1	
. 09	ASB	EPG	05 57 21.5	.7	.1	1.94	60	139	.0	
.		ES	05 57 32.7						.0	
. 09	ASD	EPG	05 57 21.6	1.4	.1	2.25	63	133	-.0	
.		ES	05 57 32.7						-.2	
. 09	SSI	EPG	05 57 21.6	2.4	.1	2.48	64	78	-.1	
.		IS	05 57 33.3						.2	
.....										
. 09	6 20	25.35	49.97 N 177.70 E	DEPTH = 75.0 KM			FIXED DEPTH SOLUTION			
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 09	ASB	EP	06 20 53.4	1.3	.1	2.46	190	35	-.1	QP
. 09	ASD	EP	06 20 53.9	1.5	.1	2.54	196	36	-.4	
. 09	ASC	EP	06 20 54.0				196	31	-.2	
. 09	AND	EP	06 20 54.2				198	26	-.3	
. 09	ANA	EP	06 20 54.3				197	20	-.0	
. 09	SSI	EP	06 21 2.2	4.6	.1		252	31	1.2	QS
.		E(S)	06 21 27.0						-.0	
.....										
. 09	RAT	IP	06 32 6.8	11.9	.2	2.92				
.		ES	06 32 20.4							
. 09	ANA	EP	06 32 10.1							
.		ES	06 32 27.7							
. 09	AND	EP	06 32 12.9							QP
. 09	ASC	EP	06 32 14.9							QP
. 09	ASB	EP	06 32 15.5	1.1	.1					QP
. 09	ASD	EP	06 32 16.8	4.5	.3					QP
.....										
. 09	6 40	40.71	51.41 N 179.65 E	DEPTH = 74.3 KM			FREE DEPTH SOLUTION			
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 09	ASD	EPG	06 40 51.9	1.8	.1	2.22	22	263	.0	
.		ES	06 41 .1						.1	
. 09	ASB	EPG	06 40 52.2	1.2	.1	2.05	29	258	.0	
.		ES	06 41 .5						-.1	
. 09	ASC	EPG	06 40 52.5				34	279	.0	
. 09	AND	EPG	06 40 53.5				51	289	-.2	
. 09	RAT	EP	06 40 58.6	1.0	.1	2.15	101	296	.1	
.....										
. 09	AMA	IPG	07 34 40.7	21.8	.2	2.79				
.		ES	07 34 45.7							
. 09	SSI	EP	07 34 55.6	4.2	.1	2.84				
.		ES	07 35 11.9							
. 09	ASD	EP	07 34 55.7	1.1	.1	2.27				
. 09	ASB	EP	07 34 56.9	1.7	.1	2.47				QS
.		ES	07 35 14.1							
. 09	ASC	EP	07 34 57.9							
.....										
. 09	AMA	EP	08 21 5.3	3.2	.1					
. 09	ASD	EP	08 21 8.0	1.3	.1	2.35				

AUG 1971	STA	PHASE	TIME (GMT)		AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	ASB	EP	08 21	8.1	1.2	.1	2.33				
		ES	08 21	25.8							
09	ASC	EP	08 21	9.6							
09	AND	EP	08 21	11.4							
.....											
09	9 15	55.03	51.35 N 178.87 E		DEPTH = 50.3 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS								
09	ACC	EPG	09 16	3.3				19	37	-.0	
09	ACB	EPG	09 16	3.4				20	49	.0	
09	AND	EPG	09 16	3.8				25	13	.1	
09	ASD	EPG	09 16	4.2	.3	.1	1.30	33	81	-.1	V.SM.LOCAL
		ES	09 16	10.8						-.2	
09	ANA	EPG	09 16	4.2				35	335	-.2	
.....											
09	11 3	9.51	51.06 N 178.86 E		DEPTH = 27.5 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS								
09	ASB	EPG	11 03	18.3	.5	.1	1.49	43	38	.4	
		ES	11 03	23.9						-.1	
09	ASD	EPG	11 03	18.4	.6	.1	1.59	50	42	-.4	
09	ASC	EPG	11 03	18.6				50	25	-.2	
09	ACC	EPG	11 03	19.0				49	15	.3	
09	AND	EPG	11 03	19.7				57	6	-.1	
09	ANA	EPG	11 03	21.0				65	348	.0	
09	RAT	E(P)	11 03	24.6	.4	.1	1.64	91	336	-.1	QP
09	SSI	E(P)	11 03	27.1	1.6	.1	2.30	106	28	.1	QP
.....											
09	12 13	16.48	50.87 N 178.19 E		DEPTH = 28.6 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS								
09	ASB	EPG	12 13	31.9	1.7	.1	2.27	92	53	.0	
		ES	12 13	44.0						.9	
09	ANA	IPGD	12 13	32.0				91	21	.3	
09	AND	IPGD	12 13	32.1				94	34	-.1	
09	ASC	IPGC	12 13	32.5				95	45	.2	
09	ASD	IPGD	12 13	32.8	3.1	.2	2.26	99	54	-.2	
		ES	12 13	44.0						-1.0	
09	RAT	EP	12 13	33.5	.7	.1	1.94	104	5	-.2	
09	SSI	E(P)	12 13	40.4	2.0	.1	2.53	150	40	.0	VQP
.....											
09	12 12	1.70	5.88 S 154.31 E		DEPTH = 63.0 KM MB = 6.0			TELESEISMIC SOLUTION			
			SOLOMON ISLANDS								
09	ASB	EP	12 22	10.2				6772	18		TELE
09	ASD	EP	12 22	10.6				6779	18		
		E(S)	12 25	22.1							
09	ANA	EP	12 22	10.6				6779	17		
09	AND	EP	12 22	10.7				6782	17		
09	RAT	EP	12 22	10.8				6786	17		CLIPPED
09	ASC	EP	12 22	11.0				6780	17		
09	AMA	EP	12 22	13.5				6822	19		
09	SSI	EP	12 22	13.5				6836	18		
09	ADK	EP C	12 22	21.8				6967	20		ESS 1235050
		EPPP	12 25	34.6							
		ES	12 30	51.5							
.....											
09	AMA	IPGD	13 23	1.3	19.5	.1	2.70				QS
		ES	13 23	3.4							
09	ASD	EP	13 23	17.2	.6	.1	1.89				
09	SSI	EP	13 23	17.8	2.3	.1					

SEISMOLOGICAL BULLETIN (CGS-746-125)

PAGE 71-08- 45

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	ASB	EP	13 23 18.0	.3	.1	1.63				
09	ASC	EP	13 23 32.0							
09	AND	EP	13 23 19.3							
09	AND	EP	13 23 21.8							
09	13 47	6.18	52.14 N 179.71 E	DEPTH = 185.8 KM				FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
09	AND	EP	13 47 32.9				82	220	-.0	
09	ASD	IP	13 47 33.1	7.3	.1	3.20	87	197	-.1	
09	ASC	EP	13 47 33.1				84	207	.1	
09	ASB	EP	13 47 33.4	23.3	.2	3.41	92	201	-.1	QS
09	ES	13 47 53.4							.0	
09	ANA	EP	13 47 33.5				92	232	.1	
09	RAT	IP C	13 47 34.0	18.3	.1	3.62	102	249	-.0	
09	AMA	EP	13 47 35.6	1.9	.1	2.66	125	139	.0	
09	ES	13 47 57.0							-.0	
09	AMA	EP	14 32 53.6	5.7	.1					
09	SSI	EP	14 33 5.3	4.2	.1					QP
09	ASD	EP	14 33 8.4	2.1	.2					QP.QS
09	ES(S)	14 33 41.5								
09	ASB	EP	14 33 9.5	4.1	.3					QP
09	ASC	EP	14 33 9.5							QP
09	14 45	29.26	51.43 N 179.49 E	DEPTH = 40.5 KM				FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
09	ASD	IPGC	14 45 35.9	10.9	.1	2.75	11	249	-.1	
09	ES	14 45 40.2							-.7	
09	ASB	IPGC	14 45 36.5	20.9	.1	3.06	19	247	.1	
09	IS	14 45 41.1							-.5	
09	ACE	IPG	14 45 36.8				22	263	.1	
09	ASC	IPG	14 45 36.9				23	280	.2	
09	ACD	IPG	14 45 37.0				25	270	.1	
09	ACA	EPG	14 45 37.1				27	283	.1	
09	ACB	IPGD	14 45 37.3				28	278	.1	
09	ACC	IPG	14 45 37.6				32	282	.1	
09	ACF	EPG	14 45 38.1				36	288	.1	
09	AND	IPG	14 45 38.3				40	292	-.1	
09	SSI	EPG	14 45 39.9	3.1	.1	2.39	52	7	.1	
09	IS	14 45 47.3							-.2	
09	ANA	IPG	14 45 41.1				62	291	.1	
09	RAT	IPG	14 45 44.8	4.0	.1	2.66	90	298	.0	
09	ES	14 45 55.6							-.5	
09	AMA	EPG	14 45 45.7	1.7	.1	2.31	98	98	-.1	
09	15 36	15.32	52.26 N 177.07 E	DEPTH = 150.0 KM				FIXED DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
09	RAT	IP	15 36 39.3	10.9	.1	3.33	100	120	-.1	QS
09	ES	15 36 56.2							-.8	
09	ANA	EP	15 36 41.7				130	122	-.0	QS

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
09	16 21	1.58	51.80 N 178.06 E	DEPTH = 136.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
09	RAT	EP	16 21 20.0	2.3	.1	2.55	18	92	-.1	
09	ANA	IP	16 21 21.1				46	115	.1	
09	AND	EP	16 21 21.9				67	113	-.1	QS
		ES	16 21 37.1						.1	
09	ASC	EP	16 21 23.4				85	116	.2	
09	ASB	EP	16 21 24.0	.6	.1	2.04	96	121	.1	QS
		E(S)	16 21 40.1						-.2	
09	ASD	EP	16 21 24.1	1.4	.1	2.41	100	117	-.2	
.....										
09	16 34	28.02	51.64 N 178.90 E	DEPTH = 21.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
09	AND	IPG	16 34 31.8				10	159	-.2	
		IS	16 34 34.8						-.0	
09	ANA	E(P)	16 34 32.7				17	264	.1	
09	ACC	EPG	16 34 32.8				20	151	-.2	
		ES	16 34 36.8						.3	
09	ACB	EPG	16 34 33.3				24	147	-.1	
09	ACA	EPG	16 34 33.4				23	140	.1	
09	ASC	EPG	16 34 34.0				27	138	.2	
		IS	16 34 38.0						-.0	
09	ACD	EPG	16 34 34.0				29	146	-.0	
09	ASB	EPG	16 34 35.3	.4	.1	1.34	39	143	-.2	
09	ASD	EPG	16 34 35.9	.6	.1	1.50	41	132	.1	
.....										
09	16 58	54.81	50.99 N 179.64 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
09	AMA	IPG	16 59 5.2	10.9	.2	2.56	50	48	-.4	
		ES	16 59 12.8						-.6	
09	ASD	EPG	16 59 9.8	1.5	.1	2.24	84	302	.3	
		ES	16 59 18.8						-1.4	
09	ASB	EPG	16 59 10.6	1.0	.1	2.06	88	298	.6	QP
		ES	16 59 19.9						-1.1	
09	ASC	EPG	16 59 11.0				98	302	-.3	
09	SSI	EPG	16 59 14.6	8.8	.1	3.09	113	332	1.5	
		ES	16 59 26.9						.4	
.....										
09	20 1	38.20	5.79 S 152.19 E	DEPTH = 24.0 KM			MB = 5.9 MS = 6.2 TELESEISMIC SOLUTION			
NEW BRITAIN REGION										
09	ASB	EP	20 11 54.4				6836	19		TELE
09	ASD	EP	20 11 54.8				6842	19		
09	ANA	EP	20 11 54.8				6840	18		
09	AND	EP	20 11 54.9				6844	19		
09	RAT	EP	20 11 55.0				6846	18		
09	SSI	EP	20 11 57.1				6899	19		
09	AMA	EP	20 11 57.2				6889	20		
09	ADK	EP D	20 12 6.6				7038	21		
		ES	20 20 38.1							
.....										
09	20 49	28.77	51.04 N 179.64 W	DEPTH = 30.9 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
09	AMA	IPG	20 49 37.9	12.0	.2	2.60	46	53	.1	
		ES	20 49 44.1						-.2	
09	ASD	EP	20 49 42.5	1.7	.1	2.23	81	299	-.2	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 09	ASB	EP	20 49 43.1	4.4	.2	2.36	86	295	-.2	
. 09	ASC	EP	20 49 44.6				96	300	-.2	
. 09	SSI	IP	20 49 46.8	13.7	.1	3.25	109	331	.0	
. 09	AND	EP	20 49 48.1				114	301	.6	
. 09	ANA	EP	20 49 50.9				135	299	.2	QP
. 09	RAT	EP	20 49 54.2	2.9	.2	2.42	164	302	-.1	QP

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. 09	20 49 52.85	52.29 N 177.94 E DEPTH = 83.3 KM					FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
. 09	RAT	EP	20 50 7.3	6.0	.1	2.85	60	154	-.1		
		ES	20 50 18.0						-.0		
. 09	ANA	EP	20 50 10.2				89	146	.3		
. 09	AND	EP	20 50 11.7				106	139	-.1		
. 09	ASC	EP	20 50 13.9				125	137	.2		
. 09	ASB	E(P)	20 50 14.9	.6	.1	2.02	137	138	-.2	POOR TAMP	

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. 09	21 15 24.69	51.19 N 178.65 E DEPTH = 34.5 KM					FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
. 09	ACC	IPGC	21 15 33.6				43	40	.1		
. 09	ACE	EPG	21 15 33.6				43	57	-.0		
. 09	ACB	IPGC	21 15 33.7				43	45	.1		
. 09	ACD	IPGC	21 15 33.7				43	52	.1		
. 09	ACF	EPG	21 15 33.8				44	33	.1		
. 09	ASB	IPG	21 15 33.9	2.2	.1	2.18	46	65	-.0		
		IS	21 15 40.5						-.2		
. 09	AND	IPG	21 15 33.9				46	27	-.1		
. 09	ANA	IPG	21 15 34.1				48	1	-.2		
. 09	ACA	IPGC	21 15 34.1				46	45	.2		
. 09	ASC	IPG	21 15 34.2				47	50	.1		
. 09	ASD	EPG	21 15 34.6	.4	.1	1.50	53	65	-.3		

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. 9	21 33 56.20	61.29 N 151.13 W DEPTH = 75.0 KM					TELESEISMIC SOLUTION				
SOUTHERN ALASKA											

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. 09	ADK	IP C	22 05 5.6							
		ES	22 05 31.9							
. 09	AMA	IP	22 05 23.5							WHITE OUT
		ES	22 06 1.1							
. 09	SSI	EP	22 05 30.7	138.7	.2					
. 09	ASR	EP	22 05 33.6	461.4	.4					
		E(S)	22 06 20.0							
. 09	ASD	EP	22 05 33.8	120.8	.3					
. 09	ASC	EP	22 05 35.2							
. 09	AND	EP	22 05 36.2							
. 09	ANA	EP	22 05 38.3							
. 09	RAT	EP	22 05 40.2	16.9	.1					

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. 09	23 47 26.52	52.07 N 177.21 E DEPTH = 75.0 KM					FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
. 09	RAT	IP	23 47 42.1	13.4	.1	3.23	82	111	-.3		
		ES	23 47 53.6						-.4		
. 09	ANA	EP	23 47 45.4				111	116	-.1		
		ES	23 47 59.3						-.0		
. 09	AND	IP	23 47 47.5				133	115	-.4		
. 09	ASC	EP	23 47 50.3				151	116	.3		
. 09	ASB	EP	23 47 51.5	1.0	.1	2.29	161	119	.3		
		ES	23 48 9.4						.1		
. 09	ASD	EP	23 47 51.8	.6	.1	2.04	165	116	.1		
. 09	SSI	EP	23 47 51.8	4.2	.1	2.92	164	96	.2		

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AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
10	RAT	EP	07 55 15.1	213.6	.1					
10	ANA	EP	07 55 18.6							
10	AND	EP	07 55 20.9							
10	ASC	EP	07 55 23.4							
10	ASB	EP	07 55 24.4							
10	ASD	EP	07 55 25.1							
		ES	07 55 48.7							
10	SSI	EP	07 55 26.4							
10	AMA	EP	07 55 38.9							
		ES	07 56 18.3							
10	AMA	EP	08 06 21.1							
10	ANA	EP	08 06 24.6							
10	AND	EP	08 06 27.0							
10	ASC	EP	08 06 29.5							
10	ASB	EP	08 06 30.5	6.6	.1					
10	ASD	EP	08 06 31.3	6.4	.1					
		ES	08 06 55.0							
10	SSI	EP	08 06 32.5							
10	RAT	EP	08 06 45.0	37.3	.1					
.....										
10	8 9	6.60	6.18 S 151.57 E	DEPTH = 14.0 KM	MB = 5.0					TELESEISMIC SOLUTION
			NEW BRITAIN REGION							
10	RAT	EP	08 19 58.7	2.2	.1		6908	18		
10	ANA	IP	08 19 58.8				6903	19		
10	AND	IP	08 19 59.7				6908	19		
10	ASB	IP	08 20 .2	8.8	.1		6899	19		
		ES	08 20 20.8							
10	ASC	IP	08 20 .5				6906	19		
10	ASD	IP	08 20 .9	2.5	.1		6905	19		
10	SSI	EP	08 20 8.2	25.9	.1		6962	19		
10	AMA	EP	08 20 13.3	2.9	.1		6954	20		
.....										
10	9 1	19.15	51.58 N 178.79 E	DEPTH = 26.2 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	AND	IP C	09 01 23.6				12	100	-.3	
10	ANA	IP C	09 01 23.7				10	301	-.1	
10	ACC	IP	09 01 24.7				21	121	.0	
10	ACA	IP	09 01 25.2				26	115	.0	
10	ACB	IP	09 01 25.2				25	122	.1	
10	ASC	IP D	09 01 25.7				29	116	.1	
10	ACD	IP	09 01 25.8				30	125	.1	
10	ACE	IP	09 01 26.2				33	126	.1	
10	RAT	IP C	09 01 27.0	10.7	.1	2.80	40	308	.0	
10	ASB	IP D	09 01 27.2				40	127	.2	
		IS	09 01 32.7						-.1	
10	ASD	EP	09 01 27.5	17.8	.1	3.04	44	118	-.0	
10	SSI	IP	09 01 30.8	6.6	.1	2.74	65	58	.2	
10	AMA	EP	09 01 42.7				150	102	-.4	
.....										
10	9 37	50.60	51.16 N 178.63 E	DEPTH = 64.3 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	ACE	IP	09 38 1.9				47	54	-.4	
10	ACD	EP	09 38 2.1				47	49	-.2	
10	ACB	IP	09 38 2.2				47	43	-.1	
10	ACC	IP	09 38 2.2				47	38	-.0	
10	ACA	IP	09 38 2.4				50	43	-.1	
10	AND	EP	09 38 2.7				51	27	.1	
10	ASC	EP	09 38 2.8				51	47	.2	
10	ANA	EP	09 38 2.8				52	3	.0	
10	ASB	EP	09 38 2.9				49	62	.5	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
.		ES	09 38 11.1						.0	
. 10	ASD	EP	09 38 3.0	1.1	.1	2.05	56	62	-.1	
.....										
10	AMA	IP D	10 42 21.6	43.2	.1					
10	ASD	EP	10 42 35.7	5.0	.1	3.03				
		ES	10 42 57.1							
10	SSI	IP	10 42 36.7	17.7	.1					
10	ASB	EP	10 42 37.5	4.9	.1					
10	ASC	EP	10 42 38.1							
10	AND	EP	10 42 40.4							
10	ANA	EP	10 42 43.5							
10	RAT	EP	10 42 46.4							
.....										
. 10	14 2 21.13		51.56 N 178.80 E	DEPTH = 18.9 KM				FREE DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS							
. 10	AND	IP	14 02 24.8				10	87	-.0	
. 10	ANA	EP	14 02 25.0				13	308	.0	
. 10	ASB	EP	14 02 28.2				38	125	-.0	
		ES	14 02 33.4						.0	
. 10	ASD	EP	14 02 28.8	1.1	.1	1.80	42	116	.0	
.....										
. 10	14 5 9.98		51.74 N 178.09 E	DEPTH = 79.2 KM				FREE DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS							
. 10	RAT	IP C	14 05 21.4	7.1	.1	2.83	18	70	-.2	
. 10	ANA	EP	14 05 22.8				42	108	.1	
		IS	14 05 32.4						.3	
. 10	AND	EP	14 05 24.3				63	108	-.1	
. 10	ASC	EP	14 05 26.1				81	112	.1	
. 10	ASB	EP	14 05 26.8	1.5	.1	2.31	91	117	-.2	
. 10	ASD	EP	14 05 27.4	1.4	.1	2.29	95	114	-.1	
. 10	SSI	EP	14 05 28.8				105	80	.4	
		ES	14 05 41.5						-.4	
. 10	AMA	EP	14 05 39.6				201	164	.0	
.....										
. 10	15 29 54.04		51.57 N 179.62 W	DEPTH = 75.1 KM				FREE DEPTH SOLUTION		
			DELAAROF ISLANDS, ALEUTIAN ISLANDS							
. 10	AMA	EP	15 30 6.5	11.7	.1	3.08	48	132	-.3	
		ES	16 30 16.5						.4	
. 10	SSI	IP	15 30 8.2	5.4	.1	2.79	65	303	-.1	
. 10	ASD	EP	15 30 9.0	10.6	.1	3.11	75	255	-.2	
. 10	ASB	IP	15 30 10.0				82	254	.1	
		IS	15 30 21.2						-.2	
. 10	ASC	IP	15 30 10.3				85	262	.1	
. 10	AND	EP	15 30 11.5				99	270	-.1	
. 10	ANA	IP	15 30 14.2				119	274	.3	
. 10	RAT	EP	15 30 16.7				144	281	-.0	
.....										
. 10	16 20 35.94		50.92 N 179.79 E	DEPTH = 32.4 KM				FREE DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS							
. 10	ASD	IP	16 20 46.9	20.6	.1	3.22	61	329	-.1	
. 10	ASB	EP	16 20 47.3				62	322	.1	
		IS	16 20 54.9						-.4	
. 10	ACE	IP	16 20 48.1				68	321	.0	
. 10	ACD	EP	16 20 48.7				72	321	.0	
. 10	ASC	EP	16 20 49.0				74	324	.1	
. 10	ACB	EP	16 20 49.3				77	321	-.1	
. 10	ACA	EP	16 20 49.5				78	323	.1	

PAGE 71-08- 51

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 10	ACC	EP	16 20 49.8				81	320	-.1	
. 10	AMA	IP	16 20 50.6	82.7	.2	3.65	87	62	-.1	
. 10	AND	EP	16 20 51.3				92	321	-.2	
. 10	SSI	IP	16 20 54.1	48.8	.1	3.80	109	353	.1	
. 10	ANA	EP	16 20 55.3				111	315	1.0	
. 10	RAT	EP	16 20 57.8				141	314	-.6	
.....										
. 10	22 56	1:53	50.90 N 178.69 E DEPTH = 31.5 KM						FREE DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS										
. 10	ASB	IP	22 56 13.1	7.4	.1	2.80	65	37	-.0	
		IS	22 56 21.5						-.1	
. 10	ACE	IP	22 56 13.2				66	31	-.0	
. 10	ACD	IP	22 56 13.5				67	28	.1	
. 10	ACB	IP	22 56 13.8				69	24	.1	
. 10	ACC	IP	22 56 13.9				70	20	.0	
. 10	ASD	IP D	22 56 14.0	5.7	.1	2.72	72	39	-.1	
. 10	ASC	IP	22 56 14.1				71	28	.0	
. 10	ACA	IP	22 56 14.1				72	25	-.0	
. 10	AND	IP	22 56 14.8				77	14	.0	
. 10	ANA	EP	22 56 15.7				81	359	.2	
. 10	RAT	EP	22 56 18.6	1.6	.1	2.30	104	346	-.2	
. 10	SSI	IP D	22 56 22.3	11.7	.1	3.24	127	29	.0	
.....										
. 10	23 8	56.90	61.79 N 149.84 W DEPTH = 51.0 KM MB = 3.2						TELESEISMIC SOLUTION	
SOUTHERN ALASKA										
.....										
. 10	23 14	16.80	51.05 N 178.61 W DEPTH = 31.0 KM MB = 4.1						TELESEISMIC SOLUTION	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
. 10	AMA	IP D	23 14 25.7				43	307	.2	
. 10	ASD	IP C	23 14 39.2				147	286	-1.0	LARGE AMP. EVENT
. 10	ASB	IP C	23 14 40.0				153	284	-.9	
		ES	23 15 1.1						2.6	
. 10	ADK	EP D	23 14 40.9				163	55	-1.2	
		ES	23 14 58.2						-2.3	
. 10	SSI	IP D	23 14 41.1				156	308	-.2	
. 10	ASC	IP D	23 14 41.4				161	287	-.5	
. 10	AND	EP	23 14 43.5				179	289	-.6	
. 10	ANA	EP	23 14 46.5				200	290	-.2	
. 10	RAT	EP	23 14 50.0				228	293	-.1	
. 10	SMY	EP	23 15 32.5				534	293	4.6	
.....										
11	ADK	EP	00 11 34.9							
.....										
. 11	0 55	.11	50.96 N 178.67 E DEPTH = 50.0 KM						FIXED DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS										
. 11	ACE	IP	00 55 12.0				61	36	-.1	
. 11	ASB	EP	00 55 12.1				60	42	.0	APPROX. SAME
		ES	00 55 20.8						.0	
. 11	ACD	IP	00 55 12.2				62	32	-.0	
. 11	ACB	IP	00 55 12.3				63	28	-.1	
. 11	ACC	IP	00 55 12.3				64	24	-.2	
. 11	ACA	IP	00 55 12.8				66	28	.1	
. 11	ASD	EP	00 55 12.9	3.4	.1	2.52	67	44	.0	
. 11	ASC	EP	00 55 12.9				66	32	.2	TIME.
. 11	AND	EP	00 55 13.1				70	16	-.1	
. 11	ANA	EP	00 55 13.8				74	360	.1	
. 11	SSI	EP	00 55 29.9				122	31	10.4	POOR P.

PAGE 71-08- 52

PAGE 71-08- 52

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
11	2 38	51.26	51.10 N 178.24 W	DEPTH = 75.0 KM			FIXED DEPTH SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
11	ASD	EP	02 39 17.1				171	282	-.1	
11	ASB	EP	02 39 18.0				177	280	.1	
		ES	02 39 37.4						.0	
11	ASC	EP	02 39 18.9				185	283	.1	
11	4 5	19.77	51.59 N 179.77 W	DEPTH = 81.5 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
11	AMA	EP	04 05 33.8				56	126	-.0	
11	SSI	IP	04 05 33.8				56	308	.0	
11	ASD	IP D	04 05 34.5	41.0	.1	3.69	65	251	-.1	
11	ASB	IP	04 05 35.2	55.3	.1	3.84	73	250	-.0	
		IS	04 05 46.4						-.1	
11	ACE	IP	04 05 35.4				76	255	-.1	
11	ASC	IP	04 05 35.6				75	260	.2	
11	AGA	EP	04 05 35.7				78	262	.0	
11	ACD	IP	04 05 35.7				78	258	.0	
11	ACB	IP	04 05 35.9				80	261	-.0	
11	ACC	IP	04 05 36.3				83	263	.1	
11	AND	EP	04 05 36.6				88	269	-.1	
11	ANA	EP	04 05 39.1				109	273	.3	
11	RAT	EP	04 05 41.3				133	281	-.2	
11	4 29	53.25	50.95 N 179.82 E	DEPTH = 2.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
11	ASB	EP	04 30 4.2	5.7	.1	2.62	61	319	-.1	
		ES	04 30 12.1						-.2	
11	ASD	IP	04 30 4.2	5.6	.1	2.60	59	326	.2	
11	ASC	EP	04 30 6.4				73	321	-.0	
11	AMA	EP	04 30 7.9	16.2	.1	3.20	83	63	-.1	
11	AND	EP	04 30 8.6				91	318	-.5	
11	SSI	EP	04 30 11.6	10.7	.1	3.11	106	351	.2	
11	ANA	EP	04 30 12.6				110	313	.5	
11	RAT	EP	04 30 16.5				140	313	-.1	
11	4 46	44.34	50.92 N 179.25 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
11	ASB	EP	04 46 53.3	6.9	.1	2.66	49	360	.0	
		ES	04 46 59.4						-.4	
11	ASD	EP	04 46 53.9	4.8	.1	2.52	52	7	.1	
11	ASC	EP	04 46 55.3				60	354	.3	
11	AND	EP	04 46 56.8				74	344	-.2	
11	SSI	EP	04 47 2.7	3.7	.1	2.68	110	12	.3	
11	RAT	EP	04 47 3.2				117	327	-.1	
11	AMA	EP	04 47 3.9				122	70	-.2	
11	4 53	19.70	1.18 N 126.12 E	DEPTH = 56.0 KM MB = 5.6			TELESEISMIC SOLUTION			
MOLUCCA PASSAGE										
11	ADK	EP	05 04 23.8				7717	34		

PAGE 71-08- 53

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
11	5 21	47.32	51.09 N 178.70 E	DEPTH = 27.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
11	ASB	IP D	05 21 56.3	20.2	.1	3.13	49	52	-.1	
		IS	05 22 2.5						-.5	
11	ACE	IP	05 21 56.3				48	44	.0	
11	ACD	IP	05 21 56.5				48	39	.1	
11	ACB	IP	05 21 56.7				49	34	.2	
11	ACC	IP	05 21 56.7				50	29	.1	
11	ASC	IP C	05 21 57.0				53	38	.0	
11	ACA	IP	05 21 57.1				52	34	.2	
11	ACF	IP	05 21 57.1				52	23	.2	
11	ASD	IP C	05 21 57.2				56	53	-.2	
11	AND	IP D	05 21 57.4				55	19	.1	
11	ANA	IP D	05 21 58.1				59	358	.2	
11	RAT	EP	05 22 .8				83	342	-.5	
11	SSI	IP	05 22 5.2	10.2	.1	3.11	108	35	.1	
11	AMA	EP	05 22 11.9				155	81	-.0	
.....										
.....										
11	6 44	28.92	51.42 N 179.30 E	DEPTH = 63.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
11	ASD	IP	06 44 37.9	6.4	.1	2.67	4	135	-.0	
11	ASB	IP C	06 44 37.9	12.3	.1	2.95	7	208	-.1	
		ES	06 44 44.5						-.1	
11	ACE	EP	06 44 37.9				9	257	-.1	
11	ACD	EP	06 44 38.0				11	275	-.0	
11	ASC	IP D	06 44 38.1				10	298	.1	
11	ACA	IP	06 44 38.2				14	299	.1	
11	ACB	IP	06 44 38.2				15	289	.0	
11	ACC	EP	06 44 38.4				19	292	.1	
11	AND	EP	06 44 38.7				29	304	-.1	
11	ACF	EP	06 44 38.7				24	300	.1	
11	ANA	EP	06 44 40.6				50	298	.1	
11	SSI	EP	06 44 41.1	2.4	.1	2.36	56	21	-.0	
11	RAT	EP	06 44 43.4	4.1	.1	2.67	79	303	-.1	
11	AMA	EP	06 44 47.3	1.2	.1	2.23	112	97	.0	
.....										
11	AMA	EP	08 37 0.0	20.9	.1					
11	SSI	IP D	08 37 2.7	10.7	.1					
11	ASD	EP	08 37 5.7	9.1	.1					
		ES	08 37 30.2							
11	ASB	EP	08 37 6.5	7.9	.1					
11	ASC	IP	08 37 6.7							
11	AND	EP	08 37 7.3							
11	ANA	EP	08 37 9.4							
11	RAT	EP	08 37 10.8							
.....										
.....										
11	11 18	47.42	51.12 N 178.76 E	DEPTH = 33.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
11	ASB	EP	11 18 56.3	1.5	.1	1.99	43	51	.1	
		ES	11 19 2.6						-.0	
11	ASD	EP	11 18 57.0	1.4	.1	2.00	51	53	-.2	
11	ASC	EP	11 18 57.0				48	36	.2	
11	AND	EP	11 18 57.3				52	15	.0	
11	ANA	EP	11 18 58.0				57	353	-.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
11	12 44 48.61		51.19 N 178.79 E			DEPTH = 28.6 KM				FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
11	ASB	IP	12 44 56.3	4.0	.1	2.36	37	59	.1	
		ES	12 45 1.7						-.1	
11	ASC	IP	12 44 56.7				40	41	.1	
11	AND	IP	12 44 56.9				43	15	-.1	
11	ASD	EP	12 44 57.0				44	60	-.2	
11	ANA	EP	12 44 57.8				49	350	-.1	
11	SSI	EP	12 45 4.6	2.9	.1	2.52	96	35	.0	
11	ACE	IP	12 44 56.0				35	49	-.0	
11	ACD	IP	12 44 56.2				36	42	.1	
11	ACB	EP	12 44 56.3				37	35	.1	
11	ACC	IP	12 44 56.3				37	28	.0	
11	ACA	EP	12 44 56.6				40	35	.0	
11	13 14 15.80		32.13 N 137.79 E			DEPTH = 387.0 KM				TELESEISMIC SOLUTION
			SOUTH OF HONSHU, JAPAN							
11	RAT	EP	13 20 38.7				3935	44		
11	ANA	EP	13 20 40.1				3951	45		
11	AND	EP	13 20 41.2				3969	45		
11	ASB	EP	13 20 42.1				3982	45		
11	ASC	EP	13 20 42.2				3980	45		
11	ASD	IP	13 20 42.8				3989	45		TELESEISMIC
11	AMA	EP	13 20 50.2				4090	46		
11	SSI	EP	13 20 54.4				4021	44		
11	ADK	EP	13 21 2.3				4269	45		
11	13 40 19.98		51.15 N 178.58 E			DEPTH = 28.1 KM				FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
11	ACE	EP	13 40 29.2				50	55	-.1	
11	ACC	IP	13 40 29.3				49	40	.1	
11	ACD	EP	13 40 29.3				49	51	.1	
11	ACB	IP	13 40 29.4				50	45	.1	
11	ASB	EP	13 40 29.6				52	63	.0	
		ES	13 40 36.1						-.5	
11	AND	IP	13 40 29.8				53	29	.1	
11	ACA	IP	13 40 29.8				52	45	.1	
11	ASC	IP	13 40 29.9				53	49	.1	
11	ANA	EP	13 40 30.0				54	6	.2	
11	ASD	EP	13 40 30.3				59	63	-.3	
11	RAT	EP	13 40 32.4	3.0	.1	2.45	75	346	-.4	
11	SSI	EP	13 40 37.8	1.5	.1	2.28	108	40	.0	
11	15 29 21.35		51.53 N 177.23 E			DEPTH = 9.0 KM				FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
11	RAT	EP	15 29 36.5				82	68	.3	
11	ANA	EP	15 29 39.4				100	83	.5	
		ES	15 29 51.7						.0	
11	AND	EP	15 29 41.0				120	88		

