ALEUTIAN SEISMIC PROGRAM
SEISMOLOGICAL BULLETIN
MARCH 1970

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY
ROCKVILLE, MARYLAND 20852

MARCH 1971

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BY JH Kohn / EST / amh
DATE 8/6/71

PREPARED FOR THE U.S. ATOMIC ENERGY COMMISSION
NEVADA OPERATIONS OFFICE
UNDER CONTRACT AT(29-2)-746

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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 DIVISION, 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

$$M_{6.6} = -6.4 + \log_{10}(AMP/PER) + 3.70 \cdot \log_{10}(DIST)$$
 FOR LOCATED EVENTS OF DEPTH 50 KM OR LESS AND DISTANCE
 GREATER THAN 10 KM AND LESS THAN 180 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)
ADK	ADAK OBSERVATORY		51 53 01.4 N	176 34 49.4 W	103
AG1	ANCHITKA GEOPHONE 1	02/10/69-04/10/69	51 24 58.2 N	179 10 49.8 E	
AG3	ANCHITKA GEOPHONE 3	02/10/69-04/10/69	51 25 25.8 N	179 11 24.8 E	
AMA	AMATIGNAK ISLAND	09/10/70-	51 17 17.5 N	179 06 33.5 W	503
AME	ANCHITKA EXPERIMENTAL	01/04/69-26/05/69	51 23 12.0 N	179 15 18.0 E	
ANA	ANCHITKA NORTH A	25/03/69-25/09/69	51 37 39.8 N	178 39 22.7 E	177
		25/09/69-05/11/69	51 37 34.9 N	178 39 41.8 E	133
		05/11/69-16/07/70	51 37 39.8 N	178 39 22.7 E	177
		16/07/70-	51 37 34.9 N	178 39 41.8 E	133
ANE	ANCHITKA NORTH B	09/12/69-18/07/70	51 36 12.0 N	178 47 21.0 E	247
AND	ANCHITKA NORTH D	18/07/70-	51 33 44.4 N	178 57 12.4 E	187
ASB	ANCHITKA SOUTH B	25/05/69-	51 21 37.8 N	179 14 50.3 E	34
ASC	ANCHITKA SOUTH C	29/07/69-25/09/69	51 27 44.9 N	179 09 53.9 E	40
		25/09/69-13/07/70	51 27 41.9 N	179 07 29.9 E	36
		13/07/70-	51 27 44.9 N	179 09 53.9 E	40
ASD	ANCHITKA SOUTH D	29/05/69-06/06/69	51 22 36.0 N	179 20 30.0 E	
		06/06/69-	51 23 26.9 N	179 20 31.6 E	61
AWA	ANCHITKA WOOD-ANDERSON		51 22 28.5 N	179 15 09.6 E	
GSA	CAPE SARICHEF	22/11/70-	54 35 40.0 N	164 52 30.0 W	152
GMA	GRANITE MOUNTAIN	13/09/70-	65 25 43.0 N	161 13 55.0 W	856
LSI	LITTLE SITKIN ISLAND	16/09/69-19/09/69	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
SHY	SHEMYA	17/11/70-	52 43 51.0 N	174 06 11.0 E	58
SSI	SEMISOPCHNOI ISLAND	13/09/69-04/11/69	51 54 52.2 N	179 37 26.4 E	335
		17/10/70-	51 53 32.8 N	179 35 17.9 E	177

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	1	32	39.90	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
01	ASD	IP	01 33 5.4	29.1	.3	3.76	162	155	-.3	
		IL	01 33 23.3							
01	ASB	IP	01 33 5.4	25.3	.3	3.71	163	153	-.5	
		IL	01 33 23.7							
01	ANA	IP	01 33 11.1				210	146	-.9	
01	1	57	38.10	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
01	ASD	IP	01 58 3.6	37.2	.3	3.87	162	155	-.3	
		IL	01 58 21.8							
01	ASB	IP	01 58 3.7	43.3	.3	3.95	163	153	-.4	
		IL	01 58 21.8							
01	ANA	E(P)	01 58 9.0				210	146	-1.2	
01	2	18	34.40	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
01	ANA	I(P)	02 13 59.9				210	146	-6.6	
01	ASB	I(P)	02 19 .1	16.1	.3	3.52	163	153	-.3	
01	ASD	IP	02 19 .3	19.6	.3	3.57	162	155	.1	
		IL	02 19 19.4							
01	2	29	19.70	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
01	ASD	IP	02 29 45.2	27.6	.3	3.74	162	155	-.3	
		IL	02 30 3.4							
01	ASB	I(P)	02 29 45.3	43.8	.3	3.95	163	153	-.4	
01	ANB	E(P)	02 29 51.0				203	148	.1	
01	5	17	45.60	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
01	ASD	IP	05 18 11.1	53.5	.3	4.03	162	155	-.3	
		I(S)	05 18 27.2						-3.0	
01	ASB	IP	05 18 11.1	35.3	.3	3.87	163	153	-.5	
		IL	05 18 29.4							
01	ASC	I(P)	05 18 12.8				176	153	-.7	
01	ANA	IP	05 18 16.6				210	146	-1.1	
01	7	10	4.40	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
01	ASD	IP	07 10 29.9	14.1	.3	3.45	162	155	-.3	
		IL	07 10 46.8							
01	ASB	IP	07 10 29.9	12.7	.3	3.42	163	153	-.5	
		IL	07 10 46.9							
01	ASC	I(P)	07 10 31.7				176	153	-.6	
01	ANA	I(P)	07 10 35.5				210	146	-1.0	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	7 31	5.60	50.05 N 179.71 W	DEPTH = 20.0 KM		MB = 4.0	SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
01	ASD	IP	07 31 31.1	202.9	.3	4.61	162	155	-.3	
		I(S)	07 31 46.9						-3.3	
01	ASB	IP	07 31 31.1				163	153	-.5	
01	ASC	IP	07 31 32.8				176	153	-.7	
01	ANA	I(P)	07 31 35.9				210	146	-1.8	
01	ADK	EP	07 31 48.9				300	228	.1	
		ES	07 32 19.9						-.4	
.....										
01	ADK	EP	07 51 3.7							
		ES	07 51 12.1							
.....										
01	7 59	33.00	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
01	ASB	IP	07 59 58.5	21.9	.3	3.65	163	153	-.5	
		IL	08 00 14.1							
01	ASD	IP	07 59 58.8	17.1	.3	3.53	162	155	-.0	
		IL	08 00 16.0							
01	ASC	I(P)	09 00 .5				176	153	-.4	
01	ANA	IP	08 00 4.8				210	146	-.3	
.....										
01	8 22	23.80	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
01	ASD	IP	08 22 49.3	16.2	.3	3.51	162	155	-.3	
		I(S)	09 23 5.9						-2.6	
01	ASB	IP	08 22 50.4	17.3	.3	3.55	163	153	.6	
		IL	08 23 7.9							
01	ASC	I(P)	08 22 51.7				176	153	-.0	
01	ANA	IP	08 22 55.2				210	146	-.7	
.....										
01	8 31	19.70	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
01	ASB	IP	08 31 45.2	17.8	.3	3.56	163	153	-.5	
		IL	08 32 .5							
01	ASD	IP	08 31 45.5	11.9	.2	3.55	162	155	-.0	
		I(S)	08 31 57.0						-7.3	
01	ASC	I(P)	08 31 46.9				176	153	-.7	
01	ANA	I(P)	08 31 51.2				210	146	-.6	
.....										
01	9 15	56.90	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
01	ASB	IP	09 16 22.4	21.9	.3	3.65	163	153	-.5	
		IS	09 16 34.6						-7.2	
01	ASD	IP	09 16 22.5	25.1	.3	3.70	162	155	-.2	
		I(S)	09 16 36.2						-5.3	
01	ASC	I(P)	09 16 24.2				176	153	-.6	
01	ANA	I(P)	09 16 27.6				210	146	-1.4	
.....										

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	9 16 56.10		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	I(P)	09 17 21.6	15.0	.3	3.49	163	153	-.5	
		I(S)	09 17 34.9						-6.1	
01	ASD	I(P)	09 17 22.4	9.7	.2	3.46	162	155	.5	
		I(S)	09 17 34.4						-6.3	
01	ASC	I(P)	09 17 23.4				176	153	-.6	
01	ANA	I(P)	09 17 27.2				210	146	-1.0	
.....										
01	9 45 15.00		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	IP	09 45 40.5	43.9	.3	3.95	163	153	-.5	
		IS	09 45 53.7						-6.2	
01	ASD	IP	09 45 40.6	41.3	.3	3.92	162	155	-.2	
		I(S)	09 45 56.8						-2.3	
01	ASC	I(P)	09 45 42.3				176	153	-.6	
01	ANA	I(P)	09 45 46.3				210	146	-.8	
.....										
01	9 46 27.00		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASD	I(P)	09 46 52.5	8.7	.2	3.41	162	155	-.3	
01	ASB	IP	09 46 52.6	15.0	.3	3.49	163	153	-.4	
		I(S)	09 47 4.7						-7.2	
01	ASC	I(P)	09 46 54.3				176	153	-.6	
.....										
01	9 52 37.20		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	IP	09 53 2.7	26.6	.3	3.74	163	153	-.5	
		I(S)	09 53 15.2						-6.9	
01	ASD	IP	09 53 3.1	21.0	.3	3.62	162	155	.1	
		I(S)	09 53 16.4						-5.4	
01	ASC	I(P)	09 53 4.5				176	153	-.6	
01	ANA	I(P)	09 53 8.5				210	146	-.8	
.....										
01	12 49 14.80		50.05 N 179.71 W	DEPTH = 20.0 KM MB = 4.0			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	IP	12 49 40.3	105.1	.3	4.33	163	153	-.5	
		I(S)	12 49 52.7						-7.0	
01	ASD	IP	12 49 40.4	69.7	.3	4.14	162	155	-.2	
		IS	12 49 54.5						-4.3	
01	ASC	IP	12 49 41.9				176	153	-.8	
		IS	12 49 56.2						-6.9	
01	ANA	I(P)	12 49 46.1				210	146	-.3	
01	ADK	EP	12 49 53.1				300	228	.1	
		ES	12 50 27.9						-1.6	
.....										
01	12 54 18.10		50.05 N 179.71 W	DEPTH = 20.0 KM MB = 4.1			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASD	IP	12 54 43.6	51.8	.2	4.19	162	155	-.3	
		I(S)	12 54 53.5						-4.2	
01	ASB	IP	12 54 43.9	179.0	.3	4.56	163	153	-.2	P SPIKE
		IS	12 54 57.9						-5.2	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	ASC	IP	12 54 45.8				176	153	-2	
		IS	12 54 59.3						-7.1	
01	ANA	IP	12 54 49.7				210	146	-5	
		IS	12 55 5.6						-8.0	
01	ADK	EP	12 55 1.7				300	229	.4	
		ES	12 55 31.8						-1.0	
.....										
01	15 13 41.30	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS						SOLUTION BY INSPECTI		
01	ASB	IP	15 19 6.8	21.9	.3	3.65	163	153	-5	
		I(S)	15 19 21.7						-4.5	
01	ASD	IP	15 19 6.9	16.2	.3	3.51	162	155	-2	
		IS	15 19 20.9						-5.1	
01	ASC	I(P)	15 19 8.4				176	153	-8	
		IL	15 19 29.0							
.....										
01	16 7 19.70	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS						SOLUTION BY INSPECTI		
01	ASD	I(P)	16 07 45.2	17.3	.3	3.55	162	155	-3	
01	ASB	I(P)	16 07 45.6	26.6	.3	3.74	163	153	-1	
		IL	16 08 3.7							
01	ASC	I(P)	16 07 47.6				176	153	-0	
.....										
01	16 31 5.40	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS						SOLUTION BY INSPECTI		
01	ASD	IP	16 31 30.9	53.5	.3	4.03	162	155	-3	
01	ASB	IP	16 31 31.0	68.1	.3	4.14	163	153	-4	
		IL	16 31 49.2							
01	ASC	IP	16 31 32.7				176	153	-6	
.....										
01	17 8 28.60	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS						SOLUTION BY INSPECTI		
01	ASB	IP	17 08 54.1	35.8	.3	3.87	163	153	-5	
01	ASD	IP	17 08 54.3	17.8	.3	3.55	162	155	-1	
		I(S)	17 09 6.7						-6.5	
01	ASC	IP	17 09 55.9				176	153	-6	
		I(S)	17 09 9.4						-7.5	
.....										
01	17 21 52.70	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS						SOLUTION BY INSPECTI		
01	ASB	IP	17 22 18.2	11.5	.3	3.37	163	153	-5	
		I(S)	17 22 30.0						-7.6	
01	ASD	IP	17 22 18.3	14.6	.3	3.46	162	155	-2	
		IS	17 22 31.0						-6.3	
01	ASC	I(P)	17 22 19.8				176	153	-8	
.....										
01	18 33 58.30	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS						SOLUTION BY INSPECTI		
01	ASD	IP	18 34 23.9	22.1	.3	3.64	162	155	-3	
		I(S)	18 34 35.2						-7.7	
01	ASB	IP	18 34 23.9	39.9	.3	3.91	163	153	-5	

