OBSERVATOIRE ROYAL DE BELGIQUE

KONINKLIJKE STERRENWACHT VAN BELGIE

BULLETIN D'OBSERVATIONS : SEISMOLOGIE

WAARNEMINGSBERICHTEN : SEISMOLOGIE

BULLETIN SEISMIQUE

Station: Uccle

ANNEE 1960

Section - Géodynamique
Sectie - Géodynamica

Octobre 1970

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INTRODUCTION

Coordonnées géographiques de la Station.

Latitude : 50°47'55" N. Longitude : 4°21'30" E. Altitude : 100 m.
Sous-sol : sable (éocène moyen).

Appareils : Un séismographe vertical Wiechert (masse 1300 kg). Un séismographe horizontal Wiechert à deux composantes (N,S et E-W) (masse 1000 kg). Deux séismographes horizontaux Galitzine. Un séismographe à composante verticale type Wilip-Somville. Un séismographe vertical type Grenet.

En 1960, les séismographes ont fonctionné sans interruptions

Constantes approximatives des séismographes Galitzine :

E-W	T_1 = 24",5	l = 123,8 mm	A_1 = 1040 mm
	T = 21",8	μ = + 0,2	k = 38
N-S	T_1 = 24",5	l = 124,7 mm	A_1 = 1040 mm
	T = 21",8	μ = + 0,2	k = 38

Les constantes du séismographe à composante verticale et à enregistrement galvanométrique ont été approximativement les suivantes :

μ = 0,0 ; T = 10",0 ; T_1 = 10",15 ; k = 290

Les Constantes des séismographes Wiechert ont varié entre les valeurs extrêmes suivantes :

	Z*		E*		N*	
T :	4",22	et 4",23	7",35		7",38	et 7",36
$\frac{r}{T^2}$:	0,067	et 0,079	0,021	et 0,019	0,021	et 0,023
ϵ :	2,5	et 2,7	2,1		2,5	
V :	157	et 159	140	et 142	162	et 161

Etat de la Cave. - Au cours de l'année 1960, la température a varié entre 14,2° et 16,2°C et le degré d'humidité a été maintenu à 60 %.

Analyse des séismogrammes et bulletins. - En 1960, les amplitudes n'ont pas été réduites en mouvement vrai du sol. C'est pour cette raison que les colonnes "Périodes" et "Amplitudes" ont été supprimées dans le Bulletin annuel.

Pour l'analyse des séismogrammes nous avons utilisé les tables de H. Jeffreys, B. Gutenberg et C.F. Richter, J.B. Macelwane et J.S. Joliat, ainsi que les hodographes publiés par Mme Y. Labrouste.

Les calculs des distances et des azimuts ont été exécutés à l'ordinateur IBM 1620.

L'impression du présent bulletin a été réalisée à partir des "listings" obtenus à la Tabulatrice IBM 447.

J.M. VAN GILS

EXEMPLE EXPLICATIF DES TABLEAUX

STATION
ANNEE

MOIS

N°		HEURE ORIGINE	ϕ	λ	h	Δ_c	α_c	M	CENTRE INTERNATIONAL (1)
		HEURES	PHASES	COMPOSANTES	h_o	Δ_o	α_o	T	REMARQUES A_μ (2)
135	2	00 39 22,0	53,0 N	168,5 W		76,3	355,6	6,5	U.S.C.G.S.
		01 20	LM	E*					
136	2	2 17 35,0	52,5 N	168,0 W		76,8	355,2	6,9	U.S.C.G.S.
		2 29 34	P	Z*, N*	O	76,5			
		2 39 30	S	N*					
		3 12,5	M	E*				18,0	+ 750

(1) Chaque séisme enregistré est identifié, par un numéro suivi des déterminations obtenues dans les Centres Internationaux, ainsi que de la distance et de l'azimut de l'épicentre par rapport à la Station calculés à l'ordinateur IBM 1620.

(2) Les observations sont indiquées à la suite de chaque ligne d'identification.

LISTE DES ABREVIATIONS

Δ_o : distance observée (exprimée au 0,1 de degré).
Δ_c : distance calculée (exprimée au 0,1 de degré)
α : azimuth (exprimé en degrés, et mesuré du N vers l'Est)
h : profondeur de l'hypocentre (exprimée en km ou en fraction du rayon terrestre).
H : heure origine
Z* : séismographe vertical Wiechert.
E* : séismographe horizontal Wiechert (composante E-W)
N* : séismographe horizontal Wiechert (composante N-S).
VG : séismographe vertical Wilip-Somville
EG : séismographe horizontal Galitzine (composante E-W)
NG : séismographe horizontal Galitzine (composante N-S)
ZG : séismographe vertical Grenet.
(...) : douteux
AG.MI. agitation microséismique
AG.ATM agitation atmosphérique
MBT : mauvaise base de temps
COM : compression
DIL : dilatation
h=0 = foyer superficiel
h=0,00 = profondeur 33 km.