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
11	16	4	30.83	51.34 N 178.75 E	DEPTH = 39.1 KM					FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
11	AND	EP	16 04 38.9				28	29	.3	
11	ASB	EP	16 04 39.1				34	86	-.1	
		ES	16 04 44.7						-.6	
11	ANA	EP	16 04 39.1				33	349	.1	
11	ASC	EP	16 04 39.3				32	64	.4	
11	ASD	EP	16 04 39.9	.4	.1	1.46	41	82	-.0	
11	RAT	EP	16 04 41.8				59	330	-.3	
11	SSI	EP	16 04 45.5				84	43	-.1	
11	17	56	49.70	51.39 N 179.43 E	DEPTH = 16.8 KM					FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
11	ASD	IP	17 56 52.8	3.1	.1	1.85	6	268	-.0	
11	ASB	EP	17 56 53.4	1.5	.1	1.62	13	254	-.0	
		IS	17 56 56.1						-.0	
11	ASC	IP	17 56 54.2				20	293	-.0	
11	20	27	32.50	52.06 N 176.16 W	DEPTH = 173.0 KM					TELESEISMIC SOLUTION
				ANDREANOF ISLANDS, ALEUTIANS ISLANDS						
11	ADK	EP D	20 27 56.0				41	241	-.0	
		ES	20 28 11.1						-2.1	
11	AMA	IP C	20 28 9.3	183.5	.3		221	248	-.0	
11	SSI	IP C	20 28 16.8	110.6	.2		292	268	-.1	
11	ASD	IP C	20 28 19.8				319	258	-.0	
11	ASB	IP	20 28 20.6	137.0	.2		326	258	-.0	
		ES	20 28 52.6						-3.2	
11	ASC	IP	20 28 21.1				329	260	.2	
11	AND	EP	20 28 21.9				341	263	-.4	
11	ANA	EP	20 28 24.3				359	264	-.1	
11	RAT	IP	20 28 26.6	10.9	.2		379	268	-.1	
11	21	34	13.93	51.16 N 178.90 E	DEPTH = 40.8 KM					FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
11	ACE	IP	21 34 22.2				33	35	-.1	
11	ASB	IP C	21 34 22.4	100.4	.1	3.80	33	47	.1	
		ES	21 34 27.9						-.5	
11	ACD	IP	21 34 22.5				34	29	.1	
11	ACB	IP	21 34 22.7				36	22	.1	
11	ACC	IP	21 34 22.8				37	15	.0	
11	ASC	IP D	21 34 23.0				38	29	.1	
11	ACA	IP	21 34 23.0				39	23	.1	
11	ASD	IP C	21 34 23.1				40	50	.0	
11	ACF	IP	21 34 23.2				41	9	.0	
11	AND	IP C	21 34 23.6				45	5	-.0	
11	RAT	IP D	21 34 28.1	91.9	.1	3.98	81	331	-.2	
11	SSI	IP D	21 34 30.1				94	30	.2	
11	AMA	EP	21 34 35.4	10.5	.1	3.23	139	83	-.1	
11	RAT	EP	23 20 12.9							
11	ANA	EP	23 20 15.2							
11	AND	EP	23 20 17.4							
11	ASC	EP	23 20 19.3							
11	ASB	EP	23 20 19.4							
11	ASD	EP	23 20 20.2	52.2	.2					DIFFICULT S
		ES	23 20 55.8							
11	SMY	EP	23 20 24.7							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
11	SSI	IP	23 20 25.1							
11	AMA	EP	23 20 37.1							
11	AMA	EP	23 40 47.5	13.1	.1					
11	ASB	EP	23 41 4.4	2.7	.1	2.70				
		ES	23 41 23.2							
11	ASC	EP	23 41 5.2							

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11	23 42 59.32	50.33 N 177.47 E	DEPTH = 50.0 KM	FIXED DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
11	ASB	IP	23 43 24.3	4.7	.1	2.96	170	47	-.3	
		ES	23 43 42.9						-.1	
11	ANA	EP	23 43 24.3				167	30	.1	
11	AND	IP	23 43 24.7				172	37	-.2	
11	ASC	EP	23 43 24.8				174	43	-.2	
11	RAT	EP	23 43 24.9				175	20	-.2	
11	SSI	IP	23 43 32.9	8.3	.1		229	40	1.1	
11	AMA	EP	23 43 36.0				263	65	-.1	

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12	RAT	EP	01 05 23.9	15.0	.2	3.07				OS
		ES	01 05 39.5							
12	ANA	EP	01 05 26.4							
12	AND	EP	01 05 28.1							
12	ASC	EP	01 05 30.7							
12	ASB	EP	01 05 31.9	4.3	.2					
12	ASD	EP	01 05 32.4	8.4	.3					
12	SSI	EP	01 05 35.9	15.8	.2					

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12	1 35 14.11	51.65 N 179.67 E	DEPTH = 86.9 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
12	SSI	IPGC	01 35 26.9	107.3	.1	4.05	27	348	-.1	
		ES	01 35 36.4						.1	
12	ASD	IPG	01 35 27.3	43.5	.2	3.37	37	218	-.1	
		ES	01 35 37.0						-.1	
12	ASC	IPG	01 35 27.7				41	239	.0	
12	ASB	IPG	01 35 27.9	29.2	.1	3.51	44	222	.1	
		IS	01 35 37.9						.1	
12	AND	IPGD	01 35 28.3				51	259	.0	
12	ANA	IPG	01 35 30.0				70	268	.2	
12	RAT	IPG	01 35 31.8	5.0	.1	2.85	94	280	-.2	
12	AMA	IPGD	01 35 32.0	24.7	.1	3.55	94	115	.0	

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12	1 49 7.30	51.78 N 179.95 E	DEPTH = 102.7 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
12	SSI	IP	01 49 22.0	24.7	.3	3.00	27	296	-.0	
		ES	01 49 36.0						3.2	
12	ASD	IPG	01 49 23.7	61.2	.2	3.61	61	224	-.1	
12	ASB	IPG	01 49 24.1	24.5	.1	3.53	68	226	-.2	
		ES	01 49 36.6						-.0	
12	ASC	EPG	01 49 24.3				65	237	.2	
12	AND	IPG	01 49 24.7				73	251	.0	
12	AMA	IP	01 49 25.7	23.4	.1	3.54	86	130	-.0	
12	ANA	IPG	01 49 26.3				90	259	.2	
12	RAT	IP	01 49 27.9	5.6	.1	2.97	111	271	-.2	

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PAGE 71-08- 57

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	3 15	28.72	52.01 N 178.39 E	DEPTH = 130.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
12	RAT	EP	03 15 46.6	1.3	.1	2.28	24	191	-.1	
12	ANA	IP	03 15 47.6				47	157	.1	
12	AND	EP	03 15 48.3				63	142	-.0	
		E(S)	03 16 2.6						-.0	
12	ASC	EP	03 15 49.6				81	139	.1	
12	SSI	EP	03 15 49.6	1.2	.1	2.31	83	99	.0	
12	ASB	EP	03 15 50.3	1.0	.1	2.25	93	141	-.1	
12	ASD	EP	03 15 50.4	1.8	.1	2.51	95	136	-.1	
12	3 29	12.72	51.73 N 179.83 W	DEPTH = 22.8 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	SSI	IPGD	03 29 20.9	42.1	.1	3.40	44	294	.0	
		I(P)	03 29 21.9							
12	ASD	EPG	03 29 24.6	1.1	.1	1.98	69	237	.1	
12	AMA	EPG	03 29 24.7	2.2	.1	2.28	70	134	-.0	
12	ASB	EPG	03 29 25.7	2.8	.1	2.42	76	237	.1	
		ES	03 29 34.9						-.1	
12	RAT	EP	03 29 33.2	.4	.1	1.76	127	274	-.1	
12	AMA	IPG	03 39 24.8	12.6	.1	3.08				
		ES	03 39 33.8							
12	SSI	EP	03 39 38.1	4.1	.1					
12	ASD	EP	03 39 39.2	1.5	.1	2.51				
12	ASB	EP	03 39 39.9	4.8	.2	2.71				QS
		E(S)	03 40 1.5							
12	ASC	EP	03 39 41.3							
12	6 30	44.29	51.88 N 179.25 E	DEPTH = 184.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
12	ASD	EP	06 31 9.5	1.0	.1	2.31	55	173	-.1	
12	ASC	EP	06 31 9.5				47	187	.2	
12	ANA	EP	06 31 9.5				49	235	.1	
12	ASB	EP	06 31 9.7	1.3	.1	2.43	58	180	-.0	QS
		ES	06 31 28.3						-.0	
12	RAT	EP	06 31 9.9	2.5	.1	2.72	64	262	-.1	
12	AMA	EP	06 41 47.3	14.2	.2					QP
12	SSI	E(P)	06 41 59.6	1.6	.1					QP
12	ASD	E(P)	06 42 .1	2.4	.2					QP
12	ASB	E(P)	06 42 1.3	2.9	.2					QP.VQS
		E(S)	06 42 40.4							
12	ASC	EP	06 42 2.1							
12	6 49	33.61	51.46 N 179.18 E	DEPTH = 36.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
12	ACE	EPG	06 49 39.6				7	183	-.0	
12	ASC	IPG	06 49 39.7				1	273	.2	
12	ACA	EPG	06 49 39.7				5	297	.1	
12	ACD	EPG	06 49 39.7				5	217	.1	
12	ASD	EPG	06 49 39.8	4.2	.1	2.31				

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	ASB	IPG	08 00 54.5	4.9	.1	2.51				
		IS	08 01 .5							
12	ASD	EPG	08 00 54.9	1.0	.1	1.83				
12	ACE	IPG	08 00 55.0							
12	ACD	IPG	08 00 55.5							
12	ACB	IPG	08 00 55.9							
12	ASC	EPG	08 00 56.1							
12	ACA	EPG	08 00 56.2							
12	ACC	EPG	08 00 56.3							
.....										
12	8 17 33.45		51.43 N 176.47 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	RAT	EP	08 17 53.8	28.2	.2	3.35	135	71	-.6	
		ES	08 18 9.6						-.1	
12	ANA	EP	08 17 56.7				153	81	.0	
12	AND	EP	08 17 58.3				173	84	-.7	
12	ASC	EP	08 18 .6				187	88	-.2	
12	ASB	EP	08 18 1.7	4.0	.2	2.63	193	91	.2	
12	ASD	EP	08 18 2.3	3.8	.2	2.62	199	90	-.0	QP
12	SSI	EP	08 18 6.0	16.5	.2		221	75	1.0	
.....										
12	AMA	IPGD	08 21 49.7							TAMP OBSCURED
		IS	08 21 54.2							
12	ASD	EP	08 22 2.2	2.7	.1	2.59				
		I(S)	08 22 16.6							
12	ASB	EP	08 22 3.0	1.7	.1	2.41				
12	ASC	EP	08 22 3.5							
12	SSI	EP	08 22 4.5	3.9	.1					
.....										
12	8 27 7.08		52.70 N 178.78 W	DEPTH = 200.8 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	AMA	IP	08 27 40.5	9.2	.2	3.09	159	188	-.0	
12	ASD	IP	08 27 43.5	4.6	.1	3.13	194	222	-.0	
12	ASB	IP	08 27 44.0	9.8	.1		201	223	-.1	
		ES	08 28 11.2						-.0	
12	ASC	IP	08 27 44.0				197	226	.3	
12	AND	EP	08 27 44.1				200	232	.1	
12	ANA	EP	08 27 45.1				211	237	-.0	
12	RAT	EP	08 27 45.9	3.0	.1		221	244	-.1	
.....										
12	8 55 3.90		51.93 N 179.20 W	DEPTH = 111.2 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	SSI	EP	08 55 22.9	1.0	.1	2.19	83	268	.0	
12	ASD	EP	08 55 25.8	1.0	.1	2.24	117	240	-.1	
		ES	08 55 42.0						.1	
12	ASB	E(P)	08 55 26.6	.5	.1	1.96	124	240	.0	
		ES	08 55 43.1						-.1	
12	ASC	EP	08 55 26.8				124	246	.2	
12	AND	EP	08 55 27.3				134	253	-.2	
12	ANA	EP	08 55 29.4				151	258	.1	
.....										
12	ADK	EP C	09 45 2.8							
		ES	09 45 21.9							
12	AMA	EP	09 45 17.3	22.4	.1					
		ES	09 45 45.1							
12	SSI	EP	09 45 23.8	8.0	.1					
12	ASD	EP	09 45 26.9	5.2	.1					QP
		ES	09 46 2.2							
12	ASB	EP	09 45 27.7	8.0	.1	2.80				
		ES	09 45 34.9							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	ASC	EP	09 45 27.9							
12	AND	EP	09 45 28.9							
12	ANA	EP	09 45 31.1							
12	RAT	EP	09 45 33.1	5.5	.2					
.....										
12	10 14	59.36	51.19 N 178.51 E	DEPTH = 22.2 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	ACC	EPG	10 15 8.4				49	48	.1	
12	AND	IPGD	10 15 8.6				51	36	.0	
12	ANA	IPGD	10 15 8.6				50	12	.3	
12	ACB	EPG	10 15 8.6				50	53	.2	
12	ACE	EPG	10 15 8.6				52	63	-.0	
12	ACF	EPG	10 15 8.6				50	42	.2	
12	ACD	EPG	10 15 8.7				51	59	.2	
12	ASB	IPGD	10 15 8.9	6.2	.1	2.64	55	70	-.1	
		IS	10 15 15.6						-.5	
12	ACA	EPG	10 15 8.9				53	52	.1	
12	ASC	EPG	10 15 9.1				55	56	.1	
12	ASD	EPG	10 15 9.8				62	69	-.3	TAMP OBSCURED
12	RAT	IPGC	10 15 10.6	4.6	.1	2.59	69	349	-.6	
12	SSI	EPG	10 15 17.2	3.2	.1	2.60	108	43	.2	
		ES	10 15 29.7						-.2	
.....										
12	10 37	24.71	51.76 N 178.08 E	DEPTH = 132.2 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	RAT	EP	10 37 42.5	6.8	.1	3.01	17	77	-.2	
12	ANA	EP	10 37 43.8				43	111	.3	
12	AND	EP	10 37 44.5				64	110	-.0	
12	ASC	EP	10 37 45.8				82	114	.1	
12	ASB	EP	10 37 46.4	.6	.1	2.03	92	119	-.0	
		E(S)	10 38 2.2						-.0	
12	ASD	EP	10 37 46.5	.7	.1	2.10	96	115	-.2	
12	SSI	EP	10 37 47.4	1.1	.1	2.31	105	82	.0	
.....										
12	RAT	EP	11 41 57.3	16.0	.2					QP. V. EMERGENT.
		ES	11 42 34.5							
12	ANA	EP	11 42 .6							QP
12	AND	EP	11 42 3.4							QP
12	ASC	EP	11 42 5.6							QP
12	ASB	EP	11 42 8.1	1.5	.1					QP
12	ASD	EP	11 42 8.2	7.0	.3					QP
12	SSI	EP	11 42 9.0	7.1	.3					QP
.....										
12	13 20	31.13	51.50 N 178.57 E	DEPTH = 66.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	AND	EPG	13 20 41.7				27	74	.0	
		E(S)	13 20 49.4						.0	
12	ASC	EPG	13 20 42.6				41	95	.0	
12	ASB	EPG	13 20 43.1	.7	.1	1.83	49	107	-.1	
12	ASD	EPG	13 20 43.8	.7	.1	1.84	55	102	.1	
12	SSI	IPG	13 20 46.5	1.8	.1	2.34	83	57	-.0	
		IS	13 20 57.7						-.0	
.....										
12	14 20	43.00	19.67 N 105.98 W	DEPTH = 33.0 KM			MB = 5.6 MS = 5.5 TELESEISMIC SOLUTION			
			OFF COAST OF JALISCO, MEXICO							
12	ADK	EP	14 31 5.7				6994	319		

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	AMA	EP	14 51 6.9							
12	14 57 39.13		52.03 N 179.44 E	DEPTH = 172.5 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	SSI	EP	14 58 2.1	2.5	.1	2.67	18	146	.0	
12	AND	EP	14 58 3.3				62	213	-.1	
12	ASC	EP	14 58 3.6				66	197	.1	
12	ASD	IP	14 58 3.7	18.5	.1	3.57	71	186	-.1	
		ES	14 58 21.8						-.0	
12	ASB	EP	14 58 4.1	19.8	.1	3.61	75	190	.1	
		ES	14 58 22.2						.0	
12	RAT	IP C	14 58 4.3	64.6	.1	4.12	80	252	.0	
12	16 25 40.10		51.09 N 179.87 E	DEPTH = 30.4 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	ACE	EPG	16 25 48.3				40	32	-.0	
12	ASB	IPG	16 25 48.4	5.6	.1	2.53	40	41	.1	
		IS	16 25 54.6						.4	
12	ACD	EPG	16 25 48.5				42	26	-.0	
12	ACB	EPG	16 25 48.7				44	20	-.1	
12	ASC	EPG	16 25 49.1				46	26	.0	
12	ACA	EPG	16 25 49.1				47	22	-.0	
12	ASD	IPG	16 25 49.2	5.3	.1	2.55	47	45	.0	
		IS	16 25 55.8						.0	
12	ACF	EPG	16 25 49.2				49	10	-.3	
12	AND	IPG	16 25 49.4				53	6	-.6	
12	RAT	EP	16 25 55.4	1.7	.1	2.26	87	335	.5	
12	SSI	EP	16 25 57.2	4.7	.1	2.76	102	29	.1	
12	ASD	EP	17 10 12.1	1.3	.1					QP
		E(S)	17 11 2.8							
12	ASD	EP	17 13 5.6							
12	SSI	IP	17 13 6.2	2.1	.1					
12	AMA	IP	17 13 6.4	7.5	.2					
12	ASB	EP	17 13 57.1							NO S VISIBLE
12	AND	EP	17 13 57.7							POSS. DEEP
12	ASC	EP	17 13 57.9							
12	17 20 59.87		51.35 N 179.68 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	ASD	IPG	17 21 5.4	3.2	.1	2.15	24	281	-.2	
12	ASB	IPG	17 21 6.4	4.4	.1	2.33	30	272	.0	
		IS	17 21 11.0						-.1	
12	ACE	EPG	17 21 7.2				36	279	.1	
12	ASC	IPG	17 21 7.4				38	289	.0	
12	ACD	EPG	17 21 7.6				39	283	.1	
12	ACB	EPG	17 21 8.1				43	287	.1	
12	AND	E(P)	17 21 9.8				56	295	-.1	
12	18 44 51.33		51.33 N 179.92 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	ASD	E(P)	18 44 58.9				41	280	-.3	
12	ASB	IPGD	18 45 .1	6.0	.1	2.59	47	275	.1	
		IS	18 45 6.3						-.0	
12	ACE	EPG	18 45 .9				52	279	.1	
12	ASC	IPGC	18 45 1.2				54	286	.1	
12	ACA	EPG	18 45 1.6				58	288	-.0	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	19 28	37.27	51.38 N 178.37 E	DEPTH = 44.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
12	ANA	IPG	19 28 46.2				34	36	.1	
12	AND	IPG	19 28 47.2				45	63	-.1	
12	RAT	E(P)	19 28 47.2				47	356	-.3	QP
12	ACF	EPG	19 28 47.6				46	69	.2	
12	ACA	EPG	19 28 48.3				53	77	.2	
12	ACE	EPG	19 28 48.4				56	87	-.0	
12	ASC	IPG	19 28 48.6				56	80	.1	
12	ASB	EPG	19 28 48.9	1.0	.1	1.95	61	91	-.1	QS
		ES	19 28 57.3						-.3	
12	ASD	EPG	19 28 49.8	2.7	.1	2.40	67	88	-.0	
		ES	19 28 58.8						-.2	
12	SSI	E(P)	19 28 54.2				102	55	.1	QP
12	19 38	51.50	51.19 N 179.87 W	DEPTH = 37.5 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	AMA	IPGC	19 39 2.1	24.9	.2	2.99	54	78	.0	
		ES	19 39 9.5						-.3	
12	ASD	IPG	19 39 2.6	5.9	.1	2.69	59	292	-.1	
12	ASB	IPG	19 39 3.4	4.1	.1	2.55	64	287	.0	
		E(S)	19 39 11.7						-.3	
12	ACE	EPG	19 39 4.1				70	290	-.1	
12	ASC	IPG	19 39 4.8				73	295	.2	
12	ACA	EPG	19 39 5.2				77	295	.0	
12	SSI	EP	19 39 6.6	38.6	.1	3.62	87	335	.1	
12	RAT	EP	19 39 13.5	4.4	.1	2.85	142	299	-.1	QP
12	19 58	9.58	51.79 N 179.81 W	DEPTH = 95.2 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	SSI	IP D	19 58 24.2	46.5	.2	3.44	43	286	.1	
		IS	19 58 34.7						-.1	
12	ASD	EP	19 58 26.2	4.6	.1	2.80	73	233	-.1	
		ES	19 58 38.5						.1	
12	ASB	IP	19 58 26.8	5.7	.1	2.90	81	234	-.1	
		ES	19 58 39.5						-.0	
12	ASC	EP	19 58 26.9				79	243	.1	
12	AND	EP	19 58 27.5				89	254	-.1	
12	ANA	EP	19 58 29.6				107	261	.2	
12	RAT	EP	19 58 31.4	4.4	.1	2.89	128	271	-.1	
12	23 4	34.57	51.96 N 178.51 E	DEPTH = 106.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
12	RAT	IP	23 04 49.5	8.2	.1	3.00	22	214	-.1	
12	ANA	EP	23 04 50.3				39	164	.1	
12	AND	EP	23 04 51.1				54	145	.1	
12	ASB	EP	23 04 53.2	3.5	.1	2.72	84	142	-.0	QS
		ES	23 05 6.8						-.0	
12	ASD	EP	23 04 53.3	4.2	.1	2.81	86	137	-.1	
12	AMA	IPGC	23 30 29.4				WHITE OUT			
		IS	23 30 33.5							
12	ASD	EP	23 30 42.6	4.2	.1	2.78				
12	SSI	EP	23 30 43.1	12.0	.1	3.24				
		IS	23 30 57.2							
12	ASC	EP	23 30 43.4							
12	ASB	EP	23 30 43.6	4.5	.1	2.83				

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		E(S)	23 30 58.3							
13	2 37 22.15		51.68 N 179.50 W	DEPTH = 194.8 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASD	EP	02 37 50.1	2.4	.1	2.73	86	249	.0	
13	ASB	EP	02 37 50.5	4.6	.1	3.03	94	249	.0	
		ES	02 38 11.2						.0	
13	ASC	E(P)	02 37 50.6				95	256	.0	
13	AND	EP	03 49 29.4							QP
13	ASD	EP	03 49 30.6	1.4	.1	2.16				QP
		ES	03 49 40.4							
13	ADK	EP D	04 39 38.6							
		ES	04 39 46.9							
13	AMA	EP	04 39 39.2	259.0	.3					
13	SSI	EP	04 40 3.3	126.9	.2					
13	ASD	EP	04 40 4.1	82.3	.4					
13	ASB	EP	04 40 4.9	121.3	.3					
		E(S)	04 40 36.3							
13	ASC	EP	04 40 6.1							
13	AND	EP	04 40 7.6							
13	ANA	EP	04 40 10.8							
13	ASD	EP	04 47 6.8	5.2	.1					
13	ASB	EP	04 47 7.6	5.6	.1					
		E(S)	04 47 41.3							
13	AND	EP	04 47 11.0							
13	ANA	EP	04 47 13.1							
13	5 13 10.61		51.34 N 179.16 E	DEPTH = 41.2 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	ACE	EPG	05 13 17.2				7	10	-.1	
13	ASB	EPG	05 13 17.4	3.1	.1	2.20	7	69	.1	
		IS	05 13 22.2						.0	
13	ACB	EPG	05 13 17.5				14	342	-.1	
13	ASD	EPG	05 13 17.6	3.8	.1	2.31	14	66	.0	
13	AND	EPG	05 13 18.5				29	331	-.1	
13	ACF	EPG	05 13 18.5				24	332	.3	
13	ASD	EP	05 23 54.0	2.4	.1	2.62				QP
13	ASB	EP	05 23 54.3	8.8	.2	2.90				QP
		ES	05 24 12.2							
13	ASB	IPGD	06 05 33.3	3.2	.1	2.19				
		IS	06 05 37.5							
13	ASD	IPGD	06 05 33.5	6.7	.1	2.52				
13	ACE	EPG	06 05 33.8							
13	ACD	EPG	06 05 34.2							
13	ASC	IPG	06 05 34.7							
13	ACB	EPG	06 05 34.7							
13	ACA	EPG	06 05 35.0							
13	ACF	EPG	06 05 36.0							
13	AND	EPG	06 05 36.5							
13	SSI	E(P)	06 05 41.1	4.4	.1					
13	6 24 40.65		51.67 N 178.34 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	SSI	EP	06 25 2.8	34.6	.1	3.77	145	281	-.0	
13	ASD	IP	06 25 5.0	14.7	.1	3.44	164	260	-.1	
13	ASB	IP	06 25 6.0	23.5	.1	3.66	171	259	-.0	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	ASC	ES	06 25 24.5						-0	
13	AND	EP	06 25 6.6				174	263	.2	
13	ANA	EP	06 25 8.0				188	268	-1	
13	ANA	EP	06 25 10.6				207	270	.1	
13	ASD	EP	07 14 10.2	4.3	.2					QP
13	ASB	EP	07 14 10.6	5.0	.2					QP
13		E(S)	07 14 36.5							
13	AND	EP	07 14 14.5							QP
13	9 48 30.21	51.42 N 178.82 E	DEPTH = 43.5 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	AND	IPG	09 48 37.6				18	29	-1	
13	ACF	EPG	09 48 37.7				17	45	.1	
13	ACB	EPG	09 48 37.9				19	75	.1	
13	ANA	IPG	09 48 38.1				26	334	-1	
13	ACA	EPG	09 48 38.1				22	71	.2	
13	ACE	EPG	09 48 38.1				24	95	-0	
13	ASC	IPG	09 48 38.2				24	78	.1	
13	ASB	IPG	09 48 38.5	11.3	.1	2.86	30	102	-1	
13		IS	09 48 44.5						-2	
13	ASD	IPG	09 48 39.2	22.1	.1	3.18	36	95	.0	
13		ES	09 48 45.6						-1	
13	SSI	IPG	09 48 43.6	33.2	.1	3.52	75	45	-1	
13		IS	09 48 53.5						.0	
13	10 6 28.91	51.42 N 178.90 E	DEPTH = 42.7 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	ACC	EPG	10 06 36.0				12	54	.0	
13	AND	IPGD	10 06 36.1				16	12	-1	
13	ACB	EPG	10 06 36.1				14	71	.0	
13	ACF	IPG	10 06 36.1				13	28	.1	
13	ACD	EPG	10 06 36.2				16	87	.0	
13	ACE	IPG	10 06 36.2				19	97	-1	
13	ACA	IPG	10 06 36.3				16	66	.1	
13	ASC	IPG	10 06 36.5				19	76	.2	
13	ASB	IPGD	10 06 36.7	17.4	.1	3.02	25	106	-1	
13		IS	10 06 42.5						-0	
13	ANA	IPGC	10 06 37.0				28	323	-1	
13	ASD	IPGC	10 06 37.2	15.8	.1	3.00	31	96	-1	
13	SSI	E(P)	10 06 42.0	9.8	.1	2.97	70	42	.1	
13		IS	10 06 51.1						-2	
13	11 49 38.18	51.95 N 178.28 E	DEPTH = 116.4 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	RAT	IP D	11 49 54.1				17	168	-2	WHITE OUT
13		ES	11 50 5.8						-2	
13	ANA	IP D	11 49 55.4				44	144	.2	
13		ES	11 50 7.9						.3	
13	AND	IP D	11 49 56.3				63	132	.1	
13	ASC	IP	11 49 57.6				81	131	.1	
13	SSI	IP D	11 49 58.2				90	93	.0	WHITE OUT
13	ASB	IP C	11 49 58.4	27.3	.1	3.65	93	134	-1	
13		ES	11 50 13.1						-2	
13	ASD	IP D	11 49 58.6	74.2	.2	3.79	96	130	-1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
13	12 37	4.27	51.41 N 178.79 E	DEPTH = 44.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	AND	IPG	12 37 11.8				20	33	-.2	
13	ACF	EPG	12 37 11.9				19	47	.0	
13	ACB	EPG	12 37 12.1				22	74	.1	
13	ANA	IPG	12 37 12.3				26	339	-.0	
13	ACA	EPG	12 37 12.3				24	70	.1	
13	ACD	EPG	12 37 12.3				24	85	.1	
13	ACE	EPG	12 37 12.3				26	92	-.1	
13	ASC	EPG	12 37 12.6				26	77	.2	
13	ASB	EPG	12 37 12.8	2.2	.1	2.16	32	100	-.1	
		ES	12 37 18.9						-.2	
13	ASD	IPG	12 37 13.5	3.1	.1	2.34	38	93	.0	
13	SSI	EP	12 37 17.9	4.9	.1	2.70	77	45	-.1	
		ES	12 37 28.1						.1	
.....										
13	12 51	9.00	51.80 N 176.54 W	DEPTH = 59.0 KM MB = 4.1			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
13	ADK	IP D	12 51 18.1				14	313	.0	FELT 3.5ML
		ES	12 51 25.1						.4	
13	AMA	EP	12 51 36.0				187	253	-.4	
13	SSI	IP	12 51 47.1				267	274	.9	
13	ASD	EP	12 51 49.2	119.1	.3		289	263	.3	
13	ASB	EP	12 51 50.2	174.9	.3		296	262	.4	
		E(S)	12 52 23.6						4.0	
13	ASC	EP	12 51 51.0				299	265	.7	
13	AND	EP	12 51 53.2				312	267	1.3	
13	ANA	EP	12 51 55.3				332	269	1.1	
13	RAT	EP	12 51 57.8	90.5	.3		353	272	.9	
13	NIK	EP	12 52 20.7				538	73	1.0	
13	SMY	EP	12 52 35.0				646	283	2.0	
.....										
13	14 11	13.81	51.58 N 178.82 E	DEPTH = 20.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	AND	IPG	14 11 17.5				9	102	-.0	
13	ANA	EPG	14 11 17.8				12	295	-.0	
13	ACD	E(P)	14 11 19.7				27	128	.2	VQP
13	ACE	EPG	14 11 20.0				31	129	-.0	VQP
13	ASB	EPG	14 11 20.9	1.3	.1	1.84	38	129	-.1	
		ES	14 11 26.2						-.0	
13	ASD	EPG	14 11 21.5	2.1	.1	2.08	42	120	.0	
.....										
13	AMA	IPG	16 15 23.2	17.3	.1	2.82				
		IS	16 15 26.5							
13	ASD	EP	16 15 37.1	1.7	.1	2.34				
13	SSI	EP	16 15 37.5	2.3	.1					
13	ASB	EP	16 15 38.1	9.8	.2	2.83				QS
		ES	16 15 51.5							
13	ASC	EP	16 15 39.3							
13	AMA	IP D	16 25 15.9	14.6	.2	2.66				
		ES	16 25 21.6							
13	ASD	EP	16 25 25.9	1.1	.1	2.21				QS
		E(S)	16 25 40.0							
13	ANA	EP	16 25 31.9							QP