MAR 1970	STA	PHASE	TIME (GNT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	18 52	45.60	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	I(P)	18 53 11.1	8.1	.3	3.22	163	153	-.5	
01	ASD	IP	18 53 11.2	10.2	.3	3.31	162	155	-.2	
		IS	18 53 23.8						-6.4	
01	ASD	IP	19 00 47.8	12.2	.3					
		IL	19 01 4.7							
01	ASC	IP	19 00 48.0							
		IL	19 01 4.6							
01	ASB	IP	19 00 48.2	10.4	.3					
		IL	19 01 5.7							
01	19 34	18.70	50.05 N 179.71 W	DEPTH = 20.0 KM	MB = 4.0					SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASD	IP	19 34 44.2	55.3	.3	4.04	162	155	-.3	
01	ASB	IP	19 34 44.2				163	153	-.5	
		IL	19 35 .7							
01	ASC	IP	19 34 45.9				176	153	-.7	
		I(S)	19 35 1.8						-5.2	
01	ANA	IP	19 34 49.9				210	146	-.9	
01	ADK	EP	19 35 1.6				300	228	-.3	
		ES	19 35 33.9						.4	
01	ASB	I(P)	20 07 3.2							
		IL	20 07 32.2							
01	ASD	I(P)	20 07 3.2	6.4	.3					
		IL	20 07 33.2							
01	20 42	46.70	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	IP	20 43 12.2				163	153	-.5	
		IL	20 43 29.7							
01	ASD	IP	20 43 12.4	17.1	.3	3.53	162	155	-.1	
		IL	20 43 28.4							
01	ASC	IP	20 43 13.9				176	153	-.7	
		IL	20 43 32.6							
01	20 49	34.80	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	IP	20 50 .3				163	153	-.5	
		I(S)	20 50 13.7						-6.0	
01	ASD	IP	20 50 .4	9.9	.3	3.29	162	155	-.2	
		IS	20 50 13.6						-5.8	
01	ASC	I(P)	20 50 2.3				176	153	-.4	
01	21 13	20.10	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	IP	21 13 45.6				163	153	-.5	
		IL	21 14 4.4							
01	ASD	IP	21 13 45.7	9.3	.3	3.29	162	155	-.2	
		IL	21 14 4.7							
01	ASC	I(P)	21 13 47.5				176	153	-.5	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	21 19	52.70	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	IP	21 20 13.2	11.0	.3	3.35	163	153	-.5	
		I(S)	21 20 30.4						-7.2	
01	ASD	IP	21 20 19.6	4.9	.2	3.17	162	155	.1	
		I(S)	21 20 29.4						-7.9	
01	ASC	IP	21 20 20.3				176	153	-.3	
.....										
01	ASD	IP	21 35 49.9	30.1	.2					
		I(S)	21 35 58.2							
01	ASB	IP	21 35 51.3	29.6	.2					
		I(S)	21 35 59.2							
01	ASC	I(P)	21 35 51.3							
.....										
01	21 36	14.70	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	IP	21 36 40.2	24.5	.3	3.70	163	153	-.5	
		IS	21 36 52.4						-7.2	
01	ASD	IP	21 36 40.4	12.6	.3	3.40	162	155	-.1	
01	ASC	IP	21 36 41.9				176	153	-.7	
.....										
01	22 54	9.80	50.05 N 179.71 W	DEPTH = 20.0 KM	MB = 4.1					SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	IP	22 54 35.3				163	153	-.5	
		I(S)	22 54 47.7						-7.0	
01	ASD	IP	22 54 35.5	39.9	.3	3.90	162	155	-.1	
		IS	22 54 47.4						-7.0	
01	ASC	IP	22 54 37.4				176	153	-.3	
		IS	22 54 49.3						-8.8	
01	ANA	E(F)	22 54 40.7				210	146	-1.2	
01	ADK	EP	22 54 56.3				300	228	3.3	
		ES	22 55 26.7						2.2	
.....										
01	23 20	35.00	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASB	I(F)	23 21 .5				163	153	-.5	
		I(S)	23 21 11.9						-8.0	
01	ASD	IP	23 21 .7	15.4	.3	3.49	162	155	-.1	
		I(S)	23 21 12.7						-6.9	
01	ASC	IP	23 21 2.2				176	153	-.7	
.....										
01	ANA	IP	23 32 29.2							
		I(S)	23 32 47.2							
01	ASC	IP	23 32 34.1							
		IS	23 32 48.7							
01	ASD	IP	23 32 35.0	13.1	.3					
		I(S)	23 32 47.8							
01	ASB	IP	23 32 35.0							
.....										
01	23 41	29.50	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
01	ASD	IP	23 41 55.0	33.7	.3	3.83	162	155	-.3	
		IL	23 42 13.7							
01	ASB	IP	23 41 55.0				163	153	-.5	
		IL	23 42 14.1							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	ASC	IP	23 41 56.8				176	153	-6	
02	ADK	EP	00 01 11.9							
		ES	00 01 32.0							
02	ASD	IP	00 01 41.6	27.6	.3					
		IL	00 02 24.7							
02	ASB	I(P)	00 01 42.2							
02	ASC	IP	00 01 43.0							
02	0 30	8.00	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
	DELAROF ISLANDS, ALEUTIAN ISLANDS									
02	ASD	I(P)	00 30 33.5	22.0	.3	3.64	162	155	-3	
		I(S)	00 30 48.8						-3.8	
02	ASC	I(P)	00 30 35.3				176	153	-6	
02	ASD	EP	00 40 23.8	7.7	.3					
		EL	00 41 38.5							
02	ASB	E(P)	00 40 21.7							
		EL	00 41 25.7							
02	ADK	EP	00 54 45.0							
		ES	00 55 9.8							
02	ADK	EP	00 58 5.5							
		ES	00 58 35.4							
02	2 0 34.00		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
	DELAROF ISLANDS, ALEUTIAN ISLANDS									
02	ASD	IP	02 00 59.5	43.7	.3	3.99	162	155	-3	
		I(S)	02 01 15.4						-3.2	
02	ASB	I(P)	02 00 59.6				163	153	-4	
02	ASC	IP	02 01 1.2				176	153	-7	
02	2 7 5.40		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
	DELAROF ISLANDS, ALEUTIAN ISLANDS									
02	ASB	IP	02 07 30.9				163	153	-5	
02	ASD	IP	02 07 31.0	26.7	.3	3.73	162	155	-2	
		I(S)	02 07 44.7						-5.3	
02	ASC	IP	02 07 32.7				176	153	-6	
02	2 15 7.90		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
	DELAROF ISLANDS, ALEUTIAN ISLANDS									
02	ASB	I(P)	02 15 33.4				163	153	-5	
02	ASD	IP	02 15 33.5	21.1	.3	3.62	162	155	-2	
		IS	02 16 46.2						-6.3	
02	ASC	IP	02 15 35.0				176	153	-8	
		I(S)	02 16 50.3						-5.9	
02	3 3 38.60		49.98 N 179.74 W	DEPTH = 20.0 KM MB = 4.1			TELESEISMIC SOLUTION			
	DELAROF ISLANDS, ALEUTIAN ISLANDS									
02	ASB	IP	03 04 5.0				170	155	-5	
02	ASD	IP G	03 04 5.1	123.6	.3	4.45	168	157	-3	
		I(S)	03 04 22.3						-2.6	
02	ASC	IP	03 04 6.7				182	154	-6	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	ANA	I(S)	03 04 21.0						-7.2	
02	ADK	EP	03 04 10.0				215	148	-1.4	
02	ADK	EP	03 04 22.0				307	228	-6	
02	ADK	ES	03 04 52.8						-1.9	
.....										
02	3 12 20.20	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	03 12 45.7				163	153	-5	
02	ASB	I(S)	03 12 57.7						-7.4	
02	ASD	IP	03 12 45.9	7.3	.3	3.16	162	155	-1	
02	ASD	IS	03 12 58.4						-6.4	
02	ASC	IP	03 12 47.5				176	153	-6	
.....										
02	ADK	IP C	04 22 12.7							
02	ADK	IS	04 22 15.3							
.....										
02	4 42 40.70	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	04 43 6.2				163	153	-5	
02	ASD	IP	04 43 6.4	24.4	.3	3.69	162	155	-1	
02	ASD	I(S)	04 43 22.7						-6.3	
02	ASC	IP	04 43 7.9				176	153	-7	
.....										
02	4 49 27.10	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	04 49 52.6				163	153	-5	
02	ASD	IP	04 49 52.8	24.4	.3	3.69	162	155	-1	
02	ASD	I(S)	04 50 5.4						-6.3	
02	ASC	IP	04 49 54.3				176	153	-7	
.....										
02	4 52 13.40	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP	04 52 38.9	24.8	.3	3.69	162	155	-3	
02	ASD	IS	04 52 51.0						-7.0	
02	ASB	IP	04 52 38.9				163	153	-5	
02	ASB	I(S)	04 52 52.2						-6.1	
02	ASC	IP	04 52 40.4				176	153	-9	
.....										
02	4 57 39.10	52.73 N 167.42 W DEPTH = 10.0 KM MB = 4.4						TELESEISMIC SOLUTION		
FOX ISLANDS, ALEUTIAN ISLANDS										
02	ADK	EP	04 59 5.7				632	79		
02	ADK	ES	05 00 13.1							
.....										
02	5 27 31.60	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	05 27 57.1				163	153	-5	
02	ASD	IP	05 27 57.3	25.8	.3	3.71	162	155	-1	
02	ASD	IL	05 28 13.8							
02	ASC	IP	05 27 59.0				176	153	-5	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	5 40	31.40	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	05 40 56.9				163	153	-5	
		I(S)	05 41 9.9						-6.5	
02	ASD	IP	05 40 57.3	17.9	.3	3.55	162	155	.1	
		IS	05 41 3.7						-7.3	
02	ASC	IP	05 40 58.9				176	153	-4	
02	5 40	55.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	05 41 20.7				163	153	-5	
02	ASD	IP	05 41 20.9	194.3	.3	4.59	162	155	-1	
		IL	05 41 39.0							
02	ASC	IP	05 41 22.4				176	153	-7	
02	ANA	E(P)	05 41 24.9				210	146	-2.4	
		I(S)	05 41 37.8						-12.9	
02	ADK	EP	05 41 41.4				300	228	3.0	
		ES	05 42 12.9						3.0	
02	6 9	29.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP	06 09 54.8	26.0	.3	3.71	162	155	-3	
		I(S)	06 10 6.7						-7.2	
02	ASB	IP	06 09 55.0				163	153	-3	
02	ASC	IP	06 09 56.6				176	153	-6	
02	6 22	45.40	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	06 23 10.9				163	153	-5	
		I(S)	06 23 25.3						-5.0	
02	ASD	IP	06 23 11.3	16.8	.3	3.52	162	155	.1	
		IS	06 23 24.5						-5.5	
02	ASC	IP	06 23 12.9				176	153	-4	
		I(S)	06 23 26.2						-7.5	
02	6 54	21.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	06 54 46.3				163	153	-5	
		IL	06 55 5.0							
02	ASD	IP	06 54 46.9	12.6	.3	3.40	162	155	-2	
		IL	06 55 4.6							
02	ASC	I(P)	06 54 48.5				176	153	-7	
02	7 10	21.60	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	07 10 47.1				163	153	-5	
		I(S)	07 11 1.7						-4.3	
02	ASD	IP	07 10 47.2	12.2	.3	3.38	162	155	-2	
		I(S)	07 11 2.2						-4.0	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	8 5	8.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	08 05 33.7				163	153	-5	
02	ASD	IP	08 05 33.9	13.0	.3	3.41	162	155	-1	
		IS	08 05 47.9						-5.0	
02	ASC	I(P)	08 05 35.4				176	153	-7	
02	8 7	21.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP	08 07 46.7	6.9	.3	3.14	162	155	-3	
		I(S)	08 09 .7						-5.1	
02	ASC	I(P)	08 07 48.3				176	153	-8	
02	8 15	25.50	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP	08 15 51.0	50.0	.3	4.00	162	155	-3	
		IS	08 16 2.6						-7.5	
02	ASB	IP	08 15 51.2				163	153	-3	
		IS	08 16 2.7						-7.7	
02	ASC	IP	08 15 52.9				176	153	-5	
		IS	08 16 4.9						-8.9	
02	10 18	1.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	10 18 26.7				163	153	-5	
02	ASD	IP	10 18 26.9	14.6	.3	3.46	162	155	-1	
		I(S)	10 18 43.4						-2.4	
02	10 28	29.40	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP	10 28 54.9	17.1	.3	3.53	162	155	-3	
		IL	10 29 12.9							
02	ASB	I(P)	10 28 54.9				163	153	-5	
02	ASC	I(P)	10 28 56.4				176	153	-9	
02	10 47	31.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	10 47 56.7				163	153	-5	
		IS	10 48 9.0						-7.1	
02	ASD	IP	10 47 56.8	37.8	.3	3.88	162	155	-2	
		IS	10 48 9.9						-6.9	
02	ASC	IP	10 47 58.2				176	153	-9	
02	10 50	52.50	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	10 51 18.0				163	153	-5	
		I(S)	10 51 33.4						-4.0	
02	ASD	IP	10 51 18.3	15.0	.3	3.47	162	155	-0	
		I(S)	10 51 23.9						-8.2	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	ASC	I(P)	10 51 19.7				176	153	-.7	
02	11 10 16.10		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
02	ASD	IP	11 10 41.6	13.9	.3	3.44	162	155	-.3	
		IS	11 10 52.8						-7.9	
02	ASB	IP	11 10 41.6				163	153	-.5	
		IS	11 10 53.3						-7.7	
02	ASC	IP	11 10 43.2				176	153	-.8	
		IS	11 10 55.1						-9.3	
02	ADK	EP	11 30 18.8							
		ES	11 30 34.5							
02	11 33 53.20		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
02	ASD	IP D	11 34 18.7	77.1	.3	4.19	162	155	-.3	
		IS	11 34 31.2						-6.6	
02	ASB	IP	11 34 18.7				163	153	-.5	
		I(S)	11 34 29.7						-8.4	
02	ASC	IP	11 34 20.3				176	153	-.8	
		IS	11 34 33.3						-8.2	
02	ANA	EP	11 34 23.1				210	146	-2.2	
02	ADK	EP	11 50 28.8							
		ES	11 51 .4							
02	13 2 57.20		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
02	ASB	IP	13 03 22.7				163	153	-.5	
02	ASD	IP	13 03 22.9	27.6	.3	3.74	162	155	-.1	
		I(S)	13 03 35.7						-6.1	
02	ASC	I(P)	13 03 24.9				176	153	-.2	
02	13 11 19.20		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
02	ASD	IP	13 11 44.7	7.7	.3	3.19	162	155	-.3	
		IL	13 12 2.3							
02	ASC	I(P)	13 11 46.2				176	153	-.9	
02	13 13 40.70		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
02	ASD	IP	13 14 6.2	100.7	.3	4.30	162	155	-.3	
		I(S)	13 14 17.7						-7.6	
02	ASB	IP	13 14 6.2				163	153	-.5	
		I(S)	13 14 19.8						-5.8	
02	ASC	IP	13 14 7.9				176	153	-.7	
		I(S)	13 14 20.2						-8.8	
02	ANA	EP	13 14 11.0				210	146	-1.8	
02	ADK	EP	13 14 24.0				300	228	.1	
		ES	13 14 34.5						-.9	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
02	13 29	20.40	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP	13 29 45.9	17.2	.2	3.71	162	155	-.3	
02	ASB	IP	13 29 45.9	54.3	.3	4.05	163	153	-.5	
		IL	13 30 2.2							
02	ASC	IP	13 29 47.7				176	153	-.6	
.....										
.....										
02	13 53	12.70	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP	13 53 38.2	68.2	.3	4.13	162	155	-.3	
		IS	13 53 50.7						-6.6	
02	ASB	IP	13 53 38.2				163	153	-.5	
		I(S)	13 53 52.4						-5.2	
02	ASC	IP	13 53 40.0				176	153	-.6	
		IS	13 53 52.3						-8.2	
02	ANA	E(P)	13 53 42.3				210	146	-1.9	
.....										
.....										
02	14 57	47.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP	14 58 12.7	7.7	.3	3.19	162	155	-.3	
		IS	14 58 25.2						-6.6	
02	ASC	E(P)	14 58 14.5				176	153	-.6	
.....										
.....										
02	14 58	34.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP	14 58 59.7	25.8	.2	3.89	162	155	-.3	
		IL	14 59 17.9							
02	ASB	IP	14 58 59.7	101.6	.3	4.32	163	153	-.5	
		I(S)	14 59 15.7						-3.4	
.....										
.....										
02	16 25	55.70	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP	16 26 21.2	15.4	.3	3.49	162	155	-.3	
		I(S)	16 26 32.9						-7.4	
02	ASC	I(P)	16 26 22.9				176	153	-.7	
.....										
02	ADK	IP D	17 47 42.7							
		IS	17 47 49.9							
.....										
.....										
02	13 31	29.40	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
02	ASB	IP	18 31 54.9				163	153	-.5	
		IL	18 32 13.7							
02	ASD	IP	18 31 55.0	36.5	.3	3.86	162	155	-.2	
02	ASC	IP	19 31 56.7				176	153	-.6	
.....										
02	ASD	IP C	20 35 38.3	21.1	.2					
		ES	20 35 55.5							
02	ASB	IP	20 35 39.5	43.1	.2					
		IS	20 35 57.3							
02	ASC	EP	20 35 40.7							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	20 35 59.7							
02	22 15	25.40	50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
02	ASB	EP	22 15 50.9	7.7	.2	3.37	163	153	-.5	
		ES	22 16 10.0						-.3	
02	ASD	IP	22 15 51.2	4.3	.2	3.11	162	155	-.0	
		ES	22 16 10.0						.0	
02	ASC	EP	22 15 54.5				176	153	1.2	
		ES	22 16 10.5						-3.2	
02	ASB	EP	22 29 51.2	7.7	.2					
		ES	22 30 9.7							
02	ASD	IP C	22 29 52.5	10.2	.2					
		IS	22 30 6.3							
02	ASC	EP	22 29 54.8							
		ES	22 30 10.5							
02	ADK	EP	22 32 19.0							
		ES	22 33 2.1							
02	ADK	EP	23 11 48.5							
		ES	23 12 2.5							
03	0 53	47.40	50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
03	ASB	EP	00 54 12.9	7.2	.2	3.34	163	153	-.5	
		ES	00 54 31.7						-.6	
03	ASD	EP	00 54 13.0				162	155	-.2	
		ES	00 54 31.7						-.3	
03	ASC	EP	00 54 14.7				176	153	-.6	
		ES	00 54 34.7						-1.0	
03	0 57	22.20	50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
03	ASB	IP	00 57 47.7	71.0	.2	4.34	163	153	-.5	
		ES	00 58 3.7						-3.4	
03	ASD	IP	00 57 48.0	40.0	.2	4.08	162	155	-.0	
		ES	00 58 5.3						-1.5	
03	ASC	IP	00 57 49.5				176	153	-.6	
		ES	00 58 8.7						-1.8	
03	1 50	4.90	50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
03	ASD	EP	01 50 30.4	18.5	.2	3.74	162	155	-.3	
		ES	01 50 49.2						-.3	
03	ASB	IP	01 50 30.6	37.0	.2	4.06	163	153	-.3	
		IS	01 50 49.2						-.6	
03	1 52	24.40	50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
03	ASD	EP	01 52 49.9	20.7	.2	3.79	162	155	-.3	
		ES	01 53 9.0						.0	
03	ASB	EP	01 52 50.2	34.0	.2	4.02	163	153	-.2	
		ES	01 53 9.7						.4	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
03	2 14		41.40	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
03	ASB	IP	02 15 6.9	26.2	.2	3.91	163	153	-.5	
		ES	02 15 25.4						-.9	
03	ASD	IP	02 15 7.1	11.9	.2	3.55	162	155	-.1	
		ES	02 15 25.2						-.8	
03	4 40		26.80	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
03	ASB	IP	04 40 52.3	7.7	.2	3.37	163	153	-.5	
		IS	04 41 12.9						1.2	
03	ASD	EP	04 40 52.5	6.4	.2	3.28	162	155	-.1	
		IS	04 41 11.7						.3	
03	6 24		8.90	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
03	ASD	EP	06 24 34.4	8.7	.2	3.41	162	155	-.3	
		IS	06 24 54.2						.7	
03	ASB	EP	06 24 35.4	4.6	.2	3.15	163	153	.5	
		E(S)	06 24 54.2						.4	
03	ASB	IP	06 44 59.9	49.3	.2					
		ES	06 45 6.2							
03	ASD	IP	06 45 .4	32.5	.2					
		ES	06 45 6.9							
03	ASB	IP D	06 45 37.2							WHITEOUT
		ES	06 45 40.2							
03	ASD	IP D	06 45 37.6							WHITEOUT
		E(S)	06 45 41.1							
03	ASC	EP	06 45 39.5							POOR
03	7 4		8.00	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
03	ASB	IP	07 04 33.5	12.9	.2	3.60	163	153	-.5	
		ES	07 04 52.0						-.9	
03	ASD	EP	07 04 33.7	16.7	.2	3.70	162	155	-.1	
		ES	07 04 52.2						-.4	
03	7 35		35.20	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
03	ASD	EP	07 36 .7	3.2	.2	2.98	162	155	-.3	
		ES	07 36 20.2						.4	
03	ASB	IP	07 36 .7	6.2	.2	3.29	163	153	-.5	
		ES	07 36 20.7						.6	
03	7 39		15.70	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
03	ASB	IPG	07 39 41.2	12.3	.2	3.58	163	153	-.5	
		IS	07 39 47.7						-12.9	
03	ASD	EPG	07 39 41.7	8.7	.2	3.41	162	155	.2	
		ES	07 39 48.7						-11.6	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
03	7 58	45.78	51.14 N 179.15 E	DEPTH = 50.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ASB	IPGD	07 53 54.4				25	196	-.0	WHITEOUT
03	ASD	IPGD	07 58 54.7	188.3	.2	2.00	29	208	-.0	
		ES	07 59 1.2						-.0	
03	ASC	EP	07 58 55.2				35	181	-.0	POOR
.....										
03	ASB	IPGD	08 17 54.7	12.3	.2					
		IS	08 19 .9							
03	ASD	IPG	08 17 55.4	11.2	.2					
		ES	08 13 1.7							
.....										
03	8 30	5.70	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
03	ASB	IP	08 30 31.2	10.8	.2	3.52	163	153	-.5	
		ES	08 30 49.3						-1.3	
03	ASD	EP	08 30 31.5	8.7	.2	3.41	162	155	-.0	
		ES	08 30 49.7						-.6	
.....										
03	9 1	37.71	50.96 N 179.19 E	DEPTH = 23.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ASB	IP D	09 01 46.1	184.8	.2	2.69	45	185	-.0	
03	ASD	IPGD	09 01 46.5	140.4	.2	2.67	43	193	-.0	
		IS	09 01 52.9						-.0	
03	ASC	EP	09 01 47.7				56	179	-.0	
.....										
03	ASB	EP	09 09 .7	38.5	.2					
		ES	09 09 7.2							
03	ASD	EP	09 09 1.2	19.3	.2					
		ES	09 09 7.7							
03	ASB	IPGD	09 23 43.5							
		ES	09 23 49.6							
03	ASD	IPGD	09 23 43.9	34.3	.2					
		ES	09 23 50.3							
03	ASB	IP D	09 25 40.9							
03	ASD	IPGD	09 25 41.2	68.5	.2					
		ES	09 25 47.7							
03	ASB	IPG	09 26 25.7	52.4	.2					
		IS	09 26 31.8							
03	ASD	IPG	09 26 25.9	36.7	.2					
		ES	09 26 32.4							
03	ASB	IPGD	09 36 26.9	20.0	.2					
		IS	09 36 33.1							
03	ASD	IPG	09 36 27.3	23.9	.2					
		ES	09 36 33.7							
03	ASB	IPG	09 39 43.5	55.4	.2					
		ES	09 39 49.2							
03	ASD	IPG	09 39 43.9	24.8	.2					
		ES	09 39 50.7							
03	ASB	IPGD	10 19 15.4	95.5	.2					
		IS	10 19 21.3							
03	ASD	IPG	10 19 15.7	55.2	.2					
		ES	10 19 22.1							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
03	ASB	IPGD	10 35 47.2	89.3	.2					
		IS	10 35 53.2							
03	ASD	IP D	10 35 47.5	49.6	.2					
		ES	10 35 54.2							
03	ASB	IPGD	10 38 25.4	69.3	.2					
		IS	10 38 31.3							
03	ASD	EPG	10 38 25.7	42.1	.2					
		ES	10 38 31.7							
03	ASB	IPG	10 44 30.7	83.3	.2					
03	ASD	IPG	10 44 31.4	55.2	.2					
03	11 16 57.10	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS							SOLUTION BY INSPECTI	
03	ASB	IP	11 17 22.6	32.3	.2	4.00	163	153	-.5	
		ES	11 17 40.4						-1.6	
03	ASD	IP	11 17 22.9	40.0	.2	4.08	162	155	-.0	
		ES	11 17 41.0						-.7	
03	11 49 42.20	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS							SOLUTION BY INSPECTI	
03	ASB	IP C	11 50 7.7	43.1	.2	4.12	163	153	-.5	
		IS	11 50 25.2						-1.9	
03	ASD	IP C	11 50 7.8	51.8	.2	4.19	162	155	-.2	
		IS	11 50 26.1						-.7	
03	13 16 41.30	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS							SOLUTION BY INSPECTI	
03	ASB	EP	13 17 6.8				163	153	-.5	
03	ASD	EP	13 17 6.9	21.6	.2	3.81	162	155	-.2	
		ES	13 17 23.3						-2.6	
03	ASB	EPG	14 19 44.2							
		E(S)	14 19 49.8							
03	ASD	IPG	14 19 44.7	30.2	.2					
		IS	14 19 51.3							
03	ASD	IPG	17 46 49.2	120.7	.2					
		ES	17 46 55.9							
03	ASB	EP	17 46 49.3							
03	ASD	IPG	19 44 43.3	92.7	.2					
		ES	19 44 52.6							
03	ASB	IPG	19 44 43.9	110.6	.2					
		ES	19 44 53.1							
03	23 27 31.90	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS							SOLUTION BY INSPECTI	
03	ASD	IP	23 27 57.4	21.6	.2	3.81	162	155	-.3	
		IS	23 28 15.1						-1.4	
03	ASB	IP	23 27 57.5	24.6	.2	3.99	163	153	-.4	
		IS	23 28 15.1						-1.7	
03	ASC	EP	23 27 53.9				176	153	-.9	
		ES	23 28 18.0						-2.2	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
04	1	9	55.50	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
04	ASD	EP	01 10 21.0	6.4	.2	3.29	162	155	-.3	
		ES	01 10 39.3						-.8	
04	ASB	EP	01 10 21.0				163	153	-.5	
		ES	01 10 39.7						-.7	
04	1	26	10.00	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
04	ASD	EP	01 26 35.5	6.4	.2	3.28	162	155	-.3	
		ES	01 26 54.3						-.3	
04	ASB	EP	01 26 36.5	9.2	.2	3.45	163	153	-.5	
		IS	01 26 53.9						-1.0	
04	2	15	58.20	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
04	ASD	IP	02 16 23.7	23.7	.2	3.95	162	155	-.3	
		ES	02 16 41.0						-1.8	
04	ASB	EP	02 16 23.9	12.3	.2	3.59	163	153	-.4	
		ES	02 16 41.1						-2.0	
04	ASB	IPG	02 46 9.0	55.3	.2					
		IS	02 46 14.1							
04	ASD	IP	02 46 8.3	69.0	.2					
		E(S)	02 46 14.5							
04	3	30	35.40	12.13 N	143.71 E	DEPTH = 33.0 KM	MB = 6.2	MS = 6.2	TELESEISMIC SOLUTION	
				SOUTH OF MARIANA ISL						
04	ADK	IP C	03 39 34.1				5664	234		
		ES	03 46 54.0							
04	ANA	EP	04 31 3.8							
		E(S)	04 31 27.0							
04	ASB	EP	04 31 5.8	27.7	.2					
		ES	04 31 28.9							
04	ASC	EP	04 31 6.1							
		ES	04 31 30.3							
04	ASD	EP	04 31 6.7	6.4	.2					
		ES	04 31 30.5							
04	5	14	59.40	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
04	ASB	IP	05 15 24.9	12.3	.2	3.58	163	153	-.5	
		ES	05 15 43.4						-.9	
04	ASD	IP	05 15 25.0	26.5	.2	3.90	162	155	-.2	
		IS	05 15 43.6						-.4	
04	ASC	IP	05 15 26.5				176	153	-.8	
		IS	05 15 45.5						-2.2	
04	ANA	EP	05 15 31.0				210	146	-.5	
		E(S)	05 15 52.5						-2.4	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
04	5 23 43.70		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
04	ASB	EP	05 24 15.2	15.4	.2	3.63	163	153	-5	
		ES	05 24 34.5						-1	
04	ASD	EP	05 24 15.3	9.7	.2	3.41	162	155	-2	
		ES	05 24 34.3						.0	
04	ASC	EP	05 24 16.7				176	153	-9	
		IS	06 24 37.6						-4	
04	6 36 14.40		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
04	ASD	IP	06 36 39.9	33.3	.2	4.06	162	155	-3	
		ES	06 36 57.4						-1.6	
04	ASB	IP	06 36 39.9	24.6	.2	3.99	163	153	-5	
		ES	06 36 57.5						-1.8	
04	ASC	IP	06 36 41.5				176	153	-8	
		ES	06 36 59.5						-3.2	
04	ANA	EP	06 36 45.5				210	146	-1.0	
		E(S)	06 37 7.1						-2.8	
04	6 31 56.20		19.76 S 179.64 W	DEPTH = 624.0 KM MB = 5.5			TELESEISMIC SOLUTION			
			FIJI ISLANDS REGION							
04	ASD	EP	06 42 12.6	21.6	.4		7878	178		
		E	06 42 13.5	60.3	.4					
04	ASB	EP	06 42 12.8	18.4	.4		7876	178		
		E	06 42 13.7	61.4	.4					
04	ASC	EP	06 42 12.8				7888	178		
		E	06 42 14.3							
04	ADK	IP D	06 42 14.9				7934	192		
04	6 47 25.14		51.26 N 178.71 E	DEPTH = 43.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
04	ASB	IPG	06 47 34.4	24.6	.2	1.58	39	253	-0	
		IS	06 47 41.2						.0	
04	ASC	EPG	06 47 34.4				39	234	.0	
04	ANA	EPG	06 47 34.7				41	175	.0	
		ES	06 47 41.5						-1	
04	ASD	IPG	06 47 35.1	8.7	.2	1.39	46	254	-1	
		IS	06 47 42.5						.0	
04	7 4 38.50		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
04	ASD	IP	07 05 4.0	44.2	.2	4.12	162	155	-3	
		ES	07 05 21.5						-1.6	
04	ASB	IP	07 05 4.0	27.7	.2	3.93	163	153	-5	
		ES	07 05 22.0						-1.4	
04	ASC	EP	07 05 5.7				176	153	-7	
		ES	07 05 24.5						-2.3	

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MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
04	9 12 56.43		50.99 N 179.16 E			DEPTH = 23.7 KM				FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
04	ASB	IPG	09 13 4.7	23.0	.2	1.66	42	189	.0	
		IS	09 13 10.7						.0	
04	ASD	IPG	09 13 5.1	35.6	.2	1.96	45	197	-.0	
		IS	09 13 11.3						-.1	
04	ASC	IPG	09 13 6.2				53	190	.1	
		IS	09 13 13.3						.1	
04	ANA	EP	09 13 9.9				79	154	-.1	
04	9 36 43.60		50.05 N 179.71 W			DEPTH = 20.0 KM				SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
04	ASD	IP	09 37 9.1	5.3	.2	3.20	162	155	-.3	
		ES	09 37 26.6						-1.6	
04	ASB	EP	09 37 9.8	4.6	.2	3.15	163	153	.2	
		ES	09 37 26.7						-1.8	
04	ASC	EP	09 37 10.7				176	153	-.9	
		E(S)	09 37 29.0						-2.9	
04	10 24 29.69		51.14 N 179.97 W			DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
04	ASD	IPGC	10 24 39.7	21.6	.2	2.06	55	118	.2	
		IS	10 24 46.8						.1	
04	ASB	IPG	10 24 40.4	12.3	.2	1.96	60	114	.1	
		ES	10 24 48.3						.4	
04	ASC	IPGC	10 24 42.1				70	120	.3	
		IS	10 24 51.3						.7	
04	10 55 26.30		50.05 N 179.71 W			DEPTH = 20.0 KM				SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
04	ASD	EPGC	10 55 51.8	5.3	.2	3.20	162	155	-.3	
		ES	10 56 10.0						-.9	
04	ASB	EPG	10 55 52.0	6.1	.2	3.27	163	153	-.3	
		E(S)	10 56 10.0						-1.2	
04	ASC	IPG	10 55 53.6				176	153	-.6	
		E(S)	10 56 13.3						-1.3	
04	ASD	IP	12 01 8.1	4.3	.2					
		ES	12 01 35.3							
04	ASB	EP	12 01 8.1	9.2	.2					
		E(S)	12 01 36.5							
04	ASC	EP	12 01 10.5							
		E(S)	12 01 39.0							
04	13 11 56.30		50.05 N 179.71 W			DEPTH = 20.0 KM				SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
04	ASB	EP	13 12 21.8				163	153	-.5	
		ES	13 12 40.9						-.3	
04	ASD	EP	13 12 21.9	2.1	.2	2.90	162	155	-.2	
		ES	13 12 40.5						-.4	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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04 14 1 55.50 50.05 N 179.71 W DEPTH = 20.0 KM SOLUTION BY INSPECTI
DELAROF ISLANDS, ALEUTIAN ISLANDS

04	ASB	EP	14 02 21.0	7.7	.2	3.37	163	153	-.5	
		IS	14 02 41.1						.7	
04	ASD	EP	14 02 21.1	12.9	.2	3.59	162	155	-.2	
		ES	14 02 41.1						1.0	
04	ASC	EP	14 02 22.0				176	153	-1.4	
		ES	14 02 43.2						-.6	
04	ANA	EP	14 02 27.0				210	146	-.6	
		E(S)	14 02 52.5						1.5	

04 14 52 18.30 50.05 N 179.71 W DEPTH = 20.0 KM SOLUTION BY INSPECTI
DELAROF ISLANDS, ALEUTIAN ISLANDS

04	ASD	IP	14 52 43.9	15.1	.2	3.65	162	155	-.3	
		ES	14 53 4.1						1.2	
04	ASB	IP	14 52 44.1	15.4	.2	3.63	163	153	-.2	
04	ASC	IP	14 52 45.6				176	153	-.6	
		ES	14 53 5.5						-1.1	
04	ANA	EP	14 52 49.5				210	146	-.9	
		E(S)	14 53 12.5						-1.3	

04	ASD	EP	15 44 23.5	9.7	.2					
04	ASB	EP	15 44 25.3	15.4	.2					
		E(S)	15 44 45.5							
04	ASC	EP	15 44 25.7							
		E(S)	15 44 45.5							
04	ANA	EP	15 44 31.0							

04	ASD	EP	18 10 1.1	4.9	.2					
04	ASB	EP	18 10 1.1							
04	ASC	EP	18 10 4.0							
04	ANA	EP	18 10 6.7							
		E(S)	18 10 57.7							

04 19 17 17.10 50.05 N 179.71 W DEPTH = 20.0 KM SOLUTION BY INSPECTI
DELAROF ISLANDS, ALEUTIAN ISLANDS

04	ASD	IP	18 17 42.6	15.1	.2	3.65	162	155	-.3	
		ES	19 19 5.5						-1.2	
04	ASB	EP	18 17 42.8	7.7	.2	3.37	163	153	-.3	
		IS	18 18 1.5						-.5	
04	ASC	IP C	18 17 44.2				176	153	-.8	
		IS	18 18 4.2						-1.2	

04 19 29 42.00 50.05 N 179.71 W DEPTH = 20.0 KM SOLUTION BY INSPECTI
DELAROF ISLANDS, ALEUTIAN ISLANDS

04	ASB	IP	19 30 7.5	10.8	.2	3.52	163	153	-.5	
		IS	19 30 25.8						-1.1	
04	ASD	IP	19 30 7.7	19.5	.2	3.76	162	155	-.1	
		IS	19 30 25.5						-1.1	
04	ASC	IP	19 30 9.2				176	153	-.7	
		IS	19 30 28.8						-1.5	

04	ASD	EPG	21 25 32.0	6.0	.2					
		ES	21 25 44.0							
04	ASC	EPG	21 25 33.1							
		ES	21 25 46.2							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
05	5 43		35.10	50.05 N 179.71 W DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
05	ASD	IP	05 44 .6	41.0	.2	4.09	162	155	-.3	
		IS	05 44 17.3						-2.4	
05	ASB	IP	05 44 .7	73.7	.2	4.36	163	153	-.4	
		IS	05 44 17.4						-2.6	
05	ASC	IP	05 44 2.2				176	153	-.8	
		IS	05 44 20.7						-2.7	
.....										
.....										
05	13 7		27.80	50.05 N 179.71 W DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
05	ASD	IP	13 07 53.3	3.2	.2	2.98	162	155	-.3	
		ES	13 08 12.0						-.4	
05	ASB	EP	13 07 53.5	3.1	.2	2.99	163	153	-.3	
		ES	13 08 12.5						-.2	
.....										
.....										
05	15 36		41.70	50.05 N 179.71 W DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
05	ASB	IP	15 37 7.2	12.3	.2	3.58	163	153	-.5	
		IS	15 37 25.9						-.8	
05	ASD	IP	15 37 7.3	19.5	.2	3.76	162	155	-.2	
		IS	15 37 25.3						-1.0	
.....										
05	ASB	IP	15 42 6.2	30.7	.2					
		ES	15 42 11.8							
05	ASD	IP	15 42 6.8	30.2	.2					
		ES	15 42 13.5							
05	ASD	IPG	16 13 36.4	58.2	.2					
		IS	16 13 46.5							
05	ASB	IPG	16 13 37.3	98.3	.2					
		IS	16 13 48.5							
05	ASD	IPGD	21 07 22.3	155.3	.2					
		IS	21 07 29.3							
05	ASB	IPGD	21 07 22.9							
		IS	21 07 29.7							
.....										
.....										
06	0 13		9.30	50.05 N 179.71 W DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
06	ASB	IP	00 13 34.8	23.1	.2	3.85	163	153	-.5	
		ES	00 13 54.3						.1	
06	ASD	IP	00 13 35.1	16.1	.2	3.68	162	155	-.0	
		IS	00 13 53.7						-.2	
.....										
06	ASD	IP	02 22 57.3	176.8	.2					
		ES	02 23 12.8							
06	ASB	IP	02 22 59.3							
		ES	02 23 13.0							
06	ADK	EP	02 23 10.9							
		ES	02 23 34.1							
06	ASD	EP	02 29 45.5	8.7	.2					
06	ASB	EP	02 28 46.6	6.2	.2					
		E(S)	02 29 .3							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
06	4 39	0.00	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
06	ASB	IP	04 39 25.5	12.3	.2	3.58	163	153	-.5	
		IS	04 39 43.8						-1.1	
06	ASD	EP	04 39 25.9	15.1	.2	3.65	162	155	-.0	
		ES	04 39 43.4						-1.2	
.....										
06	6 11	36.05	51.33 N 178.71 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	ANA	IP	06 11 45.2				33	174	-.1	
06	ASB	IP	06 11 45.6				38	265	-.1	WHITEOUT
06	ASC	IP	06 11 45.6				34	245	.2	
		IS	06 11 52.3						.1	
06	ASD	IPG	06 11 46.3	69.0	.2	2.23	44	263	.0	
		IS	06 11 53.5						-.3	
.....										
06	ADK	EP	07 25 30.8							
06	ADK	EP	09 51 16.0							
		ES	09 51 27.8							
06	ASD	IP	15 45 30.5	4.3	.2					
		ES	15 45 56.5							
06	ASB	EP	15 45 31.2							
.....										
06	17 0	8.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
06	ASD	IP	17 00 33.3	10.8	.2	3.51	162	155	-.3	
		ES	17 00 52.7						-.2	
06	ASB	EP	17 00 33.9	9.2	.2	3.45	163	153	-.5	
		ES	17 00 53.0						-.2	
.....										
06	17 49	39.40	51.92 N 175.99 E	DEPTH = 59.0 KM MB = 4.0			TELESEISMIC SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	ANA	EP	17 49 7.8				186	281	1.0	NOT ACCURATE
06	ASC	IP	17 49 11.5				224	294	.0	
06	ASB	EP	17 49 12.3				233	287	-.3	
06	ASD	EP	17 49 13.2	659.3	.2		239	236	-.1	
		E(S)	17 49 45.0						7.0	
06	ADK	EP	17 49 49.6				510	273	2.0	
		ES	17 50 49.3						-46.4	
.....										
06	17 57	20.90	50.05 N 179.71 W	DEPTH = 20.0 KM MB = 4.2			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
06	ASB	EP	17 57 46.3	83.1	.2	4.41	163	153	-.5	
		E(S)	17 58 6.0						.3	
06	ASD	IP C	17 57 46.5	120.0	.2	4.55	162	155	-.1	
		ES	17 58 5.5						.1	
06	ASC	IP	17 57 48.1				176	153	-.6	
06	ADK	EP	17 58 7.2				300	229	3.2	
		ES	17 58 40.5						5.0	
.....										