1	2	12 21 50.0	56.0 S	002.0 W	.000	106.65	183.72			BCIS
		13 05.0	LQ	EG						
		13 13.0	LR	NG						
2	3	20 19 30.0	39.5 N	015.5 E	.036	13.74	141.01	6.2		USCGS
		20 22 40	IP	VE	.040	13.7				
		20 22 56	PPP	EG						
		20 23 48	I*SP	VG						
		20 24 57	E	EG						
		20 25 06	S	NG						
3	4	12 51 55.0	45.5 N	027.0 E	.000	15.99	100.57	5.9		BCIS
		12 55 50	PP	VG						
4	6	15 17 34.0	46.3 N	012.6 E	.000	7.08	126.29			BCIS
		15 19 48	/PG/	VE		7.1				
		15 20 42	SN	VG						
		15 21 08	S*	VG						
		15 21 25	ISG	EE						
5	7	13 28 16.0	56.0 S	027.5 O	.000	109.57	198.35	6.2		USCGS
		13 55 12	S	EG						
		14 13.0	LQ	EG						
		14 23.0	LR	NG						
		14 28.5	M	EG						
6	7									
		14 48 19	PN	VG		6.8				
		14 48 34	P*	VE						
		14 48 38	E	VG						
		14 49 34	SN	EG						
7	8	07 44 08.0	17.0 S	172.5 O	.000	146.21	354.59			BCIS
		8 03 52	PKP	VG						

8	8	11 29 18.0	55.0 S	027.5 O	.000	108.63	198.73	5.7		USCGS
		12 19.0	LR	EG						
9	8	14 45 53.0	55.5 S	027.5 O	.000	109.10	198.54	6.2		USCGS
		15 31.0	LQ	EG						
		15 41.0	LR	NG						
10	9	03 58 48.0	37.2 N	029.0 E	.000	22.20	118.25	4.8		BCIS
		4 03 49	P	NE	.000	23.2				
		4 07 58	S	VG						
		4 11.3	L	NG						
		4 12.6	M	NG						
11	9	07 23 50.0	36.0 N	069.0 E	.020	47.73	82.00	6.9		USCGS
		7 32 21	IP	EE	.020	48.0				
		7 32 46	*PP	VG,NG						
		7 34 18	E	EE						
		7 34 33	PP	VG,EG						
		7 48.4	L	NG						
12	12	01 52 37.0	23.0 N	122.0 E	.000	88.36	54.75	5.8		USCGS
		3 17.0	M	EG,NG						
		3 20.0	M	NG						
13	12	03 09 10.0	55.5 S	027.0 O	.000	109.00	198.26	6.1		USCGS
		3 38.1	LR	NG						
14	11	03 10 15.0	16.0 N	096.5 E	.000	79.09	78.15	5.7		USCGS
		3 50.1	LM	NG						
15	12	01 52 37.0	23.5 N	122.0 E	.000	87.83	54.43			USCGS

		2 05 30	P	VG						
		2 38,7	LM	EG						
16	12	03 09 10.0	55.5 S	027.0 W	.000	109.18	198.24			USCGS
		4 08,5	L	EG						
17	12	22 22 37.0	16.0 S	173.0 O	.000	145.25	355.54			BCIS
		22 42 22	PKP	VG						
18	13	15 40 34.0	16.0 S	072.0 O	.028	93.79	249.52	7.7		USCGS
		15 53 32	P	NE	.020	93.0				
		15 54 17	I*PP	EE,NE						
		16 04 09	I/SKS/	EE,NE						
		16 04 22	IS	VG						
		16 21,0	LQ	EE,NE						
		16 34,0	LM	NG						
19	13	16 29 41.0	51.5 N	180.0 E	.000	77.92	2.78			USCGS
		16 41 55	P	VG						
20	14	21 25 15.0	11.0 N	043.0 O	.000	55.31	241.41	5.7		USCGS
		21 52,0	LR	VG,EG						
21	15	09 30 24.0	15.0 S	075.0 O	.020	94.81	252.41	6.7		USCGS
		9 43 36	P	VE,EE	.020	95.0				
		9 44 18	*PP	VG						
		9 47 21	PP	VE						
		9 54 12	ISKKS	EG						
		9 54 30	IS	NG						
		9 56 15	IPS	EG						
		9 56 51	PPS	NG						
		10 04 37	SSS	EG						
		10 07 46	SSSS	EG						
		10 12,5	LR	NG						
		10 19,5	M	EG						

		10 24.0	M	NG					
22	16	20 49 31.0	63.0 N	151.0 O	.020	64.97	347.87		USCGS
		20 59 58	P	NG	.020	65.0			
		21 00 22	/*PP/	NG					
		21 02 48	/PP/	NG					
		21 03 53	PPP	VG,NG					
		21 08 26	S	NG					
23	17	02 57 58.0	14.5 S	174.5 O	.020	143.81	358.13	6.5	USCGS
		3 52.5	M	EG					
24	18	19 30 18.0	09.0 N	077.0 O	.012	77.58	269.06		USCGS
		20 14.0	M	EG					
25	19	02 16 52.0	52.0 N	158.0 E	.000	75.26	16.50	6.4	USCGS
		2 28 39	P	VE					
26	19	09 15 04.0	23.0 S	180.0 E	.089	152.03	8.58		USCGS
		9 34 02	PKP	NE					
27	21	10 43 33.0	16.0 S	179.5 E	.095	145.09	8.18	6.1	USCGS
		11 02 56	/PKP/	VG,EG					
28	23	04 40 56.0	04.0 S	127.5 E	.000	113.51	65.68	6.6	USCGS
		5 00 38	PP	EE	.020	117.0 .			
		5 03 07	PPP	VG					
		5 04 57	PPP	NG					
		5 06 23	SKS	NG					
		5 10 12	PS	EG					
		5 11 29	PPS	EG					
		5 16 59	SSP	EG					