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
13	16 58 46.36		51.20 N 179.29 E	DEPTH = 32.1 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	ASB	IPG	16 58 52.4	2.7	.1	2.10	19	351	.0	
		ES	16 58 56.8						.0	
13	ASD	IPG	16 58 52.7	.8	.1	1.61	22	10	.0	
13	ACE	EPG	16 58 52.9				24	341	.0	
.....										
13	16 48 46.50		6.10 S 154.09 E	DEPTH = 21.0 KM		MB = 6.0	MS = 6.2	TELESEISMIC SOLUTION		
			SOLOMON ISLANDS							
13	ASB	EP	16 59 2.2				6803	18		
13	ASD	EP	16 59 2.5				6809	18		
13	RAT	EP	16 59 3.0				6815	17		TELE
13	ANA	EP	16 59 3.9				6809	17		QP
13	AMA	EP	16 59 5.6				6852	19		
13	SSI	EP	16 59 6.0				6866	18		
13	ADK	EP	16 59 13.8				6998	20		
.....										
13	ASD	EP	17 03 2.1	7.1	.2	2.71				
13	ASB	EP	17 03 2.7	5.4	.2	2.60				QS
		E(S)	17 03 17.2							
.....										
13	17 11 44.43		50.86 N 179.17 W	DEPTH = 50.0 KM						FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	AMA	IPGD	17 11 55.1	57.6	.2	3.38	48	5	.0	
		ES	17 11 58.9						-3.9	
13	ASD	EP	17 12 2.8	11.5	.2	2.92	120	300	-.7	
13	ASB	EP	17 12 3.6	3.9	.1	2.77	124	297	-.4	
13	ASC	EP	17 12 5.3				134	301	.0	
13	SSI	EP	17 12 6.4	1.7	.1	2.46	144	324	-.1	
13	AND	EP	17 12 7.6				152	302	.1	VQP
13	ANA	EP	17 12 11.4				173	300	1.3	VQP
.....										
13	17 32 11.82		51.34 N 179.48 E	DEPTH = 73.2 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	ASD	EPG	17 32 22.4	2.2	.1	2.29	11	300	-.1	
		ES	17 32 30.3						-.0	
13	ASB	EPG	17 32 22.8	2.1	.1	2.27	16	278	.1	
		ES	17 32 30.6						.0	
13	ACE	EPG	17 32 22.8				22	287	-.1	QP
13	ACD	EPG	17 32 23.1				26	292	.1	QP
13	ACA	EPG	17 32 23.2				30	302	-.0	QP
13	AND	EPG	17 32 24.1				44	304	-.0	QP
13	SSI	E(P)	17 32 25.6				62	7	.0	
.....										
13	ANA	EP	17 45 20.3							
13	ASB	EP	17 45 22.6	1.2	.1	2.26				VQS
		E(S)	17 45 37.6							
.....										
13	18 14 53.02		51.66 N 177.96 E	DEPTH = 69.4 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	RAT	IP	18 15 3.9				30	58	-.1	WHITE OUT
		ES	18 15 11.9						-.1	
13	ANA	IP C	18 15 5.5				49	94	.2	
13	AND	IP C	18 15 7.2				69	98	.0	
13	ASC	EP	18 15 9.1				86	104	.2	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 13	ASB	IP C	18 15 9.8	155.8	.1	4.32	95	110	-.1	
.		ES	18 15 22.3						.1	
. 13	ASD	IP C	18 15 10.4				100	107	-.0	WHITE OUT
.		ES	18 15 23.0						-.2	
. 13	SSI	IP C	18 15 12.3				115	76	.2	WHITE OUT
. 13	AMA	EPG	18 15 22.9	63.3	.2		207	100	-.2	
.....										
. 13	19 10 13.27	51.64 N 179.34 W DEPTH = 69.0 KM						FREE DEPTH SOLUTION		
.		DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 13	SSI	EPG	19 10 28.6	3.3	.1	2.60	79	291	.2	
.		ES	19 10 39.2						-.2	
. 13	ASD	EPG	19 10 30.1	4.3	.1	2.76	95	254	-.0	
.		ES	19 10 42.7						.2	
. 13	ASB	EPG	19 10 30.8	6.2	.1	2.94	103	253	-.2	
. 13	ANA	E(P)	19 10 35.1				138	270	.0	
.....										
. 13	22 35 51.80	51.53 N 176.44 E DEPTH = 75.0 KM						FIXED DEPTH SOLUTION		
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 13	RAT	EP	22 36 12.8	101.6	.3	3.76	134	76	-.5	QP
.		ES	22 36 28.9						-.1	
. 13	ANA	EP	22 36 15.6				154	85	-.0	
. 13	AND	EP	22 36 17.2				174	88	-.8	
. 13	ASB	EP	22 36 21.1	11.8	.2	3.12	195	94	.5	VQP
.		E(S)	22 36 48.4						6.7	
. 13	ASD	EP	22 36 21.3	8.0	.2		202	93	-.1	VQP
. 13	SSI	EQ	22 36 24.8	94.0	.3		221	78	1.1	
.....										
. 13	23 16 43.40	51.52 N 179.55 W DEPTH = 71.8 KM						FREE DEPTH SOLUTION		
.		DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 13	SSI	EPG	23 16 58.0	4.0	.1	2.67	73	305	-.0	
.		ES	23 17 8.8						.1	
. 13	ASD	IPG	23 16 58.6	6.9	.1	2.92	78	260	-.0	
. 13	ASB	IPG	23 16 59.4	11.8	.1	3.17	85	259	.1	
.		ES	23 17 10.9						-.1	
. 13	AND	EP	23 17 1.3				104	273	-.0	
. 13	ANA	EP	23 17 3.7				124	276	.0	QP
.....										
. 14	RAT	EP	00 02 6.5	1.9	.1					
. 14	ANA	EP	00 02 7.5							
. 14	ASB	E(P)	00 02 10.6	4.2	.2					
.		ES	00 02 37.7							
. 14	SSI	EP	00 02 17.5	3.4	.1					
.....										
. 14	0 15 17.80	14.85 S 167.22 E DEPTH = 120.0 KM MB = 5.5						TELESEISMIC SOLUTION		
.		NEW HEBRIDES ISLANDS								
. 14	ADK	EP	00 26 5.1				7551	11		
.....										
. 14	4 44 28.43	52.57 N 179.67 W DEPTH = 100.0 KM						FIXED DEPTH SOLUTION		
.		DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 14	ASC	EP	04 44 52.3				147	213	-.4	
. 14	AND	EP	04 44 52.8				146	221	.1	
. 14	ASD	EP	04 44 52.9	4.2	.1	2.91	148	208	.1	
. 14	ACB	IP	04 44 53.2				150	215	.2	
. 14	ASB	EP	04 44 53.3	4.9	.1	2.99	154	209	-.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	04 45 11.7						-0	
14	ACD	IP	04 44 53.3				151	213	.1	
14	ACE	IP	04 44 53.3				152	212	-0	
14	ANA	EP	04 44 53.5				155	228	-1	
.....										
14	6 50 25.71	51.32 N 179.50 W DEPTH = 0.0 KM						FIXED DEPTH SOLUTION		
DEAROF ISLANDS, ALEUTIAN ISLANDS										
14	AMA	IP	06 50 30.7				27	97	.1	
14	ASO	EP	06 50 40.3	1.8	.1	2.24	81	276	-1	
14	ASB	EP	06 50 41.6	2.2	.1	2.35	88	274	.2	
		ES	06 50 53.5						.7	
14	SSI	IP	06 50 42.2				90	316	.4	
14	ASC	EP	06 50 42.5				94	280	.1	
14	RAT	EP	06 50 51.2				160	290	-1.1	
.....										
15	6 56 32.06	51.78 N 176.03 E DEPTH = 100.0 KM						FIXED DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
15	RAT	IP	06 56 56.9	32.3	.1	3.82	158	88	-.7	
15	ANA	EP	06 56 59.9				182	94	-.4	
15	AND	EP	06 57 2.6				203	96	-.1	
15	ASC	EP	06 57 4.6				220	98	.0	
		ES	06 57 28.2						-.1	
15	ASB	EP	06 57 5.8	4.0	.1		227	101	.3	
15	ASO	EP	06 57 6.4	4.5	.1		233	99	.2	
15	SSI	EP	06 57 8.4	11.1	.1		245	86	.8	
.....										
14	7 35 0.00	51.61 N 178.54 E DEPTH = 73.5 KM						FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
14	ANA	IP	07 35 10.7				9	80	.0	
14	RAT	IP	07 35 11.2	5.5	.1	2.70	25	325	-.0	
14	AND	EP	07 35 11.4				29	101	-.0	
14	ASC	EP	07 35 12.6				47	111	.1	
14	ASB	EP	07 35 13.3	3.2	.1	2.53	57	119	-.0	
14	ASO	IP	07 35 13.7	5.9	.1	2.81	61	114	-.0	
		ES	07 35 23.7						-.0	
14	SSI	IP	07 35 15.4				79	66	-.0	
.....										
14	9 2 52.60	15.19 S 178.42 W DEPTH = 33.0 KM MB = 5.6 MS = 6.6						TELESEISMIC SOLUTION		
FIJI ISLANDS REGION										
14	ADK	EP	09 12 28.0				7429	1	6.7MS	
		EL	09 30 12.0							
		ER	09 33 38.0							
.....										
14	9 44 22.93	52.54 N 179.68 W DEPTH = 100.0 KM						FIXED DEPTH SOLUTION		
DEAROF ISLANDS, ALEUTIAN ISLANDS										
14	AND	EP	09 44 46.9				144	221	.0	
14	ASO	EP	09 44 47.0	2.0	.1	2.58	145	208	.0	
14	ASC	EP	09 44 47.1				144	214	.2	
14	ASB	EP	09 44 47.2				151	210	-.4	
		ES	09 45 5.6						-.0	
14	RAT	IP	09 44 48.2	4.1	.1	2.92	159	240	-.3	
14	ANA	EP	09 44 48.3				153	229	.5	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
14	10 51	1.11	51.19 N 178.69 E	DEPTH = 30.8 KM				FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
14	ACE	EP	10 51	9.4			41	55	-.0	
14	ACB	EP	10 51	9.5			41	43	.0	
14	ACC	EP	10 51	9.5			41	37	.1	
14	ACD	EP	10 51	9.5			41	50	.1	
14	ASB	EP	10 51	9.7	4.9	.2	2.20	43	64	-.0
		ES	10 51	16.0					-.0	
14	AND	EP	10 51	9.9			45	24	-.1	
14	ACA	EP	10 51	9.9			44	43	.1	
14	ASC	IP	10 51	10.0			45	47	.1	
14	ASD	EP	10 51	10.7			51	64	-.0	
.....										
14	11 45	42.52	51.50 N 179.84 W	DEPTH = 68.2 KM				FREE DEPTH SOLUTION		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
14	ASD	EP	11 45	55.4	5.3	.1	2.74	58	258	-.1
14	SSI	IP D	11 45	55.6	6.6	.1	2.84	59	318	.0
14	ASB	IP	11 45	56.4	5.9	.1	2.81	66	257	.2
		ES	11 46	6.2					-.0	
14	ACE	EP	11 45	56.5				70	261	-.1
14	ASC	EP	11 45	56.7				69	267	.1
14	ACD	EP	11 45	56.8				72	264	-.0
14	ACB	IP	11 45	57.1				75	267	-.0
14	AND	IP D	11 45	58.1				84	275	-.0
14	ANA	IP	11 46	.4				105	278	-.0
.....										
14	16 40	30.31	51.33 N 179.78 E	DEPTH = 18.1 KM				FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
14	ASD	IP D	16 40	36.4	2.7	.1	2.08	31	282	-.0
14	ASB	IP D	16 40	37.3	7.9	.1	2.61	37	275	-.0
		IS	16 40	42.4					-.0	
14	ACE	IP D	16 40	38.1				43	281	-.0
14	ASC	IP D	16 40	38.6				45	289	.1
14	ACD	EP	16 40	38.6				46	284	-.0
14	ACB	EP	16 40	39.3				50	287	.1
14	AND	EP	16 40	41.0				63	294	-.1
.....										
14	17 35	6.75	51.48 N 178.72 E	DEPTH = 11.5 KM				FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
14	AND	IP D	17 35	10.6				18	60	-.1
14	ASC	EP	17 35	12.8				31	93	.1
14	ASB	EP	17 35	14.0	1.7	.1	1.93	39	110	.1
14	ASD	IP	17 35	14.7	2.4	.1	2.12	44	103	.0
		ES	17 35	20.4					-.1	
.....										
14	22 42	18.30	63.57 N 150.72 W	DEPTH = 159.0 KM				TELESEISMIC SOLUTION		
CENTRAL ALASKA										
.....										
15	ADK	EP	10 18	29.0						
		ES	10 18	41.9						
15	AMA	IP	10 18	37.1	25.9	.1				
15	ASD	EP	10 18	50.1	7.4	.1				
15	SSI	IP	10 18	50.7						
15	ASB	EP	10 18	51.1	5.7	.1				
		ES	10 19	30.6						
15	ASC	EP	10 18	52.2						

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
15	AND	EP	10 18 54.6							
15	RAT	EP	10 19 .2							
.....										
15	14	4	19.87	51.64 N	178.53 E	DEPTH = 85.4 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
15	ANA	IP	14 04 32.0				9	98	-.0	
15	RAT	IP	14 04 32.4				23	322	.0	
15	AND	IP	14 04 32.6				30	106	-.1	
15	ACF	IP	14 04 32.9				34	111	.0	
15	ACC	IP	14 04 33.1				39	116	-.0	
15	ACA	IP	14 04 33.4				44	113	-.0	
15	ACB	IP	14 04 33.4				43	116	.0	
15	ACD	IP	14 04 33.7				48	119	.0	
15	ASC	EP	14 04 33.8				48	114	.1	
15	ACE	IP	14 04 33.8				52	120	-.1	
15	ASB	IP	14 04 34.4	6.7	.1	2.90	58	122	-.0	
		ES	14 04 45.1						.0	
15	ASD	IP	14 04 34.9	4.6	.1	2.75	63	116	-.1	
15	SSI	IP	14 04 35.1	19.9	.1	3.42	78	68	-.0	
.....										
15	17	59	4.01	50.48 N	178.10 E	DEPTH = 0.0 KM				FIXED DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
15	ASB	EP	17 59 26.0				127	39	.3	
15	ASD	EP	17 59 26.5	1.4	.1	2.32	134	40	-.2	
		ES	17 59 43.2						-.0	
15	AND	EP	17 59 26.8				135	26	-.0	
15	ANA	EP	17 59 27.0				134	17	.3	
15	RAT	EP	17 59 28.6				148	6	-.2	
15	SSI	EP	17 59 34.7				188	33	-.3	
.....										
15	SSI	EP	18 57 32.4							
15	ASB	EP	18 57 37.7	3.5	.1	2.38				
		ES	18 57 43.9							
15	ASD	EP	18 57 38.0	4.2	.1	2.47				
15	ACE	EP	18 57 38.1							
.....										
16	0	53	38.38	51.50 N	179.96 W	DEPTH = 67.5 KM				FREE DEPTH SOLUTION
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
16	ASD	EPG	00 53 50.7	3.5	.1	2.53	50	257	.1	
		ES	00 53 59.6						.1	
16	ASB	EPG	00 53 51.3	1.9	.1	2.29	57	255	.0	
		ES	00 54 .6						-.0	
16	ACE	EPG	00 53 51.5				61	260	-.1	
16	ASC	EPG	00 53 51.6				61	267	.0	
16	ACD	EPG	00 53 51.9				63	263	.1	
16	ACB	EPG	00 53 52.0				66	267	-.1	
16	AND	EPG	00 53 52.9				76	276	-.2	
16	ANA	EPG	00 53 55.4				97	279	.1	
16	RAT	EP	00 53 58.4	1.4	.1	2.34	123	286	.1	QP
.....										
16	1	22	47.39	51.63 N	179.56 W	DEPTH = 77.1 KM				FREE DEPTH SOLUTION
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
16	SSI	EP	01 23 1.8	2.8	.1	2.51	65	296	.0	
16	ASD	EP	01 23 3.2	2.9	.1	2.57	81	251	-.0	
		ES	01 23 14.9						.1	
16	ASB	EP	01 23 4.0	3.4	.1	2.65	88	250	.0	
		ES	01 23 16.0						-.1	
16	ASC	EP	01 23 4.3				90	258	.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 16	AND	EP	01 23 5.5				103	266	-.1	
. 16	ANA	E(P)	01 23 7.8				123	270	.0	
.....										
. 16	1 24	20.29	51.18 N 179.71 E	DEPTH = 21.4 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
. 16	ASD	EPG	01 24 27.1	1.3	.1	1.81	35	313	-.0	V.SM.LOCAL
. 16	ASB	EPG	01 24 27.7	2.3	.1	2.09	38	303	.1	
		ES	01 24 32.9						-.0	
. 16	ACE	EPG	01 24 28.4				45	304	-.2	
. 16	ACD	EPG	01 24 29.1				49	305	-.0	
. 16	ASC	EPG	01 24 29.3				50	310	.1	
.....										
. 16	1 36	37.70	58.57 N 155.16 W	DEPTH = 127.0 KM			TELESEISMIC SOLUTION			
			ALASKA PENINSULA							
. 16	ASD	EP	01 40 14.3	23.9	.3		1805	255		NO S VISIBLE
. 16	ASB	EP	01 40 14.8	38.4	.3		1812	255		POSS REGIONAL
. 16	ASC	EP	01 40 15.2				1810	255		
. 16	AND	EP	01 40 16.4				1816	256		
. 16	ANA	EP	01 40 18.2				1828	256		
. 16	RAT	EP	01 40 18.3	15.3	.3		1836	257		
.....										
. 16	2 14	4.28	51.41 N 179.29 E	DEPTH = 51.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
. 16	ASD	EPG	02 14 12.1	1.7	.1	2.02	4	116	-.0	
. 16	ACE	EPG	02 14 12.1				8	266	-.1	
. 16	ASB	EPG	02 14 12.2	1.1	.1	1.84	6	212	.0	
		IS	02 14 17.9						-.0	
. 16	ASC	EPG	02 14 12.4				11	305	.1	
. 16	ACA	EPG	02 14 12.4				15	305	-.0	
. 16	ACD	EPG	02 14 12.4				11	283	.1	
. 16	ACB	EPG	02 14 12.5				15	294	.0	
. 16	ACF	EPG	02 14 13.0				25	303	.0	
. 16	AND	EPG	02 14 13.2				29	307	-.1	
.....										
. 16	4 58	.30	28.90 N 103.72 E	DEPTH = 33.0 KM			TELESEISMIC SOLUTION			
			SZCHWAN PROVINCE, CHINA							
. 16	RAT	EP	05 07 55.6				6513	45		TELE
. 16	ANA	EP	05 07 58.4				6539	45		
. 16	AND	EP	05 07 58.6				6560	45		
. 16	ASB	EP	05 07 59.9				6583	45		
. 16	ASD	EP	05 08 .5				6589	45		
.....										
. 16	6 57	6.39	51.41 N 179.34 E	DEPTH = 40.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
. 16	ASD	IPGD	06 57 12.8	16.2	.1	2.91	2	183	-.1	
		ES	06 57 17.4						-.3	
. 16	ASB	IPG	06 57 13.1	4.7	.1	2.38	9	230	.0	
		IS	06 57 17.8						-.2	
. 16	ACE	IPG	06 57 13.2				12	264	-.0	
. 16	ACD	EPG	06 57 13.5				15	278	.2	
. 16	ASC	IPG	06 57 13.6				14	295	.3	
. 16	ACA	IPG	06 57 13.7				17	297	.2	
. 16	ACB	EPG	06 57 13.7				18	288	.1	
. 16	ACC	EPG	06 57 14.0				22	291	.1	

 

PAGE 71-08- 71

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	ACF	EPG	06 57 14.5			27	298	.2	
16	AND	IPG	06 57 14.7			32	302	.0	
16	ANA	IPG	06 57 17.1			53	297	.0	
16	SSI	IPGD	06 57 17.5	12.0	.1	2.99	56	17	.0
		ES	06 57 25.7					.2	
16	RAT	IPG	06 57 20.6	23.8	.1	3.40	82	302	-.3
		ES	06 57 31.1					-.4	
.....									
16	8	1	19.55	51.75 N	178.47 E	DEPTH = 136.4 KM			FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS					
16	ANA	E(P)	08 01 38.1			19	136	-.0	QP
16	ASB	EP	08 01 40.1	.7	.1	2.07	69	128	-.0
		ES	08 01 55.1					-.0	
16	ASD	EP	08 01 40.3	2.5	.1	2.63	72	123	-.0
.....									
16	9	10	55.78	52.03 N	179.75 E	DEPTH = 38.5 KM			FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS					
16	ASD	EP	09 11 9.4	.7	.1	1.84	76	202	-.0
16	ASB	EP	09 11 10.2	.6	.1	1.80	82	205	-.0
		ES	09 11 20.7					-.0	QP, QS
16	RAT	EP	09 11 12.9	1.3	.1	2.20	101	256	.1
.....									
16	9	37	.34	51.53 N	179.93 W	DEPTH = 72.8 KM			FREE DEPTH SOLUTION
				DELAROF ISLANDS, ALEUTIAN ISLANDS					
16	ASD	IPG	09 37 13.3	2.9	.1	2.48	53	253	-.0
		ES	09 37 22.8					.0	
16	ASB	EPG	09 37 13.9	1.4	.1	2.18	60	252	-.0
		ES	09 37 23.8					-.0	
16	ASC	EPG	09 37 14.3				63	263	.1
16	AND	EPG	09 37 15.4				77	273	-.2
16	ANA	EPG	09 37 17.8				98	277	.1
.....									
16	10	10	10.77	51.54 N	179.62 E	DEPTH = 83.1 KM			FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS					
16	ASD	EP	10 10 23.0	1.4	.1	2.15	26	229	-.1
16	ASB	EP	10 10 23.5	3.6	.1	2.57	33	232	.1
		ES	10 10 32.7					.0	
16	ASC	EP	10 10 23.6				33	255	.2
16	SSI	E(P)	10 10 23.8	1.7	.1	2.26	39	356	.0
16	AND	EP	10 10 24.1				46	273	-.1
16	ANA	EP	10 10 25.9				67	278	.1
.....									
16	10	58	22.22	51.86 N	179.78 E	DEPTH = 104.8 KM			FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS					
16	SSI	IP	10 58 36.8	7.3	.1	2.94	14	287	-.0
16	ASD	EP	10 58 38.8	3.8	.1	2.71	60	210	-.0
		ES	10 58 51.1					.1	
16	ASC	EP	10 58 39.1				61	224	.2
16	ASB	EP	10 58 39.2	4.8	.1	2.82	66	214	-.1
		ES	10 58 51.6					-.1	
16	AND	EP	10 58 39.2				66	240	-.0
16	ANA	EP	10 58 40.5				81	252	.1
16	RAT	EP	10 58 42.0	5.2	.1	2.92	100	267	-.1

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	ASD	EPG	11 09 33.0	1.4	.1	2.03				
16	ASB	EPG	11 09 33.3	4.2	.1	2.52				
		ES	11 09 40.5							
16	ACE	EPG	11 09 34.1							
16	ACB	EPG	11 09 35.8							
.....										
16	11 19 37.59	51.17 N 177.99 E DEPTH = 17.8 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
16	ANA	EPG	11 19 49.6				69	42	.3	
		ES	11 19 58.0						.2	
16	RAT	IPG	11 19 49.7	4.1	.1	2.56	74	18	-.4	
16	AND	EPG	11 19 51.0				80	56	.1	
16	ASB	E(P)	11 19 52.5	.8	.1	1.93	90	76	.0	
		ES	11 20 2.9						-.4	
16	SSI	EP	11 19 59.6				137	53	.1	TAMP OBSCURED
.....										
16	12 21 30.79	52.11 N 179.41 E DEPTH = 175.3 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
16	AND	EP	12 21 55.9				69	208	.1	
16	ASC	EP	12 21 56.0				74	194	-.0	
16	ANA	EP	12 21 56.1				75	224	.0	
16	ASD	EP	12 21 56.3	2.7	.1	2.75	80	184	-.1	
16	RAT	IP	12 21 56.4	8.0	.1	3.23	82	246	-.1	
16	ASB	EP	12 21 56.6	2.2	.1	2.67	84	188	.0	
		ES	12 22 15.4						-.0	
.....										
16	14 42 9.02	51.31 N 179.18 E DEPTH = 46.5 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
16	ASB	EPG	14 42 16.2	1.0	.1	1.76	7	40	-.2	
		IS	14 42 21.6						-.2	
16	ACE	EPG	14 42 16.3				10	358	-.2	QP
16	ASD	EPG	14 42 16.4	.8	.1	1.70	15	51	-.2	
16	ACD	EPG	14 42 16.9				14	348	.3	QP
16	AND	EPG	14 42 17.0				32	331	-.9	
16	ACB	EPG	14 42 17.0				18	341	.2	
16	ASC	EPG	14 42 17.8				17	357	1.0	
16	ANA	EPG	14 42 19.8				50	315	.1	
.....										
16	15 31 53.18	51.22 N 178.62 E DEPTH = 25.0 KM						FIXED DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
16	ACC	EPG	15 32 1.3				42	44	.1	
16	ACD	EPG	15 32 1.3				43	56	-.1	
16	ACB	EPG	15 32 1.4				43	50	.1	
16	ACE	EPG	15 32 1.4				44	62	-.0	
16	AND	EPG	15 32 1.6				45	31	-.0	
16	ANA	EPG	15 32 1.7				46	4	-.0	
16	ACA	EPG	15 32 1.7				46	49	-.0	QP
16	ASB	EPG	15 32 1.8	1.0	.1	1.81	47	69	-.0	V.SM.LOCAL
		IS	15 32 8.1						-.1	
16	ASC	EPG	15 32 2.0				47	54	.1	

PAGE 71-08- 73

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	16 10	13.64	51.06 N 179.28 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION.			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
16	ASD	EPG	16 10 30.3	2.0	.1	2.41	103	292	-.3	
16	ASB	EPG	16 10 31.4	2.5	.1	2.53	108	289	.1	
		ES	16 10 44.1						-.0	
16	ASC	EP	16 10 32.6				117	293	.2	
		ES	16 10 46.1						.0	
16	18 6	57.37	51.41 N 179.83 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
16	ASD	EP	18 07 7.5	.8	.1	1.80	57	268	-.1	
16	ASB	EP	18 07 8.6	2.1	.1	2.23	64	265	.0	
		ES	18 07 16.7						-.0	
16	ASC	EP	18 07 9.4				70	275	.0	
16	ASD	IPGD	18 19 10.6	.8	.1	1.82				
		ES	18 19 17.9							
16	ASB	EPG	18 19 11.7	.5	.1	1.63				
		ES	18 19 19.7							
16	ASD	IPGD	18 19 12.2	2.4	.1	2.27				
		ES	18 19 19.5							
16	ASB	EPG	18 19 13.4	1.5	.1	2.10				
		ES	18 19 21.2							
16	19 32	7.64	51.76 N 179.72 W	DEPTH = 92.4 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
16	SSI	IP	19 32 21.7	2.3	.1	2.44	50	288	-.0	
		ES	19 32 32.5						.1	
16	AMA	E(P)	19 32 22.9	3.2	.1	2.62	67	141	-.1	
16	AMA	E(P)	19 32 22.9				67	141	-.1	
16	ASD	EP	19 32 23.7	1.0	.1	2.12	77	238	-.1	
16	ASB	EP	19 32 24.5	1.0	.1	2.15	84	239	.1	
		ES	19 32 36.9						-.2	
16	ASC	EP	19 32 24.6				84	248	.2	
16	AND	EP	19 32 25.4				94	257	.0	
16	ANA	EP	19 32 27.3				113	263	.1	
16	RAT	IP	19 32 29.3	2.0	.1	2.55	135	273	-.2	
16	22 35	29.64	51.92 N 178.72 E	DEPTH = 99.1 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	RAT	IP	22 35 44.1	2.1	.1	2.40	30	244	.1	
		ES	22 35 54.2						-.3	
16	ANA	EP	22 35 44.4				33	187	.3	
16	AND	IP	22 35 44.6				43	157	-.0	
16	SSI	EP	22 35 45.7	.9	.1	2.07	60	92	.0	
16	ASC	IP	22 35 45.8				59	148	.2	
16	ASB	EP	22 35 46.3	1.1	.1	2.18	72	149	-.3	
		ES	22 35 59.2						.2	
16	ASD	EP	22 35 46.5	.8	.1	2.07	73	143	-.2	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
16	22 41	11.69	51.46 N 178.64 E	DEPTH = 34.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
16	ANA	IPGC	22 41 18.3				19	4	.2	
16	AND	IPGD	22 41 18.6				24	62	.1	
16	ACF	EPG	22 41 18.7				25	73	.1	
16	ACC	EPG	22 41 19.2				28	84	.3	
16	ACB	EPG	22 41 19.4				31	89	.2	
16	ACA	EPG	22 41 19.6				33	86	.2	
16	ACD	IPG	22 41 19.7				34	96	.1	
16	ACE	EPG	22 41 19.8				37	100	-.1	
16	ASC	IPG	22 41 19.9				36	89	.1	
		ES	22 41 25.9						.2	
16	ASB	IPG	22 41 20.3	2.3	.1	2.19	43	105	-.3	
		ES	22 41 26.5						-.7	
16	RAT	IPG	22 41 20.6	3.0	.1	2.30	44	330	-.1	
		ES	22 41 26.7						-.5	
16	ASD	IPGD	22 41 21.1	4.5	.1	2.51	49	99	-.3	
16	SSI	IPG	22 41 25.9	4.0	.1	2.61	81	53	.1	
		ES	22 41 35.8						-.2	
.....										
16	22 45	3.35	51.23 N 178.60 E	DEPTH = 28.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
16	ACC	IPG	22 45 11.8				42	47	.2	
16	ACB	EPG	22 45 11.9				43	53	.2	
16	ACD	IPG	22 45 11.9				43	59	.1	
16	ACE	IPG	22 45 11.9				44	64	-.0	
16	ACF	IPG	22 45 12.0				43	40	.3	
16	ASB	IPGD	22 45 12.1	439.7	.1	4.47	47	72	-.2	
		ES	22 45 18.4						-.5	
16	AND	IPGD	22 45 12.1				44	33	.1	
16	ACA	IPG	22 45 12.3				46	52	.2	
16	ANA	IPGD	22 45 12.3				44	5	.3	
16	ASC	IPGC	22 45 12.4				47	56	.1	
16	ASD	IPGD	22 45 12.9	69.9	.2	3.41	55	71	-.5	POOR TAMP
16	RAT	IPGD	22 45 14.7	43.8	.2	3.27	66	344	-.3	
		IS	22 45 23.0						-.5	
16	SSI	IPGD	22 45 20.1				101	42	.0	WHITE OUT
.....										
16	22 56	46.74	51.22 N 178.64 E	DEPTH = 27.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
16	ACB	EPG	22 56 55.0				42	49	.1	
16	ACD	EPG	22 56 55.1				42	56	.1	
16	AND	EPG	22 56 55.2				44	30	-.1	
16	ASB	IPG	22 56 55.3	2.3	.1	2.17	45	70	-.1	
		ES	22 57 1.7						-.0	
16	ANA	EPG	22 56 55.4				45	2	-.0	QP
.....										
16	23 14	45.49	51.15 N 178.83 E	DEPTH = 27.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
16	ASB	IPG	23 14 53.1	5.3	.1	2.48	38	51	-.0	
		ES	23 14 58.3						-.4	
16	ACE	EPG	23 14 53.1				37	40	.0	
16	ACD	IPG	23 14 53.3				38	35	.1	
16	ACB	IPG	23 14 53.5				40	28	.1	
16	ACC	EPG	23 14 53.6				40	22	.1	
16	ASC	IPG	23 14 53.8				42	34	.1	
16	ACA	EPG	23 14 53.8				42	29	.1	
16	ASD	IPG	23 14 53.9	2.8	.1	2.25	45	53	-.2	

PAGE 71-08- 75

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 16	ACF	EPG	23 14 54.1				44	15	.2	
. 16	AND	IPG	23 14 54.4				47	11	.0	
. 16	ANA	EPG	23 14 55.5				54	348	.1	
. 16	RAT	EP	23 14 58.8	3.3	.1	2.51	80	335	-.4	
. 16	SSI	EP	23 15 1.8	7.3	.1	2.93	98	32	-.0	
.....										
17	ANA	E(P)	00 00 2.0							QP
.....										
. 17	0 2 27.81	51.00 N 179.71 E	DEPTH = 50.0 KM				FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
. 17	ASD	EP	00 02 38.5	4.6	.2	2.29	50	330	-.2	
. 17	ACE	EP	00 02 39.3				58	320	-.2	
. 17	ACD	EP	00 02 39.9				62	320	-.1	
. 17	ASB	EP	00 02 38.8	13.8	.2	2.77	51	321	.0	QS
	ES		00 02 46.7						-.1	
. 17	ASC	EP	00 02 40.6				64	324	.4	
. 17	AND	EP	00 02 42.3				82	320	.0	
.....										
17	ACA	EPG	00 07 .1							
17	ACE	EPG	00 07 .1							
17	ASD	EPG	00 07 .1	1.3	.1	1.95				
17	ACD	EPG	00 07 .2							
17	ASB	EPG	00 07 .2	.7	.1	1.70				
	ES		00 07 6.7							
17	ASC	EPG	00 07 .2							
17	ACF	EPG	00 07 .5							
17	AND	EPG	00 07 .5							
17	SSI	IPG	00 07 3.1	3.0	.1	2.45				
	ES		00 07 12.0							
.....										
. 17	0 27 .58	50.82 N 178.55 E	DEPTH = 30.0 KM				FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
. 17	ASB	IPGC	00 27 13.9	64.4	.1	3.79	77	39	-.0	
	ES		00 27 23.4						-.2	
. 17	ACE	EPG	00 27 14.0				78	34	.0	
. 17	ACD	IPG	00 27 14.3				79	31	.1	
. 17	ACB	EPG	00 27 14.5				81	28	.1	
. 17	ASD	IPGC	00 27 14.6	61.7	.1	3.80	84	41	-.3	
. 17	ACC	EPG	00 27 14.6				82	25	.1	
. 17	ASC	IPG	00 27 14.8				83	31	.0	
. 17	ACA	EPG	00 27 14.9				84	28	.1	
. 17	ACF	IPG	00 27 15.1				84	21	.2	
. 17	AND	IPGC	00 27 15.3				87	19	-.1	
. 17	ANA	IPGC	00 27 16.0				90	5	.2	
. 17	RAT	IP C	00 27 18.4	40.5	.2	3.42	110	352	-.3	
. 17	SSI	IP	00 27 23.0	51.0	.1	3.91	139	31	-.1	QS
	ES		00 27 39.6						.1	
. 17	AMA	EP	00 27 27.1	3.9	.1	2.87	172	71	.0	QP
.....										
. 17	0 57 43.58	51.23 N 178.67 E	DEPTH = 25.1 KM							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS	
17	AMA	EP	01 28 35.6	14.4	.3					POSS REGIONAL NO S VISIBLE	
17	ASD	EP	01 28 46.1	2.9	.2						
17	ASB	EP	01 28 46.6	4.1	.2						
17	ASC	EP	01 28 47.5								
17	SSI	E(P)	01 53 50.4	.7	.1	1.83				QP	
		ES	01 53 59.5								
17	ASD	EP	01 53 51.3	.7	.1	1.86					
17	ASB	EP	01 53 51.7	1.2	.1	2.10					
		ES	01 54 1.7								
17	ANA	E(P)	01 53 53.7								
17	RAT	EP	01 53 54.6	.4	.1						
.....											
17	3 39 2.47		51.45 N 178.96 E	DEPTH = 48.7 KM			FREE DEPTH SOLUTION				
			RAT ISLANDS, ALEUTIAN ISLANDS								
17	AND	EPG	03 39 10.2				13	356	-.1		
17	ACB	EPG	03 39 10.2				9	79	.1		
17	ACD	EPG	03 39 10.2				12	100	-.1		
17	ACF	EPG	03 39 10.2				9	13	.1		
17	ACE	EPG	03 39 10.3				15	110	-.1		
17	ASC	EPG	03 39 10.4				14	83	.1		
17	ASB	EPG	03 39 10.7	1.5	.1	1.98	22	116	-.0		
		ES	03 39 16.8						.0		
17	ASD	EPG	03 39 11.1	2.0	.1	2.12	27	103	.0		
17	SSI	EPG	03 39 15.0	3.4	.1	2.51	66	41	.0	QTAMP	
		ES	03 39 24.0						-.1		
.....											
17	ASB	IP	04 09 23.4	11.8	.1	3.29				QP	
		ES	04 09 39.6								
17	ASD	EP	04 09 23.9	2.7	.1	2.65					
17	SSI	EP	04 09 27.7	.6	.1						
.....											
17	5 7 51.46		51.87 N 178.88 E	DEPTH = 108.3 KM			FREE DEPTH SOLUTION				
			RAT ISLANDS, ALEUTIAN ISLANDS								
17	AND	IPG	05 08 6.9				35	172	-.2		
17	ANA	EPG	05 08 7.1				31	209	.1		
17	ASB	IPG	05 08 8.6	6.5	.2	2.66	62	156	-.0		
		ES	05 08 21.0						-.1		
17	ASD	EPG	05 08 8.7	1.5	.1	2.34	62	149	.1		
		IS	05 08 21.3						.2		
.....											
17	9 32 18.30		51.67 N 178.73 E	DEPTH = 87.0 KM			FREE DEPTH SOLUTION				
			RAT ISLANDS, ALEUTIAN ISLANDS								
17	ANA	EPG	09 32 30.7				7	225	.1		
17	AND	EPG	09 32 30.8				19	128	-.1		
17	RAT	IPG	09 32 31.2	7.4	.1	2.89	31	298	-.1		
17	ACF	EPG	09 32 31.3				24	131	.3		
17	ACB	EPG	09 32 31.5				34	132	.0		
17	ACD	EPG	09 32 31.8				39	133	.1		
17	ASB	EPG	09 32 32.3	.5	.1	1.76	50	134	-.1		
		ES	09 32 42.6						-.1		
17	ASD	EPG	09 32 32.5	1.0	.1	2.05	52	126	-.1		
		ES	09 32 43.0						-.0		