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
06	13 16	43.30	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTOR
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
06	ASB	IP C	18 17 8.8	41.6	.2	4.11	163	153	-.5	
		IS	13 17 27.0						-1.2	
06	ASD	IP C	18 17 8.9	43.1	.2	4.11	162	155	-.2	
		ES	13 17 27.5						-.4	
06	ASC	EP	18 17 11.5				176	153	.3	
06	ASD	IPGC	20 02 43.5	43.3	.2					
		IS	20 02 47.5							
06	ASB	IPGC	20 02 44.7	41.7	.2					
		IS	20 02 49.5							
06	ASC	EPG	20 02 45.7							
		ES	20 02 51.5							
06	22 6	27.00	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTOR
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
06	ASD	EP	22 06 52.5	4.3	.2	3.11	162	155	-.3	
		ES	22 07 10.3						-1.3	
06	ASB	EP	22 06 52.5	4.6	.2	3.15	163	153	-.5	
		ES	22 07 10.3						-1.6	
06	23 49	57.50	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTOR
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
06	ASB	IP	23 50 23.0	8.5	.2	3.42	163	153	-.5	
		ES	23 50 41.5						-.9	
06	ASD	IP	23 50 23.5	7.6	.2	3.35	162	155	.2	
		IS	23 50 42.8						.7	
07	ASD	EP	02 56 8.2	36.7	.2					
		IS	02 56 15.5							
07	ASB	EP	02 56 8.5							
		ES	02 56 13.3							
07	3 48	41.80	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTOR
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
07	ASD	EP	03 49 7.3	5.5	.2	3.21	162	155	-.3	
		ES	03 49 26.3						-.1	
07	ASB	EP	03 49 7.3	10.0	.2	3.49	163	153	-.5	
		ES	03 49 26.5						-.2	
07	ADK	EP	07 50 55.2							
		ES	07 51 11.2							
07	19 43	53.40	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTOR
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
07	ASD	IP	19 44 18.9	13.0	.2	3.59	162	155	-.3	
		IS	19 44 39.5						.5	
07	ASB	IP	19 44 19.0	24.6	.2	3.88	163	153	-.4	
		ES	19 44 33.0						-.3	
07	ASC	EP	19 44 20.7				176	153	-.6	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
07	19 50	.72	51.29 N 177.93 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ANA	EPG	19 50 12.2				63	234	-0.0	
		ES	19 50 20.5						-0.1	
07	ASC	IPG	19 50 16.7				83	253	.3	
		IS	19 50 28.4						.5	
07	ASB	IPG	19 50 17.0	30.7	.2	3.06	92	265	-0.1	
		ES	19 50 29.5						.4	
07	ASD	EPG	19 50 18.0	14.0	.2	2.83	99	265	-0.1	
		IS	19 50 30.0						-0.8	
07	21 43 42.50		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
07	ASD	IP C	21 44 8.0	54.0	.2	4.21	162	155	-0.3	
		ES	21 44 24.0						-3.1	
07	ASB	IP C	21 44 8.0	57.6	.2	4.25	163	153	-0.5	
		ES	21 44 26.0						-1.4	
07	ADK	EP	21 44 27.3				300	223	1.6	
		ES	21 44 58.9						1.7	
09	23 59 52.50		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
08	ASB	IP C	00 00 18.0	76.8	.2	4.37	163	153	-0.5	
		ES	00 00 36.0						-1.4	
08	ASD	IP	00 00 18.2	71.3	.2	4.33	162	155	-0.1	
		ES	00 00 36.0						-1.1	
08	ADK	EP	00 00 38.9				300	228	3.2	
		ES	00 01 11.0						3.9	
08	1 1 7.90		50.05 N 179.71 W	DEPTH = 20.0 KM MB = 4.1			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
08	ASD	IP	01 01 33.4	25.6	.2	3.38	162	155	-0.3	
		ES	01 01 52.0						-0.5	
08	ASB	IP	01 01 33.7	27.7	.2	3.93	163	153	-0.2	
		ES	01 01 52.7						-0.1	
08	ADK	EP	01 01 51.1				300	223	.0	
		ES	01 02 21.8						-0.8	
09	1 11 39.30		50.05 N 179.71 W	DEPTH = 20.0 KM MB = 4.2			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
08	ASB	EP	01 12 4.3	61.4	.2	4.28	163	153	-0.5	
		ES	01 12 23.0						-0.7	
08	ASD	IP	01 12 4.2	108.4	.3	4.33	162	155	-0.4	
		ES	01 12 23.0						-0.4	
09	ASC	IP	01 12 5.9				176	153	-0.8	
		ES	01 12 26.0						-1.1	
09	ANA	EP	01 12 9.5				210	146	-1.4	
		ES	01 12 31.5						-2.8	
08	ADK	EP	01 12 21.7				300	223	-0.3	
		ES	01 12 52.1						-1.4	

MAR 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
08	1 45	33.00	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
08	ASD	IP	01 45 58.5	18.9	.2	3.75	162	155	-.3	
		IS	01 46 17.4						-.2	
08	ASB	EP	01 45 58.9	27.7	.2	3.93	163	153	-.1	
		IS	01 46 17.4						-.5	
08	ASC	EP	01 46 .5				176	153	-.4	
		IS	01 46 20.5						-.3	
09	ADK	EP	10 02 17.0							
		ES	10 02 41.1							
09	11 47	22.10	51.34 N 179.99 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
08	ASD	EPG	11 47 29.6	21.6	.2	1.45	37	96	.1	
		ES	11 47 34.9						-.1	
08	ASB	EPG	11 47 30.6	18.4	.2	1.64	44	92	.2	
		ES	11 47 37.1						.7	
08	ASC	EPG	11 47 31.8				52	105	.3	
		ES	11 47 38.8						.5	
09	ASD	IPGD	12 11 14.4	176.4	.2					
08	ASB	IPG	12 11 15.0	159.4	.2					
		ES	12 11 21.2							
08	ASC	IPG	12 11 16.4							
08	ANA	EPG	12 11 22.7							
09	ADK	EP	12 11 39.4							
		E	12 12 7.2							
09	12 39	55.35	51.14 N 179.95 W	DEPTH = 20.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
08	ASD	IPGC	12 40 5.9	105.6	.2	2.79	56	118	.2	
08	ASB	IPG	12 40 6.5	110.6	.2	2.95	61	114	.1	
		IS	12 40 13.2						-1.0	
08	ASC	IPGC	12 40 8.1				72	120	.1	
		IS	12 40 16.0						-.9	
08	ADK	IP C	13 01 46.6							
		IS	13 02 6.2							
09	ASD	IP	13 02 20.8	31.2	.2					
		E	13 02 27.1							
09	ASB	IP	13 02 21.3	49.2	.2					
		E	13 02 27.3							
09	ASC	IP	13 02 22.0							
		E	13 02 27.5							
08	ANA	EP	13 02 27.3							
08	ADK	EP	18 16 28.0							
		ES	18 16 55.6							
08	18 21	42.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
09	ASB	EP	18 22 7.7	9.2	.2	3.45	163	153	-.5	
		E(S)	18 22 27.3						.2	
09	ASD	EP	18 22 7.9	11.9	.2	3.55	162	155	-.2	
		ES	18 22 27.4						.6	
08	ASC	EP	18 22 9.5				176	153	-.6	
08	ADK	EP	18 22 57.6				300	228	32.2	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	19	0 28.10	52.17 N 169.64 W	DEPTH = 11.0 KM MB = 4.6			TELESEISMIC SOLUTION			
FOX ISLANDS, ALEUTIAN ISLANDS										
08	ADK	IP D	19 01 35.7				478	83		
09	ASD	IPG	19 02 11.2	10.9	.2		765	79		
		IS	19 02 15.1							
08	ASB	EPG	19 02 11.9	13.4	.2		772	79		
		ES	19 02 16.0							
08	ASC	IPG	19 02 12.7				776	90		
09	ANB	IP	19 02 15.2				799	81		
08	ANA	EP	19 02 16.4				808	81		
08	22	28 42.50	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
08	ASD	IP	22 29 8.0	21.6	.2	3.81	162	155	-3	
		IS	22 29 26.4						-7	
08	ANB	IP	22 29 8.8				203	143	-4.9	
		IS	22 29 23.3						-8.1	
08	ANA	IP	22 29 9.0				210	146	-5.6	
		IS	22 29 29.1						-8.9	
08	ASD	IPG	23 37 4.8	25.9	.2					
		IS	23 37 18.2							
09	ASC	EPG	23 37 7.8							
		IS	23 37 22.4							
09	ANB	EPG	23 37 12.3							
		ES	23 37 29.8							
09	ANA	EPG	23 37 13.7							
09	6	22 11.63	51.37 N 179.11 E	DEPTH = 25.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
09	ASB	IPGD	06 22 16.2	285.1	.2		9	274	.0	
09	ASD	IPG	06 22 16.4	212.5	.2	1.07	16	266	-2	
		E(S)	06 22 20.2						-1	
09	ASC	EPG	06 22 16.7				11	196	.4	
09	ANB	IPG	06 22 18.7				35	139	-0	
		IS	06 22 23.7						-2	
09	ANA	IPG	06 22 19.9				43	132	.0	
09	6	59 14.96	51.55 N 173.62 E	DEPTH = 73.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
09	ANB	IPG	06 59 25.6				13	245	-2	
		IS	06 59 33.3						.1	
09	ANA	EPG	06 59 25.7				9	197	.0	
09	ASC	EPG	06 59 27.2				39	296	.2	
09	ASB	EPG	06 59 27.7	10.8	.2		48	297	.0	
09	ASD	EPG	06 59 28.0	41.0	.2		54	292	-1	
		ES	06 59 37.5						-2	
9	15	7 4.60	54.03 N 163.71 W	DEPTH = 53.0 KM MB = 4.0			TELESEISMIC SOLUTION			
UNIMAK ISLAND REGION										

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	16	1	10.50	19.01 S	168.60 E	DEPTH = 41.0 KM	MB = 6.1	MS = 6.5	TELESEISMIC SOLUTION	
NEW HEBRIDES ISLANDS										
09	ADK	EP	16 12 35.2				7980	195		
		ES	16 21 50.0							
10	4	58	26.20	44.80 N	148.87 E	DEPTH = 40.0 KM	MB = 6.0	MS = 5.4	TELESEISMIC SOLUTION	
KURIL ISLANDS										
10	ANA	EP	05 03 9.7				2323	263		TELESEISMIC
		I	05 03 9.7							
10	ANB	EP	05 03 9.4				2332	263		TELESEISMIC
10	ASB	EP	05 03 11.7				2360	264		TELESEISMIC
10	ASD	EP	05 03 12.4				2367	264		TELESEISMIC
10	ASC	EP	05 03 12.4				2355	264		TELESEISMIC
10	ADK	IP C	05 03 36.6				2653	266		
		ES	05 07 50.0							
10	6	11	56.40	12.60 N	122.13 E	DEPTH = 30.0 KM	MB = 5.7		TELESEISMIC SOLUTION	
LUZON, P.I.										
10	ADK	EP	06 22 17.7				5957	255		
10	7	49	39.94	51.33 N	179.76 E	DEPTH = 53.0 KM			FIXED DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS										
10	ANB	IPG	07 48 49.1				30	184		-.1
		ES	07 49 56.0							-.0
10	ASB	IPG	07 48 49.6	20.0	.2		34	265		.1
		IS	07 48 56.4							-.1
10	ANA	IPGC	07 48 49.6				34	168		.1
		IS	07 48 56.8							.3
10	ASD	IPGC	07 49 50.2	8.5	.2		41	263		.1
		IS	07 48 57.7							.2
10	8	48	59.41	51.45 N	177.69 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS										
10	ANA	IPGC	08 49 12.5				70	254		.0
		ES	09 49 22.4							.4
10	ANB	IPGC	08 49 12.7				78	258		-.7
		IS	03 49 22.6							-1.1
10	ASC	EPG	08 49 16.8				102	270		.5
		ES	09 49 29.4							.8
10	ASB	IPG	08 49 17.0	50.0	.2	3.53	109	276		-.1
		IS	08 49 29.2							-.9
10	ASD	IPG	08 49 17.3	17.2	.2	3.16	115	275		-.6
		IS	08 49 30.6							-.8
10	10	21	56.00	50.05 N	179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
10	ASB	IP C	10 22 21.5	30.3	.2	3.98	163	153		-.5
		ES	10 22 40.6							-.3
10	ASD	IP	10 22 22.0	34.4	.2	4.01	162	155		.2
		ES	10 22 40.4							-.2
10	ANB	EP	10 22 26.4				203	143		-.8
		IS	10 22 47.9							-2.0

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
10	ANA	EP	10 22 27.7				210	146	-0.4	
		ES	10 22 49.7						-1.8	
10	ADK	EP	10 22 42.0				300	229	2.3	
		ES	10 23 13.0						2.3	
.....										
10	10 57 56.90	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
10	ASB	IP C	10 58 22.4	80.8	.3	4.22	163	153	-0.5	
		IS	10 58 40.8						-1.0	
10	ASD	IP C	10 58 22.6	91.6	.2	4.44	162	155	-0.1	
		ES	10 58 41.4						-0.1	
10	ANB	IP	10 58 27.1				203	149	-1.0	
		IS	10 58 48.6						-2.2	
10	ANA	IP	10 58 23.2				210	146	-0.3	
		IS	10 58 50.1						-2.3	
.....										
10	13 19 13.34	50.92 N 177.72 E DEPTH = 25.0 KM						FIXED DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
10	ANA	IP	13 19 30.4				103	220	.2	
		ES	13 19 42.3						-0.3	
10	ASC	IPG	13 19 32.6				117	240	.1	
10	ASB	IP	13 19 32.8	24.6	.2	3.35	118	246	.3	
		ES	13 19 46.7						.2	
10	ASD	EP	13 19 32.9	36.7	.2	3.62	124	246	-0.6	
.....										
10	14 41 18.80	50.05 N 179.71 W DEPTH = 20.0 KM MB = 3.9						SOLUTION BY INSPECTI		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
10	ASB	IP	14 41 44.3	61.6	.2	4.28	163	153	-0.5	
		ES	14 42 2.6						-1.1	
10	ASD	IP	14 41 44.5	75.5	.2	4.35	162	155	-0.1	
		ES	14 42 3.2						-0.2	
10	ANB	EP	14 41 48.9				203	149	-1.1	
		ES	14 42 10.1						-2.6	
10	ANA	IP	14 41 50.0				210	146	-0.9	
		ES	14 42 10.8						-3.5	
10	ADK	EP	14 42 4.5				300	228	2.5	
		ES	14 42 34.2						.7	
.....										
10	ADK	EP	16 46 18.1							
		ES	16 46 44.0							
.....										
10	16 56 10.90	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
10	ASD	EP	16 56 36.3	4.3	.2	3.11	162	155	-0.3	
		ES	16 56 54.7						-0.7	
10	ASB	EP	16 56 36.3				163	153	-0.5	
		IS	16 56 54.3						-1.4	
.....										
10	19 26 18.20	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
10	ASD	IP C	19 26 43.7	25.9	.2	3.89	162	155	-0.3	
		ES	19 27 1.4						-1.4	
10	ASB	IP C	19 26 43.7	41.6	.2	4.11	163	153	-0.5	
		IS	19 27 1.7						-1.4	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
10	ANB	EP	19 26 48.4				203	148	-1.0	
		ES	19 27 9.6						-2.5	
10	ANA	EP	19 26 49.7				210	146	-0.6	
		ES	19 27 11.9						-1.8	
.....										
10	22 3 16.50		50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
10	ASB	EP	22 03 42.0				163	153	-0.5	
		ES	22 04 .1						-1.3	
10	ASD	EP	22 03 42.3	17.2	.2	3.71	162	155	-0.0	
		ES	22 04 .9						-0.3	
10	ADK	EP	22 04 3.0				300	228	3.3	
		ES	22 04 33.4						2.2	
.....										
10	22 25 4.60		50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
10	ASB	IP	22 25 30.1				163	153	-0.5	
		ES	22 25 47.3						-2.2	
10	ASD	IP	22 25 30.3	24.9	.2	3.97	162	155	-0.1	
		ES	22 25 48.8						-0.4	
10	ADK	EP	22 25 51.0				300	228	3.2	
		ES	22 26 22.8						3.5	
.....										
10	ASD	IP	23 16 41.9	17.2	.2					
		IS	23 16 52.1							
10	ASB	IP	23 16 42.9	23.9	.2					
		ES	23 16 53.9							
.....										
11	0 30 34.10		50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
11	ASD	IP	00 30 59.6	40.0	.2	4.08	162	155	-0.3	
		IS	00 31 13.1						-0.6	
11	ASB	IP	00 30 59.7				163	153	-0.4	
		ES	00 31 17.9						-1.2	
11	ANA	EP	00 31 5.6				210	146	-0.6	
		IS	00 31 27.7						-1.9	
.....										
11	1 10 51.60		50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
11	ASD	EP	01 11 17.1	5.5	.2	3.21	162	155	-0.3	
		ES	01 11 31.6						-4.6	
11	ASB	EP	01 11 17.9				163	153	.3	
		ES	01 11 31.6						-4.9	
.....										
11	5 4 16.10		50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
11	ASB	EP	05 04 41.6	5.8	.2	3.25	163	153	-0.5	
		E(S)	05 04 58.9						-2.1	
11	ASD	EP	05 04 41.8	9.7	.2	3.41	162	155	-0.1	
		E(S)	05 04 59.6						-1.1	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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11	6 27	9.80	50.05 N 179.71 W	DEPTH = 20.0 KM MB = 4.0		SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
11	ASB	IP C	06 27 35.3	57.1	.2	4.24	163	153	-0.5	
		ES	06 27 53.6						-1.1	
11	ASD	IP	06 27 35.4	54.0	.2	4.21	162	155	-0.2	
		ES	06 27 53.6						-0.8	
11	ANA	EP	06 27 40.6				210	146	-1.3	
		ES	06 28 2.4						-2.9	
11	ADK	EP	06 27 54.1				300	229	1.1	
		ES	06 28 25.9						1.4	

11	6 57	54.20	50.05 N 179.71 W	DEPTH = 20.0 KM		SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
11	ASD	IP	06 58 19.7	77.8	.2	4.37	162	155	-0.3	T PHASE
		ES	06 59 37.9						-1.0	
11	ASB	IP	06 58 19.8	74.9	.2	4.36	163	153	-0.4	
		ES	06 58 38.1						-1.0	
11	ASC	E(P)	06 58 23.1				176	153	1.0	
		E(S)	06 58 45.5						3.0	
11	ANA	EP	06 59 26.4				210	146	.1	
		E(S)	06 58 48.6						-1.1	

11	7 3	17.90	50.05 N 179.71 W	DEPTH = 20.0 KM		SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
11	ASD	IP C	07 03 43.3	89.7	.2	4.43	162	155	-0.3	T PHASE
		ES	07 04 1.4						-1.0	
11	ASB	IP C	07 03 43.3	70.2	.2	4.33	163	153	-0.5	
		ES	07 04 1.4						-1.3	
11	ANA	EP	07 03 48.6				210	146	-1.3	
		E(S)	07 04 11.4						-1.9	

11	10 22	43.80	50.10 N 179.62 W	DEPTH = 20.0 KM MB = 4.3		TELESEISMIC SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
11	ASB	EP	10 23 9.1				161	150	-0.4	
		ES	10 23 26.3						-1.8	
11	ASD	EP	10 23 9.1	46.5	.2	4.12	160	152	-0.1	
		ES	10 23 27.3						-0.4	
11	ASC	EP	10 23 10.6				174	150	-0.8	
		E(S)	10 23 30.6						-0.9	
11	ANA	IP	10 23 15.4				209	144	-0.3	
		ES	10 23 34.1						-4.9	
11	ADK	EP	10 23 26.0				291	228	.1	
		IS	10 23 56.3						-0.4	