		5 21 08	SSS	NG						
		5 39,0	L	EG,NG						
		5 42,0	M	NG						
29	23	06 24 08.0	17.0 S	177.0 O	.061	146.29	2.34			USCGS
		6 43 00	PKP	EG						
30	23	07 31 14.0	04.0 S	127.5 E	.000	113.51	65.68	6.5		USCGS
		8 02 22	/PPS/	EG						
		8 07 23	/SS/	EG						
		8 11 54	/SSS/	EG						
		8 30,5	L	EG						
		8 35,5	M	EG						
31	23	17 56 30.0	04.0 S	127.5 E	.000	113.51	65.68	6.3		USCGS
		18 15 21	PKP	VG	.001	114.0				
		18 23 13	SKKS	EG						
		18 25 54	PS	EG						
		18 27 10	PPS	EG						
		18 32 17	SSP	EG						
		18 56,4	LM	NG						
		19 12,3	M	EG						
32	24	04 21 42.0	15.5 S	179.0 O	.000	144.71	5.61	6.4		USCGS
		4 41 14	PKP	EG	.000	145.0				
		4 44 33	PP	EG						
		4 47 50	PPP	VG						
		4 48 21	SKS	EG						
		4 50 01	PPPP	VG						
		4 50 31	/PKKP/	EG						
		4 51 47	SKKKS	EG						
		4 54 01	PKKS	EG						
		4 55 21	PS	NG						
		5 03 44	E	EG						
		5 04 07	SSP	EG						
		5 30,5	LR	NG						
		5 41,6	MR	NG						
33	25	16 29 26.0	16.0 S	179.0 O	.000	145.20	5.66	6.2		USCGS

		17 11 55	SSP	EG,NG						
		17 46,3	LM	EG						
34	26	09 52 10.0	40.0 N	039.0 E	.000	26.38	100.65	6.1		BCIS
		9 57 52	P	NG		27.0				
		9 58 37	PP	EG						
		9 59 07	/PPPP/	EE						
		10 02 31	S	EG,NG						
		10 07,7	MR	NG						
		10 10,3	MR	EG,NG						
35	26	13 05 38.0	36.7 N	029.2 E	.000	22.67	118.86	5.5		BCIS
		13 10 40	P	VE,EE,EG		22.5				
		13 11 05	PP	VG						
		13 14 38	S	NE						
		13 18,0	MR	NG						
36	26	20 27 05.0	46.0 N	026.9 E	.021	15.70	99.05	5.6		BCIS
		20 30 37	IP	VE,EE,NE	.020	15.5				
		20 30 50	*PP	EE						
		20 33 39	*PS	NE,NG						
37	28	14 34 15.0	44.6 N	006.8 E	.000	6.42	164.20			BCIS
		14 35 52	PN	NE		6.2				
		14 36 06	P*	VE,VG						
		14 36 20	PG	VE						
		14 37 05	SN	NG						
		14 37 21	/S*/	EG						
		14 37 39	SG	EE						
38	31	05 08 18.0	33.5 N	134.5 E	.000	85.31	39.86	6.3		USCGS
		5 20 58	P	EE		85.2				
		5 24 18	PP	VG,EG						
		5 31 19	SKS	NG						
		5 31 31	S	EG						
		5 31 39	ISCS	NG						
		5 32 23	PS	EG						
		5 32 40	/PPS/	EG						

		5 40 28	SSS	EG						
		5 51,6	LR	EG						
		5 59,2	MR	EG						
		6 02,7	MR	EG						
39	31	19 07 23.0	16.0 S	172.5 O	.000	145.22	354.70			USCGS
		19 27 18	F	VG						
		19 27 42	E	VE						
40	1	11 59 39.0	35.0 N	022.8 E	.000	20.69	132.69	5.5		BCIS
		12 04 22	IP	EE,NE,NG		21.0				
		12 05 04	PPPP	VG,EG						
		12 08 13	S	EG,NG						
		12 08 29	IPCP	NG						
		12 08 44	SS	EG,NG						
		12 08 54	SSS	NG						
		12 09 10	SSSS	EG						
		12 11,3	L	EG						
		12 12 07	PCS	NG						
		12 12,7	M	EG						
		12 15 52	SCS	NG						
41	2	23 51 57.0	34.5 N	104.5 E	.000	69.93	59.96			USCGS
		30,0	L	EG,NG						
42	4	03 46 30.0	04.5 S	153.5 E	.000	127.10	39.88	6.5		USCGS
		4 06 45	E	VG						
		4 09 18	PKS	EG,NG						
		4 10 18	PPP	NG						
		4 14 49	SKKKS	NG						
		4 17 32	PCSPKP	EG,NG						
		4 19 04	PKKS	NG						
		4 44,3	LR	EG						
		4 51,3	M	EG,NG						
43	4	09 27 23.0	05.0 S	154.0 E	.011	127.76	39.57	5.5		USCGS
		10 28,0	LR	EG						