PAGE 71-08- 77

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
17	13 15	17.08	50.80 N 178.53 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	ASB	EPG	13 15 30.8	1.2	.1	2.07	80	39	.2	OS
		ES	13 15 40.5						-.0	
17	ACE	EPG	13 15 30.8				81	34	.1	
17	ASD	EPG	13 15 31.4	1.8	.1	2.28	87	41	-.2	
17	ASC	EPG	13 15 31.6				86	31	.1	
17	AND	EPG	13 15 32.0				90	19	-.1	
17	14 47	59.36	51.53 N 178.96 E	DEPTH = 72.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	AND	IPG	14 48 9.7				4	352	-.2	
17	ACF	EPG	14 48 9.9				2	88	.1	
17	ASC	IPG	14 48 10.1				16	116	.0	
17	ACD	EPG	14 48 10.2				16	132	.1	
17	ACE	EPG	14 48 10.2				20	133	-.0	
17	ANA	IPG	14 48 10.4				24	299	.0	
17	ASB	IPG	14 48 10.5	15.6	.1	3.15	27	133	-.0	
		IS	14 48 18.7						.0	
17	ASD	IPG	14 48 10.6	13.4	.1	3.09	30	119	-.1	
		ES	14 48 19.0						.0	
17	SSI	IPGD	14 48 12.9	18.6	.1	3.30	59	46	.1	
		ES	14 48 22.6						-.1	
17	AOK	EP D	14 49 17.2							
		ES	14 49 29.8							
17	AMA	E(P)	14 49 39.3	45.3	.2					VQP
17	ASD	EP	14 49 52.1	19.6	.2					QP
17	ASB	EP	14 49 53.3	18.9	.2					QP
		E(S)	14 50 38.9							
		E	14 50 47.1							
17	ASC	EP	14 49 54.0							QP
17	AND	EP	14 49 56.0							QP
17	ANA	EP	14 49 58.6							QP
17	18 39	55.25	51.85 N 179.65 W	DEPTH = 102.0 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
17	SSI	EP	18 40 11.1	4.0	.1	2.71	53	275	-.0	
17	ASD	E(P)	18 40 13.6	4.2	.1	2.80	87	234	-.1	
		ES	18 40 27.3						.2	
17	ASB	EP	18 40 14.3	2.8	.1	2.63	94	235	-.0	
		ES	18 40 28.1						-.2	
17	ASC	EP	18 40 14.4				93	243	.2	
17	AND	EP	18 40 15.1				102	252	-.0	
17	ANA	EP	18 40 16.7				119	258	-.1	
17	19 29	47.18	50.85 N 177.47 E	DEPTH = 75.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	AND	IPG	19 30 8.3				130	52	.0	
		ES	19 30 23.7						.0	
17	ACF	EPG	19 30 8.3				130	54	.0	
17	ACB	E(P)	19 30 8.4							

PAGE 71-08- 78

AUG 1971	STA	PHASE	TIME (GMT)		AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
17	ASB	IPG	20 31	11.1	10.2	.1	2.71				
		IS	20 31	15.5							
17	ASD	IPG	20 31	11.3	2.8	.1	2.16				
.....											
17	21 31	53.19	51.43 N	178.79 E	DEPTH = 45.1 KM			FREE DEPTH SOLUTION			
	RAT ISLANDS, ALEUTIAN ISLANDS										
17	AND	IPGD	21 32	.9				19	37	.0	
17	AGC	EPG	21 32	.9				19	70	.0	
17	ACB	EPG	21 32	1.0				21	79	-.0	
17	ACF	EPG	21 32	1.0				18	53	.2	
17	ACA	EPG	21 32	1.3				24	75	.1	
17	ACD	EPG	21 32	1.3				24	90	.1	
17	ANA	IPGD	21 32	1.4				24	338	.2	
17	AGE	EPG	21 32	1.4				27	96	-.0	
17	ASC	IPG	21 32	1.7				26	82	.3	
17	ASB	IPGC	21 32	1.9	40.1	.1	3.43	33	103	-.0	QDIR
		IS	21 32	7.8						-.5	
17	ASD	IPGC	21 32	2.6	24.5	.1	3.24	39	96	.1	
		IS	21 32	8.9						-.4	
17	RAT	IPGD	21 32	3.5	62.1	.1	3.71	52	323	-.5	
17	SSI	IPGD	21 32	6.9				76	47	.1	WHITE OUT
		ES	21 32	16.6						-.1	
.....											
17	AND	EP	22 08	55.0							
17	ASB	EP	22 08	55.1	2.9	.1					
17	ASC	IP	22 08	55.4							
17	ASD	EP	22 08	55.9	1.3	.1					
.....											
17	23 46	41.40	15.52 S	173.45 W	DEPTH = 70.0 KM MB = 5.5			TELESEISMIC SOLUTION			
	TONGA ISLANDS										
17	ASB	EP	23 57	28.4	9.0	.4		7439	355		TELE
17	ASD	EP	23 57	28.6	6.4	.4		7441	355		
17	ASC	EP	23 57	29.1				7451	355		
17	AND	EP	23 57	29.8				7464	355		
17	SSI	EP	23 57	31.6	27.0	.4		7494	355		
17	RAT	EP	23 57	32.2	7.7	.4		7496	354		
.....											
18	1 1	12.99	51.24 N	178.55 E	DEPTH = 33.8 KM			FREE DEPTH SOLUTION			
	RAT ISLANDS, ALEUTIAN ISLANDS										
18	AND	IP	01 01	22.2				46	37	.0	
18	ANA	IP	01 01	22.3				44	10	.3	
18	ASB	EP	01 01	22.6	2.3	.1	2.22	50	74	-.1	
		ES	01 01	29.6						-.2	
18	ASC	IP 0	01 01	22.6				49	59	-.0	
18	ASD	EP	01 01	23.9	1.8	.1	2.16	57	72	.2	
18	RAT	IP	01 01	24.4	5.5	.1	2.67	65	346	-.3	
18	SSI	IP	01 01	30.1				102	44	-.0	
.....											
18	1 6	43.39	52.34 N	178.11 E	DEPTH = 130.0 KM			FREE DEPTH SOLUTION			
	RAT ISLANDS, ALEUTIAN ISLANDS										
18	RAT	IP	01 07	2.8				62	166	-.1	
18	ANA	EP	01 07	4.6				88	155	.0	
18	AND	EP	01 07	5.9				104	146	.1	
18	ASC	EP	01 07	7.5				122	143	.2	
18	ASD	EP	01 07	8.4	2.0	.1	2.60	136	141</		

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
18	2	8	59.56	50.30 N	178.55 E	DEPTH = 25.7 KM				FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
18	ASB	IP C	02 09 20.5	16.8	.1	3.39	128	22	.2	
		ES	02 09 35.1						-.2	
18	ASD	IP C	02 09 21.1	25.1	.1	3.58	134	24	-.0	
18	ASC	IP	02 09 21.7				136	18	-.1	
18	AND	IP	02 09 22.5				143	11	-.1	
18	ANA	IP	02 09 23.2				148	3	-.1	
18	RAT	EP	02 09 25.6				168	355	-.3	
18	ANA	IP	02 09 29.3	13.6	.1	3.47	198	55	-.4	
18	SSI	EP	02 09 29.6				192	22	-.7	
.....										
18	ASD	EP	06 20 1.9	2.2	.1	2.30				
18	ANA	EP	06 20 2.1							
18	ASC	EP	06 20 2.8							
		ES	06 20 11.7							
.....										
18	7	27	11.66	52.04 N	177.74 E	DEPTH = 121.5 KM				FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
18	RAT	IP	07 27 29.3				48	123	-.1	
18	ANA	EP	07 27 31.5				78	125	.2	
18	AND	EP	07 27 32.8				99	122	-.1	
18	ASC	EP	07 27 34.6				117	122	.1	
18	SSI	IP	07 27 35.5				128	96	.0	
18	ASD	IP	07 27 35.6	4.1	.1	2.90	132	122	-.3	
		ES	07 27 53.5						-.0	
18	ASB	EP	07 27 35.6	6.6	.1	3.10	128	125	.1	
.....										
18	NIK	IPC	07 55 41.4							
18	SSI	EP	07 57 20.3							
18	ASD	EP	07 57 23.3							TELESEISMIC
18	ASB	EP	07 57 24.1							
18	ASC	EP	07 57 24.6							
18	AND	EP	07 57 26.1							
18	ANA	EP	07 57 28.4							
.....										
18	8	21	59.60	51.41 N	179.45 W	DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS										
18	ASD	EP	08 22 13.4	14.7	.1	3.18	84	269	-.3	
18	SSI	EP	08 22 13.7				86	309	-.3	
		I	08 22 15.8							
18	ASB	IP	08 22 14.5	5.6	.1	2.78	91	267	-.2	
		ES	08 22 25.6						-.1	
18	ASC	IP	08 22 15.7				96	274	.1	
18	AND	EP	08 22 18.5				112	279	.6	
18	ANA	EP	08 22 21.3				133	281	.2	
.....										
18	ASB	IP	10 52 37.6	2.5	.1	2.24				
		ES	10 52 43.9							
18	ASD	EP	10 52 38.0	1.4	.1	2.00				
18	AND	EP	12 13 20.1							
.....										
18	13	50	53.28	51.69 N	178.94 E	DEPTH = 194.9 KM				FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
18	ANA	EP	13 51 19.0				21	251	-.0	
18	ASC	IP	13 51 19.3				29	148	.1	
18	ASD	EP	13 51 19.4	9.2	.1	3.30	43	140	-.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
18	ASB	EP	13 51 19.5	4.6	.1	2.99	42	150	.0	
		ES	13 51 38.6						.0	
.....										
18	14 0	0.00	37.06 N 116.04 W	DEPTH = 9.0 KM MB = 5.4			TELESEISMIC SOLUTION			
SOUTHERN NEVADA										
18	ADK	EP	14 08 12.8				4942	310	0	
.....										
18	15 4	45.87	51.11 N 179.58 W	DEPTH = 31.2 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
18	AMA	IP	15 04 53.9				39	59	-.0	
18	ASD	EP	15 04 59.7	5.2	.1	2.72	81	293	-.1	
18	ASB	EP	15 05 .4	6.1	.1	2.81	86	289	-.1	
		ES	15 05 11.0						-.2	
18	ASC	IP	15 05 1.9				96	295	-.0	
18	SSI	IP	15 05 3.2				104	327	-.0	
18	AND	EP	15 05 4.6				114	297	-.0	
18	ANA	EP	15 05 8.2				135	296	.5	
18	RAT	EP	15 05 11.2				164	299	-.1	
.....										
18	ASD	EP	17 21 28.6	14.3	.1					
18	ASB	EP	17 21 29.7							
18	ASC	EP	17 21 30.2							
18	ANA	EP	17 21 34.2							
.....										
18	17 35	19.78	51.48 N 179.95 E	DEPTH = 36.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
18	ASD	EP	17 35 28.9	2.8	.1	2.28	43	257	.0	
18	ASB	EP	17 35 29.8	2.0	.1	2.17	51	255	.0	
		ES	17 35 37.1						.0	
18	ASC	EP	17 35 30.3				54	268	-.0	
.....										
18	19 58	18.80	43.68 N 147.43 E	DEPTH = 41.0 KM MB = 4.7			TELESEISMIC SOLUTION			
KURIL ISLANDS										
.....										
18	21 24	3.57	51.42 N 179.21 E	DEPTH = 53.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
18	ASD	EP	21 24 10.9				10	108	-.9	
18	ASB	IP	21 24 12.2	7.6	.1	2.69	7	158	.5	
		ES	21 24 17.3						-.4	
18	AND	EP	21 24 12.5				24	312	.1	
18	ASC	IP	21 24 12.6				6	328	.9	
18	ANA	EP	21 24 13.7				45	302	-.4	
.....										
18	RAT	EP	21 33 47.5							
		ES	21 34 6.9							
18	AND	EP	21 33 49.3							
18	ANA	EP	21 33 50.5							
18	ASC	EP	21 33 54.8							
.....										
18	ASC	EP	23 20 5.3							
18	ASB	EP	23 20 6.3							
		ES	23 20 22.3							
18	ASD	IP	23 20 9.0	1.8	.1	2.51				

PAGE 71-08- 81

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
18	AND	EP	23 20 9.6							
18	ANA	EP	23 20 9.9							
18	SSI	IP	23 20 17.4	8.3	.1					
18	AMA	IP	23 20 19.7							
.....										
19	5 39 11.95		51.35 N 179.67 E	DEPTH = 54.3 KM				FREE DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS							
19	ASD	IP	05 39 20.9	4.5	.1	2.50	24	282	-.0	
19	ASB	IP	05 39 21.3	3.1	.1	2.36	30	273	-.0	
		ES	05 39 28.2						.0	
19	ASC	IP	05 39 22.1				38	290	.2	
19	AND	IP	05 39 23.3				55	296	-.3	
19	SSI	EP	05 39 24.2	2.4	.1	2.36	61	354	.0	
19	ANA	IP	05 39 26.0				77	294	.0	
19	RAT	IP	05 39 29.5				106	299	.1	
.....										
19	ASD	EP	10 20 4.9							VERY POOR
19	ASB	EP	10 20 5.8							
		ES	10 20 36.6							
19	ASC	EP	10 20 7.8							
19	ADK	IP C	10 19 34.4							
		ES	10 19 42.7							
19	ANA	EP	13 41 11.7							
19	ASC	EP	13 41 13.7							
19	ASD	EP	13 41 14.0							TELESEISMIC
19	ASB	EP	13 41 14.1							
.....										
19	13 43 31.34		52.08 N 178.29 E	DEPTH = 144.6 KM				FREE DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS							
19	AND	EP	13 43 53.0				73	141	-.0	
19	ASC	EP	13 43 54.3				91	138	.1	
19	ASB	EP	13 43 55.1	3.6	.1	2.84	104	140	-.0	
19	ASD	IP	13 43 55.2	2.9	.1	2.76	106	136	-.1	
		ES	13 44 12.7						-.0	
.....										
19	NIK	IP	17 43 32.6							
19	ASD	EP	17 45 16.8	6.9	.1					
19	ASB	EP	17 45 17.9	9.7	.1					
19	ASC	EP	17 45 18.6							
19	AND	EP	17 45 19.8							
19	ANA	EP	17 45 20.6							
19	ASD	IP	18 09 40.2	6.9	.1	2.74				
19	ASB	EP	18 09 40.6	7.4	.1	2.78				
		ES	18 09 48.2							
19	ASC	EP	18 09 42.2							
19	AND	EP	18 09 44.7							
.....										
19	18 41 52.08		51.81 N 178.88 E	DEPTH = 92.9 KM				FREE DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS							
19	AND	IP	18 42 5.6				28	169	-.0	
19	ANA	IP	18 42 5.7				25	217	.2	
19	RAT	IP C	18 42 6.0	13.9	.1	3.20	38	269	-.1	
19	ASC	IP	18 42 6.4				43	153	.0	
19	SSI	IP D	18 42 6.8	2.2	.1	2.42	50	79	.0	
19	ASD	IP C	18 42 7.2	2.2	.1	2.44	56	145	-.0	
19	ASB	IP C	18 42 7.2	2.0	.1	2.39	56	153	-.0	
		IS	18 42 18.2						-.0	

PAGE 71-08- 82

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
19	AMA	EP	18 57 12.2	51.0	.3					
19	ASD	EP	18 57 20.9	4.5	.1	2.87				
19	ASB	EP	18 57 21.1	3.6	.1	2.78				
		ES	18 57 37.8							
19	ASC	EP	18 57 22.6							
19	AND	EP	18 57 24.5							
.....										
19	22 15 37.70	49.29 N 155.45 E	DEPTH = 33.0 KM	MB = 6.0	MS = 6.1	TELESEISMIC SOLUTION				
KURIL ISLANDS										
19	ANA	EP	22 19 8.3				1663	72		
19	AND	EP	22 19 10.6				1683	72		
19	ASC	EP	22 19 12.5				1698	73		
19	ASB	EP	22 19 12.9	32.0	.3		1704	73		
		E(T)	22 33 57.1							
19	ASD	EP	22 19 14.4	53.5	.4		1711	73		
		ES	22 21 48.6							
19	ADK	EP	22 19 43.4				1984	71		
.....										
20	J 37 5.79	51.39 N 178.48 E	DEPTH = 125.0 KM	FIXED DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
20	RAT	EP	00 37 21.8	4.9	.1	2.86	47	347	-2.1	
20	ASD	IP	00 37 23.5	9.4	.1	3.16	60	90	-1.1	
20	AND	EP	00 37 23.8				38	59	.3	
20	ACB	EP	00 37 23.8				43	79	.1	
20	ASC	IP	00 37 23.9				48	80	-1.1	
20	ACE	EP	00 37 23.9				48	88	-1.1	
20	ASB	IP	00 37 24.0				53	93	-2.2	
		ES	00 37 37.1						-1.6	
20	ACC	EP	00 37 24.0				40	75	.4	
20	ACF	EP	00 37 24.0				39	67	.5	
20	ACD	EP	00 37 24.1				46	84	.3	
20	ANA	IP	00 37 24.9				29	25	1.7	
20	SSI	EP	00 37 27.1	13.4	.1	3.36	95	53	.1	
.....										
20	ADK	EP	02 07 55.7							
20	AMA	EP	08 29 43.0	12.4	.1					
20	ASD	EP	08 29 55.5	7.0	.1	3.02				
		ES	08 30 10.1							
20	SSI	IP	08 29 56.3	7.6	.1					
20	ASB	EP	08 29 56.6	8.8	.1	3.14				
20	ACE	EP	08 29 57.2							
20	ASC	EP	08 29 57.6							
20	ACB	EP	08 29 58.1							
20	AND	EP	08 29 59.9							
.....										
20	13 34 46.95	51.65 N 178.82 E	DEPTH = 64.8 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
20	ANA	EP	13 34 56.7				11	259	.1	
20	AND	IP	13 34 56.8				13	135	.1	
20	ACB	IP	13 34 57.3				28	137	-1.0	
20	ACC	EP	13 34 57.3				24	139	.2	
20	ACD	EP	13 34 57.6				33	137	-1.0	
20	RAT	IP	13 34 57.8	10.4	.1	2.96	38	297	-1.2	
20	ASD	EP	13 34 58.4	4.1	.1	2.57	46	128	-1.2	
20	ASB	EP	13 34 58.5	3.5	.1	2.50	43	137	.1	
		ES	13 35 6.5						-1.2	
.....										

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	13 51	57.40	51.41 N 178.81 E	DEPTH = 43.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	AND	IP C	13 52 4.9				20	29	-.1	
20	ACC	EP	13 52 5.0				18	62	.1	
20	ACF	EP	13 52 5.0				18	44	.1	
20	ACB	EP	13 52 5.1				20	72	.1	
20	ACD	EP	13 52 5.3				23	84	.1	
20	ACE	EP	13 52 5.3				25	92	-.1	
20	ANA	EP	13 52 5.4				27	337	-.1	
20	ASC	IP	13 52 5.6				25	76	.2	
20	ASB	IP	13 52 5.8	6.0	.1	2.59	31	100	-.1	
		ES	13 52 11.8						-.2	
20	ASD	EP	13 52 6.4	9.7	.1	2.82	37	93	-.0	
20	SSI	IP	13 52 11.0	5.9	.1	2.78	76	45	-.0	
20	17 30	24.66	51.44 N 178.81 E	DEPTH = 46.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	AND	IP	17 30 32.3				17	36	-.1	
20	ACC	EP	17 30 32.4				17	71	.0	
20	ACF	EP	17 30 32.4				16	52	.1	
20	ACB	EP	17 30 32.5				20	81	-.0	
20	ANA	IP	17 30 32.7				24	335	-.1	
20	ACD	IP	17 30 32.8				23	92	.1	
20	ACE	IP	17 30 32.8				26	98	-.1	
20	ASC	IP	17 30 33.0				25	83	.1	
20	ASB	EP	17 30 33.4				32	105	-.0	
20	ASD	IP	17 30 33.9	2.5	.1	2.25	37	97	-.0	
		IS	17 30 40.6						-.1	
20	18 6	58.50	52.13 N 179.63 E	DEPTH = 179.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	SSI	IP	18 07 22.4	22.2	.1	3.64	26	186	.0	
20	AND	EP	18 07 24.3				78	217	.0	
20	ASD	IP	18 07 24.5	3.9	.1	2.92	84	194	-.1	
20	ASC	EP	18 07 24.7				81	204	.3	
20	ANA	EP	18 07 24.7				87	230	-.0	
20	ASB	EP	18 07 24.8	6.0	.1	3.11	89	197	-.1	
		ES	18 07 44.1						-.0	
20	RAT	IP	18 07 25.2				96	248	-.1	
20	AMA	IP	18 07 27.4	34.6	.1	3.91	128	137	-.0	
20	ADK	EP	19 32 24.1							
		ES	19 32 33.9							
20	AMA	IP	19 32 33.0	64.9	.1					
20	SSI	IP	19 32 46.1	28.8	.1					
20	ASD	EP	19 32 47.8	9.5	.1					
20	ASB	EP	19 32 49.1							
		ES	19 33 19.0							
20	AND	EP	19 32 50.7							
20	ASC	EP	19 32 50.9							
20	RAT	IP	19 32 51.7							
20	ANA	EP	19 32 53.4							
20	AMA	IP D	21 13 45.1	116.8	.1	3.57				
		IS	21 13 47.8							
20	ASD	EP	21 13 58.6							
20	ASB	EP	21 13 59.6							
		ES	21 14 12.8							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	21 36	9.60	13.38 N 92.37 W	DEPTH = 33.0 KM MB = 5.8 MS = 5.6			TELESEISMIC SOLUTION OFF COAST OF CHIAPAS, MEXICO			
20	ADK	EP C	21 47 54.3				8462	321		
21	AND	IP	01 17 38.1							
21	ASB	IP	01 17 41.4	5.2	.1	2.42				
21	ASD	IP	01 17 42.1	7.0	.1	2.59				
		IS	01 17 47.1							
21	1 20	51.59	52.39 N 178.26 E	DEPTH = 152.0 KM			FREE DEPTH SOLUTION RAT ISLANDS, ALEUTIAN ISLANDS			
21	RAT	IP	01 21 13.9	37.3	.1	3.83	66	176	.2	
21	ANA	EP	01 21 14.9				89	152	-.2	
21	AND	EP	01 21 15.8				104	153	-.3	
21	SSI	EP	01 21 16.4				106	121	.1	
21	ASC	EP	01 21 17.1				121	149	-.3	
21	ASD	IP C	01 21 17.6	10.6	.1	3.37	134	146	-.9	
21	ASB	IP	01 21 22.1	11.2	.1	3.39	133	149	3.6	
		ES	01 21 38.1						.0	
21	AMA	IP D	18 51 6.9	127.6	.1					
21	ANA	IP D	18 51 9.4							
21	AND	EP	18 51 11.5							
21	ASC	EP	18 51 13.8							
21	ASB	IP	18 51 14.6	2.7	.1	2.62				
		ES	18 51 29.8							
21	ASD	IP D	18 51 15.5	3.4	.1	2.73				
21	ASD	IP	19 21 54.6	3.2	.1	2.29				
21	SSI	IP	19 21 54.6	51.0	.1					
21	ASB	EP	19 21 54.9							
		ES	19 22 .6							
21	RAT	IP	19 21 55.8							
21	AND	IP	19 21 58.6							
21	20 27	28.99	51.43 N 179.32 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION DELAROF ISLANDS, ALEUTIAN ISLANDS			
21	AMA	IP D	20 27 33.0				21	137	.2	
21	ASD	EP	20 27 45.4	70.0	.1	3.88	93	258	-.1	
21	SSI	IP	20 27 46.2				92	305	.9	
21	ASB	EP	20 27 46.3	92.5	.1	4.03	100	266	-.3	
		IS	20 28 .5							
21	ASC	IP	20 27 47.6				106	273	.2	
21	AND	IP	20 27 49.7				121	278	-.0	
21	ANA	IP	20 27 52.3				142	280	-.6	
21	RAT	EP	20 27 56.0				168	285	-.8	
21	22 35	50.10	62.80 N 149.66 W	DEPTH = 100.0 KM			TELESEISMIC SOLUTION CENTRAL ALASKA			
21	22 43	38.40	54.28 N 162.48 W	DEPTH = 33.0 KM MB = 5.2			TELESEISMIC SOLUTION ALASKA PENINSULA			
21	NIK	EP	22 44 39.1				446	254		
21	ASD	IP C	22 46 19.9	9.2	.1		1264	263		
21	ASB	IP	22 46 20.5	240.2	.4		1271	263		

PAGE 71-08- 85

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 21	GMA	EP	22 46 20.8				1246	3		
. 21	ASC	IP	22 46 21.3				1272	263		
. 21	AND	EP	22 46 22.6				1282	264		
. 21	ANA	EP	22 46 23.9				1298	265		
.....										
. 21	23 10	9.32	51.41 N 177.82 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
. 21	ANA	IP	23 10 21.6				63	67	.0	
. 21	AND	IP	23 10 23.5				80	77	-.1	
. 21	ASC	IP	23 10 25.4				94	86	.2	
. 21	ASB	IP	23 10 25.8				99	93	-.1	
		ES	23 10 38.0						-.0	
. 21	ASD	IP	23 10 26.7	1.8	.1	2.38	106	91	.0	
.....										
. 22	0 53	34.06	51.74 N 178.51 E	DEPTH = 86.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
. 22	ANA	EPG	00 53 46.5				17	140	-.0	
		ES	00 53 55.7						.1	
. 22	AND	EPG	00 53 47.4				37	123	.0	
		ES	00 53 57.0						-.0	
. 22	ASD	EPG	00 53 49.7	2.2	.1	2.45	70	124	.0	
.....										
. 22	4 18	28.54	51.20 N 178.73 E	DEPTH = 26.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
. 22	ASB	E(P)	04 18 36.5	2.5	.1	2.17	41	63	-.0	
		ES	04 18 42.3						-.0	
. 22	AND	EPG	04 18 36.9				44	21	-.0	
. 22	ANA	IPGC	04 18 37.5				48	355	-.0	
.....										
. 22	5 36	30.13	52.28 N 179.73 E	DEPTH = 181.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
. 22	AND	EP	05 36 57.1				96	214	-.0	
. 22	ASD	IP D	05 36 57.4	8.5	.1	3.28	103	195	-.1	
		ES	05 37 17.6						.0	
. 22	ASC	IP	05 36 57.5				99	203	.2	
. 22	ANA	IP	05 36 57.6				103	226	.0	
. 22	ASB	IP	05 36 57.9	16.5	.1	3.57	108	198	.0	
		ES	05 37 18.1						-.0	
. 22	RAT	IP C	05 36 58.0	27.3	.1	3.79	110	241	-.0	
.....										
. 22	7 48	30.20	51.42 N 179.89 W	DEPTH = 60.8 KM			FREE DEPTH SOLUTION			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
. 22	ASD	EPG	07 48 42.1	2.8	.1	2.42	53	267	-.0	
. 22	ASB	IPG	07 48 42.9	2.9	.1	2.46	60	264	.1	
		IS	07 48 52.0						-.0	
. 22	SSI	IPGC	07 48 43.2	9.3	.1	2.98	64	326	.0	
		IS	07 48 52.7						.0	
. 22	ACE	EPG	07 48 43.3				65	269	-.0	QP
. 22	ACB	EPG	07 48 43.9				71	275	-.0	
. 22	AND	EPG	07 48 45.0				82	282	-.1	
. 22	ANA	EPG	07 48 47.6				103	284	.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
22	9	7	44.92	51.21 N	179.28 E	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ASB	IPGD	09 07 49.9	5.4	.1	2.32	17	353	-.0	
		IS	09 07 55.8						2.2	
22	ASD	IPGC	09 07 50.3	3.8	.1	2.19	21	13	-.0	
22	ACE	EPG	09 07 50.5				23	341	-.0	
22	ACD	EPG	09 07 51.1				26	338	.2	
22	ACB	EPG	09 07 51.5				31	335	-.0	
22	ACC	IPG	09 07 51.9				35	332	-.1	
22	AND	EPG	09 07 53.4				45	330	-.0	
22	SSI	IPGD	09 39 5.9	34.1	.1	3.08				
		IS	09 39 8.9							
22	ASD	EPG	09 39 10.8	1.1	.1	1.90				
22	ACD	EPG	09 39 11.8							
22	ACE	EPG	09 39 11.8							
22	ASB	EP	09 39 12.1							
		E(S)	09 39 19.6							
22	ANA	E(P)	09 39 15.4							
22	11	2	38.64	51.16 N	179.70 W	DEPTH = 34.3 KM	FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
22	AMA	EP	11 02 47.5	29.0	.2	2.99	43	71	-.1	
		ES	11 02 54.4						.4	
22	ASD	EP	11 02 51.3	9.1	.1	2.93	72	291	-.1	
		ES	11 03 1.2						.6	
22	ASB	IP	11 02 52.0	4.8	.1	2.67	77	287	-.1	
		ES	11 03 2.2						.3	
22	ASC	EP	11 02 53.4				86	293	-.0	
22	SSI	EP	11 02 54.6	23.5	.1	3.44	95	329	-.1	
22	AND	EP	11 02 55.4				104	296	-.6	
22	ANA	EP	11 02 59.4				125	295	.4	QP
22	RAT	EP	11 03 2.5	5.2	.1	2.96	154	298	-.1	
22	SSI	IPGD	12 22 20.0	23.5	.1	2.94				
		IS	12 22 23.2							
22	ASD	EPG	12 22 24.3	1.4	.1	1.96				
22	ACB	EPG	12 22 25.3							
22	ACC	EPG	12 22 25.5							
22	ACD	EPG	12 22 25.5							
22	AND	EPG	12 22 25.6							
22	ASB	EPG	12 22 25.7	.6	.1	1.65				
		ES	12 22 32.6							
22	ANA	EPG	12 22 28.4							
22	RAT	EPG	12 22 31.3	1.6	.1					
22	14	55	18.98	51.57 N	178.79 E	DEPTH = 20.4 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
22	AND	IPGD	14 55 22.7				11	91	-.2	
		IS	14 55 25.8						-.0	
22	ANA	IPGC	14 55 23.0				11	308	.1	
22	ACF	EPG	14 55 23.3				15	107	.1	
22	ACC	EPG	14 55 23.8				20	117	.0	
22	ACB	EPG	14 55 24.3				24	118	.0	
22	ACA	IPG	14 55 24.4				25	112	.0	
22	ASC	EPG	14 55 25.1				29	113	.2	
22	ACD	EPG	14 55 25.1				29	122	.2	
22	ACE	IPG	14 55 25.3				32	124	-.1	
22	ASB	IPG	14 55 26.2	2.2	.1	2.08	39	125	-.1	
		ES	14 55 31.4						-.3	
22	RAT	IPG	14 55 26.5	3.8	.1	2.33	41	310	-.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
22	ASD	IPG	14 55 26.9	4.1	.1	2.37	43	117	-.0	
22	16 34	11.32	51.99 N 179.42 E	DEPTH = 146.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	SSI	EP	16 34 31.1	11.9	.3	2.81	15	132	.0	POOR TAMP
22	AND	IP	16 34 32.3				57	215	-.1	
22	ASC	EP	16 34 32.7				61	197	.1	
22	ASD	IP	16 34 32.8	18.9	.1	3.52	66	185	-.1	
		IS	16 34 48.5						-.1	
22	ANA	IP	16 34 32.9				66	233	.1	
22	ASB	EP	16 34 33.1	10.0	.1	3.25	71	190	-.0	POSS PTOS CONV.
		ES	16 34 49.1						.1	
22	RAT	IP C	16 34 33.5	26.3	.1	3.68	78	255	-.0	
22	ANA	IP C	17 06 52.0							WHITE OUT
22	ASD	IP D	17 07 4.4	45.2	.1	3.81				
		IS	17 07 18.4							
22	ASB	IP D	17 07 5.1	91.5	.2	3.83				
22	SSI	IP C	17 07 6.6	79.8	.1	4.10				
		ES	17 07 22.1							
22	ASC	IP	17 07 6.6							
22	AND	EP	17 07 8.7							QP
22	ANA	IP	17 07 11.7							
22	ADK	EP	17 07 11.9							00
		ES	17 07 33.5							
22	RAT	IP	17 07 15.3	41.3	.2					
22	RAT	IPG	17 26 32.7	5.1	.1	2.79				
		ES	17 26 44.3							
22	ANA	EP	17 26 35.6							
22	AND	EP	17 26 38.3							
22	ASC	EP	17 26 41.2							QP
22	ASB	EP	17 26 42.4	.6	.1					QP
22	SSI	E(P)	17 26 42.9	1.0	.1					
22	18 4	33.00	52.01 N 178.32 E	DEPTH = 99.9 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	RAT	E(P)	18 04 47.0				23	179	-.2	
		IP	18 05 47.9	3.8	.1	2.65				
22	ANA	EP	18 04 48.4				48	151	.0	
		ES	18 05 .3						.7	
22	AND	EP	18 04 49.4				66	138	-.1	
22	ASC	EP	18 04 51.2				84	136	.2	VQP, PROB N.G.
		IS	18 05 2.7						-1.4	
22	SSI	EP	18 04 51.5	1.6	.1	2.37	88	98	.1	
22	ASD	EP	18 04 52.1	1.7	.1	2.42	98	134	-.2	
22	ASB	EP	18 04 52.3	2.2	.1	2.53	96	138	.2	
		ES	18 05 6.8						.8	
22	AMA	IPGC	18 07 19.7	82.2	.1	3.63				QTAMP
		IS	18 07 24.3							
22	ASD	EP	18 07 32.1	1.8	.1	2.42				
		E(S)	18 07 46.3							
22	ASB	EP	18 07 33.2	1.1	.1	2.22				
22	ASC	EP	18 07 34.3							
22	SSI	EP	18 07 34.4	3.9	.1					

PAGE 71-08- 88

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
22	18 23 30.55		49.09 N 177.33 E				DEPTH = 25.0 KM			FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	ASD	EP	18 24 11.9	2.4	.1		293	28	-.6	
22	ASB	EP	18 24 12.5	3.4	.1		287	28	.8	
		ES	18 24 41.7						-.0	
22	ASC	EP	18 24 12.5				294	26	-.1	
22	AND	EP	18 24 12.6				298	22	-.5	
22	ANA	EP	18 24 13.5				297	18	.5	
22	RAT	EP	18 24 14.3	1.6	.1		309	13	-.2	
22	22 7 43.75		51.40 N 178.77 E				DEPTH = 37.7 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	AND	IPG	22 07 50.8				22	36	-.0	
22	ACF	EPG	22 07 51.0				21	48	.3	
22	ACB	EPG	22 07 51.1				24	73	.2	
22	ANA	IPG	22 07 51.3				26	344	.2	
22	ACE	EPG	22 07 51.3				28	90	-.0	
22	ACD	EPG	22 07 51.4				26	83	.3	
22	ASC	EPG	22 07 51.5				29	76	.1	
22	ASB	EPG	22 07 51.8	.9	.1	1.74	34	97	-.1	
		ES	22 07 57.4						-.4	
22	ASD	EPG	22 07 52.5	1.0	.1	1.81	40	91	-.1	
		ES	22 07 58.6						-.4	
22	RAT	EPG	22 07 53.8	1.0	.1	1.89	54	326	-.5	
22	SSI	E(P)	22 07 57.7	2.3	.1	2.37	79	46	.0	OP
22	SSI	EP	23 15 10.0							
22	AMA	EP	23 18 40.2	4.9	.1	2.31				
		E(S)	23 18 43.8							
22	ASD	EP	23 18 52.0	3.5	.1	2.64				
22	ASB	EP	23 18 52.9	5.0	.1	2.82				
		ES	23 19 5.6							
22	ASC	EP	23 18 53.9							
23	0 30 11.84		51.16 N 179.37 W				DEPTH = 0.0 KM			FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
23	AMA	IPGD	00 30 15.0	59.7	.1	3.25	23	52	-1.0	
		IS	00 30 20.4						1.4	
23	ASD	EP	00 30 28.8	3.4	.1	2.56	93	286	.4	
23	ASB	EP	00 30 29.8	4.0	.1	2.66	99	283	.6	
23	SSI	EP	00 30 30.4	32.5	.2	3.30	109	319	-.3	
23	ASC	EP	00 30 30.8				107	289	.3	
23	AND	EP	00 30 33.5				125	292	.3	
23	ANA	EP	00 30 36.4				146	291	-.0	
23	RAT	EP	00 30 39.6	4.1	.1	2.89	175	295	-1.1	
23	0 57 9.62		51.64 N 178.23 E				DEPTH = 65.0 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	RAT	EPG	00 57 19.7	.7	.1	1.75	19	20	.1	