11	ADK	EP	10 23 46.8							
		ES	10 24 15.7							

11	ANA	EP	11 34 10.3							
11	ASB	EP	11 34 16.1							
11	ASC	EP	11 34 16.1							
		ES	11 34 42.3							

11	ASD	EP	11 34 17.8	31.4	.2					
11	ADK	EP	11 34 53.5							
		ES	11 35 44.0							

11	ASD	EP	18 48 46.7	5.5	.2					
11	ASB	EP	19 49 49.9							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	18 48 59.6							
11	19 33 20.10		50.05 N 179.71 W			DEPTH = 20.0 KM				SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
11	ASB	EP	19 33 45.6				163	153	-.5	
		E(S)	19 34 4.8						-.2	
11	ASD	EP	19 33 45.8	4.3	.2	3.11	162	155	-.1	
		E(S)	19 34 4.8						.1	
11	19 48 53.60		50.05 N 179.71 W			DEPTH = 20.0 KM				SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
11	ASB	IP	19 49 19.1	18.5	.2	3.75	163	153	-.5	
		ES	19 49 38.6						.1	
11	ASD	IP	19 49 19.4	14.0	.2	3.62	162	155	-.0	
		ES	19 49 39.4						.2	
11	ASC	EP	19 49 20.8				176	153	-.7	
		ES	19 49 40.3						-1.1	
11	ANA	EP	19 49 25.1				210	146	-.6	
		E(S)	19 49 48.0						-1.1	
11	20 8 56.00		50.05 N 179.71 W			DEPTH = 20.0 KM				SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
11	ASB	EP	20 09 21.5				163	153	-.5	
		ES	20 09 40.0						-.3	
11	ASD	EP	20 09 21.6	2.7	.2	2.90	162	155	-.2	
		ES	20 09 39.9						-.7	
11	21 22 19.90		50.05 N 179.71 W			DEPTH = 20.0 KM				SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
11	ASB	IP	21 22 45.4	23.2	.2	3.85	163	153	-.5	
		ES	21 23 3.8						-1.0	
11	ASD	IP C	21 22 45.7	29.7	.2	3.95	162	155	-.0	
		ES	21 23 3.7						-.8	
11	ASC	EP	21 22 47.1				176	153	-.7	
		ES	21 23 7.1						-1.1	
11	ANA	EP	21 22 50.9				210	146	-1.1	
		E(S)	21 23 13.1						-2.3	
11	21 30 14.10		50.05 N 179.71 W			DEPTH = 20.0 KM				SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
11	ASB	P	21 30 39.6				163	153	-.5	
		E(S)	21 30 57.3						-1.7	
11	ASD	EP	21 30 39.9	4.3	.2	3.11	162	155	-.0	
		ES	21 30 57.6						-1.1	
11	21 34 44.80		50.05 N 179.71 W			DEPTH = 20.0 KM				SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
11	ASB	IP	21 35 10.3				163	153	-.5	
		IS	21 35 28.6						-1.1	
11	ASD	IP	21 35 10.6	41.0	.2	4.09	162	155	-.0	
		IS	21 35 28.7						-.7	
11	ASC	EP	21 35 11.9				176	153	-.8	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
11	ANA	ES	21 35 32.1						-1.0	
11	ANA	P	21 35 16.1				210	146	-0.8	
11	ANA	ES	21 35 39.1						-1.2	
11	ADK	EP	21 35 30.7				300	228	2.7	
11	ADK	ES	21 36 2.0						2.5	
.....										
11	22 38 34.60	57.46 N 153.92 W DEPTH = 29.0 KM MB = 6.0 MS = 6.0 TELESEISMIC SOLUTION. KODIAK ISLAND REGION								
11	ADK	EP	22 41 53.9				1581	58		E 2242024
11	ADK	E	22 41 55.9							
11	ADK	ES	22 43 40.0							
11	ASD	EPNC	22 42 24.1	18.3	.2		1851	58		
11	ASD	IPG	22 42 27.4							
11	ASD	E	22 42 50.8							
11	ASB	EPN	22 42 24.6				1857	58		
11	ASB	EPG	22 42 27.1							
11	ASC	EPN	22 42 26.1				1856	58		
11	ASC	EPG	22 42 28.6							
11	ASC	E	22 42 52.6							
11	ANA	EPN	22 42 29.9				1977	59		
11	ANA	EPG	22 42 31.8							
.....										
11	ASD	EP	22 56 19.9	2.7	.2					
11	ASB	EP	22 56 21.1							
11	ASB	ES	22 56 36.6							
.....										
12	0 48 48.30	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS								
12	ASB	IP	00 49 13.8				163	153	-0.5	
12	ASB	ES	00 49 31.1						-2.1	
12	ASD	IPC	00 49 13.9	65.9	.2	4.29	162	155	-0.2	
12	ASD	IS	00 49 31.2						-1.7	
12	ASC	IP	00 49 15.6				176	153	-0.6	
12	ASC	IS	00 49 34.9						-1.7	
12	ANA	EP	00 49 19.4				210	146	-1.0	
12	ANA	S	00 49 41.9						-1.9	
12	ADK	EP	00 49 34.0				300	228	2.5	
12	ADK	ES	00 50 5.2						2.2	
.....										
12	1 11 45.00	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS								
12	ASD	IP C	01 12 10.5	9.7	.2	3.46	162	155	-0.3	
12	ASD	ES	01 12 28.9						-0.7	
12	ASB	EP	01 12 10.6				163	153	-0.4	
12	ASB	ES	01 12 28.8						-1.1	
.....										
12	4 11 8.60	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS								
12	ASB	EP	04 11 34.1				163	153	-0.5	
12	ASB	ES	04 11 51.9						-1.6	
12	ASD	IP	04 11 34.6	6.4	.2	3.29	162	155	.2	
12	ASD	ES	04 11 52.3						-0.9	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	4 49	13.06	51.08 N 179.92 E	DEPTH = 29.7 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	ASD	IPGD	04 49 22.6	27.0	.2	2.07	52	129	-.0	
		ES	04 49 29.7						.1	
12	ASB	IPG	04 49 23.3	11.6	.2	1.83	56	123	.1	
		ES	04 49 30.6						-.1	
12	ASC	IP	04 49 24.9				67	128	.0	
12	5 1	8.49	51.29 N 178.88 E	DEPTH = 29.5 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	ASB	IP	05 01 15.0				27	254	.0	
12	ASC	IP D	05 01 15.3				27	226	.3	
		IS	05 01 19.6						-.2	
12	ASD	IPGC	05 01 15.6	25.9	.2	1.35	33	254	-.2	
12	ANA	IP	05 01 16.5				40	157	-.1	
		IS	05 01 22.6						.1	
12	5	8.45.60	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASB	IP	05 09 11.1	22.4	.2	3.94	163	153	-.5	
		IS	05 09 30.3						-.2	
12	ASD	IP	05 09 11.3	15.1	.2	3.65	162	155	-.1	
		ES	05 09 29.9						-.3	
12	ASC	EP	05 09 13.4				176	153	-.1	
		ES	05 09 32.9						-1.0	
12	ANA	EP	05 09 18.1				210	146	.4	
		E(S)	05 09 40.9						-.2	
12	6 25	45.70	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASB	EP	06 26 11.2				163	153	-.5	
		ES	06 26 31.3						.7	
12	ASD	EP	06 26 11.4	3.8	.2	3.05	162	155	-.1	
		ES	06 26 31.2						.9	
12	6 32	27.90	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASD	EP	06 32 53.4	2.1	.2	2.80	162	155	-.3	
		E(S)	06 33 12.4						-.1	
12	ASB	EP	06 32 53.4				163	153	-.5	
		ES	06 33 11.9						-.9	
12	8 2	30.60	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASB	IP	08 02 56.1	9.3	.2	3.46	163	153	-.5	
		E(S)	08 03 15.3						-.2	
12	ASD	EP	08 02 56.2	5.9	.2	3.24	162	155	-.2	
12	ASC	EP	08 02 57.8				176	153	-.7	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	8	2	58.00	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
12	ASD	IP	08 03 23.5	13.4	.2	3.60	162	155	-.3	
		IS	08 03 41.6						-1.0	
12	ASB	EP	08 03 23.6	9.6	.2	3.47	163	153	-.4	
		ES	08 03 41.3						-1.6	
12	ASC	EP	08 03 25.3				176	153	-.6	
		ES	08 03 44.6						-1.7	
12	ASD	IPG	08 09 38.1	3.2	.2					
		IS	08 09 48.6							
12	ASB	EPG	08 09 39.1							
		ES	08 09 49.4							
12	9	25	5.00	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
12	ASD	IP	08 25 30.6	81.1	.2	4.38	162	155	-.2	
		ES	08 25 49.3						-1.3	
12	ASB	IP	08 25 30.6				163	153	-.4	
12	ASC	IP	08 25 32.1				176	153	-.3	
		IS	08 25 51.6						-1.7	
12	ANA	EP	08 25 36.9				210	146	-.2	
		ES	08 25 57.6						-2.9	
12	ADK	EP	08 25 51.4				300	228	3.2	
		ES	08 26 24.0						4.3	
12	ASD	EP	09 57 21.4	4.3	.2					
		IS	09 57 39.1							
12	ASB	EP	09 57 21.6	2.3	.2					
		ES	09 57 39.1							
12	ANA	EP	09 57 23.5							
		ES	09 57 42.6							
12	10	17	44.35	51.46 N 178.94 E	DEPTH = 47.4 KM					FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
12	ASC	EP	10 17 52.1				15	268	.0	
12	ASB	IP	10 17 52.6				24	297	.0	
12	ASD	IPG	10 17 53.0	3.2	.2	.22	29	283	.0	
		ES	10 17 59.3						.0	
12	13	48	47.20	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
12	ASB	IP	13 49 12.7	9.6	.2	3.47	163	153	-.5	
		ES	13 49 32.2						.1	
12	ASD	IP	13 49 12.9	9.2	.2	3.44	162	155	-.1	
12	ASC	IP	13 49 14.1				176	153	-1.0	
12	14	11	52.10	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
12	ASB	IP	14 12 17.6				163	153	-.5	
		E(S)	14 12 36.3						-.7	
12	ASD	IP	14 12 19.0	32.9	.2	3.99	162	155	.1	
		E(S)	14 12 36.1						-.6	
12	ASC	IP	14 12 19.5				176	153	-.5	
		ES	14 12 39.1						-1.3	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
12	14 14	52.51	50.83 N 179.53 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
12	ASB	EPG	14 15 3.4	7.7	.2	1.94	63	161	-.1	
		ES	14 15 11.7						.2	
12	ASD	EPG	14 15 3.9	15.1	.2	2.13	63	163	.4	
		ES	14 15 12.3						.8	
12	ASC	EPG	14 15 5.8				76	159	.4	
		ES	14 15 15.1						.3	
.....										
12	14 42	.40	50.02 N 179.92 E	DEPTH = 20.0 KM MB = 3.9			TELESEISMIC SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
12	ASD	IP	14 42 24.8	75.6	.2	4.30	156	165	-.5	
12	ASB	IP	14 42 24.8	50.2	.2	4.12	157	162	-.6	
12	ASC	EP	14 42 26.5				169	161	-.8	
12	ADK	EP	14 42 45.7				321	231	-.5	
		ES	14 43 13.0						-1.7	
.....										
12	15 20	12.80	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	ASB	IP	15 20 38.3	5.4	.2	3.22	163	153	-.5	
		ES	15 20 57.9						.2	
12	ASD	IP	15 20 38.5	5.5	.2	3.21	162	155	-.1	
		ES	15 20 57.9						.5	
12	ASC	EP	15 20 40.1				176	153	-.6	
.....										
12	15 45	51.10	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	ASB	IP	15 46 16.6	5.0	.2	3.19	163	153	-.5	
		ES	15 46 35.9						-.1	
12	ASD	IP	15 46 16.7	3.2	.2	2.98	162	155	-.2	
		IS	15 46 35.9						.2	
12	ASC	EP	15 46 20.1				176	153	1.1	
.....										
12	16 25	.69	50.89 N 179.71 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	ASD	IPGC	16 25 15.1	70.7	.2	3.30	85	129	.1	
		IS	16 25 25.8						.3	
12	ASB	IPG	16 25 15.9				90	125	.2	
		E(S)	16 25 26.4						-.2	
12	ASC	IPG	16 25 17.3				101	128	-.1	
		ES	16 25 30.1						.5	
12	ANA	EP	16 25 22.9				140	125	-.4	
.....										
12	13 20	42.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	ASB	IP	18 21 7.8	23.5	.2	3.86	163	153	-.5	
		IS	13 21 26.2						-1.0	
12	ASD	IP	18 21 7.9	18.3	.2	3.74	162	155	-.2	
		IS	18 21 26.4						-.5	
12	ASC	IP	18 21 9.6				176	153	-.6	
		E(S)	18 21 29.1						-1.5	
12	ANA	EP	18 21 13.6				210	146	-.8	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
			E(S) 13 21 35.8						-2.0	
12	18 55	31.80	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	ASB	IP	18 55 57.3				163	153	-.5	
		IS	18 56 16.1						-.6	
12	ASD	IP	18 55 57.4	3.2	.2	2.98	162	155	-.2	
		IS	18 56 16.1						-.3	
12	13 57	51.90	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	ASD	EP	18 58 17.4	3.2	.2	2.98	162	155	-.3	
		ES	18 58 34.9						-1.6	
12	ASB	EP	18 58 17.6				163	153	-.3	
		ES	18 58 34.3						-2.5	
12	19 22	20.10	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	ASB	EP	19 22 45.6				163	153	-.5	
		ES	19 23 4.5						-.5	
12	ASD	EP	19 22 45.9	5.5	.2	3.21	162	155	-.0	
		ES	19 23 4.9						.2	
12	20 52	15.39	51.70 N 179.71 W DEPTH = 90.3 KM						FREE DEPTH SOLUTION	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	ASD	IPG	20 52 31.9	41.0	.2		75	61	.0	
		IS	20 52 43.7						-.0	
12	ASB	IPG	20 52 32.4	29.3	.2		82	62	.0	
		IS	20 52 44.7						-.1	
12	ASC	IPG	20 52 32.4				93	71	-.1	
		IS	20 52 45.0						.1	
12	20 54	39.70	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	ASB	IP	20 55 4.2	30.9	.2	3.98	163	153	-.5	
		ES	20 55 21.9						-1.7	
12	ASD	IP	20 55 4.3	40.0	.2	4.08	162	155	-.2	
		IS	20 55 22.3						-1.0	
12	ASC	IP	20 55 5.8				176	153	-.8	
		IS	20 55 25.8						-1.2	
12	ANA	EP	20 55 10.0				210	146	-.9	
		ES	20 55 32.6						-1.6	
12	ADK	EP	20 55 26.8				300	223	4.9	
		ES	20 55 57.4						4.0	
12	21 26	38.30	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
12	ASD	EP	21 27 3.8	10.2	.2	3.48	162	155	-.3	
		ES	21 27 22.1						-.8	
12	ASB	IP	21 27 4.2	7.3	.2	3.35	163	153	-.1	
		IS	21 27 22.6						-.6	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	ASC	IP	21 27 5.7				176	153	-.5	
		IS	21 27 25.2						-1.4	
12	21 29 28.80		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASB	IP	21 29 54.3	3.1	.2	2.98	163	153	-.5	
		ES	21 30 12.2						-1.5	
12	ASD	EP	21 29 54.6	3.2	.2	2.99	162	155	-.0	
12	22 1 11.30		50.00 N 179.55 W							TELESEISMIC SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASD	IP	22 01 38.1	102.8	.2	4.59	172	153	-.6	
		ES	22 01 58.3						-.3	
12	ASB	IP	22 01 39.2				174	150	-.7	
12	ASC	IP	22 01 39.5				187	150	-1.0	
12	ANA	EP	22 01 44.1				221	144	-.7	
12	ADK	EP	22 01 53.4				296	226	-.6	
		ES	22 02 24.2						-1.0	
12	22 5 41.60		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASD	EP	22 06 7.1	11.2	.2	3.52	162	155	-.3	
		ES	22 06 27.3						1.1	
12	ASB	IP	22 06 7.3	7.7	.2	3.37	163	153	-.3	
		IS	22 06 27.6						1.1	
12	ASC	EP	22 06 8.9				176	153	-.6	
		ES	22 06 30.6						.7	
12	22 14 48.10		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASB	EP	22 15 13.6				163	153	-.5	
		E(S)	22 15 34.3						1.3	
12	ASD	EP	22 15 13.9	3.2	.2	2.99	162	155	-.1	
		ES	22 15 33.7						1.0	
12	22 27 10.80		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASD	IP	22 27 36.3	34.6	.2	4.01	162	155	-.3	
		IS	22 27 54.3						-1.1	
12	ASB	IP	22 27 36.3	27.0	.2	3.92	163	153	-.5	
		IS	22 27 54.6						-1.1	
12	ASC	IP	22 27 38.1				176	153	-.6	
		IS	22 27 57.6						-1.5	
12	ANA	EP	22 27 42.1				210	146	-.8	
		E(S)	22 28 3.9						-2.4	
13	0 23 14.70		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASB	IP	00 23 40.2	21.6	.2	3.92	163	153	-.5	
		IS	00 23 57.8						-1.8	
13	ANA	IP	00 23 40.2				210	146	-6.6	

MAR 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	ASC	ES	00 23 37.5						-12.7	
13	ASC	IP	00 23 40.7				176	153	-1.9	
13	ASC	IS	00 23 58.5						-4.5	
13	ASD	IP	00 23 41.0	21.6	.2	3.91	162	155	.5	
13	ASD	IS	00 23 59.2						-1	
13	0 29 52.50		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASB	IP	00 29 18.0	5.4	.2	3.22	163	153	-5	
13	ASB	ES	00 29 39.1						.7	
13	ASD	IP	00 29 18.2	5.9	.2	3.24	162	155	-1	
13	ASD	IS	00 29 38.3						1.2	
13	ASC	EP	00 29 19.5				176	153	-9	
13	ASC	IS	00 29 41.0						.2	
13	0 32 0.00		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASB	EP	00 32 25.5	3.5	.2	3.03	163	153	-5	
13	ASB	ES	00 32 46.0						1.1	
13	ASD	IP	00 32 25.9	3.9	.2	3.05	162	155	-0	
13	ASD	ES	00 32 46.2						1.6	
13	ASC	EP	00 32 27.0				176	153	-9	
13	ASC	ES	00 32 48.8						.5	
13	0 34 56.10		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASD	IP	00 35 21.6	9.2	.2	3.44	162	155	-3	
13	ASD	ES	00 35 39.7						-1.0	
13	ASB	EP	00 35 21.7				163	153	-4	
13	ASB	ES	00 35 39.5						-1.5	
13	ASC	EP	00 35 23.0				176	153	-1.0	
13	ASC	E(S)	00 35 43.0						-1.4	
13	1 22 2.00		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASB	EP	01 22 27.5	14.7	.2	3.65	163	153	-5	
13	ASB	ES	01 22 45.8						-1.1	
13	ASD	EP	01 22 27.7	8.1	.2	3.33	162	155	-1	
13	ASD	E(S)	01 22 46.0						-6	
13	ASC	EP	01 22 29.5				176	153	-4	
13	ASC	ES	01 22 48.3						-2.0	
13	ADK	EP	02 37 37.2							
13	ADK	ES	02 37 50.8							
13	ASD	E(P)	02 38 11.7	1.7	.3					
13	ASD	EL	02 39 14.5							
13	2 50 25.30		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASB	EP	02 50 50.9	6.2	.2	3.29	163	153	-5	
13	ASB	ES	02 51 10.6						.4	
13	ASD	EP	02 50 51.9	9.7	.2	3.46	162	155	.3	
13	ASC	EP	02 50 53.4				176	153	.2	
13	ASC	ES	02 51 13.5						-1	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	3	0	4.50	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
13	ASB	IP	03 00 30.0				163	153	-.5	
		ES	03 00 49.0						-.4	
13	ASD	IP	03 00 30.3	20.6	.2	3.79	162	155	-.0	
		ES	03 00 51.7						2.6	
13	ASC	IP	03 00 31.9				176	153	-.5	
		ES	03 00 52.0						-.3	
13	ANA	EP	03 00 36.0				210	146	-.6	
		E(S)	03 00 58.8						-1.2	
13	4	5	46.50	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
13	ASB	EP	04 06 12.0				163	153	-.5	
		ES	04 06 32.4						1.0	
13	ASD	IP	04 06 12.2	4.3	.2	3.11	162	155	-.1	
		IS	04 06 32.2						1.1	
13	ASC	EP	04 06 14.0				176	153	-.4	
		ES	04 06 34.8						.0	
13	4	14	34.30	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
13	ASB	EP	04 14 59.8				163	153	-.5	
		ES	04 15 20.0						.8	
13	ASD	IP	04 15 0.0	9.2	.2	3.44	162	155	-.1	
13	ASC	EP	04 15 1.4				176	153	-.9	
13	4	37	13.90	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
13	ASB	EP	04 37 39.4				163	153	-.5	
13	ASD	EP	04 37 39.5	4.3	.2	3.11	162	155	-.2	
		ES	04 37 59.9						1.3	
13	ASC	EP	04 37 41.0				176	153	-.8	
		ES	04 38 2.5						.3	
13	ANA	EP	04 37 45.3				210	146	-.7	
		ES	04 38 11.0						1.6	
13	5	7	48.10	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
13	ASB	EP	05 03 13.6				163	153	-.5	
		ES	05 08 31.2						-1.8	
13	ASD	IP	05 03 13.7	40.0	.2	4.09	162	155	-.2	
		IS	05 08 31.9						-.8	
13	ASC	EP	05 08 15.2				176	153	-.3	
		ES	05 08 35.2						-1.2	
13	ANA	EP	05 08 19.5				210	146	-.7	
		ES	05 08 42.0						-1.6	

MAR 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	5	13	3.90	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
13	ASB	EP	05 13 29.4				163	153	-.5	
		ES	05 13 49.4						.6	
13	ASD	IP	05 13 29.7	1.7	.2	2.70	162	155	-.0	
		ES	05 13 49.6						1.1	
13	6	29	34.50	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
13	ASD	EP	06 30 0.0	7.6	.2	3.35	162	155	-.3	
		ES	06 30 20.0						.9	
13	ASB	EP	06 30 0.0				163	153	-.5	
		E(S)	06 30 20.2						.3	
13	ASC	EP	06 30 2.0				176	153	-.4	
		ES	06 30 23.3						.5	
13	8	18	32.90	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
13	ASD	EP	08 13 53.4	2.1	.2	2.80	162	155	-.3	
		ES	08 19 17.6						.1	
13	ASB	EP	08 13 59.1				163	153	.2	
		ES	08 19 18.3						.5	
13	9	19	30.70	51.22 N 177.20 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ANA	EP	09 13 50.7				111	246	.9	
		ES	09 20 5.0						1.0	
13	ASC	EP	09 19 54.6				139	259	.4	
		ES	09 20 11.7						.4	
13	ASB	EP	09 19 55.4	3.8	.2	2.86	144	264	.5	
		ES	09 20 13.7						1.3	
13	ASD	EP	09 19 56.0	3.8	.2	2.93	150	264	.1	
		ES	09 20 15.0						.8	
13	9	27	34.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
13	ASD	EP	09 27 59.9	4.9	.2	3.17	162	155	-.3	
		E(S)	09 28 18.7						-.2	
13	ASB	EP	09 23 0.0	6.9	.2	3.33	163	153	-.3	
		ES	09 28 19.1						-.1	
13	ASC	EP	09 28 1.5				176	153	-.7	
		ES	09 28 21.5						-1.1	
13	10	13	17.90	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
13	ASD	IP	10 18 43.3	7.0	.2	3.32	162	155	-.3	
		IS	10 19 1.3						-1.1	
13	ASB	EP	10 18 43.3	3.1	.2	2.98	163	153	-.5	
		ES	10 19 1.5						-1.2	
13	ASC	EP	10 13 44.9				176	153	-.8	
		ES	10 19 4.5						-1.6	
13	ANA	EP	10 13 49.5				210	146	-.4	

MAR 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		E(S)	10 19 11.5						-1.8	
13	ASD	IPG	11 42 37.7	1.7	.2					
		ES	11 42 48.5							
13	ASB	EPG	11 42 39.9							
		ES	11 42 50.2							
13	12 4 57.51		51.03 N 178.99 E							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	ASB	IPG	12 05 5.1	14.6	.2	1.45	41	206	-.1	
		IS	12 05 10.8						.0	
13	ASD	IPG	12 05 5.9	10.8	.2	1.49	46	212	.0	
		IS	12 05 11.9						-.1	
13	ASC	EPG	12 05 6.5				50	194	.1	
13	ANB	EP	12 05 8.6				66	168	-.2	
13	ANA	EPG	12 05 9.7				71	161	.1	
13	14 10 18.70		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASB	IP C	14 10 44.2	37.0	.2	4.06	163	153	-.5	
		ES	14 11 1.0						-2.6	
13	ASD	IP	14 10 44.3	32.5	.2	3.99	162	155	-.2	
		IS	14 11 2.3						-1.0	
13	ASC	IP	14 10 45.6				176	153	-1.0	
		IS	14 11 5.1						-1.9	
13	ANA	EP	14 10 50.0				210	146	-.8	
		IS	14 11 12.5						-1.7	
13	14 13 12.30		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASD	IP	14 13 37.9	5.5	.2	3.21	162	155	-.3	
		ES	14 13 57.0						.1	
13	ASB	EP	14 13 38.4				163	153	.1	
		ES	14 13 56.0						-1.2	
13	ADK	EP	14 44 48.7							
		ES	14 45 10.6							
13	ASD	IP	15 17 9.0	3.2	.2					
		E(S)	15 17 33.0							
13	ASB	EP	15 17 9.9							
		ES	15 17 33.5							
13	16 16 59.80		50.05 N 179.71 W							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASB	EP	16 17 25.3	5.4	.2	3.22	163	153	-.5	
		ES	16 17 42.9						-1.8	
13	ASD	EP	16 17 25.5	8.1	.2	3.38	162	155	-.1	
		IS	16 17 43.0						-1.4	
13	ASC	EP	16 17 27.0				176	153	-.7	
		IS	16 17 46.0						-2.1	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	17 29 24.90	51.93 N 175.29 E	DEPTH = 43.0 KM	MB = 4.5						TELESEISMIC SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	ANA	EPN	17 28 58.8				235	280	.8	ANA OR ANB
13	ASC	EPN	17 29 2.7				273	293	.0	WHITEOUT
		EP	17 29 5.5							
13	ASB	EPN	17 29 4.0	30.0	.2		281	285	.2	WHITEOUT
		IP	17 29 7.7							
		E(S)	17 29 32.2						-.0	
13	ASD	EPN	17 29 4.7	22.1	.2		287	284	.2	WHITEOUT
		IP*	17 29 7.2							
		E(S)	17 29 32.0						-1.5	
13	ADK	EP	17 29 40.0				559	274	2.0	
		EL	17 30 45.8							
13	19 33 33.51	51.32 N 179.52 E	DEPTH = 44.2 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	ASD	IPG	18 33 40.8	9.2	.2	-.46	14	118	-.1	
		IS	18 33 46.3						.1	
13	ASB	IPG	18 33 41.4	4.6	.2	-.24	20	104	.2	
		E(S)	18 33 46.5						-.3	
13	ASC	EPG	18 33 41.8				30	122	-.2	
		ES	18 33 48.3						.2	
13	18 58 57.50	50.05 N 179.71 W	DEPTH = 20.0 KM							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASD	EP	18 59 23.0	2.7	.2	2.90	162	155	-.3	
		E(S)	18 59 41.8						-.3	
13	ASB	EP	18 59 23.2				163	153	-.3	
		E(S)	18 59 41.8						-.6	
13	ASD	IP	19 16 44.1	9.7	.2					
		IS	19 17 2.2							
13	ASB	EP	19 16 44.2	4.6	.2					
		IS	19 17 1.0							
13	19 55 30.30	50.05 N 179.71 W	DEPTH = 20.0 KM							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASD	EP	19 55 55.9	4.3	.2	3.11	162	155	-.3	
		ES	19 56 13.3						-1.6	
13	ASB	EP	19 55 56.0				163	153	-.3	
		ES	19 56 13.5						-1.7	
13	ASC	EP	19 55 59.0				176	153	-.2	
		IS	19 56 16.8						-1.8	
13	20 11 6.00	50.05 N 179.71 W	DEPTH = 20.0 KM							SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	ASB	IP	20 11 31.5	24.6	.2	3.88	163	153	-.5	
		ES	20 11 49.7						-1.2	
13	ASD	IP	20 11 31.6	26.5	.2	3.90	162	155	-.2	
		ES	20 11 49.9						-.7	
13	ASC	IP	20 11 33.3				176	153	-.6	
		ES	20 11 52.9						-1.5	
13	ANB	EP	20 11 35.8				203	148	-1.4	
		ES	20 11 57.0						-2.9	
13	ANA	EP	20 11 37.3				210	146	-.8	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	20 11 59.8						-1.7	
13	21	2	26.70	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
13	ASD	EP	21 02 52.2	2.1	.2	2.80	162	155	-.3	
		ES	21 03 10.3						-.5	
13	ASB	EP	21 02 52.3				163	153	-.4	
		ES	21 03 10.8						-.9	
13	21	5	33.70	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
13	ASB	IP	21 05 59.2	10.8	.2	3.52	163	153	-.5	
		IS	21 06 18.6						-.0	
13	ASD	IP	21 05 59.3	7.0	.2	3.32	162	155	-.2	
		IS	21 06 18.5						.2	
13	ASC	EP	21 06 .7				176	153	-.9	
		ES	21 06 21.5						-.5	
13	ANA	EP	21 06 4.9				210	146	-1.0	
		ES	21 06 29.3						.1	
13	21	15	32.50	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
13	ASB	IP C	21 15 58.0	7.7	.2	3.37	163	153	-.5	
		ES	21 16 19.3						.9	
13	ASD	IP	21 15 58.3	5.9	.2	3.24	162	155	-.0	
		ES	21 16 17.3						.2	
13	ANB	EP	21 16 2.5				203	148	-1.2	
13	ANA	EP	21 16 3.9				210	146	-.8	
13	21	37	5.00	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
13	ASB	IP C	21 37 30.5	16.9	.2	3.72	163	153	-.5	
		IS	21 37 48.7						-1.2	
13	ASD	IP C	21 37 30.6	35.1	.2	4.02	162	155	-.2	
		IS	21 37 48.5						-1.1	
13	ASC	IP	21 37 32.0				176	153	-.9	
		ES	21 37 51.5						-1.8	
13	ANB	EP	21 37 35.0				203	148	-1.2	
		IS	21 37 56.6						-2.3	
13	ANA	EP	21 37 36.0				210	146	-1.1	
		E(S)	21 37 59.0						-1.5	
13	ASD	IPG	21 59 23.7	18.3	.2					
		IS	21 59 29.9							
13	ASB	IPG	21 59 24.7	29.3	.2					
		IS	21 59 31.7							
13	ASC	IPG	21 59 25.9							
		IS	21 59 33.5							
13	ANB	IPG	21 59 29.7							
13	ANA	EPG	21 59 31.3							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
14	0	1	55.20	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
14	ASD	IP	00 02 20.7	9.7	.2	3.41	162	155	-.3	
		ES	00 02 36.8						-3.0	
14	ASB	IP	00 02 20.8	4.6	.2	3.15	163	153	-.4	
		ES	00 02 37.8						-2.3	
14	ASC	EP	00 02 22.7				176	153	-.4	
		E(S)	00 02 41.8						-1.7	
.....										
14	0	13	17.70	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
14	ASD	IP	00 13 43.2	4.3	.2	3.11	162	155	-.3	
		IS	00 14 1.7						-.6	
14	ASB	IP	00 13 43.2	4.6	.2	3.15	163	153	-.5	
		ES	00 14 2.0						-.6	
14	ASC	EP	00 13 44.8				176	153	-.8	
.....										
14	0	29	57.50	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
14	ASB	IP	00 30 23.0	6.2	.2	3.28	163	153	-.5	
		ES	00 30 42.0						-.4	
14	ASD	IP	00 30 23.4	9.7	.2	3.46	162	155	.1	
		ES	00 30 42.0						-.1	
14	ASC	EP	00 30 24.7				176	153	-.7	
		ES	00 30 44.8						-1.0	
14	ANB	EP	00 30 28.1				203	148	-.6	
		ES	00 30 49.9						-1.5	
14	ANA	EP	00 30 28.8				210	146	-.8	
		E(S)	00 30 51.2						-1.8	
.....										
14	ADK	EP	01 26 9.9							
		ES	01 26 30.4							
14	ASD	EPG	01 26 44.5	2.1	.2					
		ES	01 26 56.0							
14	ASB	EPG	01 26 45.0							
		ES	01 26 56.8							
.....										
14	2	13	27.80	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
14	ASD	IP	02 13 53.3	11.3	.2	3.53	162	155	-.3	
		IS	02 14 11.5						-.9	
14	ASB	EP	02 13 53.7	7.7	.2	3.37	163	153	-.1	
		IS	02 14 11.6						-1.1	
14	ASC	EP	02 13 56.0				176	153	.3	
		ES	02 14 15.0						-1.1	
14	ANA	EP	02 14 0.0				210	146	.1	
		ES	02 14 22.0						-1.3	
.....										
14	2	27	42.74	51.74 N	179.91 E	DEPTH = 75.4 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
14	ANB	EP	02 27 53.8				18	28	-.1	
		ES	02 29 2.1						.1	
14	ANA	EP	02 27 53.9				22	54	-.1	
		ES	02 28 2.4						.1	
14	ASC	EP	02 27 54.8				36	331	.1	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
14	ASB	EP	02 27 55.7	5.0	.2		49	331	.1	
		ES	02 28 4.9						-.1	
14	ASD	IP	02 27 55.9	3.2	.2		51	324	.0	
		IS	02 28 5.1						-.1	
.....										
14	4 15	43.00	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
14	ASD	IP	04 16 8.5	46.5	.2	4.14	162	155	-.3	
		IS	04 16 29.3						.7	
14	ASB	IP	04 16 9.1	38.6	.2	4.07	163	153	.1	
		ES	04 16 29.5						1.6	
14	ASC	IP	04 16 9.5				176	153	-1.4	
		ES	04 16 30.2						-1.1	
14	ANB	IP	04 16 11.3				203	148	-2.9	
		ES	04 16 33.4						-3.5	
14	ANA	EP	04 16 11.5				210	146	-3.6	
		ES	04 16 35.3						-3.2	
.....										
14	6 30	47.00	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
14	ASB	IP	06 31 12.5	8.1	.2	3.40	163	153	-.5	
		ES	06 31 32.0						.1	
14	ASD	EP	06 31 12.8	5.9	.2	3.24	162	155	-.0	
		ES	06 31 32.0						.4	
14	ASC	EP	06 31 14.2				176	153	-.7	
		ES	06 31 35.0						-.3	
14	ANA	EP	06 31 18.2				210	146	-.9	
.....										
14	7 13	45.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
14	ASD	EP	07 19 10.7	4.3	.2	3.11	162	155	-.3	
		ES	07 19 29.0						-.3	
14	ASB	EP	07 19 10.8				163	153	-.4	
		ES	07 19 29.5						-1.6	
14	ASC	EP	07 19 12.3				176	153	-.8	
		S	07 19 31.3						-1.7	
.....										
14	ASD	EP	08 11 44.5	9.7	.2					
		ES	08 11 59.7							
14	ASB	EP	08 11 45.7	6.2	.2					
		ES	08 12 1.1							
14	ASC	EP	08 11 47.0							
		E(S)	08 12 4.5							
14	ANB	EP	08 11 51.2							
14	ANA	EP	08 11 52.8							
.....										
14	11 42	.93	51.15 N 179.91 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
14	ASD	IP	11 42 10.9	3.9	.2	1.39	59	115	-.4	
		IS	11 42 18.6						-.0	
14	ASB	EP	11 42 11.7				63	111	-.2	
		ES	11 42 20.2						.2	
14	ASC	EP	11 42 14.3				73	119	.9	
		ES	11 42 22.8						.2	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
14	12 53	4.20	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
14	ASD	IP	12 53 29.7	2.7	.2	2.90	162	155	-.3	
		ES	12 53 49.5						-.3	
14	ASB	ES	12 53 31.6	2.3	.2	2.85	163	153	1.4	
		ES	12 53 52.4						3.3	
14	12 51	26.50	45.52 N 150.94 E	DEPTH = 33.0 KM						TELESEISMIC SOLUTION
			KURIL ISLANDS							
14	ADK	EP	12 56 21.2				2472	266		
14	ASD	EP	13 37 16.0	3.8	.2					
		E(S)	13 37 37.5							
14	ASB	EP	13 37 16.7							
14	14 11	48.90	51.95 N 178.77 W	DEPTH = 98.0 KM						TELESEISMIC SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
14	ASD	IP C	14 12 13.0	478.0	.2		145	63	.1	
		IS	14 12 30.5						.1	
14	ADK	IP	14 12 13.3				150	274	-.2	
		IS	14 12 30.6						-.8	
14	ASB	IP	14 12 13.6				152	64	-.0	WHITEOUT
14	ASC	IP	14 12 14.0				153	68	.3	WHITEOUT
14	ANA	IP	14 12 17.7				191	77	.9	WHITEOUT
14	14 17	5.70	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
14	ASB	IP	14 17 31.2	16.2	.2	3.70	163	153	-.5	
		IS	14 17 46.9						-3.7	
14	ASD	IP	14 17 31.5	7.6	.2	3.35	162	155	-.0	
		IS	14 17 47.0						-3.3	
14	ASC	IP	14 17 32.3				176	153	-.8	
		ES	14 17 48.7						-5.3	
14	ANB	EP	14 17 36.5				203	148	-.4	
14	18 0	4.00	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
14	ASD	IP	18 00 29.5	4.3	.2	3.11	162	155	-.3	
		ES	18 00 47.5						-1.1	
14	ASB	IP	18 00 29.9	3.9	.2	3.07	163	153	-.2	
		ES	18 00 48.5						-.4	
14	18 25	0.00	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
14	ASD	IP	18 25 25.5	7.6	.2	3.35	162	155	-.3	
		IS	18 25 43.9						-.9	
14	ASB	IP	18 25 25.6	7.7	.2	3.37	163	153	-.4	
		ES	18 25 44.6						-.3	
14	ASC	EP	18 25 27.0				176	153	-.9	
		ES	18 25 47.0						-1.3	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
14	18 34	19.00	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
14	ASB	EP	18 34 44.5	11.5	.2	3.55	163	153	-.5	
		ES	18 35 4.0						.1	
14	ASD	EP	18 34 44.8	8.7	.2	3.41	162	155	-.0	
		ES	18 35 3.8						.2	
14	ASC	EP	18 34 45.9				176	153	-1.1	
		ES	18 35 6.5						-.8	
14	ANB	EP	18 34 49.0				203	148	-1.2	
		ES	18 35 11.2						-1.7	
14	ANA	EP	18 34 50.5				210	146	-.6	
		E(S)	18 35 13.6						-.9	
14	ASB	IP	18 53 1.2	23.1	.2					
14	ASD	EP	18 53 1.9	11.9	.2					
14	ASC	IP	18 53 2.5							
14	ANB	EP	18 53 4.2							
14	ANA	EP	18 53 4.8							
		E(S)	18 53 34.9							
14	19 10	32.85	51.37 N 179.99 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
14	ASD	IPG	19 10 41.4	74.5	.2	2.33	46	91	-.1	
		IS	19 10 47.4						-.3	
14	ASB	IPG	19 10 42.5				53	89	.1	
		ES	19 10 49.4						.1	
14	ASC	IPG	19 10 43.6				60	100	.2	
		ES	19 10 51.2						.1	
14	ANB	EP	19 10 47.4				88	107	-.2	
		E(S)	19 10 58.4						.0	
14	ANA	EPG	19 10 49.0				98	107	-.0	
		ES	19 11 .9						.1	
14	19 50	44.70	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
14	ASD	EP	19 51 10.2	4.3	.2	3.11	162	155	-.3	
		ES	19 51 29.0						-.3	
14	ASC	EP	19 51 11.7				176	153	-.9	
		E(S)	19 51 31.5						-1.5	
14	ANB	EP	19 51 15.8				203	148	-.1	
		E(S)	19 51 40.4						1.8	
14	20 46	20.90	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
14	ASB	EP	20 46 46.3	4.6	.2	3.15	163	153	-.5	
		ES	20 47 5.7						-.0	
14	ASD	EP	20 46 46.6	4.3	.2	3.11	162	155	-.0	
		ES	20 47 5.6						.2	
14	ASC	EP	20 46 49.8				176	153	1.1	
		ES	20 47 8.6						-.5	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
14	20 49 46.10		19.61 S	173.19 W	DEPTH = 610.0 KM MB = 5.1			TELESEISMIC SOLUTION		
FIJI ISLANDS REGION										
14	ADK	IP D	21 00	5.4			7917	182		
.....										
14	21 10 39.70		50.05 N	179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
14	ASB	EP	21 11	5.2	8.5	.2	3.42	163	153	-.5
		ES	21 11	24.6						-.0
14	ASD	EP	21 11	5.3	7.0	.2	3.32	162	155	-.2
		ES	21 11	24.6						.3
14	ASC	EP	21 11	7.2				176	153	-.4
		ES	21 11	27.2						-.9
14	ANB	EP	21 11	9.8				203	148	-1.1
		ES	21 11	33.3						-.3
14	ANA	EP	21 11	12.0				210	146	.2
		ES	21 11	36.0						.8
.....										
15	0 6 31.85		51.53 N	179.05 E	DEPTH = 58.4 KM			FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
15	ASC	EP	00 06	40.4				10	313	-.3
		E(S)	00 06	47.6						.4
15	ASB	EP	00 06	41.4				23	323	.2
		E(S)	00 06	47.9						-.2
15	ASD	EP	00 06	41.6	2.1	.2		26	309	.2
		ES	00 06	48.2						-.2
.....										
15	0 9 26.80		50.05 N	179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
15	ASD	EP	00 09	52.3	3.2	.2	2.98	162	155	-.3
		E(S)	00 10	12.4						1.0
15	ASB	EP	00 09	52.9				163	153	.1
		ES	00 10	12.5						.9
.....										
15	2 21 14.60		50.05 N	179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
15	ASB	EP	02 21	40.1	4.6	.2	3.15	163	153	-.5
		IS	02 21	58.2						-1.3
15	ASD	EP	02 21	40.2	6.4	.2	3.28	162	155	-.2
		ES	02 21	58.1						-1.1
15	ASC	EP	02 21	41.9				176	153	-.6
		ES	02 22	.6						-2.3
.....										
15	2 28 33.20		50.05 N	179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
15	ASD	EP	02 28	59.7	3.2	.2	2.98	162	155	-.3
		ES	02 29	12.1						-5.7
15	ASB	EP	02 28	59.9				163	153	-.3
.....										