44	4	16 50 30.0	39.0 N	143.0 E	.000	83.57	31.21	6.5		USCGS
		17 03 01	P	VG,EG		84.0				
		17 03 08	PCP	VG						
		17 06 21	PP	EG						
		17 08 13	PPP	NE,NG						
		17 09 40	PPPP	VG						
		17 13 25	SKS	VG,NG						
		17 13 29	SKKS	VG,NG						
		17 13 38	SCS	EG						
		17 18 59	/SS/	NG						
		17 22 26	SSS	EG						
		17 25 03	SSSS	NG						
		17 32,2	LR	EG						
		17 37,3	M	EG,NG						
		17 43,0	M	NG						
45	4	20 38 20.0	18.5 S	178.0 O	.095	147.74	4.20			USCGS
		20 57 05	PKP	NE,NG	.090					
		20 59 19	*PPKP	EE						
		21 45,0	L	EG						
46	7	10 07 50.0	05.0 N	123.0 E	.095	103.63	64.13	5.7		USCGS
		10 25 39	/PP/	VG,NG						
47	7	11 16 54.0	15.5 S	173.5 O	.000	144.77	356.42	6.0		USCGS
		11 36 34	PKP	NG						
48	8	12 45 34.0	58.0 S	067.0 O	.000	123.00	217.04	6.7		USCGS
		13 04 30	PKP	EE		123.0				
		13 11 38	SKS	EG						
		13 16 15	PS	EG						
		13 17 38	PPS	EG						
		13 23 24	SSP	NG						
		13 37,2	G	NG						
		13 48,5	M	NG						
49	9	23 55 49.0	04.0 S	128.0 E	.000	113.80	65.24	6.7		USCGS
		10 44	IP	EG		113.5				

		15 25	PP	NE						
		17 48	PPP	EG						
		21 14	SKS	EG						
		22 14	SKKS	EG,NG						
		24 59	PS	EG						
		31 18	SSP	NG						
		35 27	SSS	NG						
		49.8	LR	NG						
		59.8	M	NG						
50	10	23 19 55.0	15.5 S	173.0 O	.000	144.75	355.59	5.8		USCGS
		23 39 32	PKP	NE,VG		144.2				
		23 42 51	PP	VG,NG						
		23 43 32	PKS	EG						
		23 46 06	PPP	NG						
		23 53 32	PS	EG						
		24 42 53	M	EG						
51	18	21 35 11.0	52.5 N	160.0 E	.000	75.13	15.13	5.7		USCGS
		22 18 30	M	EG						
52	19	02 30 15.0	45.6 N	010.5 E	.000	6.62	139.38			BCIS
		2 31 58	PN	EE,NE,VG		6.8				
		2 32 15	P*	VG						
		2 33 12	/SN/	EG						
		2 33 43	S*	NG						
		2 33 50	/SG/	VE						
53	19	10 36 46.0	36.0 N	070.5 E	.000	48.60	80.96			USCGS
		10 45 18	P	NE	.026	49.0				
		10 46 02	*PP	NE						
		10 46 27	I*SP	VE,EE,VG						
		10 46 37	PCP	EG						
		10 47 20	*PPCP	VE,VG,EG						
		10 47 52	*PPP	NG						
		10 48 16	IPPP	EE,EG,NG						
		10 52 04	IS	EE,NE,EG						
		10 52 22	SPP	EG						
		10 52 55	IPPS	NG						
		10 53 24	I*SS	NE						
		10 56 01	I*SSCS	EE						

		10 56 14	I*PSS	NE,NG						
54	21	00 46 56.0	42.0 S	173.0 E	.005	168.16	46.01	6.4		USCGS
		1 15 34	PCPPKP	EG						
		1 22 34	SCSPKP	EG						
55	21	08 13 32.0	36.0 N	004.1 E	.000	14.79	180.82	5.7		USCGS
		8 17 09	P	VE,NE		14.8				
		8 17 24	PPP	NE,VG						
		8 19 54	S	NE,VG						
		8 20,9	L	EG						
		8 22,0	M	EG						
56	21	09 29 15.0	38.0 N	042.0 E	.000	29.45	101.07	5.5		BCIS
		9 35 20	P	VG						
		9 35 33	E	VG						
		9 36 15	PP	VG						
		9 36 30	PPP	NE,NG						
		9 14,9	LQ	EG						
		9 47,3	MR	EG						
57	21	09 39 26.0	20.0 S	178.5 O	.095	149.20	5.25			USCGS
		10 05 14	PPP	NE,EG,NG						
58	22	05 17 18.0	71.5 N	002.5 E	.000	20.81	358.33			USCGS
		5 27 51	E	NE,NG						
59	22	21 04 16.0	39.0 N	020.8 E	.000	16.53	129.20	5.2		BCIS
		21 11 46	SS	EG						
		21 13,0	LM	EG						
60	23	00 31 00.0	39.0 N	020.8 E	.000	16.53	129.20	6.2		BCIS
		34 47	P	NG						

		35 22	PPP	NE						
		37 43	S	NE,EG,NG						
		38 10	SS	NG						
		40,1	L	EG,NG						
		40,7	M	EG						
61	23	07 34 33.0	39.0 N	020.8 E	.000	16.53	129.20	5.5		BCIS
		7 38 36	PP	VG						
		7 38 49	PPP	EG						
		7 41 30	S	VG						
		7 43,7	L	NG						
		7 44,2	M	NG						
62	23	07 47 49.0	39.0 N	020.8 E	.000	16.53	129.20	5.2		BCIS
		7 52 00	PP	VG		16.5				
		7 52 10	PPP	NE						
		7 54 52	S	VG						
		7 57,5	M	NG						
63	23	11 31 04.0	19.0 S	178.0 O	.079	148.23	4.24			USCGS
		11 49 59	PKP1	VG,NG						
		11 50 10	PKP2	EG						
64	23	16 04 50.0	06.0 S	154.5 E	.000	128.87	39.50	6.0		USCGS
		17 20,0	LM	EG,NG						
65	24	21 37 04.0	07.5 S	156.0 E	.000	130.83	38.50	6.6		USCGS
		21 56 18	IPKP	VE						
		21 59 42	IPKS1	VE						
		21 59 59	IPKS2	VG,EG						
		22 03 28	SKS	EE,NE						
		22 03 38	PPPP	VE						
		22 37,0	L	EG						
		22 51,3	M	NG						
66	26	01 06 23.0	02.5 S	128.0 E	.000	112.58	64.30			USCGS