PAGE 71-08- 89

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	1 55	10.69	52.06 N 178.15 E	DEPTH = 146.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
23	RAT	EP	01 55 30.5	4.9	.1	2.91	31	156	-.2	
23	ANA	EP	01 55 31.9				59	143	.1	
		ES	01 55 47.6						.3	
23	AND	EP	01 55 32.9				78	134	.0	
23	ASC	EP	01 55 34.4				96	133	.3	
23	SSI	EP	01 55 34.4	1.6	.1	2.49	101	100	-.0	
23	ASB	EP	01 55 35.0	1.1	.1	2.34	108	135	-.0	
		ES	01 55 52.4						-.4	
23	ASD	EP	01 55 35.1	1.3	.1	2.40	111	131	-.1	
23	2 15	47.00	51.32 N 179.91 W	DEPTH = 27.0 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
23	ASD	EPG	02 15 56.4	2.8	.1	2.30	53	279	-.2	
23	ANA	IPGD	02 15 57.1	11.2	.1	2.92	56	93	.0	
23	ASB	IPGD	02 15 57.5	4.1	.1	2.50	59	275	.0	
		ES	02 16 5.3						.2	
23	ACE	IPG	02 15 58.2				64	278	-.1	
23	ASC	IPGD	02 15 58.7				66	284	.1	
23	ACD	IPG	02 15 58.8				67	281	.1	
23	ACB	EPG	02 15 59.3				71	283	.0	QP
23	SSI	IPGD	02 15 59.6	4.4	.1	2.60	73	332	.1	
		ES	02 16 8.5						-.1	
23	AND	EPG	02 16 1.1				83	289	.0	
23	ANA	EPG	02 16 4.2				105	290	-.1	
23	4 8	2.00	3.97 S 146.06 E	DEPTH = 33.0 KM			TELESEISMIC SOLUTION			
EAST NEW GUINEA REGION										
23	ASB	EP	04 18 21.1				6891	23		TELE
23	ASD	EP	04 18 21.4				6898	23		
23	SSI	EP	04 18 24.3				6953	23		
23	ADK	EP	04 18 36.5				7118	25		6.7MS
		ES	04 27 15.0							
		ER	04 37 18.0							
23	4 40	32.39	51.31 N 179.89 W	DEPTH = 25.1 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
23	ASD	EPG	04 40 42.1	.6	.1	1.60	54	280	-.0	
		ES	04 40 49.2						.0	
23	ASB	EPG	04 40 43.0	2.2	.2	1.93	60	276	.0	
		ES	04 40 50.7						-.0	
23	ASC	EPG	04 40 44.1				68	285	.0	
23	5 28	47.15	51.76 N 179.68 W	DEPTH = 92.3 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
23	SSI	EPG	05 29 1.9	2.7	.1	2.51	53	287	-.1	QP
		ES	05 29 12.9						.1	
23	ANA	EPG	05 29 3.0	3.8	.1	2.69	66	143	.1	QP
23	ASD	EPG	05 29 3.9	.6	.1	1.88	79	239	-.2	QP
23	ASB	EPG	05 29 4.7				87	240	-.1	QP

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
23	6 34	11.68	51.64 N 177.83 E	DEPTH = 70.4 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
23	RAT	EPG	06 34 23.5	1.5	.1	2.15	38	63	.2	
		ES	06 34 31.2						-.6	
23	ANA	EPG	06 34 24.9				57	92	.1	
		ES	06 34 34.8						.4	
23	AND	EPG	06 34 26.7				78	96	-.1	
23	ASC	EPG	06 34 28.7				94	102	.2	
23	ASB	EP	06 34 29.2	1.0	.1	2.15	103	107	-.3	
23	ASD	EP	06 34 29.9	1.0	.1	2.15	108	104	-.2	
23	SSI	EP	06 34 31.9	1.0	.1	2.20	124	76	.0	
.....										
23	12 32	39.89	50.20 N 177.37 E	DEPTH = 75.0 KM		FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
23	AND	EP	12 33 7.3				188	36	-.5	
23	ASB	EP	12 33 7.4	.7	.1	2.18	185	45	-.0	QS
		E(S)	12 33 27.5						-.0	
23	ASC	EP	12 33 7.7				189	41	-.2	
23	ASD	EP	12 33 8.2	.6	.1	2.09	192	46	-.1	
23	SSI	EP	12 33 15.6	1.4	.1		244	39	1.0	QP
.....										
23	AMA	IP	13 40 28.8	5.6	.1					
23	SSI	EP	13 40 35.4	.7	.1					
23	ASD	EP	13 40 38.6	.8	.1					
23	ASB	EP	13 40 39.2	.9	.1					QS
		E(S)	13 41 14.0							
23	ASC	EP	13 40 39.7							
23	RAT	EP	13 47 4.4	7.4	.3					
23	ANA	EP	13 47 9.2							
23	AND	EP	13 47 10.7							
23	ASC	EP	13 47 14.0							QP
23	ASB	EP	13 47 14.3							NO S VISIBLE
23	ASD	EP	13 47 14.9							
.....										
23	14 42	40.33	51.28 N 179.88 W	DEPTH = 33.5 KM		FREE DEPTH SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
23	AMA	IPG	14 42 50.4	8.3	.2	2.49	53	89	-.1	
		IS	14 43 2.1						4.2	
23	ASD	IPG	14 42 50.7	4.5	.1	2.54	56	283	-.1	
		ES	14 42 57.9						-.5	
23	ASB	IPG	14 42 51.6	5.8	.1	2.58	62	279	.0	
		IS	14 42 59.8						-.0	
23	ACE	IPG	14 42 52.4				67	282	-.0	
23	ASC	IPG	14 42 52.9				70	287	.2	
23	ACD	EPG	14 42 53.0				71	284	.2	
23	ACA	EPG	14 42 53.4				73	288	.2	
23	ACB	IPG	14 42 53.6				75	286	.2	
23	SSI	EPG	14 42 53.9	1.1	.1	2.03	78	332	.1	QP
23	ACC	EPG	14 42 54.1				78	287	.1	
23	AND	EPG	14 42 55.0				87	292	-.2	
23	ANA	EPG	14 42 58.2				108	291	-.2	
23	RAT	EP	14 43 2.1	1.6	.1	2.40	137	296	-.1	
.....										
23	AMA	IP	15 02 29.0	173.4	.2					REGIONAL
23	ASD	EPN	15 02 43.7							
		IPG)	15 02 45.9	27.7	.2					
		I(S)	15 03 9.8							
23	SSI	EP	15 02 43.8	61.2	.2					
		E(S)	15 03 7.4							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	ASB	EPN	15 02 44.8							
		IPG)	15 02 46.8	41.2	.2					
23	ASC	EP	15 02 46.0							
		IPG)	15 02 47.9							
23	AND	EP	15 02 48.2							
23	ANA	EP	15 02 50.9							
23	RAT	EP	15 02 54.1	25.6	.2					
23	ADK	IP	15 16 48.8							
		ES	15 16 56.5							
23	15 40	44.90	20.82 S 178.51 W	DEPTH = 616.0 KM	MB = 4.8					TELESEISMIC SOLUTION
			FIJI ISLANDS REGION							
23	ASB	EP	15 51 8.3	4.2	.3		7994	359		TELE
23	ASD	EP	15 51 8.6	5.0	.3		7998	359		
23	ASC	EP	15 51 9.2				8006	358		
23	AND	EP	15 51 9.6				8018	358		
23	ANA	EP	15 51 10.2				8026	358		
23	RAT	EP	15 51 11.1	5.6	.3		8046	358		
23	SSI	EP	15 51 11.3	8.2	.3		8053	359		
23	16 56	56.42	51.40 N 179.86 E	DEPTH = 66.2 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	ASD	IPGC	16 57 7.3	57.8	.1	3.71	36	268	-.1	
		I(S)	16 57 15.5						.0	
23	ASB	IPGC	16 57 8.0	46.9	.1	3.64	43	264	.1	QTAMP
		IS	16 57 16.3						-.0	
23	ACE	IPG	16 57 8.3				48	270	-.0	
23	ASC	IPG	16 57 8.5				49	278	.1	
23	ACD	IPG	16 57 8.6				50	274	.0	
23	ACA	IPG	16 57 8.7				52	280	-.0	
23	SSI	IPGD	16 57 8.9	110.8	.1	4.05	58	341	-.3	
		IS	16 57 18.9						.3	
23	ACB	IPG	16 57 8.9				54	278	.0	
23	ACC	EPG	16 57 9.2				57	280	.0	
23	ACF	EPG	16 57 9.5				62	283	-.1	
23	AND	IPG	16 57 9.8				65	286	-.1	
23	AMA	EPG	16 57 10.8	10.8	.1	3.09	73	100	.1	
23	ANA	IPG	16 57 12.4				87	287	.2	
23	RAT	IP	16 57 15.4	28.3	.1	3.62	115	293	.1	
23	AND	IPG	17 19 57.0							
		IS	17 19 59.9							
23	ANA	EPG)	17 19 57.2							
23	ACA	EPG	17 19 59.6							VERY SH. LOCAL
23	ASD	EP	17 20 1.0	.3	.1					
		ES	17 20 26.0							
23	17 28	22.55	51.57 N 178.80 E	DEPTH = 21.1 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	AND	IPGD	17 28 26.4				11	96	-.1	
		IS	17 28 29.4						-.0	
23	ANA	IPGC	17 28 26.6				11	302	.0	
23	ACF	EPG	17 28 26.9				14	111	.1	
23	ACB	EPG	17 28 28.0				24	121	.1	
23	ACA	EPG	17 28 28.1				24	115	.1	
23	ACD	EPG	17 28 28.6				28	125	.1	
23	ASC	EPG	17 28 28.8				28	116	.4	
23	ACE	EPG	17 28 29.0				32	126	.0	
23	ASB	EPG	17 28 29.8	1.6	.1	1.94	39	127	-.1	
		ES	17 28 35.0						-.3	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 23	RAT	EPG	17 28 30.1	1.9	.1	2.03	41	308	-.1	
. 23	ASD	EPG	17 28 30.4	2.1	.1	2.09	43	118	-.1	
.		ES	17 28 35.8						-.4	
. 23	SSI	EPG	17 28 33.7	.8	.1	1.81	65	57	-.0	
.		ES	17 28 41.9						.0	
.....										
. 23	18 10 17.85	51.41 N 179.62 E DEPTH = 18.2 KM						FREE DEPTH SOLUTION		
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 23	ASD	EPG	18 10 22.4	1.1	.1	1.58	19	264	-.0	
. 23	ASB	EPG	18 10 23.3	.6	.1	1.39	26	259	-.0	
.		IS	18 10 27.3						-.0	
. 23	ACE	EPG	18 10 24.0				31	269	.0	
. 23	ACD	EPG	18 10 24.3				34	274	-.0	
.....										
. 23	19 36 47.16	51.54 N 179.81 W DEPTH = 75.8 KM						FREE DEPTH SOLUTION		
.		DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 23	AMA	IPG	19 37 .6	25.5	.1	3.44	56	119	-.1	
. 23	SSI	IPG	19 37 .8	13.3	.1	3.16	57	314	.1	
. 23	ASD	IPG	19 37 1.0	7.3	.1	2.91	61	255	-.0	
.		ES	19 37 10.9						-.3	
. 23	ASB	IPG	19 37 1.8	8.5	.1	2.99	68	254	.1	
.		IS	19 37 12.4						.1	
. 23	ASC	IPG	19 37 2.2				71	264	.2	
. 23	AND	EPG	19 37 3.3				85	272	-.1	
. 23	RAT	IP	19 37 8.3	2.1	.1	2.55	131	284	-.1	
.....										
. 23	AMA	EP	21 17 6.0	15.1	.1					REGIONAL
.		E(S)	21 17 36.5							
. 23	SSI	EP	21 17 20.0	7.9	.2					
. 23	ASD	EP	21 17 21.5	10.8	.4					QP
. 23	ASB	EP	21 17 22.4	16.6	.3					QP
. 23	ASC	EP	21 17 22.7							QP
. 23	ANA	EP	21 17 27.6							QP
. 23	RAT	EP	21 17 31.2	9.2	.3					
.....										
. 23	21 52 5.78	50.25 N 177.60 E DEPTH = 50.0 KM						FIXED DEPTH SOLUTION		
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 23	ASB	EP	21 52 30.7	2.5	.1	2.68	170	43	-.3	
.		E(S)	21 52 48.4						-1.1	
. 23	ANA	EP	21 52 31.0				171	26	-.2	
. 23	AND	EP	21 52 31.3				175	33	-.3	
. 23	ASC	EP	21 52 31.4				175	39	-.2	
. 23	ASD	EP	21 52 31.6	2.0	.1	2.59	177	43	-.3	
. 23	SSI	EP	21 52 39.7	4.4	.1		230	37	1.2	
.		ES	21 53 3.4						1.1	
. 23	AMA	EP	21 52 42.3	2.8	.2		259	62	.3	
.....										
. 23	21 55 17.70	45.62 N 150.96 E DEPTH = 34.0 KM MB = 5.7 MS = 5.6						TELESEISMIC SOLUTION		
.		KURIL ISLANDS								
. 23	RAT	EP	21 59 39.4				2115	61		LARGE TELE
. 23	ANA	GP	21 59 41.9				2135	62		
. 23	AND	EP	21 59 43.4				2154	62		
. 23	ASD	GP	21 59 45.6				2179	63		
. 23	ASB	GP	21 59 45.7				2172	63		
. 23	SSI	EP	21 59 47.8				2202	61		
. 23	AMA	GP	21 59 55.8				2286	63		
. 23	ADK	EP	22 00 10.5				2458	62		6.2MB

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		E	22 00 21.6							
		ES	22 04 16.0							
.....										
23	22 48 49.31		52.10 N 179.47 E	DEPTH = 193.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	SSI	EP C	22 49 15.1	2.0	.1	2.62	25	161	.2	
23	AND	EP	22 49 16.2				70	211	-.1	
23	ASC	EP	22 49 16.5				74	197	.0	
23	ANA	EP	22 49 16.7				77	227	.1	
23	ASD	EP	22 49 16.8	11.3	.1	3.40	80	186	.1	
23	RAT	IP	22 49 16.9	32.3	.1	3.86	85	247	-.1	
		ES	22 49 36.9						-.3	
23	ASB	EP	22 49 17.0	13.6	.1	3.49	84	191	.1	
		ES	22 49 37.3						.2	
23	AMA	EP	22 49 19.8	7.1	.1	3.25	133	132	-.3	
.....										
24	ASD	EP	00 27 41.0	6.7	.1	2.98				
		IS	00 27 55.0							
24	ASB	EP	00 27 41.9	4.8	.1	2.86				
24	ASC	EP	00 27 43.3							
24	AND	EP	00 27 45.9							
24	ANA	EP	00 27 48.9							
24	ADK	EP	00 27 49.4							
		ES	00 28 10.0							
.....										
24	1 49 37.63		52.19 N 179.81 W	DEPTH = 179.8 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
24	SSI	IP D	01 50 2.5	14.9	.1	3.48	53	232	.1	
24	ASD	IP C	01 50 5.1	11.5	.1	3.41	106	214	-.1	
24	AMA	IP D	01 50 5.3	108.1	.1	4.39	111	154	-.2	
24	AND	EP	01 50 5.4				110	231	-.0	
24	ASC	IP	01 50 5.6				107	222	.4	
24	ASB	IP	01 50 5.7				113	216	.1	
		ES	01 50 25.9						-.1	
24	ANA	IP	01 50 6.3				122	240	.0	
24	RAT	IP C	01 50 6.9	29.8	.1	3.85	135	252	-.3	
.....										
24	4 16 47.52		51.53 N 178.36 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
24	AMA	IP C	04 16 59.2	86.3	.2	3.49	59	243	1.0	
24	ADK	IP	04 17 9.7				122	71	1.3	
		ES	04 17 24.7						1.1	
24	SSI	EP	04 17 13.6				147	287	1.3	
24	ASD	EP	04 17 13.6	7.7	.1	3.13	160	265	-.6	
24	ASB	EP	04 17 14.1	7.8	.1	3.16	167	264	-1.2	
		ES	04 17 34.3						-1.2	
24	ASC	EP	04 17 15.9				172	268	-.1	
24	AND	EP	04 17 19.1				186	272	.9	
24	ANA	EP	04 17 21.4				207	274	.2	
24	RAT	EP	04 17 23.9				231	279	-.6	
.....										
24	ADK	EP	06 08 11.0							
		ES	06 08 36.8							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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24	6 26	55.17	52.06 N 178.60 E	DEPTH = 144.9 KM				FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										

24	RAT	EP	06 27 15.1				35	213	-0.0	
24	ANA	EP	06 27 15.7				49	175	.0	
24	AND	EP	06 27 16.2				61	157	-0.0	
24	SSI	EP	06 27 16.7	4.1	.2	2.56	70	105	-0.0	
24	ASC	EP	06 27 17.2				77	150	.1	
24	ASB	EP	06 27 17.9	2.7	.1	2.70	90	150	-0.1	
		ES	06 27 34.6						-0.0	
24	ASD	EP	06 27 18.0	3.6	.1	2.83	91	145	-0.0	

24	AOK	IP	08 21 21.7							
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24	8 51	53.41	51.30 N 179.81 E	DEPTH = 25.0 KM				FIXED DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										

24	ASD	EP	08 52 .2	1.3	.1	1.82	34	287	-0.2	
24	ASB	EP	08 52 1.2	1.6	.1	1.96	40	280	.1	
		FS	08 52 6.7						-0.0	
24	ASC	EP	08 52 2.4				48	292	.1	

24	AOK	EP	12 43 25.3							
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		ES	12 43 43.4							
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24	AMA	IP D	12 14 8.8	47.6	.1					
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24	ASD	EP	12 14 18.9	1.7	.1	2.35				
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24	ASB	EP	12 14 20.6	1.1	.1	2.21				
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24	ASC	EP	12 14 21.3							
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		ES	12 14 36.1							
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24	SSI	EP	12 14 21.9	7.8	.1					
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24	13 30	7.36	50.37 N 177.17 E	DEPTH = 0.0 KM				FIXED DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										

24	ANA	EP	13 30 36.5				175	36	.3	
24	RAT	IP D	13 30 36.6	7.1	.1	3.14	179	27	-0.3	
24	AND	EP	13 30 37.3				182	43	-0.1	
24	ASB	EP	13 30 37.4	2.3	.1	2.66	183	52	-0.1	
24	ASC	EP	13 30 37.9				185	48	.0	
24	ASD	EP	13 30 38.2	1.7	.1	2.54	190	52	-0.4	
		ES	13 31 1.5						.2	
24	SSI	IP C	13 30 45.8	6.8	.1		239	44	.4	

24	13 29	12.80	5.53 S 152.85 E	DEPTH = 36.0 KM				TELESEISMIC SOLUTION		
NEW BRITAIN REGION										

24	AOK	EP	13 39 36.3				6986	21		
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24	AMA	EP	14 51 11.0	4.3	.1					
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24	ASD	EP	14 51 17.4	1.4	.1	2.30				
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24	ASB	EP	14 51 18.3	1.1	.1	2.21				
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		ES	14 51 32.8							
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24	ASC	EP	14 51 18.9							
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24	15 11	33.28	52.00 N 178.09 E	DEPTH = 131.4 KM				FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										

24	RAT	EP	15 11 51.3	10.9	.1	3.21	28	143	-0.1	
24	ANA	EP	15 11 52.8				57	136	.2	
24	AND	EP	15 11 53.8				77	129	-0.0	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
24	ASC	EP	15 11 55.3				95	128	.2	
24	SSI	IP	15 11 55.8	2.2	.1	2.60	104	96	.0	
24	ASD	EP	15 11 56.1				110	128	-.2	
		ES	15 12 13.1						-.0	
.....										
24	15 37 16.70	24.15 S 177.17 W	DEPTH = 180.0 KM MB = 5.1				TELESEISMIC SOLUTION			
SOUTH OF FIJI ISLANDS										
24	ADK	EP	15 48 42.3				8418	0		
.....										
24	17 46 42.80	51.88 N 179.26 W	DEPTH = 23.0 KM				TELESEISMIC SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
24	AMA	EP	17 46 54.6	4.0	.1	2.53	67	171	.3	
24	SSI	IP D	17 46 56.4				79	271	.3	
24	ASD	IP	17 47 1.3	6.3	.1	2.91	111	241	.4	
24	ASC	EP	17 47 2.3				118	247	.3	
24	ASB	EP	17 47 2.4	11.9	.1	3.21	118	241	.4	
		ES	17 47 17.1						1.1	
24	AND	EP	17 47 3.4				128	255	-.1	
24	ANA	EP	17 47 6.1				146	260	-.1	
.....										
24	18 26 17.65	51.96 N 179.11 E	DEPTH = 126.6 KM				FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
24	SSI	IP	18 26 35.4	3.9	.1	2.76	34	103	.0	
24	AND	EP	18 26 35.8				46	194	-.1	
24	ANA	EP	18 26 36.2				49	220	.2	
24	RAT	IP	18 26 36.3	12.6	.1	3.29	57	252	-.1	
24	ASC	IP D	18 26 36.6				56	176	-.2	
24	ASD	IP C	18 26 36.8	7.7	.1	3.08	65	166	-.1	
24	ASB	EP	18 26 37.0	4.1	.1	2.81	67	172	-.1	
		ES	18 26 51.2						-.0	
.....										
24	19 6 28.20	59.69 N 152.81 W	DEPTH = 114.0 KM				TELESEISMIC SOLUTION			
SOUTHERN ALASKA										
.....										
24	20 35 43.40	51.40 N 179.99 W	DEPTH = 25.0 KM				FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
24	ASD	EP	20 35 52.2				46	270	.2	
24	ASB	IP	20 35 52.7	2.3	.1	2.21	53	266	-.3	
		IS	20 35 59.9						-.1	
24	ASC	EP	20 35 54.1				59	278	.2	
24	SSI	IP	20 35 54.3	1.7	.1	2.13	63	332	-.1	
.....										
24	ADK	IP	21 43 14.8							
		ES	21 43 22.7							
24	ASD	EP	21 43 50.4							
24	ASB	EP	21 43 50.8							
		ES	21 44 31.1							
24	ASC	EP	21 43 51.1							
.....										
24	ADK	EP	22 13 33.2							
		ES	22 13 52.8							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
24	22 13	52.80	19.44 S 167.96 E	DEPTH = 33.0 KM MB = 5.3			TELESEISMIC SOLUTION			
NEW HEBRIDES ISLANDS										
24	ADK	EP	22 25 16.0				8036	10		
24	22 34	51.30	59.86 N 152.58 W	DEPTH = 76.0 KM MB = 5.1			TELESEISMIC SOLUTION			
SOUTHERN ALASKA										
25	AMA	IP C	02 13 9.5	8.1	.1	2.87				
		IS	02 13 18.0							
25	ASD	EP	02 13 21.2	1.1	.1	2.28				
		ES	02 13 38.0							
25	ASB	EP	02 13 21.8	1.6	.1	2.44				
25	ASC	EP	02 13 22.6							
25	4 53	42.60	51.13 N 178.11 W	DEPTH = 28.0 KM			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
25	AMA	IP D	04 53 55.4	69.2	.1	3.80	72	285	.4	
25	ADK	EP	04 54 3.8				130	49	.1	
		ES	04 54 18.7						-.3	
25	ASD	EP	04 54 9.4	5.5	.1	3.03	180	280	-.8	
25	SSI	IP	04 54 9.5	26.6	.1	3.72	181	299	-.9	
25	ASB	EP	04 54 10.2	5.3	.1	3.03	186	279	-.8	
25	ASC	EP	04 54 11.3				193	282	-.6	
		ES	04 54 33.1						-.2	
25	AND	EP	04 54 13.9				210	284	-.0	
25	ANA	EP	04 54 16.4				231	285	-.2	
25	AMA	IP	09 10 3.6	13.0	.1					
25	ASD	IP D	09 10 7.0	5.7	.1	2.62				
25	ASC	IP C	09 10 7.9							
25	ASB	IP C	09 10 8.1							
		ES	09 10 15.6							
25	AND	EP	09 10 9.2							
25	ANA	EP	09 10 12.2							
25	SSI	EP	09 10 15.5							
25	10 28	58.83	51.36 N 179.36 E	DEPTH = 61.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
25	ASD	IP C	10 29 7.7	2.2	.1	2.22	4	341	-.3	
25	ASB	IP	10 29 7.9	1.8	.1	2.12	8	274	-.1	
		IS	10 29 14.1						-.6	
25	ACE	IP	10 29 8.1				14	291	-.1	
25	ACD	IP	10 29 8.4				18	297	.1	
25	ASC	IP	10 29 8.5				18	311	.2	
25	ACA	IP	10 29 8.6				22	310	.1	
25	ACB	IP	10 29 8.7				22	302	.2	
25	ACF	IP	10 29 9.4				32	307	.3	
25	AND	IP	10 29 9.5				36	309	.1	
25	SSI	IP D	10 29 11.6				62	15	-.0	
25	ANA	EP	10 29 11.9				57	302	.7	
25	RAT	IP C	10 29 13.2				87	305	-1.1	
25	11 3	9.32	51.00 N 178.47 E	DEPTH = 30.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
25	ACE	IP	11 03 21.0				66	48	-.1	
25	ACD	IP	11 03 21.1				66	44	.0	
25	ASB	EP	11 03 21.2	3.2	.1	2.44	67	53	-.0	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 25	ACB	IP	11 03 21.3				67	40	.1	
. 25	ACC	IP	11 03 21.4				67	37	.2	
. 25	AND	EP	11 03 21.7				71	28	-.0	
. 25	ACA	IP	11 03 21.7				70	40	.1	
. 25	ASC	EP	11 03 21.8				71	43	.1	
. 25	ANA	IP	11 03 21.9				71	11	.2	
. 25	ASD	IP	11 03 22.0	2.1	.1	2.30	75	54	-.3	
		ES	11 03 31.5						-.2	
. 25	RAT	IP D	11 03 24.1	2.2	.1	2.38	89	354	-.3	
. 25	SSI	IP	11 03 29.9	1.7	.1	2.39	126	38	.1	
.....										
. 25	11 13 27.83	51.72 N 178.74 E DEPTH = 84.2 KM RAT ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION	
. 25	ANA	IP C	11 13 40.0				12	207	.1	
. 25	AND	IP C	11 13 40.3				23	139	.1	
. 25	ACF	IP	11 13 40.3				28	140	-.1	
. 25	RAT	IP C	11 13 40.4				29	288	-.1	
. 25	ACC	IP	11 13 40.7				34	141	.0	
. 25	ACA	IP	11 13 40.9				37	135	.0	
. 25	ACB	IP	11 13 40.9				38	139	.0	
. 25	ASC	IP D	11 13 41.2				41	134	.1	
. 25	ACD	IP	11 13 41.2				43	139	.0	
. 25	ACE	IP	11 13 41.3				47	139	-.1	
. 25	ASB	IP	11 13 41.8				53	138	-.1	
		IS	11 13 52.2						.0	
. 25	ASD	IP D	11 13 42.0	45.6	.1	3.72	56	131	-.1	
. 25	SSI	IP D	11 13 42.5				62	71	-.1	
. 25	AMA	IP	11 13 52.5				157	107	.1	
.....										
. 25	13 30 34.39	51.17 N 177.57 E DEPTH = 25.0 KM RAT ISLANDS, ALEUTIAN ISLANDS							FIXED DEPTH SOLUTION	
. 25	ANA	EP	13 30 49.6				91	56	.0	
. 25	AND	EP	13 30 51.5				106	65	-.2	
. 25	ASB	EP	13 30 53.8	1.4	.1	2.28	119	79	.1	
		ES	13 31 7.8						-.0	
. 25	ASC	EP	13 30 53.8				116	73	.5	
. 25	ASD	EP	13 30 54.4	1.0	.1	2.15	126	78	-.4	
.....										
. 25	14 26 20.52	51.35 N 179.92 W DEPTH = 53.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION	
. 25	ASD	IP C	14 26 31.5	1.3	.1	2.04	51	275	-.2	
		ES	14 26 39.9						.1	
. 25	AMA	EP	14 26 32.3	1.0	.1	1.96	57	97	.0	
. 25	ASB	EP	14 26 32.4				58	271	.0	
. 25	ASC	EP	14 26 33.2				65	281	.1	
. 25	SSI	EP	14 26 33.6	1.2	.1	2.08	69	331	-.0	
.....										
. 25	ASD	EP	15 02 8.5	1.4	.1	2.10				
		ES	15 02 16.8							
. 25	ASB	EP	15 02 9.6	1.8	.1	2.24				
. 25	ASC	EP	15 02 10.4							
. 25	AMA	EP	16 49 28.8	25.2	.1					
. 25	ADK	EP	16 49 29.9							
		ES	16 49 41.8							
. 25	SSI	EP	16 49 32.9	20.0	.1					
. 25	ASD	EP	16 49 43.7	3.9	.1					
		ES	16 50 9.2							
. 25	ASB	EP	16 49 44.5	5.3	.1					

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS	
25	ASC	EP	16 49 45.4								
25	AND	EP	16 49 47.5								
25	ANA	EP	16 49 50.4								
25	RAT	EP	16 49 53.4	3.0	.1						
.....											
25	20 4 55.30	52.53 N 176.10 W DEPTH = 218.0 KM MB = 3.7					TELESEISMIC SOLUTION				
ANDREANOF ISLANDS, ALEUTIANS ISLANDS											
25	ADK	EP C	20 05 25.5				82	209	-.2		
25	AMA	IP	20 05 37.8	203.3	.1		249	238	-.4	POOR AMP.	
25	SSI	EP	20 05 43.5	12.7	.1		303	258	-.1		
25	ASD	EP	20 05 46.7	9.8	.1		337	250	-.5		
25	ASB	EP	20 05 47.2				345	250	-.8		
		ES	20 06 24.9						-1.6		
25	ASC	EP	20 05 47.8				346	252	-.3		
25	AND	EP	20 05 48.6				355	254	-.6		
25	ANA	EP	20 05 50.4				372	256	-.6		
25	RAT	EP	20 05 52.2				389	260	-.6		
.....											
25	20 46 59.46	51.52 N 179.23 E DEPTH = 73.6 KM					FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
25	ASD	EP	20 47 10.2	3.9	.1	2.54	16	153	-.1		
25	ASC	EP	20 47 10.2				8	216	.0		
25	ASB	EP	20 47 10.5	4.1	.1	2.56	18	177	.1		
		ES	20 47 18.3						-.1		
25	ANA	IP	20 47 11.8				41	286	.2		
25	SSI	EP	20 47 12.1	3.7	.1	2.57	48	31	.0		
25	RAT	EP	20 47 13.8				70	296	-.2		
.....											
25	21 39 16.31	51.08 N 179.30 E DEPTH = 31.5 KM					FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
25	ASB	IP D	21 39 23.6	12.0	.1	2.82	31	353	.1		
		ES	21 39 28.7						-.1		
25	ASD	IP D	21 39 23.7				35	5	-.2		
25	ASC	IP	21 39 25.2				43	348	.2		
25	AND	IP	21 39 27.2				59	336	.1		
25	SSI	IP	21 39 31.9	4.9	.1	2.74	93	12	-.0		
25	RAT	EP	21 39 33.5				104	320	-.2		
.....											
25	SSI	IP	21 42 41.6	35.5	.1	3.27					
		IS	21 42 46.2								
25	ASD	IP D	21 42 45.8	2.4	.1	2.29					
25	ASC	IP	21 42 46.6								
25	ASB	IP	21 42 46.9	3.9	.1	2.54					
		ES	21 42 55.2								
.....											
25	23 1 34.48	51.92 N 179.28 E DEPTH = 175.0 KM					FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
25	AND	EP	23 01 58.6				46	209	.2		
25	ASD	EP	23 01 58.7	3.1	.1	2.79	59	176	-.2	NO S VIS.	
25	ASC	EP	23 01 58.7				52	189	.1		
25	ANA	EP	23 01 58.7				54	233	.0		
25	ASB	EP	23 01 59.0	2.3	.1	2.67	62	182	-.0		
25	RAT	IP	23 01 59.1	4.4	.1	2.95	67	259	-.1		