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
15	3 45	51.00	50.05 N 179.71 W	DEPTH = 20.0 KM		SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
15	ASB	EP	03 46 16.5	3.8	.2	3.07	163	153	-.5	
		ES	03 46 35.1						-.3	
15	ASD	EP	03 46 16.7	2.7	.2	2.90	162	155	-.1	
		ES	03 46 34.7						-.9	
15	ASC	EP	03 46 19.1				176	153	-.8	
		ES	03 46 38.1						-1.2	
.....										
15	4 6	28.30	50.05 N 179.71 W	DEPTH = 20.0 KM		SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
15	ASD	EP	04 06 53.8	2.1	.2	2.80	162	155	-.3	
		ES	04 07 11.9						-1.1	
15	ASB	EP	04 06 54.6				163	153	.3	
		ES	04 07 12.4						-.8	
.....										
15	4 23	52.92	51.33 N 179.43 E	DEPTH = 65.2 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
15	ASD	EPG	04 24 2.7	4.9	.2		8	133	.1	
		ES	04 24 9.5						-.1	
15	ASB	EP	04 24 2.7				13	107	.0	
15	ASC	EPG	04 24 3.1				24	129	-.0	
		ES	04 24 10.6						.0	
15	ANB	EPG	04 24 5.2				54	124	-.1	
		ES	04 24 14.4						.1	
.....										
15	ASD	EP	04 38 54.4	4.9	.2					
15	ANA	EP	04 38 54.5							
15	ASB	EP	04 38 54.7							
		ES	04 39 12.1							
15	ASC	EP	04 38 54.7							
		ES	04 39 12.9							
.....										
15	ASD	EP	06 56 49.8	8.7	.2					
15	ASB	EP	06 56 50.4							
15	ANB	EP	06 56 50.5							
15	ASC	EP	06 56 50.6							
.....										
15	7 33	14.20	50.05 N 179.71 W	DEPTH = 20.0 KM		SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
15	ASD	IP	07 33 39.7	12.5	.2	3.57	162	155	-.3	
		ES	07 33 59.9						1.1	
15	ASB	EP	07 33 39.7				163	153	-.5	
		ES	07 33 59.9						-.2	
15	ASC	IP	07 33 41.0				176	153	-1.1	
		ES	07 34 1.1						-1.4	
15	ANB	EP	07 33 44.1				203	148	-1.3	
		E(S)	07 34 6.1						-2.0	
.....										
15	7 33	51.10	50.05 N 179.71 W	DEPTH = 20.0 KM		SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
15	ASB	IP	07 34 16.6	20.9	.2	3.91	163	153	-.5	
		ES	07 34 36.2						.2	
15	ASD	EP	07 34 16.3	11.3	.2	3.53	162	155	-.1	
15	ASC	EP	07 34 18.3				176	153	-.7	

MAR 1970	STA	PHASE	TIME (GNT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
15	ANB	ES IP	07 34 38.6 07 34 21.4				203	148	-0.8 -0.9	
15	ASD	EP	07 58 23.5	3.2	.2					
15	ASC	EPG ES	07 58 26.4 07 58 37.3							
15	ADK	IP ES	08 00 4.5 08 00 14.5							
15	3 56	25.90	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS					SOLUTION BY INSPECTI		
15	ASB	EP ES	08 56 51.4 08 57 10.7				163	153	-0.5 -0.1	
15	ASD	EP ES	08 56 51.8 08 57 10.7	1.7	.2	2.70	162	155	.1 .2	
15	ASD	EP E(S)	10 15 39.9 10 15 50.9	3.2	.2					
15	ASB	EP	10 15 40.6							
15	ASC	EP	10 15 42.8							
15	10 28	2.40	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS					SOLUTION BY INSPECTI		
15	ASB	IP ES	10 28 27.9 10 28 46.4	10.0	.2	3.49	163	153	-0.5 -0.9	
15	ASD	IP	10 28 29.1	6.4	.2	3.28	162	155	-0.1	
15	ASC	EP	10 28 29.9				176	153	-0.4	
15	11 53	7.20	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS					SOLUTION BY INSPECTI		
15	ASD	IP C E(S)	11 53 32.7 11 53 50.4	10.2	.2	3.48	162	155	-0.3 -1.4	
15	ASB	EP	11 53 32.8	7.7	.2	3.37	163	153	-0.4	
15	12 58	24.90	62.75 N 150.84 W DEPTH = 100.0 KM MB = 4.0 CENTRAL ALASKA					TELESEISMIC SOLUTION		
15	ADK	EP	13 02 26.9				1947	42		
15	ANA	EP	14 12 27.2							
15	ANB	EP	14 12 27.9							
15	ASD	EP	14 12 34.9	2.7	.2					
15	ASB	EP	14 12 35.0							
15	14 39	6.90	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS					SOLUTION BY INSPECTI		
15	ASB	EP ES	14 39 32.4 14 39 52.0	3.8	.2	3.07	163	153	-0.5 .2	
15	ASD	EP ES	14 39 32.7 14 39 51.7	3.2	.2	2.98	162	155	-0.0 .2	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
15	15 20	56.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
15	ASB	IP	15 21 21.7	15.4	.2	3.68	163	153	-.5	
		IS	15 21 40.3						-.9	
15	ASD	IP	15 21 22.1	27.0	.2	3.91	162	155	.1	
		IS	15 21 40.7						-.1	
15	ASC	IP	15 21 23.6				176	153	-.5	
		IS	15 21 43.4						-1.1	
15	ANA	EP	15 21 27.4				210	146	-.9	WEAK
15	ANB	EP	15 21 28.1				203	148	.7	WEAK
.....										
15	15 35	21.23	51.56 N 179.80 E	DEPTH = 53.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
15	ASD	IPGC	15 35 31.0	38.4	.2		37	58	-.1	
		IS	15 35 39.3						.0	
15	ASB	EPG	15 35 31.6	40.0	.2		44	60	-.1	
		ES	15 35 39.3						.0	
15	ASC	IPG	15 35 31.9				45	76	.1	
		IS	15 35 39.7						.2	
15	ANB	IPG	15 35 34.2				70	94	-.2	
		IS	15 35 43.8						-.2	
15	ANA	EP	15 35 35.8				79	95	.3	
		ES	15 35 45.9						.0	
.....										
15	19 50	3.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
15	ASB	IP	19 50 28.7	40.0	.2	4.09	163	153	-.5	
		IS	19 50 47.1						-1.0	
15	ASD	IP C	19 50 28.3	14.6	.2	3.64	162	155	-.1	
15	ASC	IP	19 50 30.5				176	153	-.6	
		ES	19 50 50.1						-1.4	
15	ANB	EP	19 50 33.2				203	143	-1.2	
.....										
15	20 48	54.60	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
15	ASD	IP	20 49 20.1	7.6	.2	3.35	162	155	-.3	
		ES	20 49 39.4						.2	
15	ASB	IP C	20 49 20.1	5.4	.2	3.22	163	153	-.5	
		ES	20 49 38.4						-1.1	
15	ASC	IP	20 49 21.5				176	153	-1.0	
.....										
15	ASD	EP	21 05 29.8	7.0	.2					
15	ASB	EP	21 05 30.3	12.3	.2					
15	ASC	EP	21 05 32.1							
		ES	21 05 51.7							
15	ANB	EP	21 05 35.4							
15	ANA	EP	21 05 36.9							
.....										
15	21 57	33.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
15	ASD	IP	21 58 4.3	18.3	.2	3.74	162	155	-.3	
		IS	21 58 22.7						-.7	
15	ASB	IP	21 58 4.6	21.6	.2	3.82	163	153	-.2	
		IS	21 58 23.2						-.5	
15	ASC	IP	21 58 6.8				176	153	.1	

NAR 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
15	ANB	IS	21 53 25.9						-1.2	
15	ANB	EP	21 58 9.3				203	148	-0.7	
15	ANB	ES	21 58 31.2						-1.5	
15	ANA	EP	21 58 10.7				210	146	-0.2	
15	ANA	ES	21 58 34.4						.1	
15	23 4	51.90	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
15	ASD	EP	23 05 17.4	3.2	.2	2.99	162	155	-0.3	
15	ASB	EP	23 05 17.4				163	153	-0.5	
15	ASB	ES	23 05 35.9						-0.9	
15	23 45	12.20	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
15	ASD	IP	23 45 37.7	5.9	.2	3.24	162	155	-0.3	
15	ASD	ES	23 45 56.4						-0.4	
15	ASB	EP	23 45 37.9	3.1	.2	2.93	163	153	-0.3	
15	ASB	ES	23 45 56.6						-0.5	
15	ASC	EP	23 45 39.6				176	153	-0.5	
16	ADK	EP	01 22 24.8							
16	ADK	ES	01 22 34.2							
16	ASD	EP	01 31 33.3	2.1	.2					
16	ASB	EP	01 31 34.2	1.5	.2					
16	ASC	EP	01 31 35.0							
16	ASC	E(S)	01 31 51.4							
16	1 50	17.50	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
16	ASD	EP	01 50 43.0	2.1	.2	2.80	162	155	-0.3	
16	ASB	EP	01 50 43.0				163	153	-0.5	
16	ASB	ES	01 51 1.7						-0.7	
16	3 50	21.30	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
16	ASD	IP	03 50 47.3	2.1	.2	2.80	162	155	-0.3	
16	ASD	ES	03 51 5.3						-1.1	
16	ASB	EP	03 50 47.4	3.1	.2	2.98	163	153	-0.4	
16	ASB	ES	03 51 5.2						-1.5	
16	3 51	42.20	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
16	ASB	EP	03 52 7.7	3.5	.2	3.42	163	153	-0.5	
16	ASB	ES	03 52 27.0						-0.1	
16	ASD	EP	03 52 9.0	4.9	.2	3.17	162	155	-0.0	
16	ASC	EP	03 52 9.7				176	153	-0.4	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
16	4 38	55.92	51.61 N 178.21 E	DEPTH = 65.5 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	ANA	IPG	04 39 6.6				31	267	.0	
		ES	04 39 14.5						.2	
16	ANB	EPG	04 39 7.0				40	271	-.2	
		ES	04 39 15.2						-.2	
16	ASC	EPG	04 39 9.9				68	284	.3	
16	ASB	EPG	04 39 10.5	3.8	.2		77	291	-.1	
16	ASD	EPG	04 39 11.2	3.2	.2		83	299	-.0	
.....										
16	ASD	EP	04 45 19.0	3.8	.2					
16	ASB	EP	04 45 19.4							
.....										
16	5 16	58.00	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
16	ASD	EP	05 17 23.5	1.7	.2	2.70	162	155	-.3	
		ES	05 17 49.0						6.4	
16	ASB	EP	05 17 24.0				163	153	.0	
		IS	05 17 49.2						6.3	
16	ASC	EP	05 17 25.8				176	153	-.1	
.....										
16	ANA	IPG	06 25 37.3							
		ES	06 25 46.4							
16	ASD	EPG	06 25 41.8	1.1	.2					
		IS	06 25 54.2							
16	ASB	EPG	06 25 41.9							
		ES	06 25 53.3							
16	ASD	EP	07 11 48.5	2.1	.2					
		ES	07 12 4.7							
16	ASB	IP	07 11 49.5	7.7	.2					
		ES	07 12 5.0							
16	ASC	EP	07 11 50.9							
		ES	07 12 7.3							
.....										
16	7 18	28.30	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
16	ANA	IP	07 18 54.3				210	146	-6.6	
16	ANB	IP	07 18 54.5				203	148	-5.5	
16	ASC	EP	07 18 56.7				176	153	-.0	
16	ASB	IP	07 18 57.0	7.7	.2	3.37	163	153	2.2	
		ES	07 19 14.0						.3	
16	ASD	IP	07 18 57.2	10.2	.2	3.48	162	155	2.6	
		ES	07 19 14.1						.7	
.....										
16	ANA	EP	08 14 21.5							
16	ASD	EP	08 14 25.4	.6	.2					
16	ASB	IPG	08 14 25.6	7.7	.2					WEAK
		ES	08 14 37.5							
16	ANB	EP	08 14 26.7							
.....										
16	9 50	52.23	51.83 N 179.01 E	DEPTH = 50.0 KM						FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	ANB	EPG	09 51 1.0				30	30	-.2	
		ES	09 51 7.7						.0	
16	ANA	IP	09 51 1.5				33	46	.0	
		E(S)	09 51 8.4						.2	
16	ASC	EP	09 51 2.5				43	346	.2	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	ASB	EP	09 51 2.8				55	342	-.8	
16	ASD	EP	09 51 4.3	1.7	.2	.99	56	336	.6	
.....										
16	10 14 38.50		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
16	ASD	EP	10 15 4.0	3.2	.2	2.98	162	155	-.3	
		ES	10 15 22.3						-.9	
16	ASB	EP	10 15 4.0				163	153	-.5	
		ES	10 15 22.4						-1.0	
.....										
16	12 31 59.32		51.40 N 178.68 E	DEPTH = 62.1 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	ANB	IPG	12 32 9.1				24	199	-.1	
16	ANA	IP	12 32 9.3				25	177	.1	
		ES	12 32 16.5						.0	
16	ASC	IP	12 32 9.9				34	259	.0	
16	ASB	IP C	12 32 10.2				40	277	-.0	
16	ASD	IP C	12 32 10.9	256.9	.2		46	274	.1	
.....										
16	13 4 45.20		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
16	ASD	IP	13 05 10.7	10.8	.2	3.51	162	155	-.3	
		IS	13 05 29.2						-.6	
16	ASB	IP	13 05 10.7	10.9	.2	3.52	163	153	-.5	
		IS	13 05 29.2						-.9	
16	ASC	IP	13 05 12.4				176	153	-.7	
		IS	13 05 32.4						-1.1	
16	ANB	EP	13 05 15.3				203	149	-1.1	
		ES	13 05 37.5						-1.6	
16	ANA	EP	13 05 16.5				210	146	-.3	
.....										
16	13 59 55.00		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
16	ASB	EP	14 00 21.5				163	153	.5	
		ES	14 00 39.5						-.4	
16	ASD	EP	14 00 21.7	4.3	.2	3.11	162	155	.9	
		ES	14 00 39.8						.2	
.....										
16	14 15 1.22		51.55 N 179.89 E	DEPTH = 54.6 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	ASD	IPG	14 15 11.7	14.6	.2		42	63	.1	
16	ASB	IPG	14 15 12.2	13.1	.2		49	65	-.1	
		IS	14 15 20.3						-.0	
16	ASC	IPG	14 15 12.6				51	79	.1	
16	ANB	EPG	14 15 15.0				76	94	-.2	
		ES	14 15 25.2						-.2	
16	ANA	EPG	14 15 16.4				86	96	.1	
		ES	14 15 27.5						.2	
.....										

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
16	15 45	58.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
16	ASB	EP	15 46 23.9	5.4	.2	3.22	163	153	-.5	
		ES	15 46 42.3						-.9	
16	ASD	EP	15 46 24.0	5.5	.2	3.21	162	155	-.1	
		ES	15 46 42.5						-.4	
16	ASC	EP	15 46 25.3				176	153	-.9	WEAK
.....										
16	17 42	21.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
16	ASD	EP	17 42 46.7	5.5	.2	3.21	162	155	-.3	
		ES	17 43 5.3						-.5	
16	ASB	EP	17 42 46.7				163	153	-.5	
		E(S)	17 43 5.0						-1.1	
.....										
16	ASB	IPG	18 01 38.0	11.5	.2					
		IS	18 01 42.7							
16	ASD	IPG	18 01 38.3	3.8	.2					
		IS	18 01 43.7							
16	ASB	IPG	18 04 53.5	16.2	.2					
		IS	18 05 3.3							
16	ASD	IPG	18 04 53.3	4.9	.2					
		IS	18 05 4.2							
.....										
17	1 3	57.50	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
17	ASD	IP	01 04 23.0	39.9	.2	4.09	162	155	-.3	
		IS	01 04 41.5						-.6	
17	ASB	IP	01 04 23.0	55.4	.2	4.23	163	153	-.5	
		IS	01 04 41.0						-1.4	
17	ASC	EP	01 04 24.8				176	153	-.6	
		IS	01 04 44.4						-1.4	
17	ANA	EP	01 04 28.8				210	146	-.3	
		ES	01 04 51.7						-1.3	
17	ADK	EP	01 04 43.9				300	228	3.2	
		ES	01 05 16.1						3.9	
.....										
17	1 17	47.70	26.27 S 177.07 W	DEPTH = 95.0 KM			MB = 4.9		TELESEISMIC SOLUTION	
SOUTH OF FIJI IS										
17	ADK	IP C	01 29 35.3				8652	180		
.....										
17	ADK	EP	01 48 46.3							
		IS	01 49 6.7							
17	ASD	EP	01 49 16.8	30.2	.2					
		E(S)	01 50 0.0							
17	ASB	EP	01 49 17.3	55.4	.2					
		E(S)	01 50 1.0							
17	ASC	EP	01 49 18.0							
17	ANA	EP	01 49 21.5							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
17	4	23	43.86	51.41 N	177.61 E	DEPTH = 50.0 KM	FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	ANA	EPG	04 23 57.7				76	252	.0	
		ES	04 24 7.3						-.4	
17	ASC	EPG	04 24 1.0				107	263	-.4	
		ES	04 24 14.0						-.3	
17	ASB	EPG	04 24 1.9	9.2	.2	2.87	114	273	-.3	
		ES	04 24 15.2						-.4	
17	ASD	EPG	04 24 2.3	6.4	.2	2.80	120	272	-.2	
		ES	04 24 16.6						-.4	
.....										
17	5	1	36.50	50.05 N	179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
17	ASD	IP	05 02 2.0	57.1	.2	4.23	162	155	-.3	
		IS	05 02 20.1						-1.0	
17	ASB	EP	05 02 2.0	28.5	.2	3.94	163	153	-.5	
		IS	05 02 19.9						-1.5	
17	ASC	IP	05 02 3.5				176	153	-.9	
		ES	05 02 22.8						-2.0	
17	ANA	EP	05 02 7.7				210	146	-.9	
		ES	05 02 31.2						-.8	
.....										
17	6	37	57.80	50.05 N	179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
17	ASD	EP	06 38 23.3	6.4	.2	3.28	162	155	-.3	
		ES	06 38 41.5						-.9	
17	ASB	EP	06 38 23.7				163	153	-.1	
.....										
17	7	3	25.50	50.05 N	179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
17	ASB	EP	07 03 51.0	13.1	.2	3.60	163	153	-.5	
		ES	07 04 10.6						.2	
17	ASD	EP	07 03 51.3	14.0	.2	3.62	162	155	-.0	
		ES	07 04 11.3						1.2	
17	ASC	EP	07 03 53.0				176	153	-.4	NOISY
		E(S)	07 04 12.0						-1.8	
.....										
17	7	19	23.90	50.05 N	179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
17	ASD	EP	07 19 54.4	19.5	.2	3.76	162	155	-.3	
		ES	07 20 13.6						.1	
17	ASB	IP	07 19 54.7				163	153	-.2	
		ES	07 20 14.0						.2	
17	ASC	EP	07 19 55.9				176	153	-1.0	
.....										
17	7	22	33.97	51.69 N	179.54 E	DEPTH = 90.3 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	ASD	IPG	07 22 47.4	43.1	.2		37	22	-.2	
		IS	07 22 57.4						-.1	
17	ASC	EPG	07 22 47.7				36	47	.2	
		ES	07 22 57.8						.3	
17	ASB	IPG	07 22 47.8	104.7	.2		41	30	-.0	P SPIKE