		2 00,0	LR	EG,NG						
67	26	02 08 31.0	01.0 S	138.0 E	.000	116.80	54.18	5.6		USCGS
		3 18,5	M	EG						
68	26	06 32 36.0	20.0 S	174.0 O	.000	149.26	356.98			USCGS
		6 52 19	PKP1	VG,NG		149.0				
		6 52 30	PKP2	VE,EE,NE						
		6 56 03	PP	NG						
69	26	23 29 25.0	50.5 N	178.0 O	.000	79.16	1.53	6.3		USCGS
		23 41 28	IP	VE,EG,NG		78.0				
		23 41 37	PCP	NE,VG,EG						
		23 44 29	/PP/	VE						
		23 46 13	PPP	EG						
		23 51 19	S	EG,NG						
		23 51 46	SCS	EG						
		23 51 58	PS	EG						
		24 09,5	LR	EG						
		24 16,5	M	NG						
70	27	08 10 03.0	51.5 N	178.0 O	.000	78.15	1.51	6.2		USCGS
		8 22 07	P	NE		78.0				
		8 22 16	PCP	NE						
		8 24 56	/PP/	EG						
		8 31 57	S	EG,NG						
		8 32 08	/SKS/	EG						
		8 32 56	PPS	NE						
		8 41,7	LQ	EG,NG						
71	27	08 56 00.0	30.5 S	179.5 O	.000	159.52	9.56			USCGS
		9 15 55	/PKP1/	VG						
		9 16 21	/PKP2/	VG						
72	29	23 40 14.0	30.4 N	009.6 O	.000	22.89	212.40	5.8		BCIS
		23 45 21	IP	VG		22.9				

		23 45 49	IPP	NG						
		23 46 01	PPP	NG						
		23 49 17	/PCP/	EG						
		23 49 28	S	NG						
		23 50 10	SS	NE						
		23 50 31	SSS	NG						
		23 50 38	SSSS	NG						
		23 51 31	LR	EG						
		23 53 00	M	VG						
73	2	21 56 25.0	52.0 N	030.0 O	.000	21.37	286.65			USCGS
		22 01 14	P	EE		21.3				
		22 01 44	PPP	VE,EE,EG						
		22 01 52	PPPP	NE,VG						
		22 05 20	S	EG,NG						
		22 06,7	LR	EG						
74	4	02 15 56.0	50.5 N	177.0 O	.000	79.17	.88			USCGS
		2 28 06	P	VE,VG						
		2 28 13	PCP	EG						
		2 29 05	E	EG						
		2 33 00	PPP	VG						
		2 38 08	S	NE						
		2 47,3	LQ	EG						
75	4	03 53 00.0	31.0 N	129.0 E	.011	85.09	45.16	6.6		USCGS
		4 05 35	P	VE,EE,NE	.010	85.0				
		4 08 57	PP	NG						
		4 15 50	SKS	NG						
		4 15 54	S	NG						
		4 27,5	LQ	EG						
		4 44,6	M	EG,NG						
76	4	16 25 25.0	72.0 N	001.5 W	.000	21.42	355.03			USCGS
		16 30 15	P	VE,EE,EG		21.5				
		16 34 13	S	NE,EG,NG						
77	4	21 05 45.0	07.5 N	094.0 E	.000	83.98	85.53	6.0		USCGS
		22 00,0	LM	EG,NG						

78	5	11 25	00.0	29.0 N	081.0 E	.000	59.92	80.04		USCGS
		11 35	15	P	NE,NG		59.0			
		11 43	21	S	NE,EG					
79	5	13 49	16.0	01.0 N	129.0 E	.000	110.29	61.31	6.6	USCGS
		14 07	48	PKP	NE		110.0			
		14 08	18	PP	NE					
		14 10	43	PPP	EG					
		14 11	33	/PKS/	VG,EG					
		14 14	26	SKS1	EG					
		14 15	05	SKS2	EG					
		14 16	12	/S/	EG					
		14 17	46	PS	NE,NG					
		14 18	57	PPS	EG					
		14 28	03	SSS	NG					
		14 41,9		LR	EG,NG					
		14 47,7		M	EG,NG					
		14 53,5		M	EG					
80	5	15 49	53.0	01.0 N	129.0 E	.000	110.29	61.31		USCGS
		16 08	08	/PKP/	VG,NG					
		16 08	47	/PP/	VG,NG					
81	6	02 22	06.0	01.0 N	129.0 E	.000	110.29	61.31	6.3	USCGS
		3 15,5		LR	EG					
		3 20,5		M	NG					
82	6	04 11	54.0	24.0 N	108.0 O	.000	84.75	301.86	5.2	USCGS
		4 51,8		LR	EG,NG					
		4 57,4		M	NG					
83	8	16 33	38.0	16.5 S	168.5 E	.034	143.49	26.15	7.1	USCGS
		16 52	46	IPKP	VE,EE,NE	.034	143.5			
		16 53	48	*PPKP	VE,NE,VG					
		16 54	19	*SPKP	NG					