PAGE 71-08- 99

AUG	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	0 52 33.73		50.95 N 178.48 E			DEPTH = 46.0 KM				FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
26	ASB	EPG	00 52 46.7	4.7	.1	2.66	71	49	-.0	
		ES	00 52 56.2						.0	
26	ASC	IPG	00 52 47.3				75	40	.1	
26	AND	EPG	00 52 47.3				76	25	-.1	
26	ANA	EPG	00 52 47.5				77	9	.0	
26	ASD	IPG	00 52 47.6	4.6	.1	2.68	78	50	-.0	
26	1 17 2.81		51.90 N 178.19 E			DEPTH = 126.5 KM				FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
26	ANA	EP	01 17 21.0				44	132	.0	
26	AND	EP	01 17 21.8				64	125	-.2	
		ES	01 17 36.1						.1	
26	ASC	EP	01 17 23.5				83	125	.3	
26	ASB	EP	01 17 24.1	1.2	.1	2.32	94	129	-.0	
		ES	01 17 39.6						-.1	
26	ASD	EP	01 17 24.3	1.7	.1	2.47	97	125	-.1	
26	3 10 43.60		5.42 S 152.95 E			DEPTH = 33.0 KM				TELESEISMIC SOLUTION
			NEW BRITAIN REGION							
26	ADK	EP	03 21 7.2				6970	21		
26	5 32 28.36		51.04 N 179.40 W			DEPTH = 32.5 KM				FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
26	AMA	IPGD	05 32 36.4				34	37	.4	WHITE OUT
		IS	05 32 41.3						-.3	
26	ASD	EP	05 32 44.2	32.8	.2	3.28	96	294	-.3	
26	ASB	IP	05 32 45.0	41.6	.2	3.40	101	291	-.2	
		E(S)	05 32 58.1						.7	
26	ASC	IP	05 32 46.5				110	296	-.1	
26	SSI	IP C	05 32 47.6	43.9	.1	3.78	118	324	-.1	
26	AND	EP	05 32 48.7				128	297	-.6	
26	ANA	EP	05 32 52.5				149	297	.6	
26	RAT	EP	05 32 55.5				179	299	.0	
26	6 28 7.80		51.00 N 179.24 E			DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
26	ASB	IP	06 28 15.7	4.1	.1	2.38	41	1	.1	
		IS	06 28 21.5						.2	
26	ASD	IP	06 28 16.0	3.2	.1	2.30	45	9	-.2	
		ES	06 28 22.1						-.2	
26	ACE	EPG	06 28 16.2				45	354	-.1	
26	ACD	EPG	06 28 16.8				49	352	.0	
26	ASC	EP	06 28 17.3				52	354	.0	
26	ACB	EPG	06 28 17.3				53	349	-.1	
26	AND	E(P)	06 28 19.3				66	343	.0	QP
26	SSI	E(P)	06 28 24.9	2.2	.1	2.42	103	14	.2	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
26	7	0	49.29	51.02 N 179.41 E DEPTH = 47.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ASB	IPG	07 00 58.9	1.3	.1	1.98	40	344	.0	
		ES	07 01 5.9						.0	
26	ASD	IPG	07 00 59.1	1.8	.1	2.14	42	354	.0	
26	ACE	EPG	07 00 59.5				46	339	.0	
.....										
26	7	15	20.77	50.98 N 179.19 E DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ASB	IPG	07 15 28.9	5.6	.1	2.53	43	5	.0	
		IS	07 15 34.8						.0	
26	ASD	IPG	07 15 29.3	4.5	.1	2.46	47	13	-.2	
26	ACE	EPG	07 15 29.5				47	358	.0	
		IS	07 15 35.8						-.0	
26	ASC	EPG	07 15 30.5				54	358	.0	
26	ACB	EPG	07 15 30.5				54	352	-.0	QP
26	ACA	EPG	07 15 30.9				56	355	.1	
26	ACC	IPG	07 15 30.9				57	349	-.1	QP
26	SSI	E(P)	07 15 38.2	2.0	.1	2.39	105	15	.1	
.....										
26	8	43	9.25	51.60 N 177.48 E DEPTH = 63.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	RAT	IPG	08 43 22.0	8.1	.1	2.92	63	69	-.4	
		ES	08 43 32.3						.4	
26	ANA	EPG	08 43 24.4				82	87	.1	
26	AND	EPG	08 43 26.5				102	91	-.1	
26	ASC	EPG	08 43 28.7				118	97	.3	
		ES	08 43 42.6						.2	
26	ASB	EP	08 43 29.4	4.2	.1	2.82	125	101	.0	
		ES	08 43 43.8						-.2	
26	ASD	EP	08 43 30.2	2.2	.1	2.56	131	99	.2	
		ES	08 43 44.9						-.3	
26	SSI	IP	08 43 32.2	20.8	.1	3.57	149	76	-.0	
.....										
26	AMA	EPG	09 58 14.8	14.0	.1	3.10				
		ES	09 58 23.3							
26	SSI	EP	09 58 27.9	2.4	.1					
26	ASD	EP	09 58 30.1	1.0	.1					
26	ASC	EP	09 58 31.9							
.....										
26	10	41	17.58	51.54 N 178.78 E DEPTH = 18.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	AND	IPG	10 41 21.2				12	77	-.2	
26	ACF	EPG	10 41 21.8				15	95	.2	
26	ACA	EPG	10 41 22.9				24	105	.1	QP
26	ASB	EPG	10 41 24.6	.7	.1	1.56	38	121	-.1	QP. POOR TAMP
		ES	10 41 29.8						-.0	
26	ASD	EPG	10 41 25.3	1.3	.1	1.85	42	113	.0	
		ES	10 41 30.9						-.0	
.....										
26	AMA	IPGD	11 12 54.8	62.7	.1	3.68				
		ES	11 13 1.8							
26	ASD	EPN	11 13 8.2							
		EP	11 13 10.1	20.7	.2	3.28				
26	ASB	EP	11 13 9.4	14.3	.2	3.13				
		E(S)	11 13 28.6							
26	SSI	EP	11 13 9.4	27.5	.1	3.70				

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	ASC	ES	11 13 27.5							
		EPN	11 13 10.3							
		EP	11 13 12.3							
26	AND	EP	11 13 12.9							
26	RAT	EP	11 13 19.2	11.2	.2					
26	AMA	IPGD	12 20 24.7	17.8	.1					
		ES	12 21 35.2							
26	SSI	EP	12 20 37.6	9.3	.1					
26	ASD	EP	12 20 39.0	1.8	.1	2.57				
26	ASB	EP	12 20 40.0	4.8	.1	3.00				
		E(S)	12 21 1.3							
26	13 9 3.92	51.40 N 178.75 E DEPTH = 46.3 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
26	AND	IPG	13 09 11.9				22	38	-.1	
26	ACF	EPG	13 09 12.1				21	51	.2	
26	ACB	EPG	13 09 12.2				24	74	.1	
26	ASC	EPG	13 09 12.3				29	77	-.2	
26	ANA	IPG	13 09 12.3				26	345	.1	
26	ACA	IPG	13 09 12.4				27	71	.1	
26	ACD	EPG	13 09 12.4				27	84	.1	
26	ACE	IPG	13 09 12.5				29	91	.0	
26	ASB	IPG	13 09 12.9	1.6	.1	2.05	35	98	-.0	
		ES	13 09 19.1						-.4	
26	ASD	IPG	13 09 13.6	2.8	.1	2.31	41	92	.1	
		I(S)	13 09 20.5						-.1	
26	RAT	EP	13 09 14.6	1.3	.1	2.03	53	326	-.2	
26	SSI	EP	13 09 18.0	2.5	.1	2.42	79	46	.0	
26	13 10 32.76	51.27 N 179.69 W DEPTH = 33.1 KM						FREE DEPTH SOLUTION		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
26	ASD	EP	13 10 45.0	1.8	.1	2.21	68	282	.1	
26	ASB	EP	13 10 46.0	1.6	.1	2.18	74	278	.2	
26	ACE	EP	13 10 46.5				80	281	-.1	
26	SSI	EP	13 10 47.3	2.4	.1	2.40	85	325	-.1	
		ES	13 10 57.9						-.1	
26	ACA	EP	13 10 47.4				86	286	-.0	
26	13 46 17.78	51.32 N 179.74 W DEPTH = 25.0 KM						FIXED DEPTH SOLUTION		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
26	ASD	EP	13 46 29.0	1.5	.1	2.10	65	277	-.0	
26	ASB	EP	13 46 29.9	2.0	.1	2.25	71	274	-.1	
		ES	13 46 38.8						-.0	
26	ASC	EP	13 46 31.1				78	282	.1	QP
26	SSI	EP	13 46 31.1	3.6	.1	2.54	79	324	-.0	
26	14 29 37.33	51.46 N 178.80 E DEPTH = 40.0 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
26	AND	IPG	14 29 44.4				16	43	.2	
26	ACC	EPG	14 29 44.5				17	81	.2	
26	ACF	IPGC	14 29 44.5				15	62	.3	
26	ACB	EPG	14 29 44.6				20	89	.1	
26	ACA	IPGC	14 29 44.8				22	84	.1	
26	ANA	EPG	14 29 44.9				21	332	.3	
26	ACD	IPG	14 29 44.9				24	99	.1	
26	ACE	IPG	14 29 44.9				27	104	-.1	
26	ASC	EPG	14 29 45.2				25	89	.3	

PAGE 71-08-102

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	ASB	EPG	14 29 45.4	7.6	.1	2.68	33	110	-.2	
		ES	14 29 51.3						-.4	
26	ASD	IPG	14 29 46.0	7.7	.1	2.71	38	101	-.2	
		IS	14 29 52.2						-.5	
26	RAT	IPGD	14 29 47.2	18.8	.2	2.85	50	319	-.3	
		ES	14 29 54.4						-.5	
26	SSI	IPG	14 29 50.5	12.0	.1	3.06	73	48	-.0	
		ES	14 30 .1						-.0	
26	NIK	EP	17 06 7.5							
26	AMA	EP	17 07 37.6	15.4	.2					REGIONAL
26	SSI	EP	17 07 46.6	19.5	.2					NO S VISIBLE
26	ASD	EP	17 07 50.0	12.2	.2					
26	ASB	EP	17 07 50.8	34.4	.2					
26	ASC	EP	17 07 51.2							QP
26	AND	EP	17 07 52.6							QP
26	ANA	EP	17 07 54.6							
26	RAT	EP	17 07 58.3							QP
26	17 39 38.37	51.21 N 179.77 E	DEPTH = 23.6 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
26	ASD	EPG	17 39 45.4	.7	.1	1.57	36	304	-.0	QP.QS.
		ES	17 39 50.6						-.0	
26	ACE	E(P)	17 39 46.9				46	297	-.0	
26	ACD	E(P)	17 39 47.5				50	299	-.0	
26	ASC	EPG	17 39 47.6				50	304	.1	QP
26	AND	E(P)	17 39 50.1				69	305	-.1	QP
26	SSI	EPG	17 39 51.4	2.4	.1	2.35	77	351	-.0	
26	18 7 50.67	51.57 N 178.79 E	DEPTH = 20.6 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
26	AND	IPGD	18 07 54.5				11	96	-.1	
		IS	18 07 57.4						-.1	
26	ANA	IPGD	18 07 54.7				11	303	.1	
26	ACF	EPG	18 07 55.0				15	111	.0	
26	ACB	EPG	18 07 56.0				24	121	.0	
26	ACA	EPG	18 07 56.1				25	114	.0	
26	ACD	EPG	18 07 56.7				29	124	.1	
26	ASC	EPG	18 07 56.9				28	115	.3	QP
26	ASB	EPG	18 07 57.9	.5	.1	1.44	39	127	-.2	
		ES	18 08 3.3						-.2	
26	RAT	EPG	18 07 58.2	.8	.1	1.65	41	308	-.1	
26	ASD	EPG	18 07 58.5	.8	.1	1.69	43	118	-.1	
26	18 14 9.59	51.67 N 179.66 E	DEPTH = 100.0 KM							FIXED DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
26	ASD	EPG	18 14 24.3	.8	.1	2.01	38	215	-.1	
26	ASC	EPG	18 14 24.7				41	236	.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
26	19 26	2.35	51.05 N 179.52 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ASD	IPGD	19 26 11.5	11.2	.1	2.93	40	341	-.7	
26	ASB	IPG	19 26 11.6	3.0	.1	2.36	39	331	-.5	QS
		ES	19 26 17.8						-1.5	
26	ACE	IPG	19 26 12.4				46	328	-.4	
26	ACD	IPG	19 26 12.9				50	327	-.3	
26	ASC	IPGC	19 26 13.2				52	331	-.2	QDIR
26	ACB	IPG	19 26 13.6				55	327	-.1	
26	ACA	IPG	19 26 13.7				55	329	-.1	
26	ACC	IPG	19 26 14.1				59	325	-.0	
26	ACF	IPG	19 26 14.9				64	325	.1	
		IS	19 26 23.3						-.5	
26	AND	IPGD	19 26 15.4				69	325	.1	QDIR
26	ANA	EPG	19 26 18.5				88	317	1.0	
26	SSI	IPGD	19 26 18.8	7.3	.1	2.95	94	3	.6	
		ES	19 26 30.4						.6	
26	RAT	EP	19 26 22.7	3.3	.1	2.68	117	315	1.6	QP
.....										
26	19 56	31.48	51.99 N 178.25 E	DEPTH = 137.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	RAT	EP	19 56 49.9	1.7	.1	2.42	22	166	-.4	QS
		E(S)	19 57 4.3						.3	
26	ANA	EP	19 56 51.2				50	145	.0	
26	AND	EP	19 56 52.1				68	134	-.0	
26	ASC	EP	19 56 53.9				86	133	.6	
26	SSI	E(P)	19 56 53.7	.6	.1	2.04	92	96	-.0	QP
26	ASB	EP	19 56 54.1	.8	.1	2.17	98	135	-.1	QS
		E(S)	19 57 10.4						-.4	
26	ASD	EP	19 56 54.3	1.4	.1	2.42	101	131	-.1	
.....										
26	21 22	11.83	51.28 N 179.39 E	DEPTH = 33.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ASD	EP	21 22 16.9	1.1	.1	1.70	13	346	-.7	
26	ASB	EP	21 22 18.3	3.1	.2	1.84	13	313	.7	
		ES	21 22 22.0						.1	
26	AND	EP	21 22 20.5				44	316	-.2	
26	SSI	EP	21 22 24.4	1.0	.1	1.96	70	11	.2	
.....										
26	ADK	EP	21 25 42.2							
		ES	21 25 50.4							
.....										
26	23 39	45.76	50.12 N 179.87 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
26	ASB	EP	23 40 8.0	2.3	.1	2.59	152	336	-2.1	QP
		ES	23 40 26.4						-1.4	
26	ASD	EPN	23 40 8.1				152	339	-2.0	
		EPG	23 40 9.8	7.6	.2	2.81				
		I(S)	23 40 26.9						-1.0	
26	SSI	EP	23 40 16.2	6.9	.2		201	349	-.1	
		ES	23 40 40.4						1.8	
.....										
26	SSI	EP	23 59 33.3	2.1	.1					POSS. REGIONAL
26	RAT	EP	23 59 33.8	1.7	.1					NO S. VISIBLE
26	ASD	EP	23 59 35.6	4.8	.1					
26	ASB	EP	23 59 36.4	6.0	.1					
26	ASC	EP	23 59 37.5							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	AND	EP	23 59 38.9							
26	ANA	EP	23 59 41.5							
27	AND	IPG	00 17 18.3							
		IS	00 17 21.1							
27	ANA	EPG	00 17 18.5							
27	ASC	EPG	00 17 19.1							
27	ASD	EPG	00 17 22.3	.6	.1	1.56				VERY SM. LOCAL
		ES	00 17 28.1							

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27	0 29 33.23	52.53 N 178.83 E	DEPTH = 92.7 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
27	RAT	EP	00 29 51.0	1.4	.1	2.30	88	203	-0.0	
		E(S)	00 30 4.0						-0.0	
27	ANA	EP	00 29 52.3				101	187	.0	
27	AND	EP	00 29 53.0				108	175	.0	
27	ASD	EP	00 29 55.4	.7	.1	2.09	132	164	-0.0	

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27	0 50 11.68	51.10 N 179.13 E	DEPTH = 31.3 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
27	ASB	EPG	00 50 18.7	.8	.1	1.63	30	16	.0	
		ES	00 50 23.8						-0.0	
27	ASD	EPG	00 50 19.3	.8	.1	1.69	35	25	-0.0	
27	ASC	EPG	00 50 20.0				40	4	.1	
27	AND	EPG	00 50 21.5				52	347	-0.0	

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27	1 32 27.46	51.45 N 178.84 E	DEPTH = 41.4 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
27	AND	EPG	01 32 34.5				15	33	.0	
27	ACB	EPG	01 32 34.8				18	86	.1	
27	ANA	EPG	01 32 34.9				23	328	-0.1	
27	ACA	EPG	01 32 35.0				20	81	.2	
27	ACD	EPG	01 32 35.0				21	97	.1	
27	ACE	EPG	01 32 35.0				24	164	-0.1	
27	ASC	EPG	01 32 35.2				23	87	.2	
27	ASB	EPG	01 32 35.5	.9	.1	1.75	30	110	-0.2	
		ES	01 32 41.4						-0.2	
27	ASD	EPG	01 32 36.2	1.4	.1	1.97	36	101	.0	
27	SSI	E(P)	01 32 40.5				71	46	-0.1	

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27	ADK	EP	03 54 56.2							
27	RAT	IPGD	03 36 50.5	34.3	.1	3.65				
		IS	03 37 3.0							
27	ANA	EP	03 36 53.8							
		ES	03 37 8.2							
27	AND	EP	03 36 55.2							
27	ASC	EP	03 36 57.1							
27	ASB	EP	03 36 57.8	1.9	.2	2.23				
		ES	03 37 15.7							
27	ASD	EP	03 36 58.6	.6	.1	2.01				
27	SSI	IP	03 36 58.6	4.7	.2					

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27	4 17 52.19	51.23 N 178.81 E	DEPTH = 29.6 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
27	ACE	IPG	04 17 59.3				32	52	.0	
27	ACD	IPG	04 17 59.4				32	45	.1	
27	ACB	IPG	04 17 59.5				33	36	.1	
27	ACC	EPG	04 17 59.5				33	29	.1	

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AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS	
27	ASB	IPG	04 17 59.5	12.1	.1	2.82	34	64	-.0		
		IS	04 18 4.6						-.3		
27	ACA	IPG	04 17 59.8				36	37	.1		
27	ASC	IPGD	04 18 0.0				36	43	.2		
27	AND	IPG	04 18 .1				39	15	-.0		
27	ACF	EPG	04 18 .3				36	21	.5		
27	ASD	IPG	04 18 .3	2.8	.1	2.24	41	63	-.2		
		ES	04 18 6.0						-.5		
27	ANA	EPG	04 18 1.2				46	347	.1		
27	RAT	IPG	04 18 4.1	11.5	.1	3.02	72	333	-.6		
27	SSI	IPG	04 18 7.7	4.7	.1	2.72	92	36	.1		
		ES	04 18 18.8						-.0		
.....											
27	4 40 48.41	50.36 N 178.64 E DEPTH = 0.0 KM						FIXED DEPTH SOLUTION			
		RAT ISLANDS, ALEUTIAN ISLANDS									
27	ASB	EP	04 41 9.1	3.2	.1	2.63	119	21	.3		
		ES	04 41 23.7						.0		
27	ASD	IP	04 41 9.7	2.0	.1	2.44	124	23	.0		
27	ASC	EP	04 41 10.3				128	17	.1		
27	AND	EP	04 41 11.3				135	9	-.0		
27	ANA	EP	04 41 12.1				141	1	-.0		
27	SSI	EP	04 41 18.1	4.9	.1	2.99	183	21	-.4		
.....											
27	4 45 1.91	51.56 N 178.82 E DEPTH = 73.0 KM						FREE DEPTH SOLUTION			
		RAT ISLANDS, ALEUTIAN ISLANDS									
27	AND	EPG	04 45 12.5				9	89	-.0		
27	ASC	EPG	04 45 13.2				26	115	.1		
27	ASB	EPG	04 45 13.7	.8	.1	1.88	37	127	-.0		
		E(S)	04 45 22.3						-.0		
27	ASD	EPG	04 45 13.9	.8	.1	1.91	41	118	-.1		
.....											
27	SSI	E(P)	05 23 0.0	1.0	.1						
27	ASD	EPG	05 23 .1	1.3	.1	2.00					
27	ASB	EPG	05 23 1.2	1.3	.1	2.05					
		ES	05 23 9.3								
27	ACE	EPG	05 23 2.0								
27	ASC	EPG	05 23 2.4								
27	ACD	EPG	05 23 2.6								
27	ACB	EPG	05 23 3.2								
.....											
27	5 36 3.16	50.06 N 177.59 E DEPTH = 25.0 KM						FIXED DEPTH SOLUTION			
		RAT ISLANDS, ALEUTIAN ISLANDS									
27	ASD	EP	05 36 32.3	1.3	.1	2.42	193	39	-.4		
27	ASC	EP	05 36 32.3				192	35	-.3		
27	ASB	EP	05 36 32.4	2.6	.1	2.72	186	38	.5	VQS	
		E(S)	05 36 52.8						-.0		
27	ANA	EP	05 36 32.8				190	23	.4		
27	RAT	EP	05 36 33.4	1.1	.1		201	15	-.3		
.....											
27	6 47 57.10	50.11 N 178.83 E DEPTH = 50.0 KM						FIXED DEPTH SOLUTION			
		RAT ISLANDS, ALEUTIAN ISLANDS									
27	ASB	IP C	06 48 18.9	95.0	.3	3.72	143	12	-.1	POOP TAMP	
		IS	06 48 33.9						-1.1		
27	ASD	IP	06 48 19.4	6.7	.1	3.06	148	14	-.2		
27	ASC	IP	06 48 20.1				153	9	-.1	POSS. T PHASE	
27	AND	EP	06 48 21.3				162	3	-.1		
27	ANA	EP	06 48 22.3				170	356	-.0		

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	RAT	EP	06 48 24.9	2.1	.1	2.65	192	350	-.1	
27	AMA	IP C	06 48 25.5	34.6	.1	3.88	196	47	-.1	
27	SSI	IP	06 48 27.8	28.0	.2		206	15	1.0	
		E(S)	06 48 49.4						1.0	
27	ADK	EP	06 48 47.9				371	56	.7	
		ES	06 49 25.0						1.2	
.....										
27	AMA	IPGC	07 00 55.7	17.4	.1	2.96				
		IS	07 01 .3							
27	ASD	EP	07 01 9.3	.6	.1					
27	SSI	E(P)	07 01 11.5							
27	ASC	EP	07 01 11.7							
.....										
27	AMA	IPGC	08 26 13.5	4.9	.1	2.46				
		IS	08 26 18.8							
27	ASD	EP	08 26 21.7	.7	.1	1.94				
		ES	08 26 33.7							
27	ASC	EP	08 26 22.8							
.....										
27	AMA	EP	09 30 31.7	4.3	.1					NO S VISIBLE
27	ASD	EP	09 30 43.2							QP.
27	ASC	EP	09 30 44.5							QP
27	ASB	EP	09 30 44.8							QP
.....										
27	9 21 57.50	11.84 N 88.88 W	DEPTH = 33.0 KM	MB = 5.0	MS = 3.8	TELESEISMIC SOLUTION				
		OFF COAST OF CENTRAL AMERICA								
.....										
27	ADK	EP	09 34 2.7				8833	321		
.....										
27	9 51 3.33	51.74 N 179.17 E	DEPTH = 87.3 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
.....										
27	ASC	EPG	09 51 16.3				31	181	-.1	
27	ACB	EPG	09 51 16.3				31	190	-.1	
27	ACA	EPG	09 51 16.4				29	187	.1	
27	ACC	EPG	09 51 16.5				30	197	.2	
27	SSI	EPG	09 51 16.6	2.4	.1	2.41	33	59	.1	
		ES	09 51 26.0						-.1	
27	ASD	EPG	09 51 16.7	3.4	.1	2.57	41	163	-.2	
27	ACD	EPG	09 51 16.7				35	184	.1	
27	ACE	EPG	09 51 16.7				38	180	-.0	
27	ANA	EPG	09 51 16.9				37	250	.2	
27	ASB	EPG	09 51 17.0	.7	.1	1.89	43	173	-.0	
		ES	09 51 27.0						.0	
27	RAT	EPG	09 51 17.9	.5	.1	1.78	58	277	-.2	
.....										
27	10 43 58.28	51.45 N 178.80 E	DEPTH = 32.1 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
.....										
27	AND	IPG	10 44 4.1				16	40	-.0	
27	ACF	EPG	10 44 4.2				16	57	.1	
27	ACC	IPG	10 44 4.3				17	77	.1	
27	ACB	IPG	10 44 4.6				20	86	.2	
27	ANA	IPG	10 44 4.7				22	334	.1	
27	ACA	EPG	10 44 4.8				22	81	.2	
27	ACD	IPG	10 44 4.9				23	96	.2	
27	ACE	EPG	10 44 5.0				26	102	-.0	
27	ASC	IPG	10 44 5.1				25	86	.2	
27	ASB	IPG	10 44 5.6	1.8	.1	2.00	32	107	-.1	
		IS	10 44 10.6						-.5	
27	ASD	IPG	10 44 6.3	1.4	.1	1.93	38	100	-.0	
		ES	10 44 11.8						-.4	
27	RAT	EPG	10 44 7.6	2.0	.1	2.16	51	320	-.4	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	SSI	IPG	10 44 11.2	3.8	.1	2.55	73	47	.1	
		IS	10 44 20.4						-.1	
27	11 5	6.50	51.41 N 178.95 E	DEPTH = 51.2 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	ASC	EPG	11 05 14.7				16	68	-.0	
27	AND	EPG	11 05 14.8				17	1	.0	
27	ASB	EPG	11 05 15.0	.7	.1	1.67	21	104	-.0	
		ES	11 05 21.2						.0	
27	ASD	EPG	11 05 15.4	.3	.1	1.29	27	94	.0	
27	11 48	1.10	51.33 N 178.91 E	DEPTH = 43.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	ACB	EPGC	11 48 8.6				19	40	-.1	
27	ACD	EPG	11 48 8.7				19	55	.0	
27	ACE	EPGC	11 48 8.7				20	67	-.0	
27	ACA	EPG	11 48 8.8				22	41	-.1	
27	ASB	EPG	11 48 9.0	.8	.1	1.68	24	82	.0	QS
		ES	11 48 14.7						-.0	
27	ASC	EPG	11 48 9.1				23	50	.2	QP
27	ASD	EPG	11 48 9.5	.3	.1	1.25	31	77	-.1	
27	12 31	7.17	52.11 N 178.06 E	DEPTH = 149.7 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	RAT	IP	12 31 27.6	13.9	.1	3.37	39	151	-.3	
		IS	12 31 43.1						.1	
27	ANA	EP	12 31 29.1				68	142	-.0	
27	AND	EP	12 31 30.0				86	134	-.2	
		I(S)	12 31 47.4						.3	
27	SSI	EP	12 31 31.7	1.7	.1	2.53	108	102	-.0	
27	ASD	EP	12 31 32.3	3.4	.1	2.84	119	131	-.4	
27	ASB	EP	12 31 32.5	2.3	.1	2.67	117	135	.0	QS
		ES	12 31 50.4						-.5	
27	ASC	EP	12 31 32.5				105	133	1.0	
27	12 56	1.00	51.18 N 178.57 E	DEPTH = 28.7 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	ACC	IPG	12 56 10.1				47	45	.1	
27	ACB	IPG	12 56 10.2				48	49	.1	
27	ACE	IPG	12 56 10.2				49	60	.0	
27	ACD	IPG	12 56 10.3				48	55	.2	
27	ACF	EPG	12 56 10.3				48	38	.2	
27	ASB	IPG	12 56 10.4	6.7	.1	2.67	51	67	-.1	
		IS	12 56 16.9						-.6	
27	AND	IPG	12 56 10.4				50	32	.0	
27	ANA	IPG	12 56 10.5				50	8	.2	
27	ACA	IPG	12 56 10.6				51	49	.2	
27	ASC	EPG	12 56 10.7				52	53	.1	
27	ASD	EPG	12 56 11.3	1.5	.1	2.08	59	67	-.3	
27	RAT	IP	12 56 12.8	2.5	.1	2.35	70	347	-.5	
27	SSI	EP	12 56 18.5	3.0	.1	2.57	106	42	.0	

PAGE 71-C8-108

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	13	6	13.48	51.49 N	179.48 E	DEPTH = 16.1 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
27	ASD	IPGC	13 06 17.2	6.6	.1	2.27	15	223	-.1	
		ES	13 06 19.9						-.1	
27	ASB	IPGC	13 06 18.2	20.8	.1	2.86	22	229	.0	
		IS	13 06 21.7						.1	
27	ASC	IPGD	13 06 18.2				22	263	-.0	
27	AGE	IPGD	13 06 18.5				24	246	.1	
27	AGA	IPGD	13 06 18.7				25	268	.0	
27	ACD	IPG	13 06 18.7				25	255	.1	
27	ACB	IPG	13 06 19.0				27	264	.0	
27	ACC	IPG	13 06 19.4				31	269	-.0	
27	ACF	EPG	13 06 19.9				34	277	-.1	
27	AND	IPG	13 06 20.2				38	283	-.3	
27	SSI	EPG	13 06 21.7	.8	.1	1.68	46	9	.1	
27	ANA	IPG	13 06 23.5				59	285	-.2	
27	RAT	EPG	13 06 27.9	2.1	.1	2.33	87	294	.0	
		ES	13 06 38.7						.3	
27	AMA	EPG	13 06 29.9	4.1	.1	2.68	100	102	.0	
27	AMA	IPGC	13 31 16.2	11.0	.1					
27	ASD	EP	13 31 24.5	1.5	.2	2.05				
27	ASB	EP	13 31 25.4	.7	.1	2.02				
27	ASC	EP	13 31 27.0							
		ES	13 31 43.0							
27	SSI	EP	13 31 28.4	5.7	.1	3.00				
		ES	13 31 45.9							
27	14	5	13.60	51.45 N	177.78 W	DEPTH = 49.0 KM MB = 5.0				TELESEISMIC SOLUTION
				ANDREANOF ISLANDS, ALEUTIANS ISLANDS						
27	AMA	IP D	14 05 28.0				94	260	-1.5	WHITE OUT
27	ADK	IP	14 05 29.0				90	57	-.0	FELT. 4.0ML
		ES	14 05 40.5						.2	
27	ASD	EPN	14 05 42.2				200	269	-.3	WHITE OUT
		IP	14 05 43.3							
27	SSI	IP D	14 05 42.6				188	286	1.5	WHITE OUT
27	ASB	EP	14 05 42.9	558.8	.3		207	268	-.5	OS
		E(S)	14 06 12.8						7.7	
27	ASC	EP	14 05 44.4				212	272	.4	REGIONAL
27	AND	EP	14 05 46.9				227	274	1.1	
27	ANA	EP	14 05 49.8				247	276	1.4	
27	RAT	EP	14 05 52.7				272	280	1.3	WHITE OUT
27	SMY	EP	14 06 30.4				573	288	1.8	
27	NIK	EP	14 06 37.0				632	71	1.2	
27	GMA	EP	14 09 5.7				1826	25	2.4	
27	AMA	EP	14 22 25.6	5.9	.2					POSS REGIONAL
27	SSI	EP	14 22 34.7	3.9	.2					NO S. VISIBLE
27	ASD	EP	14 22 37.8	2.0	.2					
27	ASB	EP	14 22 38.2	9.1	.3					
27	ASC	EP	14 22 38.6							
27	14	32	13.30	51.97 N	179.24 E	DEPTH = 221.5 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
27	ASC	EP	14 32 43.2				56	186	.1	
27	ANA	EP	14 32 43.2				55			

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PAGE 71-08-109

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	14 38 48.21		51.48 N 178.57 E				35.4 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	ANA	EPG	14 38 54.8				17	21	.2	
27	AND	EPG	14 38 55.7				28	71	.2	
27	ACC	EPG	14 38 56.2				33	90	.2	
27	ACB	EPG	14 38 56.5				36	93	.2	
27	ACA	EPG	14 38 56.7				38	90	.1	
27	RAT	IPG	14 38 56.7	3.3	.1	2.32	39	335	.0	
		IS	14 39 2.4						-.5	
27	ACD	EPG	14 38 56.8				40	99	.0	
27	ASC	EPG	14 38 57.0				41	93	.1	
		IS	14 39 3.1						-.2	
27	ACE	EPG	14 38 57.0				43	102	-.1	
27	ASB	EPG	14 38 57.6	1.3	.1	1.97	49	106	-.3	
27	ASD	EPG	14 38 58.3	2.7	.2	2.01	54	101	-.3	
27	SSI	EPG	14 39 2.8	2.2	.1	2.36	84	57	-.1	
		IS	14 39 13.1						-.1	
27	RAT	IPG	14 58 35.2	6.1	.1	2.74				
		IS	14 58 43.7							
27	ANA	EP	14 58 36.3							
		ES	14 58 45.4							
27	AND	EP	14 58 39.5							
27	ASC	EP	14 58 41.9							
27	ASD	EP	14 58 42.7	.4	.1	1.76				
		ES	14 58 56.1							
27	SSI	EP	14 58 46.6	2.6	.1					
27	15 39 24.90		51.24 N 178.68 E				30.3 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	ACE	EPG	15 39 32.8				39	62	-.1	
27	ACB	EPG	15 39 32.9				38	49	.1	
27	ACC	EPG	15 39 32.9				37	42	.2	
27	ACD	EPG	15 39 32.9				38	56	.1	
27	ASB	EPG	15 39 33.1	2.0	.2	1.80	42	71	-.2	
27	ACF	EPG	15 39 33.1				39	34	.2	
27	AND	EPG	15 39 33.2				41	28	.0	
27	ACA	EPG	15 39 33.2				41	48	.0	
27	ASC	EPG	15 39 33.3				42	53	-.0	
		IS	15 39 39.0						-.4	
27	ANA	EPG	15 39 33.7				43	358	.2	
27	RAT	EPG	15 39 36.4	.8	.1	1.84	67	339	-.4	
27	SSI	IPG	15 39 41.0	3.2	.1	2.57	96	40	-.0	
		ES	15 39 52.8						.0	
27	16 3 31.89		52.07 N 178.39 E				134.7 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	RAT	E(P)	16 03 50.4				31	188	-.1	OP.OS.
		ES	16 04 4.2						.1	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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27 16 46 49.39 52.05 N 177.93 E DEPTH = 132.7 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

27	RAT	IP D	16 47 8.0	24.3	.1	3.57	39	135	-.1	
		ES	16 47 21.7						-.0	
27	ANA	EP	16 47 9.7				69	133	.1	
27	AND	EP	16 47 10.8				89	127	-.1	
27	ASC	EP	16 47 12.5				107	127	.2	
27	SSI	E(P)	16 47 13.0	.7	.1	2.13	115	98	-.0	
27	ASB	EP	16 47 13.2	.7	.1	2.13	119	129	-.1	
		ES	16 47 30.8						-.0	
27	ASD	EP	16 47 13.6	1.1	.1	2.34	122	126	.0	

27	AMA	IP D	16 58 57.4	41.1	.1					
27	SSI	EPG	16 59 11.4	3.3	.1					
27	ASD	EPG	16 59 11.9	4.6	.2	2.51				
		ES	16 59 25.7							
27	ASB	EPG	16 59 13.0	8.4	.2	2.79				
		IS	16 59 27.3							
27	ASC	EPG	16 59 14.0							
27	AND	EPG	16 59 15.9							

27 17 26 12.36 51.18 N 179.46 E DEPTH = 24.4 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

27	ASD	IPG	17 26 18.1	4.5	.1	2.29	25	341	-.1	
		ES	17 26 25.8						3.4	
27	ASB	IPG	17 26 18.2	16.1	.2	2.55	25	324	.0	
		ES	17 26 22.4						.0	
27	ACE	EPG	17 26 18.9				32	321	-.1	
27	ACD	EPG	17 26 19.6				36	321	.1	
27	ASC	EPG	17 26 19.8				38	327	.0	
27	ACB	EPG	17 26 20.2				41	321	.0	
27	ACA	EPG	17 26 20.3				41	325	.1	
27	ACC	EPG	17 26 20.8				45	320	.1	
27	ACF	EPG	17 26 21.7				50	320	.2	
27	AND	EPG	17 26 22.0				55	321	-.3	
27	SST	EP	17 26 25.9	1.7	.1	2.22	80	6	.0	