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		IS	07 22 58.0						.0	
17	ANB	IPG	07 22 48.4				53	80	-.1	
		IS	07 22 59.0						-.2	
17	ANA	IPG	07 22 49.3				62	84	.1	
.....										
17	9 36 55.20	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
17	ASB	EP	09 37 20.7	9.2	.2	3.45	163	153	-.5	
		ES	09 37 39.1						-1.0	
17	ASD	IP	09 37 20.9	18.3	.2	3.74	162	155	-.1	
		ES	09 37 39.8						.0	
17	ASC	EP	09 37 22.6				176	153	-.5	
.....										
17	ASC	EPG	12 08 58.8							
		ES	12 09 4.0							
17	ASD	IPG	12 08 59.4	6.4	.2					
		IS	12 09 5.0							
.....										
17	14 24 16.20	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
17	ASD	IP	14 24 41.7	26.9	.2	3.90	162	155	-.3	
		ES	14 24 59.6						-1.2	
17	ASB	IP	14 24 41.7	44.5	.2	4.14	163	153	-.5	
		ES	14 25 .5						-.6	
17	ASC	IP	14 24 43.3				176	153	-.8	
		ES	14 25 2.7						-1.8	
.....										
17	18 35 38.18	51.07 N 179.94 E DEPTH = 25.0 KM						FIXED DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
17	ASD	IPG	18 35 47.9	6.4	.2	1.53	54	129	-.1	
		ES	18 35 55.5						.5	
17	ASB	IPG	18 35 48.5	10.8	.2	1.87	53	124	-.0	
		ES	18 35 56.5						.4	
17	ASC	EP	18 35 51.1				70	129	.9	NOISY
.....										
17	ASD	EPG	19 26 .6	19.5	.2					
		E(S)	19 26 14.0							
17	ASB	EPG	19 26 1.5	12.3	.2					
		ES	19 26 18.5							
17	ASC	EP	19 26 4.0							
17	ANA	EP	19 26 9.2							
.....										
17	20 55 53.20	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
17	ASB	EP	20 56 23.7	4.6	.2	3.15	163	153	-.5	
		E(S)	20 56 42.8						-.3	
17	ASD	EP	20 56 24.0	5.3	.2	3.20	162	155	-.0	
		ES	20 56 42.7						-.1	
.....										
17	21 17 44.50	50.05 N 179.71 W DEPTH = 20.0 KM						SOLUTION BY INSPECTI		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
17	ASB	EP	21 18 10.0				163	153	-.5	
		ES	21 18 29.0						-.4	
17	ASD	EP	21 18 10.2	3.2	.2	2.99	162	155	-.1	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	21 18 28.1						-1.0	
17	21 36 51.40		50.00 N 179.79 W			DEPTH = 20.0 KM			MB = 4.3	TELESEISMIC SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
17	ASB	IP	21 37 17.2	96.8	.2	4.50	166	155	-.5	
		IS	21 37 37.0						.1	
17	ASD	IP	21 37 17.3	109.6	.2	4.54	165	158	-.3	
		IS	21 37 36.5						-.2	
17	ASC	IP	21 37 19.0				179	155	-.6	
		IS	21 37 40.0						-.2	
17	ANA	IP	21 37 23.1				211	149	-.6	
		IS	21 37 46.2						-1.0	
17	ADK	EP	21 37 35.2				308	228	-.3	
		ES	21 38 5.7						-2.1	
17	ASD	EP	21 49 33.4							
		EP	21 49 34.2	24.8	.2					
		ES	21 49 49.2							
17	ASB	IP	21 49 34.2							
		EP	21 49 35.9							
17	ASC	IP	21 49 36.0							
		IP	21 49 36.5							
17	ANA	EP	21 49 41.5							
		IP	21 49 43.6							
17	ADK	IP	21 49 44.7							
		ES	21 50 6.3							
17	22 0 12.40		59.20 N 147.90 W			DEPTH = 47.0 KM			MB = 5.1	MS = 4.8 TELESEISMIC SOLUTION
			GULF OF ALASKA							
17	ADK	EP	22 04 16.6				1969	54		
		E	22 04 21.4							
		EL	22 09 30.0							
17	ASB	EP	22 04 44.5				2237	54		
17	ASD	EP	22 04 45.5	11.3	.3		2230	54		
17	22 35 2.18		51.30 N 178.31 E			DEPTH = 52.7 KM				FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
17	ANA	IP	22 35 12.7				44	213	.1	WHITEOUT
17	ANB	IP	22 35 12.8				48	224	-.2	
17	ASC	EP	22 35 14.5				62	253	.1	WHITEOUT
17	ASB	IP D	22 35 14.8				65	264	-.0	WHITEOUT
17	ASD	IPGD	22 35 15.6	273.3	.2		72	263	-.0	
		ES	22 35 25.4						.0	
17	ANA	EP	22 53 17.7							
		E(S)	22 53 21.2							
		E	22 53 44.4							
17	ASD	EP	22 53 25.0	9.7	.2					
17	ASB	EP	22 53 25.1	12.3	.2					
18	5 35 6.80		50.05 N 179.71 W			DEPTH = 20.0 KM				SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
18	ASD	EP	05 35 32.3	9.7	.2	3.46	162	155	-.3	
		E(S)	05 35 51.0						-.4	
18	ASB	EP	05 35 32.6	6.1	.2	3.27	163	153	-.2	
		ES	05 35 51.7						-.0	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
18	ASD	EP	05 56 49.4	16.1	.2					
		ES	05 57 2.6							
18	ASB	EP	05 56 49.6	7.7	.2					
19	ANB	EP	05 56 55.6							
18	ANA	EP	05 56 57.7							
18	ASD	EP	08 24 53.4	12.9	.2					
19	ASB	EP	08 24 53.9	15.4	.2					
18	ANB	EP	08 24 55.3							
13	ANA	EP	08 24 56.0							
18	ASB	EPG	12 32 9.4	10.9	.2					
		ES	12 32 14.8							
18	ASD	EPG	12 32 10.1	3.2	.2					
		ES	12 32 16.1							

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18	15 13 .77	51.57 N 179.49 W	DEPTH = 75.0 KM	FIXED DEPTH SOLUTION					
DELAROF ISLANDS, ALEUTIAN ISLANDS									
19	ASD	IPGC	15 13 16.6	136.6	.2		94	75	-.2
		IS	15 13 28.3						-.2
13	ASB	IPGC	15 13 17.4	178.2	.2		91	75	-.1
		IS	15 13 29.4						-.3
19	ASC	IPGC	15 13 17.9				94	82	-.1
		IS	15 13 30.3						-.1
13	ANB	IPG	15 13 20.3				119	91	-.3
		IS	15 13 34.5						-.6
18	ANA	EPG	15 13 21.6				129	92	-.1
		ES	15 13 36.9						-.0

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18	ASD	IPG	15 58 55.3	16.1	.2				
		ES	15 59 .9						
18	ASB	EPG	15 58 56.7	20.0	.2				
		ES	15 59 1.6						
18	ASB	IPG	20 14 17.7	9.2	.2				
		ES	20 14 25.4						
18	ASD	EPG	20 14 18.6	12.9	.2				
		ES	20 14 26.1						

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18	22 4 32.00	50.05 N 179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI					
DELAROF ISLANDS, ALEUTIAN ISLANDS									
18	ASD	EP	22 04 57.5	10.8	.2	3.51	162	155	-.3
		ES	22 05 15.5						-1.1
18	ASB	EP	22 04 57.9	10.8	.2	3.52	163	153	-.1
		ES	22 05 15.4						-1.5

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18	23 17 57.40	10.98 N 86.01 W	DEPTH = 56.0 KM	MB = 4.9	TELESEISMIC SOLUTION				
COAST OF NICARAGUA									
19	ADK	IP	23 30 12.9			9096	83		

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19	2 0 56.10	51.46 N 169.22 W	DEPTH = 55.0 KM	MB = 4.0	TELESEISMIC SOLUTION				
FOX ISLANDS, ALEUTIAN ISLANDS									
19	ADK	EP	02 02 5.2			507	87		
		ES	02 02 57.9						
		EL	02 03 11.0						
19	ASD	IPG	02 02 39.3	46.3	.2		794	32	
		E	02 01 41.3						
19	ASB	IPG	02 02 40.7	87.6	.2		801	91	

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MAR 1970	STA	PHASE	TIME (GNT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		E	02 01 42.7							
19	ASC	IP	02 02 41.5				905	92		
		E	02 01 43.5							
19	ANA	EP	02 02 45.7				837	83		
.....										
19	6	8	55.60	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS,	ALEUTIAN ISLANDS					
19	ASD	IP	06 09 21.1	6.4	.2	3.29	162	155	-.3	
		IS	06 09 40.0						-.2	
19	ASB	EP	06 09 21.1	10.3	.2	3.52	163	153	-.5	
		ES	06 09 39.8						-.7	
.....										
19	9	5	37.05	52.26 N	179.52 E	DEPTH = 125.0 KM				FIXED DEPTH SOLUTION
				RAT ISLANDS,	ALEUTIAN ISLANDS					
19	ANA	EP	09 05 56.5				71	352	.0	
		ES	09 06 10.5						-.2	
19	ASC	EP	09 05 58.6				99	334	.0	
19	ASD	IP	09 05 59.5	33.0	.2		113	330	-.3	
		IS	09 06 16.0						-.4	
19	ASB	EP	09 05 59.6				112	333	-.1	
		ES	09 06 16.3						.1	
.....										
19	ANA	EP	13 07 18.0							
19	ASC	EP	13 07 23.5							
		ES	13 07 46.5							
19	ASB	EP	13 07 25.5							
		IS	13 07 49.0							
19	ASD	EP	13 07 25.6	34.3	.2					
		IS	13 07 48.9							
.....										
19	15	20	54.00	50.02 N	179.66 W	DEPTH = 11.0 KM MB = 5.4				TELESEISMIC SOLUTION
				DELAROF ISLANDS,	ALEUTIAN ISLANDS					
19	ASD	IP C	15 21 21.6	435.5	.2	5.16	167	155	1.0	
		ES	15 21 39.8						-.2	
19	ASB	IP	15 21 21.5	477.0	.2	5.21	163	152	.7	
		ES	15 21 40.1						-.2	
19	ASC	IP	15 21 23.0				191	152	.3	
		E(S)	15 21 41.8						-1.9	
19	ANB	EP	15 21 26.1				208	148	-.5	
19	ANA	EP	15 21 27.3				215	146	-.2	
19	ADK	IP C	15 21 37.7				299	227	-.3	
		IS	15 22 6.9						-3.2	
.....										
19	ADK	IP	19 08 48.8							
		IS	19 09 1.1							
.....										
19	19	27	50.10	50.91 N	179.60 W	DEPTH = 29.0 KM				FREE DEPTH SOLUTION
				DELAROF ISLANDS,	ALEUTIAN ISLANDS					
19	ASD	IPG	19 28 5.5	180.2	.2	3.79	90	125	.2	
		ES	19 28 16.6						.2	
19	ASB	IPG	19 28 6.1	146.8	.2	3.78	95	121	.1	
		ES	19 28 16.9						-.6	
19	ASC	EP	19 28 7.6				106	125	-.0	
19	ANB	EP	19 28 12.3				136	124	.2	
19	ANA	EP	19 28 13.0				145	123	-.4	
19	ADK	EP	19 28 24.3				236	244	-.3	
		ES	19 28 50.0						.2	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS	
19	23 33	29.20	51.30 N 173.77 E	DEPTH = 16.0 KM		MB = 5.9	MS = 6.2		TELESEISMIC SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS								
19	ANA	IP	23 34 18.9				341	266	1.1	CLIPPED	
19	ANB	EPN	23 34 19.0				349	266	.1	CLIPPED	
		EP	23 34 20.3								
19	ASC	IP	23 34 22.5				374	269	.5		
19	ASB	EPN	23 34 22.8				381	271	.1		
		EP	23 34 23.5								
19	ASD	EPN	23 34 23.6				387	271	.1		
		EP	23 34 27.0	4431.0	.2						
		E(S)	23 35 5.2						2.0		
19	ADK	IP C	23 34 58.2				670	268	-.2		
		IS	23 36 4.6						-59.0		
20	0 25	17.00	51.18 N 173.71 E	DEPTH = 11.0 KM		MB = 4.7			TELESEISMIC SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS								
20	ANA	EP	00 26 7.8				347	264	1.0		
20	ANB	EP	00 26 8.7				356	264	.8		
		ES	00 26 43.3						-1.8		
20	ASB	EP	00 26 11.8	61.2	.2		386	269	.1		
		IS	00 26 43.6						-2.9		
20	ASC	EP	00 26 11.9				380	267	1.0		
20	ASD	EP	00 26 12.7	59.9	.2		393	269	.2		
		ES	00 26 50.0						-2.9		
20	ADK	EP	00 26 47.3				676	267	-.2		
		ES	00 27 52.2						-61.4		
20	ASD	EPG	10 08 54.1	6.4	.2						
		E(S)	10 09 4.5								
20	ANB	EP	10 08 56.0								
20	11 7	35.60	5.00 N 125.22 E	DEPTH = 65.0 KM		MB = 5.7			TELESEISMIC SOLUTION		
			MINDANAO, PHILIPPINE								
20	ANB	EP	11 18 5.1				7129	243			
20	ANA	EP	11 18 5.2				7122	243			
20	ASD	EP	11 18 6.4	23.7	.4		7152	244			
20	ASC	EP	11 18 6.5				7145	243			
20	ASB	EP	11 18 6.6				7145	244			
20	ADK	IP C	11 18 21.7				7432	247			
20	ASD	IPG	12 02 51.0	18.3	.2						
		IS	12 03 1.3								
20	ASB	IP	12 02 51.0	21.5	.2						
20	ANA	EP	12 02 52.4								
20	ASD	EPG	14 27 49.1	6.4	.2						
		ES	14 28 4.5								
20	ASB	EPG	14 27 50.2	12.3	.2						
		ES	14 28 5.4								
20	ANB	EPG	14 27 53.8								
		E(S)	14 28 10.8								
20	21 1	33.53	51.23 N 173.76 E	DEPTH = 46.5 KM					FREE DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS								
20	ASB	EPG	21 01 47.6	3.1	.2	.51	35	256	-.0		
		ES	21 01 54.3						.0		
20	ANB	EP	21 01 47.7				36	184	.0		
		ES	21 01 54.3						-.0		

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	ASD	IPG IS	21 01 48.3 21 01 55.4	8.7	.2	1.24	42	256	.0 -.0	
20	ANB	IP ES	22 51 47.6 22 51 53.0							
20	ASD	IP	22 51 49.5	10.8	.2					
21	ASD	E(P) EL	00 47 34.9 00 48 15.3	3.2	.3					
21	ANA	EP	01 44 37.6							
21	ANB	EP	01 44 39.0							
21	ASD	EP ES	01 44 44.9 01 45 21.0	3.9	.2					
21	ANB	EP ES	03 49 5.6 03 49 41.8							
21	ANA	EP	03 49 5.6							
21	ASD	EP	03 49 9.5	6.4	.2					
21	ASD	EPG E(S)	05 36 30.0 05 36 39.3	5.3	.2					
21	ASC	EPG E(S)	05 36 30.1 05 36 39.0							
21	ANB	EP ES	05 49 6.4 05 49 42.8							
21	ASB	EP	05 49 10.1							
21	ASD	EP	05 49 12.1	2.1	.2					
21	ASB	EP E(S)	06 01 .4 06 01 7.8							
21	ASD	EPG E(S)	06 01 1.0 06 01 8.8	4.3	.2					
21	6 24 23.00 50.05 N 179.71 W DEPTH = 20.0 KM SOLUTION BY INSPECTI DELAROF ISLANDS, ALEUTIAN ISLANDS									
21	ASB	IP IS	06 24 49.5 06 25 7.0	49.0	.2	4.18	163	153	-.5 -.9	
21	ASD	IP	06 24 48.6	47.5	.2	4.15	162	155	-.2	
21	ASC	IP ES	06 24 50.4 06 25 9.6				176	153	-.5 -1.7	
21	ANB	IP IS	06 24 53.1 06 25 14.8				203	148	-1.1 -2.1	
21	ANA	IP	06 24 54.5				210	146	-.6	
21	ASD	IPG IS	09 48 23.7 09 48 30.8	5.9	.2					
21	ASB	EP IS	09 48 24.5 09 48 32.3	7.7	.2					
21	10 9 55.40 24.05 N 142.70 E DEPTH = 33.0 KM MB = 5.4 TELESEISMIC SOLUTION VOLCANO IS REGION									
21	ADK	E(P)	10 17 42.3				4629	244		
21	ASD	EP	12 12 8.1	18.3	.2					
21	ASB	EP	12 12 8.3							
21	ASC	EP E	12 12 8.8 12 12 11.8							
21	ANB	EP	12 12 10.5							
21	ANA	EP	12 12 13.6							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
21	ADK	EP	12 41 35.7							
		ES	12 42 25.1							
21	ADK	EP	15 06 37.6							
		ES	15 06 43.1							
21	ASD	IP	17 03 59.1	20.6	.2					
		ES	17 04 6.3							
21	ASB	EP	17 04 0.0	12.3	.2					
21	ASC	IP	17 04 1.5							
21	ANB	EP	19 56 43.5							
21	ANA	EP	19 56 44.2							
21	ASD	EP	19 56 50.3	3.2	.2					
		ES	19 56 16.6							
21	ASD	EP	20 34 .8	64.0	.3					
		ES	20 34 15.3							
21	ASB	EP	20 34 1.3							
21	ADK	EP	20 34 15.5							
		ES	20 34 38.8							
21	ANA	EP	21 36 28.7							
		ES	21 37 4.6							
21	ANB	EP	21 36 29.5							
21	ASD	EP	21 36 34.6	5.7	.3					
		IL	21 37 7.0							
21	ASD	IP	23 24 33.5	10.2	.2					
		E(S)	23 25 2.3							
21	ASB	EP	23 24 34.1	10.8	.2					
21	ASC	EP	23 24 34.7							

22	3 57 48.30	50.05 N 179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI						
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
22	ASB	EP	03 58 13.8	39.9	.2	4.09	163	153	-0.5	
		ES	03 58 32.6						-0.6	
22	ASD	IP C	03 58 13.9	23.8	.2	3.85	162	155	-0.2	
		ES	03 58 31.6						-1.3	
22	ASC	IP	03 58 15.4				176	153	-0.9	
		IS	03 58 35.2						-1.4	
22	ANB	EP	03 58 18.5				203	148	-1.0	
22	ANA	EP	03 58 19.8				210	146	-0.6	

22	ANA	IP	05 03 51.3							
		IS	05 09 5.8							
22	ANB	IP	05 08 51.4							
		ES	05 09 6.3							
22	ASC	EP	05 08 54.0							
		ES	05 09 11.0							
22	ASB	EP	05 08 54.5	13.8	.2					
		ES	05 09 11.7							
22	ASD	IP	05 08 54.7	16.2	.2					
		ES	05 09 12.5							
22	ANA	EP	05 50 4.7							
		ES	05 50 39.7							
22	ANB	EP	05 50 4.7							
		E(S)	05 50 39.4							
22	ASD	EP	05 50 10.4	2.7	.2					
		E(S)	05 50 47.9							
22	ASD	EP	07 15 10.0	2.1	.2					
		ES	07 15 35.7							
22	ANA	IP	07 15 10.5							
22	ANB	EP	07 15 10.5							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		E(S)	07 15 23.9							
22	ANB	EP	08 29 42.3							NOISY
22	ANA	EP	08 29 44.7							EMERGENT
22	ASC	EP	08 29 49.5							
22	ASD	EP	08 29 51.2	5.7	.3					
22	ASB	EP	08 47 53.9							
22	ASD	EPG	08 47 55.2	1.7	.2					
		ES	08 48 3.2							

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22	9 22 28.17	51.43 N 173.33 E	DEPTH = 40.6 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ANB	IPG	09 22 35.3				20	172	-.1	
		ES	09 22 40.6						-.1	
22	ASC	IPG	09 22 35.8				23	261	.1	
22	ANA	IPG	09 22 35.9				25	152	.1	
22	ASB	IPG	09 22 36.2	46.1	.2	1.43	30	285	-.1	
		ES	09 22 42.2						.0	
22	ASD	IPG	09 22 36.8	51.8	.2	1.78	36	279	-.1	

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22	9 26 14.30	50.05 N 179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI						
DELAROF ISLANDS, ALEUTIAN ISLANDS										
22	ASD	IP	09 26 39.8	7.6	.2	3.35	162	155	-.3	
		ES	09 26 57.1						-1.5	
22	ASB	EP	09 26 39.8	3.1	.2	2.98	163	153	-.5	
		ES	09 26 57.7						-1.5	

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22	12 30 34.52	51.35 N 173.73 E	DEPTH = 35.8 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ANB	IPG	12 30 41.7				29	188	-.2	
22	ANA	IP	12 30 42.2				32	171	-.0	
22	ASC	EPG	12 30 42.7				32	247	.4	
		ES	12 30 48.4						.4	
22	ASB	IPG	12 30 42.8	18.4	.2	1.33	36	268	.1	
		IS	12 30 48.7						.0	
22	ASD	IPG	12 30 43.4	14.0	.2	1.43	43	266	-.1	
		ES	12 30 49.4						-.6	

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22	14 49 56.18	51.15 N 179.52 E	DEPTH = 50.0 KM	FIXED DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ASB	IPG	14 50 4.9				30	140	-.3	
22	ASD	IPG	14 50 5.2	18.9	.2	.33	28	153	.2	
		IS	14 50 11.7						.3	
22	ASC	EPG	14 50 6.1				43	143	-.2	
		ES	14 50 13.4						-.2	
22	ANB	EP	14 50 9.3				72	134	-.1	
22	ANA	EP	14 50 10.8				90	131	.4	

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22	ANB	EP	15 39 2.0							
		ES	15 39 22.0							
22	ASD	EP	15 39 2.4	2.1	.2					
		ES	15 39 21.7							
22	ASD	IPG	17 45 16.3	27.0	.2					
		ES	17 45 29.0							
22	ASB	IPG	17 45 17.2	46.1	.2					

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	17 45 30.0							
22	ANB	EP	17 45 18.5							
		EP	17 45 23.5							
22	ASC	IP	17 45 13.7							
		ES	17 45 32.5							
		IP	17 45 19.4							
22	ANA	EP	17 45 23.3							
		EP	17 45 24.6							
22	ANB	EP	17 47 26.8							
		E(S)	17 48 3.7							
22	ANA	EP	17 47 27.0							
22	ASB	EP	17 47 30.4	9.2	.4					
22	ASC	EP	17 47 30.7							
22	ASD	EP	17 47 31.4	4.1	.3					
22	ASD	EP	18 52 23.6	7.6	.2					
		ES	18 52 51.0							
22	ASB	EP	18 52 29.7	3.1	.2					
		E(S)	18 52 53.2							
22	ASC	EP	18 52 30.4							NOISY
		ES	18 52 56.0							

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22	19 11 52.36	52.38 N 178.53 E DEPTH = 125.0 KM				FIXED DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS							
22	ANA	IP	19 12 12.8			94	354
		IS	19 12 27.7				
22	ANB	EP	19 12 12.9			88	348
		ES	19 12 27.9				
22	ASC	EP	19 12 15.3			111	337
		E(S)	19 12 32.5				
22	ASD	EP	19 12 16.0	5.5	.2	125	334
		IS	19 12 33.3				
22	ASB	EP	19 12 16.0			124	337

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22	19 17 4.11	51.34 N 178.74 E DEPTH = 39.0 KM				FREE DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS							
22	ANB	EP	19 17 11.8			29	186
22	ANA	EPG	19 17 12.3			32	169
22	ASC	EPG	19 17 12.3			32	246
22	ASB	IPG	19 17 12.5	13.3	.2	35	267
22	ASD	IPG	19 17 13.2	18.3	.2	42	265
		IS	19 17 19.9				

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22	19 23 16.64	52.18 N 179.82 E DEPTH = 133.5 KM				FREE DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS							
22	ASD	IPG	19 23 33.6	29.1	.2	95	20
		ES	19 23 54.7				
22	ANB	EP	19 23 33.7			96	47
22	ASC	EPG	19 23 38.7			92	29
22	ANA	EP	19 23 39.1			101	52
22	ASB	IPG	19 23 39.0	36.9	.2	100	23
		IS	19 23 55.5				

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MAR 1970	STA	PHASE	TIME (GNT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
22	21 16 23.94		51.78 N 176.40 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ANA	EP	21 16 47.3				156	277	-.2	
22	ANB	EP	21 16 48.2				166	278	-.5	
22	ASC	EP	21 16 52.1				194	282	-.0	
		ES	21 16 12.7						.0	
22	ASB	EP	21 16 52.9	10.8	.2		202	284	-.3	
		ES	21 16 14.0						-.5	
22	ASD	EP	21 16 53.5	10.8	.2		208	284	-.4	
		E(S)	21 16 14.8						-1.0	
.....										
22	ANA	EP	23 09 23.2							
22	ANB	EP	23 09 23.8							
22	ASC	EP	23 09 27.4							
22	ASB	EP	23 09 27.5							
22	ASD	EP	23 09 29.2	3.2	.2					
.....										
23	0 20 54.70		40.14 N 140.19 E	DEPTH = 146.0 KM MB = 5.7			TELESEISMIC SOLUTION			
HONSHU, JAPAN										
23	ANA	EP	00 26 40.1				3203	262		
23	ANB	EP	00 26 41.2				3212	262		
23	ASB	IP	00 26 42.7				3240	263		
23	ASD	IP	00 26 43.3	77.8	.4		3246	263		TELESEISMIC
23	ASC	EP	00 26 43.4				3235	263		
		I	00 26 45.9							
23	ADK	EP	00 27 5.2				3533	266		
		E	00 29 54.5							
.....										
23	0 36 41.43		51.68 N 179.64 E	DEPTH = 112.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
23	ASD	IPG	00 36 57.6	25.3	.2		39	32	-.2	
		ES	00 37 9.8						.1	
23	ASC	EPG	00 36 58.0				41	54	.2	
23	ASB	IPG	00 36 58.1	20.8	.2		44	38	.1	
		IS	00 37 10.0						-.1	
23	ANB	IP	00 36 59.7				59	92	-.1	
23	ANA	IP	00 36 59.5				68	85	.1	
.....										
23	1 3 49.95		51.21 N 178.76 E	DEPTH = 26.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
23	ASB	IP	01 03 57.4				38	244	-.0	WHITEOUT
23	ASC	IP C	01 03 57.9				40	225	.3	WHITEOUT
23	ANB	IP D	01 03 58.1				44	183	-.1	WHITEOUT
23	ANA	IPG	01 03 58.7				47	171	.0	WHITEOUT
		I	01 03 58.6							
23	ASD	EPG	01 03 59.2	37.8	.2	1.99	45	245	-.1	
		ES	01 03 4.4						-.1	
.....										
23	4 59 36.04		51.09 N 177.79 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
23	ANA	IPG	04 59 52.2				85	225	.9	
		ES	05 00 4.2						1.7	
23	ANB	EPG	04 59 52.6				90	231	.5	
		E(S)	05 00 4.4						.6	
23	ASC	EPG	04 59 54.9				104	247	.7	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	ASB	ES	05 00 8.9						1.5	
23	ASB	IPG	04 59 55.1	29.5	.2	3.25	106	254	.6	
23	ASB	E(S)	05 00 9.2						1.2	
23	ASD	IPG	04 59 56.1	13.0	.2	3.01	113	254	.6	
23	ASD	IS	05 00 10.6						.8	
23	ASD	EP	05 13 53.2	11.3	.3					
23	ASD	E(S)	05 14 34.5							
23	8 18 28.90		50.48 N 174.96 E				DEPTH = 33.0 KM		MB = 3.7	TELESEISMIC SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	ANA	EP	08 19 9.6				288	245	.1	
23	ANB	EP	08 19 10.2				296	247	-.2	NOISY
23	ASB	E	08 19 12.4							
23	ASB	EP	08 19 13.2	8.5	.2		316	254	.2	
23	ASC	EP	08 19 13.2				314	251	.5	
23	ASD	EP	08 19 13.6	3.2	.2		323	254	-.2	
23	ASD	I	08 19 15.7							
23	ANA	EP	09 52 44.3							
23	ANB	EP	09 52 44.5							
23	ASB	EP	09 52 47.6							
23	ASC	EP	09 52 47.7							
23	ASD	EP	09 52 49.2	5.5	.2					
23	ASD	EP	10 31 44.2	3.2	.2					
23	ASB	E(S)	10 31 51.8							
23	ASB	EP	10 31 45.3							
23	ASB	E(S)	10 31 53.3							
23	10 47 31.70		50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
23	ASB	EP	10 47 57.2				163	153	-.5	
23	ASB	E(S)	10 48 16.0						-.6	
23	ASD	EP	10 47 57.4	5.5	.2	3.21	162	155	-.1	
23	ASD	E(S)	10 48 15.6						-.7	
23	ASC	EP	10 47 59.2				176	153	-.4	
23	12 0 15.25		51.53 N 179.63 W				DEPTH = 50.0 KM			FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
23	ASD	IPGC	12 00 29.7	44.2	.2	2.36	74	76	-.1	
23	ASD	ES	12 00 38.6						-.0	
23	ASB	IPGC	12 00 29.5	67.0	.2	3.13	91	76	-.1	
23	ASB	IS	12 00 40.0						-.0	
23	ASC	EPG	12 00 30.3				35	34	.2	
23	ANB	EPG	12 00 33.0				110	93	-.1	
23	ANA	EPG	12 00 34.3				119	94	.0	
23	12 14 53.50		29.81 N 129.26 E				DEPTH = 148.0 KM		MB = 5.8	TELESEISMIC SOLUTION
			RYUKYU ISLANDS							
23	ASB	EP	12 22 35.2				4741	259		
23	ASC	EP	12 22 36.4				4737	259		
23	ASD	IP	12 22 36.7				4743	259		