		16 56 01	IPP	VE,VG						
		16 56 30	ISKP2	NG						
		16 56 43	IPKS2	VG						
		16 57 05	I*PPP	NG						
		16 57 27	I*SPP	NG						
		16 58 46	SCSPKP	VG						
		16 59 22	IPPP	VG						
		16 59 38	/SKS/	VG						
		17 01 13	PPPP	EG,NG						
		17 02 34	ISKKS	NG						
		17 06 13	SP	NG						
		17 06 47	PS	EG						
		17 08 01	ISPP	EG						
		17 08 41	IPPS	EG						
		17 14 13	SS	NG						
84	9	23 54 20.0	16.0 S	072.0 O	.020	93.79	249.52	6.3		USCGS
		7 34	P	VE,EG	.018	95.0				
		8 12	*PP	NG						
		18 00	SKKS	EG						
		34,4	LQ	NG						
85	10	13 44 25.0	15.0 S	174.0 O	.000	144.29	357.28	5.8		USCGS
		14 04 02	IPKP	NE		143.5				
		14 07 17	PP	EG						
		14 07 35	PKS	NE						
86	10	14 32 39.0	47.0 N	152.0 E	.011	78.75	21.94	6.3		USCGS
		14 44 29	P	NE	.010	78.0				
		14 44 35	PCP	NE						
		14 44 49	/*PP/	NE						
		14 45 15	*SPCP	NE,VG						
		14 47 27	PP	VE,NE,VG						
		14 54 12	S	NG						
87	10	18 55 55.0	14.5 N	091.5 O	.011	82.53	283.67	5.4		USCGS
		19 08 11	P	EE,EG	.010	83.0				
		19 08 39	*PP	NE						
		19 11 23	PP	VG						
		19 18 21	S	NG						
		19 19 40	SPP	EG						

		19 19 49	PPS	EG						
88	11									
		11 29 57,6	PG	EE						
		11 30 00,8	P*	EE,VG,NG						
		11 30 01,2	SG	NE						
		11 30 01,8	S*	EE,EG						
		11 30 05,7	/SN/	NE						
89	11	11 26 20.0	17.5 S	178.5 W	.089	146.68	4.97			USCGS
		11 45 00	PKP	VG						
90	12	11 54 01.0	42.0 N	021.0 E	.000	14.44	121.12	5.6		BCIS
		11 57 32	IP	EG,NG		14.5				
		11 57 43	IPP	NG						
		11 57 52	PPP	VG						
		11 57 57	PPPP	EG						
		12 00 14	S	NG						
		12 00 27	SS	EE,EG						
		12 00 40	SSS	VG						
		12 00 44	LR	EG						
		12 00 52	SSSS	EE,NE						
		12 02 47	PCP	NG						
91	12	13 47 52.0	36.5 S	071.0 W	.019	109.19	235.59			USCGS
		14 02 29	/*PP/	EE						
92	12	20 30 39.0	06.0 S	152.0 E	.000	127.82	42.38	6.5		USCGS
		20 49 53	PKP	VG		127.0				
		20 51 53	PP	EG						
		20 53 35	/PKS/	NG						
		20 54 34	PPP	EG,NG						
		20 57 02	SKS	EG						
		20 58 57	SKKKS	NG						
		21 09 01	SS	EG						
		21 33,0	LR	EG						
		21 42,8	M	EG						

93	13	05 15 04.0	36.9 N	003.2 E	.000	13.92	183.87			BCIS
		5 23.0	M	EG,NG						
94	13	23 53 32.0	07.5 N	077.0 O	.005	78.72	268.08	6.1		USCGS
		5 25	P	VG,EG,NG	.005	78.0				
		5 33	/*PP/	NG						
		8 37	*PPP	NG						
95	14	00 52 00.0	42.5 N	143.0 E	.000	80.40	29.72			USCGS
		1 04 06	PPS	EG						
96	15	09 20 56.0	51.0 N	174.5 O	.000	78.67	359.26	5.5		USCGS
		9 33 05	P	NG						
		9 33 17	PCP	VG,NG						
97	16	17 39 16.0	15.5 S	173.5 O	.000	144.77	356.42	6.2		USCGS
		17 58 55	PKP	EG						
		18 06 09	/SKS/	EG						
		19 06,0	M	EG						
98	21	22 56 58.0	39.5 N	143.5 E	.000	83.28	30.65			USCGS
		23 44,0	M	EG						
99	21	23 21 43.0	39.5 N	143.5 E	.000	83.28	30.65			USCGS
		8,0	M	EG						
100	22	01 48 24.0	16.0 N	097.5 O	.000	85.04	289.14	5.5		USCGS
		2 35,5	M	EG						
101	22	02 31 17.0	61.5 S	154.0 E	.000	160.11	134.35	6.3		USCGS

		2 51 16	PKP1	VG,EG		158.5					
		2 51 53	PKP2	VG							
		2 55 33	PP	EG							
		3 55,0	LR	EG							
		4 05,0	M	EG							
102	22	13 48 43.0	60.5 S	153.0 E	.000	159.93	131.11			USCGS	
		14 10 31	E	EG							
103	23	00 23 22.0	39.5 N	143.0 E	.000	83.12	31.00	6.7		USCGS	
		35 51	P	VE,VG		84.0					
		35 59	IPCP	VE,EE,NE							
		39 12	PP	VG							
		42 31	PPPP	EG							
		46 17	IS	NE,EG							
		46 27	ISCS	NG							
		47 13	PS	EE							
		47 37	PPS	EG							
		51 51	ISS	EG							
		55 21	SSS	EG							
		1 01,9	LR	EG							
		1 06,7	M	EG							
		1 08,8	M	NG							
104	23	01 07 15.0	39.5 N	143.0 E	.000	83.12	31.00	6.4		USCGS	
		1 19 45	P	VE,NE,VG							
		1 19 48	PCP	VE,NE							
		1 30 14	ISCS	NE							
105	23	08 46 44.0	40.0 N	142.5 E	.000	82.50	31.14	5.5		USCGS	
		9 32,0	M	EG							
106	23	10 29 01.0	39.5 N	143.0 E	.011	83.12	31.00	5.7		USCGS	
		14 33 49,2	M	EG							
107	23	11 51 00.0	39.5 N	143.0 E	.000	83.12	31.00	5.7		USCGS	