27	SSI	I(P)	17 39 3.2	.3	.1					QP
27	ASD	IPG	17 39 4.0	1.4	.1	2.07				
27	ASB	EPG	17 39 4.1	2.6	.1	2.34				
		ES	17 39 11.9							
27	ASC	EPG	17 39 7.9							

27 18 4 31.12 51.75 N 179.92 W DEPTH = 99.4 KM FREE DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS

27	SSI	IPG	18 04 45.7	2.5	.2	2.18	37	294	-.1	
		ES	18 04 56.7						.1	
27	ASD	IPG	18 04 47.6	3.2	.1	2.64	65	232	.0	
		IS	18 04 59.6						-.0	
27	ASB	IPG	18 04 48.1	7.2	.1	3.00	73	233	-.1	
		ES	18 05 .1						-.5	
27	ASC	IPG	18 04 48.3				71	243	.3	
		IS	18 05 .7						.3	
27	AND	EPG	18 04 48.8				81	255	-.0	
27	ANA	EPG	18 04 50.6				99	262	.1	
27	RAT	IP	18 04 52.4	3.9	.1	2.83	121	273	-.2	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	20 52	22.46	50.57 N 177.31 W	DEPTH =	0.0 KM					FIXED-DEPTH SOLUTION
			ANDREANOF ISLANDS, ALEUTIANS ISLANDS							
27	AMA	IP	20 52 48.0	34.4	.2	3.45	149	303	.5	REGIONAL
		E(S)	20 53 5.5						-.2	
27	ADK	IP	20 52 48.3				152	16	.3	
		ES	20 53 3.4						-3.1	
27	ASD	EP	20 53 1.7				252	292	-.3	
27	ASB	EP	20 53 2.6				257	291	-.0	
27	SSI	EP	20 53 2.9	11.5	.1		261	305	-.3	
27	ASC	EP	20 53 4.0				266	293	-.2	
27	RAT	EP	20 53 12.1	11.3	.3		333	296	.0	
27	AMA	EPGD	21 05 39.8	23.8	.1	3.16				QDIR
		IS	21 05 45.2							
27	ASD	EPG	21 05 48.1	1.4	.1	2.21				
27	ASB	EPG	21 05 48.8	1.1	.1	2.13				QS
		ES	21 06 .5							
27	ASC	EPG	21 05 50.4							
27	SSI	EP	21 05 51.4	2.8	.1					POOR TAMP
27	21 28	26.83	51.43 N 178.79 E	DEPTH =	46.1 KM					FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	AND	EPG	21 28 34.7				19	37	.0	
27	ASC	EPG	21 28 34.8				27	81	-.4	
27	ACC	EPG	21 28 34.8				19	70	.2	
27	ACR	EPG	21 28 34.9				21	79	.1	
27	ANA	EPG	21 28 35.1				24	339	.1	
27	ACD	EPG	21 28 35.1				24	89	.1	
27	ACE	EPG	21 28 35.1				27	96	-.1	
27	ACA	EPG	21 28 35.2				24	75	.2	
27	ASB	EPG	21 28 35.7	1.5	.1	2.01	33	103	.0	
		IS	21 28 41.6						-.5	
27	ASD	EPG	21 28 36.4	.7	.1	1.70	39	96	.2	
27	RAT	EP	21 28 37.4	1.5	.1	2.09	52	323	-.3	QP
27	21 48	2.54	51.72 N 179.44 W	DEPTH =	84.5 KM					FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	AMA	EP	21 48 16.7	4.9	.1	2.75	54	154	.0	
27	SSI	IP	21 48 18.0	2.0	.1	2.40	69	286	.1	
		ES	21 48 29.1						-.1	
27	ASD	IP	21 48 20.0	2.2	.1	2.50	92	247	-.1	
27	ASB	EP	21 48 20.7	1.5	.1	2.34	99	247	-.1	
		ES	21 48 34.3						-.2	
27	ASC	EP	21 48 20.9				101	254	-.0	
27	AND	EP	21 48 22.0				112	261	-.2	
27	ANA	EP	21 48 24.5				131	266	.2	
27	RAT	E(P)	21 48 26.8	.5	.1	1.98	154	274	.0	QP
27	22 17	4.74	51.33 N 179.73 W	DEPTH =	47.2 KM					FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	AMA	IPG	22 17 14.6	4.4	.1	2.53	44	96	-.1	
		ES	22 17 22.2						.2	
27	ASD	EP	22 17 16.8	.4	.1	1.59	65	276	-.3	QP.QS.
		E(S)	22 17 26.0						-.0	
27	ASB	EP	22 17 18.0				71	273	.2	QP
27	SSI	EP	22 17 18.7	.9	.1	1.98	78	323	.0	
27	ASC	EP	22 17 18.8				78	281	.1	QP

PAGE 71-08-112

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	22 44	5.48	52.13 N 179.49 E	DEPTH = 186.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
27	AND	EP	22 44 31.8				73	211	-4.0	
27	ASD	EP	22 44 32.1	3.8	.1	2.92	83	187	-4.2	
		ES	22 44 51.6						-4.3	
27	ANA	EP	22 44 32.2				80	226	-4.0	
27	ASC	EP	22 44 32.4				78	197	-4.4	
27	RAT	IP	22 44 32.5	11.3	.1	3.40	88	246	-4.1	
27	ASB	EP	22 44 32.6	3.0	.1	2.82	88	191	-4.1	POSS.P TO S CNV
		ES	22 44 52.4						-4.1	
27	AMA	EP	22 44 35.5	6.0	.1	3.17	135	134	-4.2	
		ES	22 44 57.9						-4.2	
27	23 8	43.10	50.74 N 173.56 W	DEPTH = 33.0 KM			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIAN IS.										
27	ADK	IP	23 09 18.2				252	301		
		ES	23 09 34.5							
27	AMA	IP	23 09 37.0	11.1	.2		394	281		OS
		E(S)	23 10 20.6							
27	SSI	EP	23 09 50.0	8.3	.3		494	288		
27	ASD	EP	23 09 50.8	3.5	.2		503	281		
27	ASB	EP	23 09 52.1	7.7	.3		509	281		
27	ASC	EP	23 09 52.8				516	282		
28	0 11	52.83	51.39 N 179.38 E	DEPTH = 26.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
28	ASD	IP	00 11 57.2				3	265	-4.0	FROM BRUSH RCOR
		IS	00 12 .1						-4.3	
28	ASB	IP	00 11 57.3				10	249	-4.2	DO
28	ACE	IPG	00 11 57.9				15	273	-4.1	
28	ACD	IPG	00 11 58.2				18	283	-4.1	
28	ASC	IP	00 11 58.3				17	297	-4.3	DO
28	ACA	IPG	00 11 58.4				21	298	-4.0	
		ES	00 12 2.5						-4.1	
28	ACB	IPG	00 11 58.5				22	291	-4.0	
28	ACC	IPG	00 11 59.0				26	293	-4.1	
28	AND	IP	00 11 59.6				35	302	-4.5	DO
28	ACF	EPG	00 11 59.7				31	299	-4.2	
28	SSI	IPG	00 12 3.2	3.2	.1	2.38	57	14	-4.1	
		ES	00 12 10.5						-4.1	
28	RAT	EP	00 12 7.1	3.0	.2	2.19	86	302	-4.2	OP
28	1 16	48.48	52.15 N 179.46 E	DEPTH = 195.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
28	SSI	EP	01 17 14.4				30	162	-4.0	
28	AND	IP	01 17 15.7				74	208	-4.2	
28	ASC	IP	01 17 16.2				79	195	-4.1	
28	ASD	IP	01 17 16.3	11.3	.1	3.41	85	185	-4.1	
		IS	01 17 36.8						-4.0	
28	ANA	IP	01 1							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	3	3	28.71	51.41 N 178.77 E DEPTH = 45.8 KM			FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
28	AND	IP C	03 03 36.6				21	38	-.0	
28	ACB	IP	03 03 36.7				23	76	-.1	
28	ACC	IP D	03 03 36.7				21	67	.1	
28	ACF	IP	03 03 36.7				20	51	.1	
28	ANA	IP D	03 03 37.0				25	343	.1	
28	ACA	IP	03 03 37.1				26	73	.2	
28	ACD	IP	03 03 37.1				26	86	.1	
28	ACE	IP	03 03 37.1				28	92	-.0	
28	ASC	IP C	03 03 37.3				28	78	.2	
28	ASB	IP D	03 03 37.6				34	100	-.0	
		ES	03 03 43.5						-.6	
28	ASD	IP D	03 03 38.3				40	93	.1	
28	RAT	IP	03 03 39.3	5.5	.1	2.65	53	325	-.3	
28	SSI	IP C	03 03 42.6	5.1	.1	2.73	78	46	-.0	
28	3	6	24.80	51.99 N 178.27 E DEPTH = 113.8 KM			FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
28	RAT	IP C	03 06 40.6	15.8	.1	3.31	22	169	-.1	
28	ANA	IP	03 06 41.9				49	146	.1	
28	AND	EP	03 06 42.8				67	135	-.1	
28	ASC	EP	03 06 44.2				85	133	-.0	
28	SSI	IP D	03 06 44.7	1.5	.1	2.38	91	97	.0	
28	ASD	IP	03 06 45.3	2.5	.1	2.62	100	132	-.1	
28	ASB	EP	03 06 45.3	2.2	.1	2.56	98	136	.1	
		ES	03 07 .1						-.0	
28	3	20	31.97	51.37 N 179.48 E DEPTH = 30.5 KM			FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
28	ASD	EP	03 20 37.2	1.0	.1	1.60	10	283	.0	
28	ASB	EP	03 20 37.6				16	266	.0	
		ES	03 20 41.7						.0	
28	ASC	EP	03 20 38.3				24	295	.0	
28	3	27	5.47	51.30 N 177.56 E DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
28	RAT	IP C	03 27 19.3				77	44	-.2	
28	ANA	EP	03 27 21.1				85	64	.4	
28	AND	EP	03 27 23.3				101	73	.1	
28	ACF	EP	03 27 23.5				103	75	.1	
28	ACC	EP	03 27 23.9				105	78	.1	
28	ACB	EP	03 27 24.3				108	80	.1	
28	ACA	EP	03 27 24.7				110	79	.1	
28	ACD	EP	03 27 24.7				110	82	.1	
28	ACE	EP	03 27 24.9				113	84	-.1	
28	ASC	EP	03 27 25.1				113	80	.1	
28	ASB	EP	03 27 25.4				118	86	-.3	
		ES	03 27 40.4						-.0	
28	ASD	EP	03 27 26.4	6.9	.1	2.98	124	85	-.3	
28	SSI	IP D	03 27 31.0				155	64	-.4	
28	RAT	EP	03 52 9.9	10.4	.1					
28	SSI	IP	03 52 21.7	17.7	.1					
28	ADK	IP	04 05 5.3							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
28	ANA	EP	04 20 58.9							
		ES	04 21 19.8							
28	AND	EP	04 21 .9							
28	ASC	EP	04 21 3.1							
28	ASD	EP	04 21 5.8							
28	SSI	EP	04 21 6.9							
28	RAT	EP	04 21 44.8	10.4	.1					
.....										
28	5 47 51.23	51.56 N 179.16 E	DEPTH = 19.9 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
28	ACA	IP	05 47 55.0				9	198	.0	
28	ASC	IP C	05 47 55.1				11	179	.0	
28	AND	EP	05 47 55.2				14	271	-.2	
28	ACB	IP	05 47 55.2				12	204	.0	
28	ACC	EP	05 47 55.2				12	224	.1	
28	ACF	EP	05 47 55.2				12	252	.0	
28	ACD	IP	05 47 55.5				15	187	.1	
28	ACE	EP	05 47 55.7				18	177	-.0	
28	ASD	IP	05 47 56.2	1.0	.1	1.57	23	146	-.1	
28	ASB	IP D	05 47 56.4	10.2	.1	2.59	23	165	.0	
		ES	05 48 .1						-.0	
28	ANA	IP D	05 47 58.1				35	282	.1	
28	SSI	IP D	05 47 59.8	1.5	.1	1.97	47	38	.0	
28	RAT	EP	05 48 2.1	1.6	.1	2.10	63	295	-.0	
.....										
28	6 21 41.99	51.28 N 179.41 W	DEPTH = 50.0 KM							FIXED DEPTH SOLUTION
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
28	ASD	EP	06 21 56.7	2.2	.1	2.41	88	278	-.5	
		IS	06 22 8.1						-.2	
28	ASB	EP	06 21 57.8	2.3	.1	2.45	94	276	-.1	
28	SSI	EP	06 21 58.0				97	315	-.3	
28	ASC	EP	06 21 58.7				101	282	-.1	
28	AND	EP	06 22 .8				118	286	-.1	
28	ANA	EP	06 22 4.5				139	287	1.0	
28	RAT	EP	06 22 7.2				167	291	.3	
.....										
28	7 31 41.45	51.28 N 179.64 E	DEPTH = 48.5 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
28	ASD	IP	07 31 49.8	8.5	.1	2.75	24	301	-.1	
28	ASB	IP	07 31 50.2				29	289	-.0	
		ES	07 31 56.6						.0	
28	ACE	IP	07 31 50.7				35	293	-.0	
28	ACD	IP	07 31 51.1				39	295	.0	
28	ASC	IP C	07 31 51.2				39	302	.1	
28	ACA	EP	07 31 51.5				43	302	.1	
28	ACB	IP	07 31 51.6				44	298	.1	
28	ACC	IP	07 31 52.0				48	299	.1	
28	AND	IP C	07 31 52.7				57	304	-.3	
28	SSI	EP	07 31 54.3	2.4	.1	2.37	69	357	.0	
28	ANA	IP C	07 31 55.5				78	300	.0	
28	RAT	IP C	07 31 59.1	1.1	.1	2.17	108	303	.0	
.....										
28	9 4 42.75	51.90 N 178.79 E	DEPTH = 90.2 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
28	ANA	IP	09 04 56.1				32	196	-.1	
28	AND	IP	09 04 56.6				39	163	.1	
28	ASC	IP	09 04 57.7				55	152	.1	
28	ASD	EP	09 04 58.4				68	146	-.2	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	09 05 10.1						-0	
28	ASB	EP	09 04 58.6	1.1	.1	2.15	68	152	.1	
28	AMA	IP C	10 27 54.0							
28	ASD	EP	10 28 8.3	12.3	.2	2.94				
		ES	10 28 22.0							
28	ASB	EP	10 28 9.4	30.5	.2	3.35				
28	ASC	EP	10 28 10.4							
28	AND	IP C	10 28 12.5							
28	ADK	EP	10 28 14.5							
		ES	10 28 34.2							
28	ANA	EP	10 28 15.5							
28	SSI	EP	10 28 8.5	77.6	.1					
28	RAT	EP	10 28 18.6	1.5	.2					
		0	-0.0							
28	AMA	IP C	10 48 38.8	18.6	.1	2.88				
		ES	10 48 42.3							
28	ASD	EP	10 48 53.5							
28	ASB	EP	10 48 54.4							
		ES	10 49 9.4							
28	ASC	EP	10 48 55.6							
28	ADK	EP	11 12 16.9							
		ES	11 12 24.4							
28	AMA	EP	11 12 28.4	19.5	.1					
28	SSI	EP	11 12 39.4							
28	ASD	EP	11 12 41.3	1.5	.1					
28	ASB	IP	11 12 42.3	3.9	.1					
		ES	11 13 8.7							
28	ASC	EP	11 12 43.2							
28	AND	EP	11 12 45.4							
28	ANA	EP	11 12 47.5							
28	RAT	EP	11 12 50.1							
28	11 32 30.24		51.18 N 179.35 E	DEPTH = 42.2 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	ASD	IP C	11 32 37.8	9.9	.1	2.77	24	358	-.2	
28	ASB	IP C	11 32 37.8				22	340	-.0	
		ES	11 32 43.1						-.2	
28	ACE	IP	11 32 38.3				28	333	-.0	
28	ACD	IP	11 32 38.8				32	331	.1	
28	ASC	IP D	11 32 39.1				34	337	.2	
28	ACB	IP	11 32 39.2				37	330	.1	
28	ACA	IP	11 32 39.4				37	334	.2	
28	ACC	IP	11 32 39.6				40	328	.1	
28	AND	EP	11 32 40.7				51	327	-.1	
28	SSI	EP	11 32 44.5	1.7	.1	2.25	81	11	.0	
28	RAT	EP	11 32 46.6	7.1	.1	2.94	99	315	-.1	
28	13 9 2.10		51.46 N 179.43 E	DEPTH = 18.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	ASD	IP	13 09 5.7	1.3	.1	1.53	10	217	-.0	
28	ASB	EP	13 09 6.4				17	228	.0	
		ES	13 09 9.5						-.0	
28	ACE	IP C	13 09 6.6				19	249	-.0	
28	ASC	EP	13 09 6.7				18	271	.1	
28	ACA	EP	13 09 6.8				22	276	-.2	
28	ACD	IP	13 09 6.9				21	260	.1	
28	ACB	EP	13 09 7.2				23	271	.0	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	13 55 31.48		51.53 N 179.88 W	DEPTH = 20.9 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
28	SSI	IP	13 55 41.1	2.7	.1	2.28	55	318	-.0	
28	ASD	IP D	13 55 41.2	4.6	.1	2.52	56	255	-.1	
28	ASB	IP C	13 55 41.8	4.2	.1	2.52	63	253	-.6	
		ES	13 55 50.1						-.2	
28	ASC	IP C	13 55 43.4				66	264	.5	
28	AND	EP	13 55 45.8				81	273	.8	
28	RAT	IP	13 55 46.1	9.0	.1	3.11	127	285	-5.9	
28	ANA	EP	13 55 48.6				101	277	.5	
28	AMA	IP C	14 51 54.4	30.3	.1	3.07				
		IS	14 51 57.7							
28	ASD	EP	14 52 9.0	1.4	.1	2.31				
28	ASB	EP	14 52 9.8	2.5	.1	2.58				
		ES	14 52 24.8							
28	ASC	EP	14 52 11.2							
28	AMA	IP C	15 14 45.3	17.3	.1					
28	ASD	EP	15 14 59.8							
28	ASB	EP	15 15 .8	1.7	.1	2.41				
		ES	15 15 15.8							
28	ASC	EP	15 15 1.9							
28	AMA	IP C	15 28 28.6	23.8	.1					
28	ASD	EP	15 28 43.3	1.3	.1	2.27				
28	ASB	EP	15 28 44.2							
		ES	15 28 59.2							
28	ASC	EP	15 28 45.2							
28	ADK	EP	16 06 3.0							
28	16 58 58.70		51.23 N 179.34 E	DEPTH = 34.3 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	ASD	IP D	16 59 4.8	7.4	.1	2.55	18	1	-.2	
28	ASB	IP	16 59 4.8	5.0	.1	2.37	16	337	-.0	
		IS	16 59 9.0						-.3	
28	ACE	IP	16 59 5.3				22	330	-.0	
28	ACD	IP	16 59 5.8				26	328	.1	
28	ASC	IP	16 59 6.1				29	336	.2	
28	ACB	IP	16 59 6.3				31	327	.1	
28	ACA	EP	16 59 6.4				32	332	.1	
28	ACC	IP	16 59 6.8				35	325	.2	
28	ACF	IP	16 59 7.5				41	325	.2	
28	AND	IP	16 59 8.1				46	325	.2	
28	SSI	IP	16 59 12.0	5.1	.1	2.70	76	13	-.1	
28	RAT	EP	16 59 14.2	2.7	.1	2.49	94	313	-.5	
28	AND	IP D	17 46 2.9							
		IS	17 46 5.9							
28	ANA	IP	17 46 3.1							
28	ASB	EP	17 46 6.3	1.4	.1					
28	ASD	EP	17 46 7.0	1.8	.1					
28	SSI	IP C	17 46 18.6							
28	RAT	IP	19 17 6.2							
28	ANA	EP	19 17 10.1							
28	AND	EP	19 17 12.5							
28	ASC	EP	19 17 14.6							
28	ASB	EP	19 17 16.3	5.3	.1					
		ES	19 18 34.8							
28	ASD	EP	19 17 16.7	2.4	.1					
28	SSI	EP	19 17 17.2	4.4	.1					

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
28	19 19 48.55		52.20 N 176.27 E	DEPTH = 100.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
28	RAT	IP C	19 20 11.9	28.4	.1	3.74	148	107	-1.1	
28	ANA	EP	19 20 15.8				177	110	-3.3	
28	AND	EP	19 20 18.7				198	110	.1	
		ES	19 20 40.3						-.2	
28	ASC	EP	19 20 20.6				216	111	-.0	
28	ASD	EP	19 20 22.3	7.8	.2		230	112	-.0	
28	ASB	EP	19 20 22.8	8.3	.2		226	113	1.0	
28	SSI	EP	19 20 22.8				230	97	.5	
.....										
28	ASD	EP	20 08 44.6	1.5	.1					NO S.
28	ASB	EP	20 08 45.5	3.1	.1					
28	ASC	EP	20 08 46.0							
28	AND	EP	20 08 47.5							
28	ANA	EP	20 08 49.9							
28	ADK	IP	22 49 29.3							
		ES	22 49 44.3							
28	AMA	IP	22 49 51.1	14.8	.1					
28	SSI	EP	22 50 1.7							
28	ASD	EP	22 50 4.3							
		ES	22 50 46.5							
28	ASB	EP	22 50 4.7							
28	ASC	EP	22 50 5.6							
.....										
28	23 40 31.54		51.76 N 179.26 E	DEPTH = 93.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
28	SSI	EP	23 40 45.1				27	56	.0	
28	AND	EP	23 40 45.2				31	225	-.0	
28	ASC	EP	23 40 45.5				34	192	.1	
28	ASD	EP	23 40 45.6	4.5	.1	2.72	41	173	-.2	
28	ASB	EP	23 40 46.0	6.4	.1	2.88	44	182	.1	
		IS	23 40 56.4						-.0	
28	ANA	IP	23 40 46.1				44	251	.2	
28	RAT	IP C	23 40 47.2	19.9	.1	3.41	65	274	-.1	
.....										
29	SSI	IP	01 32 9.6	3.9	.1					
29	ASD	IP C	01 32 13.3	16.9	.1	3.09				
29	ASC	IP	01 32 14.1							
29	ASB	EP	01 32 14.4	6.6	.1	2.72				
		ES	01 32 21.8							
29	AND	EP	01 32 15.5							
29	ANA	EP	01 32 18.3							
29	RAT	IP	01 32 21.4	5.5	.1					
.....										
29	3 35 15.10		6.32 N 127.38 E	DEPTH = 58.0 KM			TELESEISMIC SOLUTION			
PHILIPPINE ISLANDS REGION										
29	ADK	EP	03 45 47.8				7169	35		
.....										
29	4 46 36.07		51.55 N 178.78 E	DEPTH = 19.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
29	AND	IP	04 46 39.8				12	81	-.1	
29	ANA	IP	04 46 40.0				12	317	.0	
29	ASC	IP	04 46 42.0				28	109	.2	
29	ASB	IP	04 46 43.1	2.1	.1	2.05	38	122	-.1	
		ES	04 46 48.5						.0	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
29	ASD	IP	04 46 43.8	2.1	.1	2.08	42	114	-0.0	
29	8 26 52.50		11.40 N 86.40 W				33.0		MB = 4.9	TELESEISMIC SOLUTION
			NEAR COAST OF NICARAGUA							
29	ADK	IP	08 39 7.2				9042	321		
29	9 29 35.90		9.01 N 126.25 E				70.0		MB = 5.2	TELESEISMIC SOLUTION
			MINDANAO, PHILIPPINE ISLANDS							
29	ADK	IP	09 39 57.4				6999	36		
29	ASD	IP	11 58 52.7	2.1	.1	1.98				
29	ASB	IP	11 58 53.8	1.9	.1	2.01				
		IS	11 58 58.6							
29	ASC	IP	11 58 54.7							
29	13 21 25.16		51.16 N 178.64 E				26.9			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
29	ACE	IP	13 21 33.8				46	54	-0.0	
29	ACD	IP	13 21 33.9				46	49	.1	
29	ASB	IP C	13 21 34.0	10.3	.1	2.83	48	62	-0.1	
		ES	13 21 40.0						-0.6	
29	ACB	IP	13 21 34.1				46	43	.2	
29	ACF	IP	13 21 34.3				48	31	.2	
29	AND	IP D	13 21 34.5				50	26	.1	
29	ACA	IP	13 21 34.5				49	43	.2	
29	ASC	IP C	13 21 34.6				50	47	.2	
29	ASD	IP D	13 21 34.9				55	62	-0.3	
29	ANA	IP D	13 21 34.9				52	2	.2	
29	RAT	IP	13 21 37.4	10.1	.1	2.97	75	343	-0.5	
29	SSI	EP	13 21 42.4	7.8	.1	2.98	105	38	-0.0	
29	13 21 54.72		51.22 N 178.77 E				37.0			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
29	ASB	EP	13 22 3.2				37	65	.1	
		ES	13 22 9.2						-0.0	
29	AND	IP D	13 22 3.6				40	19	.1	
29	ASD	IP	13 22 3.9	2.2	.1	2.19	44	64	-0.1	
29	ANA	IP C	13 22 4.1				46	351	-0.1	
29	13 30 33.69		51.55 N 179.80 E				19.7			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
29	AND	IP D	13 30 37.4				11	82	-0.1	
29	ANA	IP	13 30 37.7				13	313	.0	
29	ASC	EP	13 30 39.6				27	110	.2	
29	ASB	EP	13 30 40.7	1.6	.1	1.92	38	124	-0.1	
		ES	13 30 46.0						.0	
29	ASD	EP	13 30 41.3	1.7	.1	1.98	42	115	-0.1	
29	AMA	IP D	19 29 .9	5.7	.1					
29	ASD	EP	19 29 14.9	6.3	.1	3.00				
29	SSI	IP C	19 29 15.3	2.4	.1					
29	ASB	EP	19 29 15.8	10.7	.1	3.25				
		ES	19 29 32.1							

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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29	ASC	EP	19 29 17.0							
29	AND	IP	19 29 19.5							
29	RAT	EP	19 29 25.3							

30	1 47 44.83	51.12 N 179.72 E	DEPTH = 32.4 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										

30	ASD	IP C	01 47 53.2	14.4	.1	2.96	40	319	-1.0	
30	ASB	EP	01 47 53.4	5.6	.1	2.56	43	309	-1.1	
30	ACE	IP	01 47 54.4				50	309	.0	
30	ACD	IP	01 47 55.0				54	310	.1	
30	ASC	IP	01 47 55.2				55	315	.1	
30	ACA	EP	01 47 55.6				58	314	.0	
30	AND	IP	01 47 57.4				73	313	-1.2	
30	ANA	IP	01 48 .6				93	308	.1	

30	ASD	IP	04 15 51.3	5.3	.1					
30	ASB	IP	04 15 52.0	5.6	.1					
30	ASC	IP	04 15 52.8							
30	ANA	EP	04 15 53.1							
30	AND	EP	04 15 54.4							

30	ADK	EP	06 14 49.9							
30	ASD	IP	06 15 43.7	7.3	.1	2.84				
30	ASB	IP	06 15 44.6	6.5	.1	2.82				
30	ASC	IP	06 15 45.5							
30	AND	EP	06 15 47.6							
30	ANA	EP	06 15 50.1							

30	ADK	IP	12 10 51.6							
30	ES	IP	12 10 58.4							

30	14 15 31.03	51.83 N 178.50 E	DEPTH = 92.1 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										

30	RAT	IP D	14 15 43.9	2.2	.1	2.37	12	252	-1.2	
30	ANA	IP	14 15 44.6				26	154	.2	
30	AND	IP	14 15 45.2				44	134	-1.1	
30	ACC	EP	14 15 46.1				54	136	.1	
30	ACA	EP	14 15 46.3				58	132	.1	
30	ACB	EP	14 15 46.3				58	135	.1	
30	ASC	IP	14 15 46.6				62	132	.1	
30	ACD	EP	14 15 46.6				63	135	-1.0	
30	ASB	IP	14 15 47.4	17.8	.1	3.38	74	135	-1.1	
30	ES	IP	14 15 59.4						-1.1	
30	ASD	IP	14 15 47.5	9.7	.1	3.12	76	130	-1.2	
30	SSI	EP	14 15 47.6	4.1	.1	2.74	75	85	-1.0	

30	15 50 55.37	51.39 N 178.71 E	DEPTH = 46.5 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										

30	AND	IP D	15 51 3.6				25	41	-1.0	
30	ACC	IP	15 51 3.7				25	65	-1.1	
30	ACF	IP	15 51 3.7				24	52	.1	
30	ACB	IP	15 51 3.8				27	73	.0	
30	ANA	IP D	15 51 3.9				26	352	.2	
30	ACD	IP	15 51 3.9				30	82	-1.1	
30	ACA	IP	15 51 4.0				30	70	.0	
30	ACE	IP	15 51 4.1				32	88	-1.1	
30	ASC	IP D	15 51 4.2				32	76	-1.0	
30	ASB	IP C	15 51 4.5	368.4	.1	4.42	37	95	-1.2	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.	30	IS	15 51 11.5						.1	
.	30	ASD IP C	15 51 5.1				44	90	-.2	
.	30	RAT IP D	15 51 6.2				53	330	-.1	
.	30	SSI IP	15 51 9.7				82	47	-.1	
.	30	AMA IP C	15 51 18.6	43.2	.1	3.88	152	93	.2	
.....										
.	30	16 59 59.10	51.56 N 178.79 E	DEPTH = 23.5 KM						FREE DEPTH SOLUTION
.			RAT ISLANDS, ALEUTIAN ISLANDS							
.	30	AND IP	17 00 3.4				11	91	-.1	
.	30	ANA IP	17 00 3.4				11	308	-.0	
.	30	ACB EP	17 00 4.7				24	118	.0	
.	30	ACA EP	17 00 4.8				25	112	.0	
.	30	ASC IP	17 00 5.4				28	113	.2	
.	30	ACD EP	17 00 5.4				28	122	.2	
.	30	ASB IP	17 00 6.5	1.4	.1	1.89	39	125	-.1	
.		ES	17 00 11.9						-.2	
.	30	RAT IP C	17 00 6.9	15.3	.1	2.95	41	310	-.0	
.	30	ASD IP	17 00 7.1	2.0	.1	2.07	43	116	-.1	
.	30	SSI IP C	17 00 10.5				66	56	-.0	
.....										
.	30	17 17 15.60	17.32 N 145.64 E	DEPTH = 170.0 KM						TELESEISMIC SOLUTION
.			MARIANA ISLANDS							
.	30	ADK EP	17 25 20.3				5061	32		
.....										
.	30	ADK EP	19 52 7.3							
.....										
.	31	4 15 59.19	50.19 N 177.41 E	DEPTH = 0.0 KM						FIXED DEPTH SOLUTION
.			RAT ISLANDS, ALEUTIAN ISLANDS							
.	31	ANA EP	04 16 29.2				183	28	-.1	
.	31	ASB EP	04 16 29.7	4.2	.1	2.92	184	44	-.2	
.		ES	04 16 51.7						.2	
.	31	AND EP	04 16 29.7				188	35	-.3	
.	31	ASC IP	04 16 30.1				188	40	-.0	
.	31	ASD EP	04 16 30.3	5.5	.1	3.05	191	45	-.2	
.	31	SSI EP	04 16 38.3	2.0	.1		244	38	.6	
.	31	AMA EP	04 16 41.4				274	62	-.1	
.....										
.	31	AMA IP D	07 59 28.5	30.0	.1					
.	31	ADK EP	07 59 30.7							
.		ES	07 59 55.8							
.	31	ASD EP	07 59 39.2	4.9	.1					
.	31	ASB EP	07 59 39.8	4.7	.1					
.		ES	08 00 10.3							
.	31	ASC EP	07 59 41.4							
.	31	SSI IP	07 59 43.3							
.	31	ANO EP	07 59 43.6							
.	31	ANA IP	07 59 46.8							
.	31	RAT IP	07 59 50.2	5.2	.1					
.....										
.	31	12 3 41.80	51.59 N 179.83 E	DEPTH = 75.0 KM						FREE DEPTH SOLUTION
.			RAT ISLANDS, ALEUTIAN ISLANDS							
.	31	SSI EP	12 03 53.9	3.9	.1	2.58	38	334	.0	
.	31	ASD IP	12 03 54.1	15.0	.1	3.17	40	238	.1	
.	31	ASB IP	12 03 54.6	4.7	.1	2.68	48	239	.0	
.		IS	12 04 3.9						.0	
.	31	ASC IP	12 03 54.6				48	254	.0	
.	31	ACA EP	12 03 54.7				51	257	-.1	

SEISMOLOGICAL BULLETIN (CGS-746-125)

PAGE 71-08-121

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
31	ACB	EP	12 03 54.9				53	256	-.1	
31	AND	EP	12 03 55.5				61	268	-.1	
31	ANA	EP	12 03 57.7				81	274	-.1	
31	13 12 44.00		51.42 N 179.20 E							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
31	ASD	EP	13 12 54.6	4.5	.1	2.59	10	110	-.0	
31	ASB	EP	13 12 54.6				8	156	.0	
		ES	13 13 2.3						.0	
31	ASC	EP	13 12 54.6				5	329	.0	
31	RAT	EP	13 12 58.8	3.3	.1	2.59	73	305	-.0	
31	14 49 34.55		51.75 N 179.98 W							FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
31	SSI	IP D	14 49 41.6	84.2	.1	3.65	34	299	-.0	
		IS	14 49 46.8						.0	
31	ASD	IP	14 49 45.4	4.5	.1	2.55	61	230	-.0	
31	ASC	EP	14 49 46.3				67	242	.1	
31	ASB	IP C	14 49 46.4	7.0	.1	2.78	69	231	-.1	
		IS	14 49 55.1						-.1	
31	ACA	EP	14 49 46.5				69	245	.1	
31	ACE	EP	14 49 46.7				70	237	.0	
31	ACB	IP	14 49 47.0				72	244	.1	
31	ACC	EP	14 49 47.3				74	247	.1	
31	AND	EP	14 49 47.5				77	255	-.1	
31	AMA	IP	14 49 48.0	5.2	.1	2.70	79	130	-.0	
31	ANA	EP	14 49 50.4				95	262	.1	
31	RAT	EP	14 49 53.5	4.9	.1	2.82	117	273	-.1	
31	16 53 15.66		50.92 N 178.46 E							FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
31	ASB	EP	16 53 28.2	13.5	.1	3.09	74	48	-.1	
		IS	16 53 37.3						-.1	
31	ACE	IP	16 53 28.2				73	43	.0	
31	ACD	EP	16 53 28.4				74	40	.1	
31	ACB	EP	16 53 28.5				75	36	.1	
31	ACC	IP	16 53 28.5				75	33	.1	
31	ACA	EP	16 53 28.9				78	36	.1	
31	ACF	IP	16 53 28.9				77	29	.2	
31	ASC	IP	16 53 29.0				78	39	.1	
31	ASD	IP C	16 53 29.1	8.5	.1	2.93	81	49	-.2	
31	AND	IP C	16 53 29.1				79	26	.0	
31	ANA	IP	16 53 29.4				80	10	.2	
31	RAT	IP D	16 53 31.6	9.0	.1	3.02	98	355	-.3	
31	SSI	IP C	16 53 36.9	14.9	.1	3.35	134	36	-.3	
31	17 45 .51		50.38 N 177.91 E							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
31	ASB	IP D	17 45 23.9	7.2	.1	3.07	144	40	.3	

AUG 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
31	AMA	EP	18 20 45.8	4.8	.1					
31	ASD	EP	18 20 51.3	3.2	.1	2.51				
		ES	18 21 .9							
31	ASB	IP	18 20 52.4	4.2	.1	2.66				
31	ASC	EP	18 20 53.5							

.....
 . 31 22 45 11.26 51.81 N 178.27 E DEPTH = 116.2 KM FREE DEPTH SOLUTION
 . RAT ISLANDS, ALEUTIAN ISLANDS
 .