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
23	12 21	22.95	51.21 N 179.95 E	DEPTH = 59.6 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
23	ASD	EP	12 21 34.2	5.5	.2		47	114	.0	
		ES	12 21 42.4						.0	
23	ASB	EP	12 21 34.7	6.2	.2		52	109	.0	
23	ASC	EP	12 21 35.7				62	117	.0	
.....										
23	12 47	54.64	51.26 N 178.54 E	DEPTH = 55.0 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
23	ANB	EP	12 48 4.9				42	204	-.2	
23	ANA	EP	12 48 5.2				42	191	.1	
23	ASB	EP	12 48 5.8				50	257	-.0	
23	ASC	EP	12 48 5.8				43	242	.1	
23	ASD	EPG	12 48 6.5	3.8	.2		57	257	-.0	
		ES	12 48 15.2						.0	
.....										
23	ASD	EP	15 40 34.4	3.2	.2					
		ES	15 40 46.4							
23	ASB	EP	15 40 35.2							
23	ASC	EP	15 40 37.4							
		ES	15 40 49.7							
23	ASB	EP	16 54 53.7							
23	ASD	IPG	16 54 54.6	13.0	.2					
		E(S)	16 55 1.1							
23	ADK	IP C	17 05 45.4							
		IS	17 06 .2							
23	ASD	IP	17 05 50.0							
		IP	17 05 51.1	207.7	.3					
		IS	17 06 9.7							
23	ASB	IP	17 05 50.4							
		IP	17 05 51.9							
		E(S)	17 06 11.4							
23	ASC	IP	17 05 52.1							
23	ANB	EP	17 05 55.4							
		EP	17 05 57.7							
		E(S)	17 06 21.4							
23	ANA	EP	17 05 56.9							
		EP	17 05 58.4							
.....										
23	17 25	7.50	51.33 N 173.88 E	DEPTH = 33.0 KM		MB = 3.8	TELESEISMIC SOLUTION			
NEAR ISLANDS, ALEUTIAN ISLANDS										
.....										
23	ANA	EP	17 45 49.6							
23	ANB	EP	17 45 50.2							
23	ASC	EP	17 45 52.9							
23	ASD	EP	17 45 54.4	5.7	.3					
23	ASB	EP	17 45 54.6							
23	ANB	EP	19 28 24.9							
23	ASB	IP	19 23 26.7	32.3	.2					
		IS	19 28 53.7							
23	ASC	EP	19 23 26.7							
		E(S)	19 28 53.4							
23	ASD	IP	19 28 27.5	10.8	.2					
		ES	19 23 54.7							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
23	19 34	6.06	51.52 N 179.71 E	DEPTH = 94.4 KM		FREE DEPTH SOLUTION				
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	ASD	IPG	19 34 19.9	5.9	.2		30	57	-.0	
		ES	19 34 30.0						-.0	
23	ASB	IP	19 34 20.2	18.4	.2		37	60	-.0	P SPIKE
23	ASC	EP	19 34 20.3				39	90	-.0	
.....										
23	20 52	17.40	50.05 N 179.71 W	DEPTH = 20.0 KM		SOLUTION BY INSPECTI				
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
23	ASB	EP	20 52 42.9				163	153	-.5	
		ES	20 53 2.6						.3	
23	ASD	EP	20 52 43.2	13.0	.3	3.41	162	155	-.0	
		I(S)	20 53 .2						-1.8	
.....										
23	ASD	IP	21 34 6.7	359.5	.3					
		ES	21 34 24.4							
23	ASB	IP	21 34 7.6	315.7	.3					
		ES	21 34 24.0							
23	ASC	IP	21 34 9.1							WHITEOUT
23	ANB	IP	21 34 12.9							
		ES	21 34 35.1							
23	ANA	EP	21 34 13.9							
		ES	21 34 36.9							
23	ADK	EP	21 34 19.4							
		ES	21 34 39.4							
23	ASB	EP	22 13 46.9							
		ES	22 14 7.4							
23	ASD	EP	22 13 47.9	8.7	.2					
		ES	22 14 5.9							
23	ASC	EP	22 13 49.2							
		ES	22 14 8.9							
.....										
23	22 14	46.10	51.19 N 179.24 W	DEPTH = 47.0 KM		MB = 4.2	TELESEISMIC SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
23	ASD	IP C	22 15 2.4	924.7	.3	4.50	101	101	-.4	
		ES	22 15 17.9						2.9	
23	ASB	IP	22 15 3.0				107	100	-.6	WHITEOUT
23	ASC	IP	22 15 4.5				115	105	-.1	WHITEOUT
23	ANB	IP	22 15 8.6				144	109	.4	WHITEOUT
23	ANA	IP	22 15 9.7				154	108	.4	WHITEOUT
23	ADK	EP	22 15 15.2				200	243	.2	
		ES	22 15 38.0						1.9	
.....										
23	ASD	EP	22 17 2.1	136.9	.2					
		ES	22 17 17.9							
23	ASB	IP	22 17 2.9	172.8	.3					
		IS	22 17 13.4							
23	ASC	IP	22 17 4.2							
		ES	22 17 20.9							
23	ANB	EP	22 17 8.0							
		ES	22 17 29.9							
23	ANA	EP	22 17 9.6							
		E(S)	22 17 31.9							
23	ADK	EP	22 17 17.0							
		ES	22 17 38.4							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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23	22 26	22.80	50.05 N 179.71 W DEPTH = 20.0 KM					SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
23	ASB	EP	22 26 48.3	7.7	.2	3.37	163	153	-0.5	
		E(S)	22 27 8.7						1.0	
23	ASD	EP	22 26 48.6	10.2	.2	3.49	162	155	-0.0	
		ES	22 27 7.2						-0.2	
23	ASC	EP	22 26 49.9				176	153	-0.3	
		E(S)	22 27 10.6						-0.5	
23	ANA	EP	22 26 51.4				210	146	-3.5	
		E(S)	22 27 15.4						-2.9	

23	22 27	20.10	50.05 N 179.71 W DEPTH = 20.0 KM					SOLUTION BY INSPECTI		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
23	ASD	EP	22 27 45.6	45.9	.2	4.14	162	155	-0.3	
		IS	22 28 3.7						-1.0	
23	ASB	EP	22 27 45.6	50.7	.2	4.19	163	153	-0.5	
		IS	22 28 4.8						-0.2	
23	ASC	IP	22 27 47.1				176	153	-0.9	
		ES	22 28 6.9						-1.5	
23	ANA	EP	22 27 51.3				210	146	-0.9	

23	23 5	0.00	37.09 N 116.02 W DEPTH = 0.0 KM MB = 5.5					TELESEISMIC SOLUTION		
SOUTHERN NEVADA										
23	ADK	EP	23 13 13.6				4334	85		

24	2 18	12.30	51.38 N 173.88 E DEPTH = 7.0 KM MB = 4.9					TELESEISMIC SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
24	ANA	EP	02 19 1.6				332	267	.3	
		ES	02 19 38.4						2.2	
24	ANB	IP	02 19 2.7				341	268	.8	
		ES	02 19 39.3						.2	
24	ASB	EP	02 19 5.7	66.1	.2		373	272	-0.2	
		ES	02 19 44.3						-0.6	
24	ASC	EP	02 19 5.4				366	271	.3	
24	ASD	EP	02 19 6.9	130.5	.3		379	272	.2	
		ES	02 19 45.0						-1.3	
24	ADK	EP	02 19 42.2				661	269	.3	
		ES	02 20 47.2						-59.3	

24	ASD	IPG	03 06 23.5	40.0	.2					
		E(S)	03 06 35.8							
24	ASB	EPG	03 06 23.9	73.7	.2					
		E(S)	03 06 33.8							
24	ASC	EPG	03 06 26.0							
		ES	03 06 37.0							
24	ANB	EP	03 06 30.5							
24	ANA	EP	03 06 32.0							
24	ASD	EPG	08 37 14.3	7.0	.2					
		ES	08 37 28.5							
24	ASB	EP	08 37 14.4							
24	ASC	EPG	08 37 16.5							
		E(S)	08 37 31.3							
24	ANA	EPG	10 30 55.6							
		ES	10 31 5.2							
24	ANB	EP	10 30 56.2							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
24	ASC	EPG	10 30 59.5							
		ES	10 31 11.1							
24	ASD	EPG	10 31 .5	4.3	.2					
		ES	10 31 13.5							
24	10 35 22.10		21.93 S 126.63 E				DEPTH = 33.0 KM	MB = 6.2	MS = 5.9	TELESEISMIC SOLUTION WESTERN AUSTRALIA
24	ADK	EP	10 48 19.5				9858	231		
24	14 37 1.74		51.40 N 179.99 W				DEPTH = 69.9 KM			FREE DEPTH SOLUTION DELAROF ISLANDS, ALEUTIAN ISLANDS
24	ASD	IPG	14 37 14.5	57.1	.2		54	87	-.0	
		ES	14 37 23.9						.0	
24	ASB	IPG	14 37 15.1	86.0	.2		61	86	-.0	
24	ASC	EPG	14 37 15.8				67	95	.1	
24	ANB	IPG	14 37 18.5				95	103	-.1	
		ES	14 37 30.9						-.0	
24	ANA	EP	14 37 19.8				105	103	.1	
24	ANA	EP	15 10 47.3							
		ES	15 11 9.7							
24	ASB	IP	15 10 49.5	58.4	.2					
		ES	15 11 11.8							
24	ASC	EP	15 10 50.0							
		ES	15 11 12.1							
24	ASD	EP	15 10 50.3	7.6	.2					
		E(S)	15 11 13.0							
24	19 44 22.90		50.05 N 179.71 W				DEPTH = 20.0 KM			SOLUTION BY INSPECTI DELAROF ISLANDS, ALEUTIAN ISLANDS
24	ASB	EP	19 44 48.4	18.4	.2	3.75	163	153	-.5	
		ES	19 45 6.8						-1.0	
24	ASD	EP	19 44 48.5	9.7	.2	3.46	162	155	-.2	
		E(S)	19 45 6.2						-1.3	
24	ASC	EP	19 44 50.0				176	153	-.8	
		ES	19 45 9.5						-1.7	
25	5 10 21.95		51.35 N 179.90 W				DEPTH = 25.0 KM			FIXED DEPTH SOLUTION DELAROF ISLANDS, ALEUTIAN ISLANDS
25	ASD	EPG	05 10 31.4	38.2	.2	2.25	53	93	-.1	
		ES	05 10 38.8						.4	
25	ASB	EPG	05 10 32.5	107.3	.2	2.89	59	91	.1	P SPIKE
		ES	05 10 40.7						.7	
25	ASC	IP	05 10 33.9				66	100	.4	
		IS	05 10 41.8						-.1	
25	ANA	EP	05 10 39.2				105	106	.1	
25	ADK	EP	07 51 6.7							
		ES	07 51 20.2							
25	10 15 33.37		51.28 N 179.74 E				DEPTH = 45.2 KM			FREE DEPTH SOLUTION RAT ISLANDS, ALEUTIAN ISLANDS
25	ASD	IPG	10 15 41.8	13.4	.2	.88	30	112	-.1	
		ES	10 15 48.2						.1	
25	ASB	EP	10 15 42.3	15.3	.2	1.22	36	105	-.1	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS	
25	ASC	E(S) EP ES	10 15 49.1 10 15 43.6 10 15 50.5				45	117	.1 .2 -.2		
25	ANA	EP	15 12 21.8								
25	ASC	EP ES	15 12 25.1 15 12 3.2								
25	ASD	EP	15 12 27.2	6.4	.3						
25	19 20 39.70	50.05 N 179.71 W DEPTH = 20.0 KM DELAROF ISLANDS, ALEUTIAN ISLANDS					SOLUTION BY INSPECTI				
25	ASB	EP ES	19 21 5.2 19 21 24.1	7.7	.2	3.37	163	153	-.5 -.5		
25	ASD	EP ES	19 21 5.5 19 21 23.8	9.1	.2	3.39	162	155	-.0 -.5		
25	ASC	EP ES	19 21 6.8 19 21 27.1				176	153	-.3 -.9		
26	ASD	EP E(S)	02 46 21.7 02 46 38.7	9.7	.2						
26	ASB	EP ES	02 46 22.1 02 46 39.7								
26	ASC	EP	02 46 23.7								
26	ANA	EP	02 46 29.9								
26	ANA	EP	05 13 48.8							WEAK SIGNAL	
26	ANB	EP	05 13 49.6								
26	ASC	EP	05 13 51.7								
26	ASB	EP	05 13 52.2								
26	ASD	EP E(S)	05 13 53.2 05 14 34.5	4.9	.2						
26	11 20 59.98	50.89 N 179.90 E DEPTH = 25.0 KM RAT ISLANDS, ALEUTIAN ISLANDS					FIXED DEPTH SOLUTION				
26	ASD	IP C	11 21 11.9	20.6	.2	2.37	67	144	.3		
26	ASB	EPG ES	11 21 12.2 11 21 20.9	12.3	.2	2.21	70	139	.2 .1		
26	ASC	EPG ES	11 21 14.0 11 21 24.4				83	140	.1 .4		
26	14 21 24.60	51.34 N 179.20 E DEPTH = 52.1 KM RAT ISLANDS, ALEUTIAN ISLANDS					FREE DEPTH SOLUTION				
26	ASB	IPG	14 21 32.6				4	237	-.0		
26	ASD	IP	14 21 32.7	171.2	.2		11	248	-.0		
26	ASC	EP IS	14 21 32.9 14 21 38.9				14	168	.1 .0		
26	ANB	EP	14 21 34.6				41	136	-.1		
26	ANA	EPG ES	14 21 35.6 14 21 43.4				49	130	.1 -.1		
26	15 20 57.90	50.74 N 175.06 W DEPTH = 33.0 KM MB = 4.7 ANDREANOF ISLANDS, ALEUTIAN IS.					TELESEISMIC SOLUTION				
26	ADK	IP IS	15 21 20.6 15 21 40.7				166	140	-2.3 -1.3		
26	ASD	IP IL	15 21 52.0 15 22 32.4	40.5	.3		393	93	-.1		
26	ASB	EP	15 21 52.7				404	93	-.1	WHITEOUT	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	ASC	EP	15 21 54.3				412	99	.5	WHITEOUT
26	ANB	EP	15 21 57.6				440	100	.4	
26	ANA	EP	15 21 59.8				449	100	.4	
26	ASD	IPG	15 59 43.4	8.1	.2					
		E(S)	15 59 55.2							
26	ASB	EPG	15 59 44.6	4.6	.2					
		E(S)	15 59 56.7							
26	ASC	EPG	15 59 45.4							
		ES	15 59 58.4							
26	16 43 24.21		51.63 N 179.39 E							FREE DEPTH SOLUTION
										RAT ISLANDS, ALEUTIAN ISLANDS
26	ASC	EP	16 43 34.4				25	41	-.0	
		E	16 43 44.2							
26	ASD	IP	16 43 34.5	19.5	.2		29	7	-.1	
		ES	16 43 42.3						.1	
26	ASB	IP	16 43 34.9				32	18	.1	
		ES	16 43 42.4						-.1	
26	19 0 .20		37.30 N 116.53 W							TELESEISMIC SOLUTION
										SOUTHERN NEVADA
26	ADK	IP	19 03 9.4				4334	85		
		E	19 09 54.2							
26	ASD	IP C	19 08 29.1				5171	92		
		E	19 08 41.4							
		E	19 10 3.7							
26	ASB	IP	19 03 29.9				5178	81		
26	ASC	IP	19 08 30.1				5182	81		
27	ADK	EP	02 03 14.3							
		ES	02 03 36.2							
27	ASD	EP	02 03 38.1	168.1	.3					
		E(S)	02 04 19.6							
27	ASB	EP	02 03 38.7							
		E(S)	02 04 20.9							
27	ASC	EP	02 03 39.4							
27	ANA	EP	02 03 42.1							
27	ADK	EP	08 50 8.4							
		ES	08 50 14.3							
27	18 36 45.80		.37 N 119.35 E							TELESEISMIC SOLUTION
										NORTHERN CELEBES
27	ADK	IP D	18 49 24.1				9226	249		
		ES	18 57 56.0							
23	0 32 20.64		51.26 N 179.00 E							FREE DEPTH SOLUTION
										RAT ISLANDS, ALEUTIAN ISLANDS
28	ASB	IPG	00 32 28.3	248.3	.2	1.55	21	237	-.0	
28	ASC	EP	00 32 28.8				25	206	.1	
28	ASD	IPG	00 32 28.8	158.8	.2	1.80	27	242	-.0	
		IS	00 32 34.7						-.1	
29	ANB	IPG	00 32 30.1				41	159	-.0	
28	ANA	EP	00 32 30.8				47	150	-.0	
		I	00 32 30.1							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	ADK	EP	02 04 54.4							
		ES	02 05 19.9							
28	7 45	59.90	6.26 S 154.63 E	DEPTH = 64.0 KM	MB = 5.9					TELESEISMIC SOLUTION
			SOLOMON ISLANDS							
28	ADK	IP 0	07 56 22.0				6993	213		
		ES	08 04 50.0							
28	ADK	EP	08 34 17.9							
		ES	08 34 32.0							
28	ASB	EP	08 34 30.6	64.4	.3					
29	ANA	EP	08 34 36.9							
		E(S)	08 35 9.0							
28	17 49	8.80	53.66 N 163.95 W	DEPTH = 16.0 KM	MB = 4.5					TELESEISMIC SOLUTION
			UNIMAK ISLAND REGION							
28	ASD	EP	17 51 40.5	15.0	.3		1167	71		
28	ASB	EP	17 51 41.9				1174	71		
29	ANA	EP	17 51 46.9				1203	72		WEAK
28	21 2	23.40	39.18 N 29.49 E	DEPTH = 20.0 KM	MB = 6.0	MS = 7.1				TELESEISMIC SOLUTION
			TURKEY							
28	ADK	EP	21 15 10.7				9619	340		
		E	21 18 37.6							
		ES	21 25 44.0							
28	ASB	EP	22 56 34.6							
28	ASD	EP	22 56 40.2	6.4	.2					
29	2 5	5.04	51.53 N 179.78 W	DEPTH = 54.7 KM						FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
29	ASD	IP	02 05 17.6	12.9	.2		63	74	.0	
		ES	02 05 26.7						-.0	
29	ASB	EPG	02 05 18.3				70	74	-.0	
		IS	02 05 28.1						.1	
29	ASC	EPG	02 05 19.9				74	84	.1	
29	ANB	EP	02 05 21.6				99	94	-.2	
29	ANA	EP	02 05 23.0				109	95	.1	
29	2 37	28.34	51.65 N 179.64 W	DEPTH = 95.0 KM						FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
29	ASD	IPG	02 37 45.2	32.3	.2		77	66	-.1	
29	ASB	EP	02 37 45.9	21.5	.2		84	67	.0	
		IS	02 37 58.7						-.0	
29	ASC	EP	02 37 46.3				86	75	.2	
29	ANB	IP	02 37 49.1				109	87	-.2	
29	ANA	IP	02 37 49.3				118	88	.1	

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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29 2 45 21.70 51.39 N 174.05 E DEPTH = 39.0 KM MB = 4.2 TELESEISMIC SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

29	ANA	EP	02 46 6.5				320	267	.6	
		ES	02 46 40.8						2.7	
29	ANB	EP	02 46 7.7				330	268	.7	
		ES	02 46 42.0						2.0	
29	ASC	EP	02 46 10.7				355	271	.6	
		ES	02 46 48.2						2.8	
29	ASB	EP	02 46 11.3	9.2	.3		361	273	.4	
		ES	02 46 48.2						1.4	
29	ASD	EP	02 46 12.1	20.7	.3		368	272	.4	
		ES	02 46 49.6						1.4	

29 ANA EP 04 03 30.7

29 ANB EP 04 03 31.6

29 ASC EP 04 03 34.7

29 ASB EP 04 03 34.9

29 ASD EP 04 03 36.4

29 ASD EP 04 03 36.4

29 ASD EP 04 03 36.4

29 ASD EP 04 03 36.4

29 ASD EP 04 03 36.4

29 ASD EP 04 03 36.4

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29 ASD EP 04 03 36.4

29 ASD EP 04 03 36.4

29 ASD EP 04 03 36.4

29 ASD EP 04 03 36.4

29 7 19 13.09 51.36 N 178.32 E DEPTH = 68.4 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

29	ANA	EP	07 19 24.4				37	219	-0	
		ES	07 19 24.8				42	231	.0	
29	ANB	EP	07 19 24.8				42	231	.0	
		ES	07 19 26.7	6.1	.2		64	271	.0	
29	ASB	EP	07 19 26.7	6.1	.2		64	271	.0	
		ES	07 19 27.3	4.3	.2		71	269	-0	
29	ASD	EP	07 19 27.3	4.3	.2		71	269	-0	
		ES	07 19 37.7						-0	

29 9 59 42.40 50.05 N 179.71 W DEPTH = 20.0 KM SOLUTION BY INSPECTI
DELAROF ISLANDS, ALEUTIAN ISLANDS

29	ASB	EP	10 00 7.9	6.1	.2	3.27	163	153	-5	
		ES	10 00 27.4						.1	
29	ASD	EP	10 00 9.1	10.9	.2	3.51	162	155	-1	
		E(S)	10 00 27.4						.4	
29	ASC	EP	10 00 9.5				176	153	-3	
		ES	10 00 29.5						-1.2	
29	ANA	EP	10 00 13.7				210	146	-3	

29 10 8 20.30 17.07 S 168.51 E DEPTH = 232.0 KM MB = 6.0 TELESEISMIC SOLUTION
NEW HEBRIDES ISLANDS

29	ASD	EP	10 19 .9	17.2	.4		7651	191		
		ES	10 19 1.6				7657	191		
29	ASC	EP	10 19 2.2				7663	190		
		ES	10 19 2.4				7668	191		
29	ANB	EP	10 19 7.0				7770	195		
		ES	10 27 59.0							
29	ADK	EP	10 19 7.0							
		ES	10 27 59.0							
29	EL	EP	10 36 8.0							

29 ANA EPG 10 33 25.4

29 ANA E(S) 10 33 28.9

29 ANB EPG 10 33 25.9

29 ANB E(S) 10 33 30.2

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
29	12	0	32.60	7.24 S	120.59 E	DEPTH = 430.0 KM	MB = 5.3			TELESEISMIC SOLUTION
FLORES SEA										
29	ADK	EP	12 11 50.1				8838	244		
29	15	7	3.04	51.50 N	179.19 E	DEPTH = 29.7 KM				FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
29	ANA	IP C	15 07 10.6				35	247	.1	
29	ANB	EP	15 07 11.4				43	255	-.1	
29	ASC	EPG	15 07 15.1				67	274	.2	
		E	15 07 24.9							
29	ASB	EP	15 07 16.0	26.1	.2	2.65	75	283	-.0	
29	ASD	EPG	15 07 16.8	20.6	.2	2.69	81	290	-.1	
		ES	15 07 27.0						-.0	
29	ASB	EP	17 23 12.0							
29	ASD	EP	17 23 14.9	2.7	.2					
29	ASC	EPG	17 23 15.0							
		E(S)	17 23 28.3							
29	17	35	36.49	51.24 N	179.88 W	DEPTH = 24.0 KM				FREE DEPTH SOLUTION
DEAROF ISLANDS, ALEUTIAN ISLANDS										
29	ASD	IPGD	17 35 46.6	35.7	.2	2.34	57	106	.1	
		ES	17 35 53.9						-.1	
29	ASB	IPG	17 35 47.2	13.8	.2	2.08	62	102	-.2	
		ES	17 35 55.6						.3	
29	ASC	EP	17 35 48.9				72	110	.2	
		E(S)	17 35 57.5						-.2	
29	ADK	IP D	19 53 2.6							
		IS	19 53 14.6							
29	ASB	EP	19 53 39.5							
29	ASD	EP	19 53 39.8	19.5	.3					
29	ASC	EPG	19 53 40.6							
		E(S)	19 53 45.0							
29	ADK	EP	23 41 56.5							
		ES	23 42 27.7							
30	1	34	19.36	51.25 N	179.37 E	DEPTH = 27.4 KM				FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
30	ANA	IPG	01 34 28.3				47	206	.1	
		ES	01 34 34.6						-.0	
30	ANB	EPG	01 34 29.4				49	217	-.1	
30	ASC	EPG	01 34 30.2				60	247	.2	
30	ASB	EPG	01 34 30.4	4.6	.2	1.61	63	259	-.0	
30	ASD	EPG	01 34 31.3	7.6	.2	1.99	69	258	-.1	
		ES	01 34 40.2						.0	
30	4	31	7.46	51.68 N	178.53 E	DEPTH = 89.0 KM				FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
30	ANA	IP	04 31 20.1				10	301	.0	
30	ANB	IPG	04 31 20.2				20	294	-.1	
		ES	04 31 29.7						.0	
30	ASC	IPG	04 31 21.9				50	299	.1	
30	ASB	IPG	04 31 22.6	107.5	.2		61	305	.0	

MAR 1970	STA	PHASE	TIME (GNT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
30	ASD	IPG ES	04 31 22.9 04 31 34.2	127.1	.2		66	301	-.0 -.0	
.....										
30	9 4	9.72	52.39 N 179.78 E	DEPTH = 150.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
30	ANB	IP ES	09 04 34.1 09 04 53.1				111	38	-.5 .4	
30	ANA	IP	09 04 34.6				115	42	-.3	
30	ASC	IP ES	09 04 34.9 09 04 53.3				112	22	.2 .4	
30	ASD	IP IS	09 04 35.0 09 04 52.9	64.7	.2		117	15	-.0 -.6	
30	ASB	IP ES	09 04 35.4 09 04 53.3	21.6	.2		120	18	.1 -.7	
.....										
30	12 28	42.58	51.67 N 178.67 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
30	ANA	IP	12 28 46.3				5	11	-.0	
30	ANB	IP	12 28 46.8				11	311	-.3	
30	ASC	IP	12 28 50.9				41	304	.3	
30	ASB	IP D	12 28 52.0				53	311	-.1	WHITEOUT
30	ASD	EPG ES	12 28 52.3 12 28 53.8	179.3	.3	2.37	57	305	.1 -.3	
.....										
30	15 45	23.60	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
30	ASB	IP E(S)	15 45 49.1 15 46 6.3	5.4	.2	3.22	163	153	-.5 -2.2	
30	ASD	EP E(S)	15 45 49.3 15 46 7.0	6.4	.2	3.28	162	155	-.1 -1.2	
.....										
30	16 46	45.60	6.80 N 126.65 E	DEPTH = 76.0 KM MB = 5.9			TELESEISMIC SOLUTION			
MINDANAO, PHILIPPINE										
30	ANA	EP	16 56 59.1				6969	243		
30	ASD	EP I E	16 57 .5 16 57 3.3 16 57 8.3	10.8	.4		6898	243		
30	ASB	EP I E	16 57 .6 16 57 3.6 16 57 8.5	4.6	.4		6892	243		
30	ASC	EP I	16 57 .3 16 57 2.8				6891	243		
30	ADK	EP	16 57 16.5				7179	247		
.....										
30	16 55	8.30	7.27 N 126.89 E	DEPTH = 120.0 KM MB = 5.1			TELESEISMIC SOLUTION			
MINDANAO, PHILIPPINE										
30	ADK	EP	17 05 31.4				7120	247		
.....										
30	ASD	IPG ES	23 15 23.1 23 15 34.8	23.7	.2					
30	ASB	IPG E	23 15 23.9 23 15 35.0	13.1	.2					
30	ASC	IPG	23 15 25.1							

30	ANB	EP	23	15	30.1
30	ANA	EP	23	15	31.5

31	ASB	EP	02 35 15.6					163	153	-5
		E(S)	02 35 34.6							-4
31	ASD	EP	02 35 16.1	2.1	.2	2.90		162	155	.2

. .	31	ASD	IP D	05 42 21.0	359.1	.3	4.14		104	101	-6
.			E(S)	05 42 38.8							4.8
. .	31	ASB	IP	05 42 21.7					110	99	-6
. .	31	ASC	IP	05 42 23.5					118	104	.1
. .	31	ANB	IP	05 42 27.2					147	107	.3
.			I	05 42 28.1							
.			ES	05 42 47.3							4.5
. .	31	ANA	IP	05 42 28.5					157	107	.4
.			T	05 42 29.3							

31	ASD	IP	05 52	13.1	3.1	.2
		I	05 52	19.4		
31	ASB	IP	05 52	19.0	5.3	.2
		I	05 52	20.0		
31	ASC	IP C	05 52	20.5		
		E	05 52	21.5		
		E(S)	05 52	38.0		
31	ANB	IP	05 52	24.8		
		E(S)	05 52	45.8		
31	ANA	IP	05 52	26.6		
		E(S)	05 52	49.4		
31	ASD	IPG	06 32	7.6	4.3	.2
		ES	06 32	24.2		
31	ASB	EPG	06 32	8.0	6.6	.2
		ES	06 32	24.1		

31	ASB	IPG	07 21 40.6				41	222	.2
31	ASD	IPG	07 21 41.4	47.6	.2	2.17	47	226	.2
		IS	07 21 47.9						.3
31	ASC	IPGC	07 21 41.4				47	207	.2
31	ANB	IPG	07 21 42.9				58	175	.1
		ES	07 21 50.4						.1
31	ANA	IPG	07 21 43.7				62	167	.3

31	ASB	EP	07 44	51.0	1.9	.2	2.77	163	153	-5
		ES	07 45	9.1						-1.3
31	ASD	IP	07 44	51.1	2.1	.2	2.80	162	155	-2
		ES	07 45	9.3						-9

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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31	9	3	46.30	50.05 N	179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										

31	ASD	EP	09 09 12.3	2.7	.2	2.90	162	155	-.3	
		E	09 09 29.8							
31	ASB	EP	09 09 12.6	1.8	.2	2.74	163	153	-.2	
		E	09 09 30.4							

31	9	28	13.03	51.52 N	179.79 E	DEPTH = 59.7 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

31	ASD	IPG	09 28 23.3	10.8	.2		35	62	-.0	
		IS	09 28 30.8						-.0	
31	ASB	IPG	09 28 23.8	12.0	.2		42	64	-.0	
		IS	09 28 31.9						.1	
31	ASC	EPG	09 28 24.2				44	81	.1	
		ES	09 28 32.1						.0	
31	ANB	EPG	09 28 26.5				70	97	-.1	
		ES	09 28 36.3						-.1	
31	ANA	EPG	09 28 27.6				79	98	.0	
		E(S)	09 28 38.3						.1	

31	ASB	EP	12 06 49.9							
31	ASD	EP	12 06 50.0							

31	12	37	56.22	51.59 N	179.63 E	DEPTH = 91.9 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

31	ASD	IPG	12 38 9.6	25.9	.2		31	41	-.2	
		ES	12 38 19.6						-.1	
31	ASB	IPG	12 38 10.1	17.7	.2		36	47	.1	
31	ASC	EPG	12 38 10.3				36	68	.3	
31	ANB	IPGD	12 38 11.2				59	92	-.2	
		IS	12 38 22.6						.1	
31	ANA	IPG	12 38 12.2				63	94	.1	
		IS	12 38 23.7						-.0	

31	12	53	30.70	51.94 N	176.04 W	DEPTH = 74.0 KM MB = 5.1	TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIAN IS.										