		12 38,0	M	EG						
108	23	16 01 13.0	39.0 N	144.0 E	.011	83.89	30.50	5.7		USCGS
		16 48,0	M	EG						
109	23	21 34 19.0	39.5 N	143.5 E	.000	83.28	30.65	5.6		USCGS
		22 21,0	M	EG						
110	23	22 22 36.0	39.5 N	143.0 E	.000	83.12	31.00	6.0		USCGS
		22 34 58	/P/	VE,NE		83.5				
		22 38 22	PP	VG						
		22 40 13	PPP	NG						
		22 45 24	SKS	NG						
		22 45 29	S	NG						
		22 45 37	SCS	EG						
		22 51 04	SS	EG						
		23 03,5	LR	NG						
		23 10,1	M	EG						
111	23	23 08 53.0	46.5 N	008.1 E	.000	4.97	148.62	5.0		BCIS
		23 10 09	PN	VG						
		23 10 17	P*	VE						
		23 10 24	IPPP	VG,EG						
		23 10 32	IPG	VE,VG						
		23 11 07	ISN	NE,NG						
		23 11 20	IS*	NE,VG						
		23 11 26	ISSS	VG,EG,NG						
		23 11 33	ISG	VE,NE,VG						
112	23	23 26 15.0	39.0 N	143.0 E	.000	83.57	31.21	5.4		USCGS
		23 38 16	/P/	VE						
113	24	05 54 26.0	47.0 N	152.5 E	.000	78.87	21.61	6.3		USCGS
		6 06 34	P	VE,EE						
		6 09 33	PP	NG						

		6 38.0	M	EG,NG						
114	24	09 56 00.0	50.5 N	173.0 O	.000	79.15	358.28			USCGS
		10 08 24	PCP	VE						
115	24	09 58 56.0	39.6 N	143.8 E	.000	83.12	30.36			BCIS
		10 11 41	PCP	VE,VG						
		10 45.0	M	VG						
116	24	20 02 44.0	40.0 N	142.5 E	.000	82.50	31.14	5.4		USCGS
		20 54.0	M	EG						
117	25	09 45 44.0	12.0 N	046.7 E	.000	51.75	122.99			BCIS
		9 55 38	E	VE						
118	27	03 48 27.0	13.5 S	166.0 E	.000	139.92	28.42	6.0		USCGS
		4 10 59	PP	VG						
		4 15 05	SKS	NG						
		4 29 23	SS	EG						
119	27	08 57 53.0	13.5 S	166.5 E	.000	140.07	27.70	6.5		USCGS
		9 17 23	PKP	VE,VG		140.5				
		9 20 27	PP	VG						
		9 21 09	PKS2	VG						
		9 24 33	SKS	EG						
		9 38 52	/SS/	EG						
		10 08,5	LR	EG						
		10 21,3	M	NG						
120	27	17 24 41.0	30.5 S	178.0 O	.000	159.65	5.86			USCGS
		17 44 39	PKP1	EE		159.5				
		17 45 21	PKP2	VG						

		17 49 03	PP	EG						
121	27	19 35 25.0	13.0 S	166.0 E	.000	139.41	28.15			USCGS
		20 06 44	PCSPKP	VG						
122	27	20 15 45.0	19.0 N	105.0 O	.000	87.07	296.64	5.9		USCGS
		20 28 21	P	EE		85.5				
		20 31 41	PP	EG						
		20 38 53	S	NE						
123	27	23 28 25.0	38.5 S	175.0 E	.036	166.00	31.91			USCGS
		23 49 08	PKP2	VE,EE,NE	.027	166.0				
		23 52 59	PP1	VG						
		23 54 53	/SKS/	NE						
		23 55 09	PP2	EG						
124	28	00 13 38.0	07.5 N	082.0 O	.000	81.90	271.95	6.6		USCGS
		26 00	P	VG						
		26 08	PCP	VG,NG						
		29 09	PP	VG						
		36 18	S	EG						
		37 07	PS	EG						
		45 06	SSS	EG						
		50.8	LR	NG						
		57.1	M	EG						
125	28	02 52 14.0	48.3 N	009.0 E	.000	3.92	127.83			BCIS
		2 53 12	PN	VG		3.8				
		2 53 58	SN	VG						
		2 54 07	S*	VG						
		2 54 18	SG	EG						
126	28	06 35 58.0	13.5 S	166.0 E	.000	139.92	28.42	6.4		USCGS
		6 55 33	PKP	NG						