. 31	RAT	IP C	22 45 27.0	24.8	.1	3.51	4	104	-.2	
. 31	ANA	IP	22 45 28.0				34	127	.2	
. 31	AND	EP	22 45 28.8				55	120	.0	
. 31	ASC	EP	22 45 30.2				73	121	.2	
. 31	ASB	EP	22 45 30.7	.9	.1	2.16	84	126	-.1	
		ES	22 45 45.0						-.0	
. 31	ASD	EP	22 45 30.9	1.7	.1	2.43	88	122	-.2	

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AUG HYPOCENTER SUMMARY

PAGE 71-08-123

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
01	0 26 4.18	52.04 N	179.72 E	183.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	6 55 42.68	50.54 N	179.13 W	29.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	8 21 22.90	9.69 S	159.75 E	60.0 T	4.7		SOLOMON ISLANDS
01	10 9 1.06	51.08 N	179.16 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	13 11 53.22	51.17 N	179.77 W	35.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	17 6 49.76	50.85 N	179.10 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
01	17 58 40.00	51.33 N	178.65 E	32.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	18 2 49.38	52.07 N	178.94 E	153.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	18 53 53.21	50.63 N	178.31 E	25.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	21 49 45.67	50.98 N	179.85 E	3.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	21 49 46.30	5.34 S	152.66 E	38.0 T	5.0	5.3	NEW BRITAIN REGION
02	0 19 54.20	5.56 S	152.61 E	36.0 T	5.6	5.8	NEW BRITAIN REGION
02	1 44 46.60	51.51 N	179.94 W	0.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
2	3 21 52.20	55.10 N	160.28 W	113.0 T	3.2		ALASKA PENINSULA
02	4 44 43.27	51.19 N	178.75 E	14.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	4 59 59.26	52.23 N	176.25 E	125.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	5 2 48.96	51.41 N	178.76 E	51.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	5 8 9.01	51.24 N	178.83 E	37.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	6 30 45.01	51.76 N	176.91 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	7 24 56.80	41.38 N	143.46 E	51.0 T	6.6		HOKKAIDO, JAPAN REGION
02	10 0 37.20	52.09 N	174.89 W	150.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	13 0 1.50	41.30 N	143.47 E	54.0 T	5.6		HOKKAIDO, JAPAN REGION
02	13 9 19.67	51.16 N	179.49 W	0.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	16 23 23.75	51.75 N	179.64 E	123.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	16 23 42.08	52.12 N	177.06 E	121.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	16 32 45.76	51.79 N	178.11 E	142.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	17 12 40.01	51.69 N	179.59 E	87.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
2	18 49 11.70	60.51 N	152.07 W	120.0 T			SOUTHERN ALASKA
02	18 58 43.76	51.68 N	177.92 E	72.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	19 18 6.27	51.73 N	179.12 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	19 29 28.33	51.09 N	179.25 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-124

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
02	20 23 27.16	51.12 N	178.99 E	24.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	21 13 45.33	50.77 N	176.94 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	21 22 17.61	51.71 N	179.06 E	89.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	22 56 40.03	52.58 N	178.64 E	150.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	23 7 27.08	51.43 N	178.77 E	44.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	23 34 31.88	51.65 N	178.86 E	23.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	1 3 12.50	51.21 N	178.02 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
03	1 28 46.89	51.12 N	179.94 W	8.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	2 43 51.61	50.95 N	178.49 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
03	4 15 11.26	51.48 N	178.66 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
03	5 54 4.86	51.15 N	179.28 E	29.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	6 10 13.04	51.37 N	179.33 E	55.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	6 22 1.78	51.13 N	179.31 E	28.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	6 53 42.65	51.41 N	178.76 E	45.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	8 13 49.61	51.63 N	179.67 W	86.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	11 7 40.20	51.82 N	176.47 W	65.0 T	3.5		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
03	11 54 48.13	51.50 N	179.84 E	65.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	12 42 9.06	50.95 N	178.50 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
03	12 51 24.38	51.16 N	179.50 W	0.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	13 11 3.44	51.70 N	179.75 E	88.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	13 29 15.57	51.77 N	179.12 W	96.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	13 32 19.56	51.52 N	179.29 E	83.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	14 19 56.51	51.69 N	179.11 E	81.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	16 44 18.63	51.75 N	179.76 E	14.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	16 47 45.82	51.75 N	179.77 E	16.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	16 56 54.84	51.57 N	179.29 E	68.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	18 1 27.40	52.18 N	178.57 W	185.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	18 12 11.55	50.41 N	174.91 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
3	18 36 47.30	60.10 N	152.75 W	82.0 T	3.8		SOUTHERN ALASKA
03	21 6 14.67	51.02 N	178.63 E	32.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	22 44 13.97	51.26 N	179.91 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-125

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
04	0 21 53.50	51.49 N	178.36 E	55.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	4 56 4.62	51.67 N	179.44 W	97.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	6 54 43.23	50.26 N	178.05 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
04	8 3 52.42	50.97 N	179.27 E	21.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	11 17 16.05	50.47 N	177.21 E	.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	12 3 27.09	51.57 N	178.82 E	21.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	13 27 56.41	51.56 N	179.53 E	76.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	13 55 46.84	51.34 N	179.91 E	30.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	14 14 39.59	51.60 N	179.47 E	80.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	15 14 34.76	51.32 N	179.40 E	33.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	17 25 21.70	51.82 N	177.78 W	37.0 T	4.1		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
04	18 24 5.40	52.39 N	168.60 W	33.0 T	4.3		FOX ISLANDS, ALEUTIAN ISLANDS
04	19 8 41.22	51.38 N	179.36 E	40.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	21 34 17.21	51.50 N	179.31 E	70.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	22 44 21.11	50.73 N	174.81 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
04	23 52 24.61	51.56 N	178.79 E	26.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	3 16 57.67	51.52 N	179.73 W	72.3 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	4 42 12.84	51.14 N	178.32 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
05	11 9 14.67	50.08 N	179.93 E	23.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	11 59 28.22	51.70 N	176.02 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
05	13 51 8.30	55.65 N	165.01 W	33.0 T	5.2		FOX ISLANDS, ALEUTIAN ISLANDS
05	14 36 .84	51.08 N	179.68 E	37.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	15 12 37.34	52.08 N	179.83 E	181.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	15 54 58.55	51.65 N	179.65 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	16 16 37.51	51.12 N	179.40 E	28.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	17 13 41.78	52.14 N	179.85 W	169.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	20 44 12.60	51.40 N	176.74 W	40.0 T	4.1		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
05	21 42 22.33	51.73 N	176.33 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
05	21 45 43.01	50.94 N	179.21 E	23.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	23 49 40.55	50.54 N	177.68 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
06	0 22 46.31	51.74 N	179.49 E	169.8 F			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-126

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
06	2 6 41.67	52.14 N	178.78 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	3 15 10.48	51.90 N	179.24 W	24.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	5 41 31.19	51.40 N	179.23 E	27.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	8 8 35.39	51.00 N	179.17 E	28.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	9 52 22.11	52.37 N	179.46 E	155.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	11 1 3.97	51.50 N	179.65 E	20.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	16 22 25.40	51.32 N	179.45 W	0.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	20 28 20.89	50.13 N	179.46 E	24.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	21 42 54.63	51.66 N	179.58 E	82.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	22 3 1.64	52.20 N	178.65 W	184.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	22 20 46.69	50.94 N	179.27 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
07	0 21 27.44	51.01 N	179.19 E	34.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	0 33 31.89	50.99 N	179.16 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
07	2 13 46.92	51.00 N	179.22 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
07	2 49 59.94	51.02 N	179.31 E	30.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	3 7 36.13	51.72 N	179.86 W	79.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
07	3 20 55.33	51.61 N	178.93 E	75.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	5 34 39.99	51.99 N	178.19 E	143.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	7 48 55.23	50.96 N	179.02 E	37.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	9 38 3.62	51.84 N	178.92 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
07	10 23 29.36	50.76 N	179.36 W	29.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
07	14 0 53.76	51.05 N	179.77 E	39.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	15 39 44.34	51.03 N	179.37 E	31.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	16 7 3.16	51.00 N	179.24 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
07	18 4 11.35	51.61 N	179.63 E	90.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	0 17 53.12	51.97 N	179.42 E	124.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	1 17 30.98	51.47 N	179.46 E	37.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	1 33 44.27	51.98 N	178.23 E	118.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	3 27 9.03	51.20 N	178.43 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
08	4 42 1.01	51.66 N	178.82 E	76.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	4 44 33.94	52.11 N	179.32 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-127

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
08	5 57 46.37	51.73 N	177.11 E	38.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	7 29 21.05	51.91 N	179.14 W	75.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	8 20 19.34	50.62 N	179.56 W	75.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	8 36 52.43	51.55 N	179.95 E	151.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	9 33 56.73	51.51 N	175.47 W	125.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
08	11 13 7.36	51.50 N	177.75 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
08	13 15 26.31	50.90 N	179.20 E	12.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	13 23 41.76	50.91 N	179.25 E	20.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	14 26 23.93	51.13 N	179.83 W	37.6 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	14 33 .51	50.99 N	179.98 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	14 40 24.54	50.97 N	179.30 W	20.3 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	17 1 32.50	51.70 N	176.43 W	66.0 T	3.9		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
08	18 47 54.08	50.99 N	179.16 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
08	19 16 53.73	52.17 N	179.51 W	155.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	22 32 58.46	51.93 N	178.04 E	105.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	23 37 3.74	51.71 N	179.98 E	25.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	0 35 41.37	51.77 N	178.28 E	108.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	3 21 19.99	51.99 N	178.35 E	137.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	3 25 7.69	51.78 N	178.78 W	1.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
09	5 43 6.91	52.20 N	179.45 E	167.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	5 57 6.11	51.77 N	178.68 E	91.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	6 20 25.35	49.97 N	177.70 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
09	6 40 40.71	51.41 N	179.65 E	74.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	9 15 55.03	51.35 N	178.87 E	50.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	11 3 9.51	51.06 N	178.86 E	27.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	12 13 16.48	50.87 N	178.19 E	28.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	12 12 1.70	5.88 S	154.31 E	63.0 T	6.0		SOLOMON ISLANDS
09	13 47 6.18	52.14 N	179.71 E	185.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	14 45 29.26	51.43 N	179.49 E	40.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	15 36 15.32	52.26 N	177.07 E	150.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
09	16 21 1.58	51.80 N	178.06 E	136.4 F			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-128

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
09	16 34 28.02	51.64 N	178.90 E	21.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	16 58 54.81	50.99 N	179.64 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
09	20 1 38.20	5.79 S	152.19 E	24.0 T	5.9	6.2	NEW BRITAIN REGION
09	20 49 28.77	51.04 N	179.64 W	30.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
09	20 49 52.85	52.29 N	177.94 E	83.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	21 15 24.69	51.19 N	178.65 E	34.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
9	21 33 56.20	61.29 N	151.13 W	75.0 T			SOUTHERN ALASKA
09	23 47 26.52	52.07 N	177.21 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
10	0 38 8.94	51.85 N	179.88 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
10	2 31 22.93	51.40 N	179.34 E	63.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	4 29 27.52	51.11 N	179.40 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	4 23 56.00	5.70 S	152.09 E	33.0 T	5.9	5.4	NEW BRITAIN REGION
10	7 27 3.53	51.23 N	178.65 E	30.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	8 9 6.60	6.18 S	151.57 E	14.0 T	5.0		NEW BRITAIN REGION
10	9 1 19.15	51.58 N	178.79 E	26.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	9 37 50.60	51.16 N	178.63 E	64.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	14 2 21.13	51.56 N	178.80 E	18.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	14 5 9.98	51.74 N	178.09 E	79.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	15 29 54.04	51.57 N	179.62 W	75.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	16 20 35.94	50.92 N	179.79 E	32.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	22 56 1.53	50.90 N	178.69 E	31.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	23 8 56.90	61.79 N	149.84 W	51.0 T	3.2		SOUTHERN ALASKA
10	23 14 16.80	51.05 N	178.61 W	31.0 T	4.1		DELAROF ISLANDS, ALEUTIAN ISLANDS
11	0 55 .11	50.96 N	178.67 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
11	2 38 51.26	51.10 N	178.24 W	75.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
11	4 5 19.77	51.59 N	179.77 W	81.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	4 29 53.25	50.95 N	179.82 E	2.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	4 46 44.34	50.92 N	179.25 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
11	4 53 19.70	1.18 N	126.12 E	56.0 T	5.6		MOLUCCA PASSAGE
11	5 21 47.32	51.09 N	178.70 E	27.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	6 44 28.92	51.42 N	179.30 E	60.2 F			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-129

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
11	11 18 47.42	51.12 N	178.76 E	33.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	12 44 48.61	51.19 N	178.79 E	28.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	13 14 15.80	32.13 N	137.79 E	387.0 T	5.4		SOUTH OF HONSHU, JAPAN
11	13 40 19.98	51.15 N	178.58 E	28.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	15 29 21.35	51.53 N	177.23 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
11	16 4 30.83	51.34 N	178.75 E	39.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	17 56 49.70	51.39 N	179.43 E	16.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	20 27 32.50	52.06 N	176.16 W	173.0 T			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
11	21 34 13.93	51.16 N	178.90 E	40.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	23 42 59.32	50.33 N	177.47 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	1 35 14.11	51.65 N	179.67 E	86.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	1 49 7.30	51.78 N	179.95 E	102.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	3 15 28.72	52.01 N	178.39 E	130.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	3 29 12.72	51.73 N	179.83 W	22.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	6 30 44.29	51.88 N	179.25 E	184.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	6 49 33.61	51.46 N	179.18 E	36.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	8 17 33.45	51.43 N	176.47 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	8 27 7.08	52.70 N	178.78 W	200.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	8 55 3.90	51.93 N	179.20 W	111.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	10 14 59.36	51.19 N	178.51 E	22.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	10 37 24.71	51.76 N	178.08 E	132.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	13 20 31.13	51.50 N	178.57 E	66.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	14 20 43.00	19.67 N	105.98 W	33.0 T	5.6	5.5	OFF COAST OF JALISCO, MEXICO
12	14 57 39.13	52.03 N	179.44 E	172.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	16 25 40.10	51.09 N	178.87 E	30.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	17 20 59.87	51.35 N	179.68 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	18 44 51.33	51.33 N	179.92 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	19 28 37.27	51.38 N	178.37 E	44.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	19 38 51.50	51.19 N	179.87 W	37.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	19 58 9.58	51.79 N	179.81 W	95.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	23 4 34.57	51.96 N	178.51 E	106.7 F			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-130

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
13	2 37 22.15	51.68 N	179.50 W	194.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	5 13 10.61	51.34 N	179.16 E	41.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	6 24 40.65	51.67 N	178.34 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	9 48 30.21	51.42 N	178.82 E	43.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	10 6 28.91	51.42 N	178.90 E	42.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	11 49 38.18	51.95 N	178.28 E	116.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	12 37 4.27	51.41 N	178.79 E	44.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	12 51 9.00	51.80 N	176.54 W	59.0 T	4.1		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
13	14 11 13.81	51.58 N	178.82 E	20.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	16 58 46.36	51.20 N	179.29 E	32.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	16 48 46.50	6.10 S	154.09 E	21.0 T	6.0	6.2	SOLOMON ISLANDS
13	17 11 44.43	50.86 N	179.17 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	17 32 11.82	51.34 N	179.48 E	73.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	18 14 53.02	51.66 N	177.96 E	69.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	19 10 13.27	51.64 N	179.34 W	69.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	22 35 51.80	51.53 N	176.44 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
13	23 16 43.40	51.52 N	179.55 W	71.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	0 15 17.80	14.85 S	167.22 E	120.0 T	5.5		NEW HEBRIDES ISLANDS
14	4 44 28.43	52.57 N	179.67 W	100.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	6 50 25.71	51.32 N	179.50 W	0.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	6 56 32.06	51.78 N	176.03 E	100.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
14	7 35 0.00	51.61 N	178.54 E	73.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	9 2 52.60	15.19 S	178.42 W	33.0 T	5.6	6.6	FIJI ISLANDS REGION
14	9 44 22.93	52.54 N	179.68 W	100.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	10 51 1.11	51.19 N	178.69 E	30.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	11 45 42.52	51.50 N	179.84 W	68.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	16 40 30.31	51.33 N	179.78 E	18.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	17 35 6.75	51.48 N	178.72 E	11.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	22 42 18.30	63.57 N	150.72 W	159.0 T			CENTRAL ALASKA
15	14 4 19.87	51.64 N	178.53 E	85.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	17 59 4.01	50.48 N	178.10 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
16	0 53 38.38	51.50 N	179.96 W	67.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	1 22 47.39	51.63 N	179.56 W	77.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	1 24 20.29	51.18 N	179.71 E	21.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	1 36 37.70	58.57 N	155.16 W	127.0 T	4.1		ALASKA PENINSULA
16	2 14 4.28	51.41 N	179.29 E	51.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	4 58 .30	28.90 N	103.72 E	33.0 T	5.6		SZECHWAN PROVINCE, CHINA
16	6 57 6.39	51.41 N	179.34 E	40.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	8 1 19.55	51.75 N	178.47 E	136.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	9 10 55.78	52.03 N	179.75 E	38.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	9 37 .34	51.53 N	179.93 W	72.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	10 10 10.77	51.54 N	179.62 E	83.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	10 58 22.22	51.86 N	179.78 E	104.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	11 19 37.59	51.17 N	177.99 E	17.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	12 21 30.79	52.11 N	179.41 E	176.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	14 42 9.02	51.31 N	179.18 E	46.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	15 31 53.18	51.22 N	178.62 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
16	16 10 13.64	51.06 N	179.28 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	18 6 57.37	51.41 N	179.83 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	19 32 7.04	51.76 N	179.72 W	92.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	22 35 29.64	51.92 N	178.72 E	99.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	22 41 11.69	51.46 N	178.64 E	34.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	22 45 3.36	51.23 N	178.60 E	28.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	22 56 46.74	51.22 N	178.64 E	27.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	23 14 45.49	51.15 N	178.83 E	27.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	0 2 27.81	51.09 N	179.71 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
17	0 27 .58	50.82 N	178.55 E	30.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	0 57 43.58	51.23 N	178.67 E	25.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	3 39 2.47	51.45 N	178.96 E	48.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	5 7 51.46	51.87 N	178.88 E	108.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	9 32 18.30	51.67 N	178.73 E	87.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	13 15 17.08	50.80 N	178.53 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-132

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
17	14 47 59.36	51.53 N	178.96 E	72.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	18 39 55.25	51.85 N	179.65 W	102.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	19 29 47.18	50.85 N	177.47 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
17	21 31 53.19	51.43 N	178.79 E	45.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	23 46 41.40	15.52 S	173.45 W	70.0 T	5.5		TONGA ISLANDS
18	1 1 12.99	51.24 N	178.55 E	33.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	1 6 43.39	52.34 N	178.11 E	130.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	2 8 59.56	50.30 N	178.55 E	25.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	7 27 11.66	52.04 N	177.74 E	121.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	8 21 59.60	51.41 N	179.45 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
18	13 50 53.28	51.69 N	178.94 E	194.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	14 0 0.00	37.06 N	115.04 W	0.0 T	5.4		SOUTHERN NEVADA
18	15 4 45.87	51.11 N	179.58 W	31.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
18	17 35 19.78	51.48 N	179.95 E	36.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	19 58 18.80	43.68 N	147.43 E	41.0 T	4.7		KURIL ISLANDS
18	21 24 3.57	51.42 N	179.21 E	53.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	5 39 11.95	51.35 N	179.67 E	54.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	13 43 31.34	52.08 N	178.29 E	144.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	18 41 52.08	51.81 N	178.88 E	92.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	22 15 37.70	49.29 N	155.45 E	33.0 T	6.0	6.1	KURIL ISLANDS
20	0 37 5.79	51.39 N	178.48 E	125.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
20	13 34 46.95	51.65 N	178.82 E	64.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	13 51 57.40	51.41 N	178.81 E	43.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	17 30 24.66	51.44 N	178.81 E	46.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	18 6 58.50	52.13 N	179.63 E	179.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	21 36 9.60	13.38 N	92.37 W	33.0 T	5.8	5.6	OFF COAST OF CHIAPAS, MEXICO
21	1 20 51.59	52.39 N	178.26 E	152.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	20 27 28.99	51.43 N	179.32 W	0.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
21	22 35 50.10	62.80 N	149.66 W	100.0 T			CENTRAL ALASKA
21	22 43 38.40	54.28 N	162.48 W	33.0 T	5.2		ALASKA PENINSULA
21	23 10 9.32	51.41 N	177.82 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-133

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
22	0 53 34.06	51.74 N	178.51 E	86.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	4 18 28.54	51.20 N	178.73 E	26.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	5 36 30.13	52.28 N	179.73 E	181.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	7 48 30.20	51.42 N	179.89 W	60.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
22	9 7 44.92	51.21 N	179.28 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	11 2 38.64	51.16 N	179.70 W	34.3 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
22	14 55 18.98	51.57 N	178.79 E	20.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	16 34 11.32	51.99 N	179.42 E	146.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	18 4 33.00	52.01 N	178.32 E	99.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	18 23 30.55	49.09 N	177.33 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	22 7 43.75	51.40 N	178.77 E	37.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	0 30 11.84	51.16 N	179.37 W	0.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	0 57 9.62	51.64 N	178.23 E	65.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	1 55 10.69	52.06 N	178.15 E	146.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	2 15 47.00	51.32 N	179.91 W	27.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	4 8 2.00	3.97 S	146.06 E	33.0 T	5.2	6.3	EAST NEW GUINEA REGION
23	4 40 32.39	51.31 N	179.89 W	25.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	5 28 47.15	51.76 N	179.68 W	92.3 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	6 34 11.68	51.64 N	177.83 E	70.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	12 32 39.89	50.20 N	177.37 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	14 42 40.33	51.28 N	179.88 W	33.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	15 40 44.90	20.82 S	178.51 W	616.0 T	4.8		FIJI ISLANDS REGION
23	16 56 56.42	51.40 N	179.86 E	66.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	17 28 22.55	51.57 N	178.80 E	21.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	18 10 17.85	51.41 N	179.62 E	18.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	19 36 47.16	51.54 N	179.81 W	75.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	21 52 5.78	50.25 N	177.60 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	21 55 17.70	45.62 N	150.96 E	34.0 T	5.7	5.6	KURIL ISLANDS
23	22 48 49.31	52.10 N	179.47 E	193.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	1 49 37.63	52.19 N	179.81 W	179.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
24	4 16 47.52	51.53 N	178.36 W	0.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-134

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
24	6 26 55.17	52.06 N	178.60 E	144.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	8 51 53.41	51.30 N	179.81 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
24	13 30 7.36	50.37 N	177.17 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
24	13 29 12.80	5.53 S	152.85 E	36.0 T	5.2	5.2	NEW BRITAIN REGION
24	15 11 33.28	52.00 N	178.09 E	131.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	15 37 16.70	24.15 S	177.17 W	180.0 T	5.1		SOUTH OF FIJI ISLANDS
24	17 46 42.80	51.88 N	179.26 W	23.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
24	18 26 17.65	51.96 N	179.11 E	126.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	19 6 28.20	59.69 N	152.81 W	114.0 T			SOUTHERN ALASKA
24	20 35 43.40	51.40 N	179.99 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
24	22 13 52.80	19.44 S	167.96 E	33.0 T	5.3		NEW HEBRIDES ISLANDS
24	22 34 51.30	59.86 N	152.58 W	76.0 T	5.1		SOUTHERN ALASKA
25	4 53 42.60	51.13 N	178.11 W	28.0 T			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
25	10 28 58.83	51.36 N	179.36 E	61.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	11 3 9.32	51.00 N	178.47 E	30.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	11 13 27.83	51.72 N	179.74 E	84.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	13 30 34.39	51.17 N	177.57 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
25	14 26 20.52	51.35 N	179.92 W	53.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	20 4 55.30	52.53 N	176.10 W	218.0 T	3.7		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
25	20 46 59.46	51.52 N	179.23 E	73.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	21 39 16.31	51.08 N	179.30 E	31.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	23 1 34.48	51.92 N	179.28 E	175.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
26	0 52 33.73	50.95 N	178.48 E	46.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	1 17 2.81	51.90 N	178.19 E	126.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	3 10 43.60	5.42 S	152.95 E	33.0 T	4.8		NEW BRITAIN REGION
26	5 32 28.36	51.04 N	179.40 W	32.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
26	6 28 7.80	51.00 N	179.24 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
26	7 0 49.29	51.02 N	179.41 E	47.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	7 15 20.77	50.98 N	179.19 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
26	8 43 9.25	51.60 N	177.48 E	63.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	10 41 17.58	51.54 N	178.78 E	18.7 F			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-135

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
26	13 9 3.92	51.40 N	178.75 E	46.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	13 10 32.76	51.27 N	179.69 W	33.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
26	13 46 17.78	51.32 N	179.74 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
26	14 29 37.33	51.46 N	178.80 E	40.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	17 39 38.37	51.21 N	179.77 E	23.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	18 7 50.67	51.57 N	178.79 E	20.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	18 14 9.59	51.67 N	179.66 E	100.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
26	19 26 2.35	51.05 N	179.52 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
26	19 56 31.48	51.99 N	178.25 E	137.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	21 22 11.83	51.28 N	179.39 E	33.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	23 39 45.76	50.12 N	179.87 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	0 29 33.23	52.53 N	178.83 E	92.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	0 50 11.68	51.10 N	179.13 E	31.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	1 32 27.46	51.45 N	178.84 E	41.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	4 17 52.19	51.23 N	178.81 E	29.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	4 40 48.41	50.36 N	178.64 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
27	4 45 1.91	51.56 N	178.82 E	73.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	5 36 3.16	50.06 N	177.59 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
27	6 47 57.10	50.11 N	178.83 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
27	9 21 57.50	11.84 N	88.88 W	33.0 T	5.0	3.8	OFF COAST OF CENTRAL AMERICA
27	9 51 3.33	51.74 N	179.17 E	87.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	10 43 58.28	51.45 N	178.80 E	32.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	11 5 6.50	51.41 N	178.95 E	51.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	11 48 1.10	51.33 N	178.91 E	43.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	12 31 7.17	52.11 N	178.06 E	149.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	12 56 1.00	51.18 N	178.57 E	28.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	13 6 13.48	51.49 N	179.48 E	16.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	14 5 13.60	51.45 N	177.78 W	49.0 T	5.0		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
27	14 32 13.30	51.97 N	179.24 E	221.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	14 38 48.21	51.48 N	178.57 E	35.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	15 39 24.90	51.24 N	178.68 E	30.3 F			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-136

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
27	16 3 31.89	52.07 N	178.39 E	134.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	16 46 49.39	52.05 N	177.93 E	132.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	17 26 12.36	51.18 N	179.46 E	24.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	18 4 31.12	51.76 N	179.92 W	99.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	20 52 22.46	50.57 N	177.31 W	0.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
27	21 28 26.83	51.43 N	178.79 E	46.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	21 48 2.54	51.72 N	179.44 W	84.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	22 17 4.74	51.33 N	179.73 W	47.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	22 44 5.48	52.13 N	179.49 E	186.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	23 8 43.10	50.74 N	173.56 W	33.0 T			ANDREANOF ISLANDS, ALEUTIAN IS.
28	0 11 52.83	51.39 N	179.38 E	26.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	1 16 48.48	52.15 N	179.46 E	195.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	3 3 28.71	51.41 N	178.77 E	45.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	3 6 24.80	51.99 N	178.27 E	113.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	3 20 31.97	51.37 N	179.48 E	30.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	3 27 5.47	51.30 N	177.56 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
28	5 47 51.23	51.56 N	179.16 E	19.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	6 21 41.99	51.28 N	179.41 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	7 31 41.45	51.28 N	179.64 E	48.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	9 4 42.75	51.90 N	178.79 E	90.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	11 32 30.24	51.18 N	179.35 E	42.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	13 9 2.10	51.46 N	179.43 E	18.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	13 55 31.48	51.53 N	179.88 W	20.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	16 58 58.70	51.23 N	179.34 E	34.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	19 19 48.55	52.20 N	176.27 E	100.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
28	23 40 31.54	51.76 N	179.26 E	93.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	3 35 15.10	6.32 N	127.38 E	58.0 T	5.4		PHILIPPINE ISLANDS REGION
29	4 46 36.07	51.55 N	178.78 E	19.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	8 26 52.50	11.40 N	86.40 W	33.0 T	4.9		NEAR COAST OF NICARAGUA
29	9 29 35.90	9.01 N	126.25 E	70.0 T	5.2		MINDANAO, PHILIPPINE ISLANDS
29	13 21 25.16	51.16 N	178.64 E	26.9 F			RAT ISLANDS, ALEUTIAN ISLANDS

AUG HYPOCENTER SUMMARY

PAGE 71-08-137

AUG 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
29	13 21 54.72	51.22 N	178.77 E	37.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	13 30 33.69	51.55 N	178.80 E	19.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	1 47 44.83	51.12 N	179.72 E	32.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	14 15 31.03	51.83 N	178.50 E	92.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	15 50 55.37	51.39 N	178.71 E	46.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	16 59 59.10	51.56 N	178.79 E	23.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	17 17 15.60	17.32 N	145.64 E	170.0 T	5.1		MARIANA ISLANDS
31	4 15 59.19	50.19 N	177.41 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
31	12 3 41.80	51.59 N	179.83 E	75.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	13 12 44.00	51.42 N	179.20 E	72.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	14 49 34.55	51.75 N	179.98 W	26.7 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
31	16 53 15.66	50.92 N	178.46 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
31	17 45 .51	50.38 N	177.91 E	17.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	22 45 11.26	51.81 N	179.27 E	116.2 F			RAT ISLANDS, ALEUTIAN ISLANDS

* F = FREE DEPTH SOLUTION
D = FIXED DEPTH SOLUTION
T = TELESEISMIC SOLUTION

SEISMICITY FIGURES

ALEUTIAN EARTHQUAKES WHICH WERE LOCATED DURING THE MONTH BY THE ALEUTIAN SEISMIC NETWORK AND BY THE WORLD NETWORK OF SEISMOLOGICAL STATIONS REPORTING TO THE ENVIRONMENTAL RESEARCH LABORATORIES (ERL) ARE PLOTTED ON SIX FIGURES COVERING THE ALEUTIAN ISLANDS FROM THE NEAR ISLANDS TO UNIMAK ISLAND (170 DEGREES EAST LONGITUDE TO 160 DEGREES WEST LONGITUDE). THE TRANSVERSE MERCATOR PROJECTION, IN WHICH AREAL DISTORTION IS SMALL AND BEARINGS REMAIN TRUE, WAS EMPLOYED.

EPICENTERS WERE PLOTTED AUTOMATICALLY BY A FLAT-BED INCREMENTAL PLOTTER TO PRODUCE PLATES WHICH WERE USED TO PRODUCE THE FIGURES. EACH PLOTTED SYMBOL, CENTERED UPON THE EPICENTRAL COORDINATES, REPRESENTS ONE EARTHQUAKE. THE TYPE OF SYMBOL DENOTES THE DEPTH-OF-FOCUS CLASS OF THE SEISMIC EVENT. THE BODY-WAVE MAGNITUDE (MB) IS INDICATED BY THE SYMBOL SIZE, WHICH VARIES CONTINUOUSLY ACCORDING TO THE RELATIONSHIP

$$\text{SYMBOL SIZE (INCHES)} = .07 + (\text{MB} - 2.5) * .10$$

EVENTS WHOSE MAGNITUDES ARE UNDETERMINED OR LESS THAN 2.5 ARE PLOTTED AS .07 INCH SYMBOLS. A LEGEND BLOCK DEPICTING THE FIVE DEPTH-OF-FOCUS CLASSES AND A RANGE OF MAGNITUDES IS PROVIDED ON THE FIRST FIGURE.

55.0 ⁺	-175.0	-174.0 ⁺	-173.0 ⁺	-172.0 ⁺	-171.0 ⁺	-170.0 ⁺ 55.0
54.5 ⁺						54.5 ⁺
54.0 ⁺						54.0 ⁺
53.5 ⁺						53.5 ⁺
53.0 ⁺						53.0 ⁺
52.5 ⁺						52.5 ⁺
52.0 ⁺						52.0 ⁺
51.5 ⁺						51.5 ⁺
51.0 ⁺						51.0 ⁺
50.5 ⁺						50.5 ⁺
50.0 ⁺	-175.0	-174.0 ⁺	-173.0 ⁺	-172.0 ⁺	-171.0 ⁺	50.0 ⁺ -170.0

55.0 ⁺	-170.0	-169.0 ⁺	-168.0 ⁺	-167.0 ⁺	-166.0 ⁺	-165.0 ⁺ 55.0
54.5 ⁺						54.5 ⁺
54.0 ⁺						54.0 ⁺
53.5 ⁺						53.5 ⁺
53.0 ⁺						53.0 ⁺
52.5 ⁺						52.5 ⁺
52.0 ⁺						52.0 ⁺
51.5 ⁺						51.5 ⁺
51.0 ⁺						51.0 ⁺
50.5 ⁺						50.5 ⁺
50.0 ⁺	-170.0	-169.0 ⁺	-168.0 ⁺	-167.0 ⁺	-166.0 ⁺	50.0 ⁺ -165.0

55.0 ⁺	-165.0	-164.0 ⁺	-163.0 ⁺	-162.0 ⁺	-161.0 ⁺	-160.0 ⁺ 55.0
54.5 ⁺						54.5 ⁺
54.0 ⁺						54.0 ⁺
53.5 ⁺						53.5 ⁺
53.0 ⁺						53.0 ⁺
52.5 ⁺						52.5 ⁺
52.0 ⁺						52.0 ⁺
51.5 ⁺						51.5 ⁺
51.0 ⁺						51.0 ⁺
50.5 ⁺						50.5 ⁺
50.0 ⁺	-165.0	-164.0 ⁺	-163.0 ⁺	-162.0 ⁺	-161.0 ⁺	50.0 ⁺ -160.0