31	ADK	IP	12 53 42.0				38	81	-.7	
		IS	12 53 50.7						-.7	
31	ASD	IP C	12 53 15.8	2020.2	.3		325	77	.5	
		ES	12 53 51.3						3.4	
31	ASB	IP	12 53 16.8				332	77	.7	
31	ASC	IP C	12 53 17.6				336	79	1.0	
31	ANB	IP	12 53 20.6				358	82	1.2	
31	ANA	IP	12 53 21.0				367	83	.6	
		I	12 53 22.0							

31	ASD	EP	13 34 51.1	3.2	.2					
31	ASB	EP	13 34 51.8							
31	ASC	EP	13 34 52.3							
		E(S)	13 35 32.3							
31	ANB	EP	13 34 55.5							
31	ANA	EP	13 34 57.1							
31	ADK	EP	13 39 29.3							
		ES	13 39 36.7							
31	ASD	EP	13 39 57.8	2.1	.2					
31	ASB	EP	13 39 58.3							

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
31	ASC	EP	13 40 1.3							
31	ADK	EP	13 50 12.5							
		ES	13 50 21.0							
31	ASD	EP	13 50 46.8	4.3	.2					
31	ASB	EP	13 50 47.7							
31	ASC	EP	13 50 48.2							
31	ANB	IP	13 50 51.2							
31	ANA	IP	13 50 52.6							
31	ADK	EP	14 24 46.4							
		ES	14 24 55.0							
.....										
31	15 29 54.22	50.20 N 177.63 E	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION						
		RAT ISLANDS, ALEUTIAN ISLANDS								
31	ASB	IP	15 30 20.5	12.3	.2	3.67	173	222	-0.8	
		ES	15 30 39.6						-1.4	
31	ANA	EP	15 30 20.8				175	205	-0.8	
31	ANB	IP	15 30 20.9				177	209	-1.0	
31	ASD	IP	15 30 21.1	14.6	.2	3.79	178	223	-0.9	
31	ASC	EP	15 30 21.1				177	213	-0.7	
		E(S)	15 30 40.5						-1.5	
.....										
31	ASD	EP	17 42 33.1	5.5	.2					
		ES	17 42 46.5							
31	ASB	EP	17 42 33.7	4.2	.2					
		ES	17 42 46.8							
31	ASC	EP	17 42 35.6							
		ES	17 42 51.6							
31	ASD	EP	17 46 2.7	5.5	.2					
31	ASB	EP	17 46 3.5	3.9	.2					
		E(S)	17 46 19.3							
31	ASC	EP	17 46 4.9							
		ES	17 46 21.4							
31	ASD	EP	19 52 41.2	2.1	.2					
		ES	19 52 57.6							
31	ASB	EP	19 52 42.1							
		ES	19 52 58.6							
31	ADK	IP 0	20 01 14.5							
		IS	20 01 23.1							
31	ASD	IP	20 01 48.8	10.8	.2					
31	ASB	IP	20 01 49.8							
		E(S)	20 02 6.6							
31	ASC	EP	20 01 50.5							
31	ANB	IP	20 01 53.3							
31	ANA	EP	20 01 54.5							
31	ASD	IP	20 19 57.1	5.5	.2					
		E(S)	20 20 9.5							
31	ASB	IP	20 19 58.1							
		E(S)	20 20 10.3							
31	ASD	EP	22 44 21.4	9.2	.1					
		ES	22 44 40.9							
31	ASB	EP	22 44 22.1							
		ES	22 44 42.0							
31	ASC	EP	22 44 23.0							
		ES	22 44 43.9							
31	ANA	EP	22 44 28.0							
		ES	22 44 51.9							

NCISY

NCISY

MAR 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
31	23 19	11.90	53.47 N 169.67 W	DEPTH = 33.0 KM	MB = 4.0					TELESEISMIC SOLUTION
			FOX ISLANDS, ALEUTIAN ISLANDS							
31	ADK	EP	23 20 23.7				500	67		
		ES	23 20 43.4							
31	ASD	EP	23 20 53.5	23.5	.3		793	69		
		E(S)	23 21 36.3							
31	ASB	EP	23 20 54.2				799	63		
31	ASC	EP	23 20 55.2				791	69		

MAR HYPOCENTER SUMMARY

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MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
01	1 32 39.90	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	1 57 38.10	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	2 18 34.40	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	2 29 19.70	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	5 17 45.60	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	7 10 4.40	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	7 31 5.60	50.05 N	179.71 W	20.0	4.0		DELAROF ISLANDS, ALEUTIAN ISLANDS
01	7 59 33.00	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	9 22 23.90	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	8 31 19.70	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	9 15 56.90	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	9 16 56.10	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	9 45 15.00	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	9 46 27.00	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	9 52 37.20	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	12 49 14.90	50.05 N	179.71 W	20.0	4.0		DELAROF ISLANDS, ALEUTIAN ISLANDS
01	12 54 18.10	50.05 N	179.71 W	20.0	4.1		DELAROF ISLANDS, ALEUTIAN ISLANDS
01	15 18 41.30	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	16 7 19.70	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	16 31 5.40	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	17 8 28.60	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	17 21 52.70	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	19 33 59.30	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	18 52 45.60	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	19 34 18.70	50.05 N	179.71 W	20.0	4.0		DELAROF ISLANDS, ALEUTIAN ISLANDS
01	20 42 46.70	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	20 49 34.80	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	21 13 20.10	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	21 19 52.70	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	21 36 14.70	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	22 54 9.80	50.05 N	179.71 W	20.0	4.1		DELAROF ISLANDS, ALEUTIAN ISLANDS

MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
01	23 20 35.00	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	23 41 29.50	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	0 30 8.00	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	2 0 34.00	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	2 7 5.40	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	2 15 7.90	50.05 N	179.71 W	20.0			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	3 3 38.60	49.98 N	179.74 W	20.0 T	4.1		DELAROF ISLANDS, ALEUTIAN ISLANDS
02	3 12 20.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	4 42 40.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	4 49 27.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	4 52 13.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	4 57 39.10	52.73 N	167.42 W	10.0 T	4.4		FOX ISLANDS, ALEUTIAN ISLANDS
02	5 27 31.60	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	5 40 31.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	5 40 55.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	6 9 29.30	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	6 22 45.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	6 54 21.30	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	7 10 21.60	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	8 5 8.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	9 7 21.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	9 15 25.50	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	10 19 1.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	10 28 29.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	10 47 31.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	10 50 52.50	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	11 10 16.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	11 33 53.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	13 2 57.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	13 11 19.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	13 13 40.70	50.05 N	179.71 W	20.0 T	3.8		DELAROF ISLANDS, ALEUTIAN ISLANDS

MAR 1970	ORIGIN TIME (GHT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
02	13 29 20.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	13 53 12.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	14 57 47.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	14 58 34.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	16 25 55.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	13 31 29.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	22 15 25.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	0 53 47.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	0 57 22.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	1 50 4.90	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	1 52 24.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	2 14 41.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	4 40 26.30	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	6 24 8.90	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	7 4 8.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	7 35 35.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	7 39 15.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	7 58 45.78	51.14 N	179.15 E	50.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	9 30 5.70	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	9 1 37.71	50.96 N	179.19 E	23.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	11 16 57.10	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	11 49 42.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	13 16 41.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	23 27 31.90	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	1 9 55.50	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	1 26 10.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	2 15 58.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	3 30 35.40	12.13 N	143.71 E	33.0 T	6.2	6.2	SOUTH OF MARIANA ISL
04	5 14 59.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	5 23 49.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	6 36 14.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS

MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
04	6 31 56.20	19.76 S	178.64 W	624.0 T	5.5		FIJI ISLANDS REGION
04	6 47 25.14	51.26 N	178.71 E	43.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	7 4 39.50	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	9 12 56.43	50.99 N	179.16 E	23.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	9 36 43.60	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	10 24 29.69	51.14 N	179.97 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	10 55 26.30	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	13 11 56.30	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	14 1 55.50	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	14 52 19.30	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	18 17 17.10	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	19 29 42.00	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	5 43 35.10	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	13 7 27.80	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	15 36 41.70	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	0 13 9.30	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	4 39 0.00	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	6 11 36.05	51.33 N	178.71 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
06	17 0 8.30	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	17 48 39.40	51.92 N	175.99 E	59.0 T	4.0		RAT ISLANDS, ALEUTIAN ISLANDS
06	17 57 20.80	50.05 N	179.71 W	20.0 T	4.2		DELAROF ISLANDS, ALEUTIAN ISLANDS
06	18 16 43.30	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	22 6 27.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	23 49 57.50	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
07	3 48 41.80	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
07	19 43 53.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
07	19 50 .72	51.29 N	177.93 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
07	21 43 42.50	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	23 59 52.50	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	1 1 7.90	50.05 N	179.71 W	20.0 D	4.1		DELAROF ISLANDS, ALEUTIAN ISLANDS
08	1 11 38.80	50.05 N	179.71 W	20.0 D	4.2		DELAROF ISLANDS, ALEUTIAN ISLANDS

MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	NB	MS	GEOGRAPHIC REGION
08	1 45 33.00	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	11 47 22.10	51.34 N	179.88 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
08	12 39 55.85	51.14 N	179.95 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	18 21 42.20	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	19 0 28.10	52.17 N	169.64 W	11.0 T	4.6		FOX ISLANDS, ALEUTIAN ISLANDS
08	22 28 42.50	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
09	6 22 11.63	51.37 N	179.11 E	25.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	6 59 14.96	51.55 N	179.62 E	73.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
9	15 7 4.60	54.08 N	163.71 W	53.0 T	4.0		UNIMAK ISLAND REGION
09	16 1 10.50	19.01 S	168.60 E	41.0 T	6.1	6.5	NEW HEBRIDES ISLANDS
10	4 58 26.20	44.80 N	148.87 E	40.0 T	6.0	5.4	KURIL ISLANDS
10	6 11 56.40	12.60 N	122.13 E	30.0 T	5.7		LUZON, P.I.
10	7 49 39.94	51.33 N	179.76 E	53.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
10	8 48 59.41	51.45 N	177.69 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
10	10 21 56.00	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	10 57 56.90	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	13 19 13.34	50.92 N	177.72 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
10	14 41 18.80	50.05 N	179.71 W	20.0 D	3.9		DELAROF ISLANDS, ALEUTIAN ISLANDS
10	16 56 10.80	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	19 26 19.20	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	22 3 16.50	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	22 25 4.60	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	0 30 34.10	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	1 10 51.60	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	5 4 16.10	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	6 27 9.80	50.05 N	179.71 W	20.0 D	4.0		DELAROF ISLANDS, ALEUTIAN ISLANDS
11	6 57 54.20	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	7 3 17.80	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	10 22 43.80	50.10 N	179.62 W	20.0 T	4.3		DELAROF ISLANDS, ALEUTIAN ISLANDS
11	19 33 20.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	19 48 53.60	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS

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MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
11	20 8 56.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	21 22 19.90	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	21 30 14.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	21 34 44.90	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	22 38 34.60	57.46 N	153.92 W	29.0 T	6.0	6.0	KODIAK ISLAND REGION
12	0 48 48.30	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	1 11 45.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	4 11 8.60	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	4 49 13.06	51.08 N	179.92 E	28.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	5 1 8.49	51.29 N	178.88 E	29.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	5 9 45.60	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	6 25 45.70	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	6 32 27.90	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	8 2 30.60	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	8 2 58.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	8 25 5.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	10 17 44.35	51.46 N	178.94 E	47.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	13 48 47.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	14 11 52.10	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	14 14 52.51	50.83 N	179.53 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	14 42 .40	50.02 N	179.92 E	20.0 T	3.8		RAT ISLANDS, ALEUTIAN ISLANDS
12	15 20 12.80	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	15 45 51.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	16 25 .69	50.89 N	179.71 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	18 20 42.30	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	18 55 31.80	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	18 57 51.90	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	19 22 20.10	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	20 52 15.39	51.70 N	179.71 W	90.3 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	20 54 39.70	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	21 26 38.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS

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MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
12	21 29 28.80	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	22 1 11.30	50.00 N	179.55 W	20.0 T	4.2		DELAROF ISLANDS, ALEUTIAN ISLANDS
12	22 5 41.60	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	22 14 48.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	22 27 10.80	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	0 23 14.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	0 28 52.50	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	0 32 0.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	0 34 56.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	1 22 2.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	2 50 25.30	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	3 0 4.50	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	4 5 46.50	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	4 14 34.30	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	4 37 13.90	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	5 7 49.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	5 13 3.90	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	6 29 34.50	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	8 18 32.90	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	9 19 30.70	51.22 N	177.20 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
13	9 27 34.30	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	10 13 17.80	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	12 4 57.51	51.03 N	179.99 E	19.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	14 10 18.70	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	14 13 12.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	16 16 59.80	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	17 28 24.80	51.93 N	175.28 E	43.0 T	4.5		RAT ISLANDS, ALEUTIAN ISLANDS
13	19 33 33.51	51.32 N	179.52 E	44.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	19 53 57.50	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	19 55 30.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	20 11 6.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS

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MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
13	21 2 26.70	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	21 5 33.70	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	21 15 32.50	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	21 37 5.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	0 1 55.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	0 13 17.70	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	0 29 57.50	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	2 13 27.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	2 27 42.74	51.74 N	179.91 E	75.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	4 15 43.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	6 30 47.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	7 18 45.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	11 42 .93	51.15 N	179.91 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	12 53 4.20	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	12 51 26.50	45.52 N	150.94 E	33.0 T	5.3		KURIL ISLANDS
14	14 11 48.90	51.95 N	178.77 W	99.0 T	4.3		DELAROF ISLANDS, ALEUTIAN ISLANDS
14	14 17 5.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	18 0 4.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	18 25 0.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	13 34 19.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	19 10 32.95	51.37 N	179.99 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	19 50 44.70	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	20 46 20.80	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	20 49 46.10	19.61 S	178.19 W	610.0 T	5.1		FIJI ISLANDS REGION
14	21 10 39.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	0 6 31.85	51.53 N	179.05 E	58.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	0 9 26.80	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	2 21 14.60	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	2 23 33.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	3 45 51.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	4 6 28.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS

MAR 1970	ORIGIN TIME (GNT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
15	4 23 52.92	51.33 N	179.43 E	65.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	7 33 14.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	7 33 51.10	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	8 56 25.90	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	10 29 2.40	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	11 53 7.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	12 58 24.90	62.75 N	150.94 W	100.0 T	4.0		CENTRAL ALASKA
15	14 39 6.90	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	15 20 56.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	15 35 21.23	51.56 N	179.80 E	53.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	19 50 3.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	20 49 54.60	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	21 57 39.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	23 4 51.90	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	23 45 12.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	1 50 17.50	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	3 50 21.80	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	3 51 42.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	4 39 55.92	51.61 N	179.21 E	65.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	5 16 58.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	7 18 28.80	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	9 50 52.23	51.83 N	179.01 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
16	10 14 38.50	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	12 31 59.32	51.40 N	179.69 E	62.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	13 4 45.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	13 59 55.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	14 15 1.22	51.55 N	179.89 E	54.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	15 45 58.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	17 42 21.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	1 3 57.50	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	1 17 47.70	26.27 S	177.07 W	85.0 T	4.9		SOUTH OF FIJI IS

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MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
17	4 23 43.96	51.41 N	177.61 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
17	5 1 36.50	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	6 37 57.90	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	7 3 25.50	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	7 19 28.90	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	7 22 33.87	51.68 N	179.54 E	90.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	9 36 55.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	14 24 16.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	13 35 38.13	51.07 N	179.94 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
17	20 55 58.20	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	21 17 44.50	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	21 36 51.40	50.00 N	179.79 W	20.0 T	4.3		DELAROF ISLANDS, ALEUTIAN ISLANDS
17	22 0 12.40	59.20 N	147.90 W	47.0 T	5.1	4.3	GULF OF ALASKA
17	22 35 2.18	51.30 N	178.31 E	52.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	5 35 6.80	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
18	15 13 .77	51.57 N	179.49 W	75.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
18	22 4 32.00	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
18	23 17 57.40	10.93 N	86.01 W	56.0 T	4.9		COAST OF NICARAGUA
19	2 0 56.10	51.86 N	169.22 W	55.0 T	4.0		FOX ISLANDS, ALEUTIAN ISLANDS
19	6 8 55.60	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
19	9 5 37.05	52.26 N	178.52 E	125.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
19	15 20 54.00	50.02 N	179.66 W	11.0 T	5.4		DELAROF ISLANDS, ALEUTIAN ISLANDS
19	19 27 50.10	50.91 N	179.60 W	29.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
19	23 33 29.20	51.30 N	173.77 E	16.0 T	5.9	6.2	RAT ISLANDS, ALEUTIAN ISLANDS
20	0 25 17.00	51.18 N	173.71 E	11.0 T	4.7		RAT ISLANDS, ALEUTIAN ISLANDS
20	11 7 35.60	5.00 N	125.22 E	65.0 T	5.7		MINDANAO, PHILIPPINE
20	21 1 38.53	51.28 N	178.76 E	46.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	6 24 23.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
21	10 9 55.40	24.05 N	142.70 E	33.0 T	5.4		VOLCANO IS REGION
22	3 57 48.30	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
22	9 22 28.17	51.43 N	178.83 E	40.6 F			RAT ISLANDS, ALEUTIAN ISLANDS

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MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
22	9 26 14.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
22	12 30 34.52	51.35 N	178.73 E	35.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	14 49 56.18	51.15 N	179.52 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	19 11 52.36	52.38 N	178.53 E	125.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	19 17 4.11	51.34 N	178.74 E	39.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	19 29 16.64	52.19 N	179.92 E	133.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	21 16 23.94	51.73 N	176.40 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	0 20 54.70	40.14 N	140.19 E	146.0 T	5.7		HONSHU, JAPAN
23	0 36 41.43	51.68 N	179.64 E	112.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	1 3 49.85	51.21 N	178.76 E	26.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	4 59 36.04	51.09 N	177.79 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	8 13 29.90	50.43 N	174.96 E	33.0 T	3.7		RAT ISLANDS, ALEUTIAN ISLANDS
23	10 47 31.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	12 0 15.25	51.53 N	179.63 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	12 14 53.50	29.81 N	129.26 E	148.0 T	5.8		RYUKYU ISLANDS
23	12 21 22.95	51.21 N	179.95 E	59.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	12 47 54.64	51.26 N	178.54 E	55.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	17 25 7.50	51.39 N	173.99 E	33.0 T	3.8		NEAR ISLANDS, ALEUTIAN ISLANDS
23	19 34 6.06	51.52 N	179.71 E	94.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	20 52 17.40	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	22 14 46.10	51.19 N	179.24 W	47.0 T	4.2		DELAROF ISLANDS, ALEUTIAN ISLANDS
23	22 26 22.80	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	22 27 20.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	23 5 0.00	37.08 N	116.02 W	0.0 T	5.5		SOUTHERN NEVADA
24	2 19 12.30	51.38 N	173.88 E	7.0 T	4.9		RAT ISLANDS, ALEUTIAN ISLANDS
24	10 35 22.10	21.93 S	126.63 E	33.0 T	6.2	5.9	WESTERN AUSTRALIA
24	14 37 1.74	51.40 N	179.99 W	69.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
24	19 44 22.90	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	5 10 21.95	51.35 N	179.90 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	10 15 33.37	51.28 N	179.74 E	45.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	19 20 39.70	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS

MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
26	11 20 59.98	50.89 N	179.90 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
26	14 21 24.60	51.34 N	179.20 E	52.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	15 20 57.90	50.74 N	175.06 W	33.0 T	4.7		ANDREANOF ISLANDS, ALEUTIAN IS.
26	16 43 24.21	51.63 N	179.39 E	64.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	19 0 20	37.30 N	116.53 W	0.0 T	6.5	5.3	SOUTHERN NEVADA
27	18 36 45.80	37 N	119.35 E	8.0 T	6.2	6.7	NORTHERN CELEBES
28	0 32 20.64	51.26 N	179.00 E	44.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	7 45 59.90	6.26 S	154.63 E	64.0 T	5.9		SOLOMON ISLANDS
29	17 49 9.80	53.66 N	163.95 W	16.0 T	4.5		UNIMAK ISLAND REGION
28	21 2 23.40	39.13 N	29.49 E	20.0 T	6.0	7.1	TURKEY
29	2 5 5.04	51.53 N	179.79 W	54.7 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
29	2 37 28.34	51.65 N	179.64 W	95.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
29	2 45 21.70	51.39 N	174.05 E	38.0 T	4.2		RAT ISLANDS, ALEUTIAN ISLANDS
29	7 19 13.09	51.36 N	178.32 E	68.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	9 59 42.40	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
29	10 9 20.30	17.07 S	169.51 E	232.0 T	6.0		NEW HEBRIDES ISLANDS
29	12 0 32.60	7.24 S	120.59 E	430.0 T	5.3		FLORES SEA
29	15 7 3.04	51.50 N	178.19 E	29.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	17 35 36.49	51.24 N	179.88 W	24.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
30	1 34 19.36	51.25 N	178.37 E	27.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	4 31 7.46	51.68 N	178.53 E	89.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	9 4 9.72	52.39 N	179.78 E	150.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
30	12 29 42.59	51.67 N	179.67 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
30	15 45 23.60	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
30	16 46 45.60	6.80 N	126.65 E	76.0 T	5.9		MINDANAO, PHILIPPINE
30	16 55 8.30	7.27 N	126.89 E	120.0 T	5.1		MINDANAO, PHILIPPINE
31	2 34 50.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
31	5 42 4.50	51.19 N	179.20 W	43.0 T	4.1		DELAROF ISLANDS, ALEUTIAN ISLANDS
31	7 21 32.49	51.08 N	178.86 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
31	7 44 25.50	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
31	9 3 46.80	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS

MAR HYPOCENTER SUMMARY

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MAR 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
31	9 28 13.03	51.52 N	179.79 E	59.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	12 37 56.22	51.59 N	179.63 E	91.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	12 58 30.70	51.94 N	176.04 W	74.0 T	5.1		ANDREANOF ISLANDS, ALEUTIAN IS.
31	15 29 54.22	50.20 N	177.63 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
31	23 19 11.90	53.47 N	169.67 W	33.0 T	4.0		FOX ISLANDS, ALEUTIAN ISLANDS

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

SEISMICITY MAPS

ALEUTIAN EARTHQUAKES WHICH WERE LOCATED DURING THE MONTH BY THE ALEUTIAN SEISMIC NETWORK AND BY THE WORLD NETWORK OF SEISMOLOGICAL STATIONS REPORTING TO THE NATIONAL OCEAN SURVEY (NOS) ARE PLOTTED ON SIX MAPS COVERING THE ALEUTIAN ISLANDS FROM THE NEAR ISLANDS TO UNIMAK ISLAND (170 DEGREES EAST LONGITUDE TO 160 DEGREES WEST LONGITUDE).

THE BASE MAPS ARE MODIFIED VERSIONS OF LARGE PLATES PUBLISHED BY THE NOS AS PART OF ESSA MONOGRAPH NO. 3 (BATHYMETRY OF THE ALEUTIAN ARC). 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 OVERPRINT THE BASE MAPS. REGISTRATION MARKS ALONG THE MARGINS OF THE MAPS ALLOW AN ESTIMATION OF THE PRECISION OF PRINTING REGISTRATION.

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

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

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 ATTU PLATE.

DEPTH OF FOCUS (km)

0-50

50-100

100-150

150-200

200-250

$m_B = 3.0$

*

□

×

◇

+

$m_B = 4.0$

✱

□

×

◇

+

$m_B = 5.0$

✱

□

×

◇

+

$m_B = 6.0$

✱

□

×

◇

+

$m_B = 7.0$

✱

□

×

◇

+