127	28	06 39 32.0	13.5 S	166.0 E	.000	139.92	28.42			USCGS
		6 59 08	PKP	EG						
128	28	07 55 59.0	13.5 S	166.0 E	.000	139.92	28.42			USCGS
		8 15 34	PKP	VG,EG						
129	28	12 37 50.0	23.0 S	176.0 O	.000	152.26	.71			USCGS
		12 57 47	PKP1	VG,EG						
		12 58 19	PKP2	NG						
130	28	20 48 45.0	57.7 N	032.0 O	.000	22.13	302.30			BCIS
		20 54 01	PP	VG,NG						
		20 55 19	PPPP	VG						
		20 56 33	S	NE						
		20 58 05	SS	NE,EG						
131	29	06 30 54.0	17.0 S	167.0 E	.000	143.52	28.70	6.5		USCGS
		6 50 25	PKP1	VG,NG						
		6 53 39	PP	NG						
		6 54 01	PKS1	EG						
		6 54 21	PKS2	NG						
		6 56 56	/PPP/	VG						
		6 57 34	SKS	VG						
		7 08 37	SS	EG						
		7 17 33	/SSS/	EG,NG						
		7 30,1	LQ	NG						
		7 39,0	LR	NG						
132	29	22 10 20.0	06.0 S	147.0 E	.000	125.56	47.91	6.0		USCGS
		23 16,0	LQ	EG						
		23 27,0	M	EG,NG						
133	30	10 49 47.0	13.5 S	166.0 E	.000	139.92	28.42	6.0		USCGS
		11 09 17	PKP	NE		139.5				

		11 12 15	PP	NG						
		11 16 26	SKS	EG						
		11 19 59	/SKKS/	VG						
		11 55,0	LR	NG						
		12 04,0	M	EG						
134	30	12 58 57.0	69.0 N	017.0 O	.000	20.96	338.45			BCIS
		13 03 42	P	EE		21.0				
		13 04 15	PPP	VG						
		13 07 39	S	EG						
		13 08,9	LR	EG						
		13 09,2	LR	NG						
		13 10,2	M	EG						
135	30	15 19 30.0	22.1 S	174.0 E	.000	150.23	19.63	5.8		USCGS
		15 39 15	PKP1	VG		150.5				
		15 39 32	PKP2	VG,EG						
		15 43 04	PP	VG						
		15 47 56	/PKKP/	VG						
		16 36,0	M	EG						
136	31	03 29 45.0	05.5 S	143.5 E	.000	123.43	51.32			USCGS
		3 50,0	M	EG						
137	31	11 41 45.0	49.0 N	129.5 O	.000	73.09	330.23			USCGS
		12 16,0	LR	EG						
138	31	15 48 13.0	39.5 N	143.0 E	.000	83.12	31.00			USCGS
		16 34,0	M	EG						
139	31	19 56 14.0	26.0 N	110.0 O	.000	84.20	304.50	5.5		USCGS
		20 08 52	P	VG		84.2				
		20 08 16	S	NG						
		20 31,0	LQ	NG						
		20 40,3	M	EG,NG						

140	1	14 12 05.0	49.0 N	129.5 O	.000	73.09	330.23	5.0		USCGS
		14 33 35	PS	VG						
		14 33 44,4	LR	EG						
		11 15,0	M	EG,NG						
141	1	23 02 31.0	17.5 S	180.0 E	.081	146.58	7.56			USCGS
		23 21 21	/PKP2/	EG						
142	2	06 39 08.0	18.5 N	146.0 E	.000	103.25	37.22			USCGS
		6 53 02	/P/	VG						
		7 04 57	S	EG						
		7 06 35	PS	EG						
143	2	22 36 00.0	34.0 N	048.0 E	.000	35.73	101.00			BCIS
		22 58,0	M	EG						
144	2	23 33 09.0	34.0 N	048.0 E	.000	35.73	101.00	5.0		BCIS
		23 57,0	M	EG						
145	5	07 17 45.0	61.0 S	026.0 O	.000	113.99	195.65	6.1		USCGS
		8 16,0	M	EG						
146	7	13 47 28.0	24.0 S	179.5 O	.080	153.09	7.81	6.0		USCGS
		14 06 27	PKP1	VG						
		14 06 48	PKP2	VG,NG						
147	7	23 55 54.0	21.0 S	177.0 O	.030	150.26	2.56	6.0		USCGS
		15 29	IPKP1	VE,EE,NE	.020					
		15 36	IPKP2	VE,NE,NG						

		16 18	*PPKP2	VE,VG,NG						
148	9	02 43 51.0	40.0 N	143.0 E	.000	82.66	30.79	4.7		USCGS
		3 31,0	M	EG						
149	10	00 04 43.0	36.0 N	142.0 E	.000	85.93	33.22	5.2		USCGS
		53,2	M	EG						
		55,5	M	NG						
150	10	20 26 12.0	53.0 N	167.5 E	.000	75.70	10.43			USCGS
		20 38 06	P	VG,NG						
151	10	22 05 25.0	37.8 N	027.6 E	.000	21.00	119.27			BCIS
		22 10 44	PPP	EG						
152	12	01 16 40.0	58.0 N	155.0 O	.000	70.34	348.50			USCGS
		1 27 52	P	VG,NG						
153	12	04 22 39.0	37.8 N	027.6 E	.000	21.00	119.27			BCIS
		4 27 57	PPP	VG,NG						
154	13	07 57 46.0	44.5 N	127.0 E	.000	72.91	39.10	5.6		BCIS
		8 34,0	M	EG						
155	13	12 37 38.0	15.5 N	092.5 O	.000	82.38	285.06	5.7		USCGS
		12 50 02	P	VE,VG		82.0				
		12 50 12	/PCP/	VE						
		12 53 05	/PP/	NG						
		13 00 14	S	EE,NE,NG						

		13 00 32	SCS	EG						
		13 01 05	PS	EG						
		13 05 41	SS	EG						
		13 24,0	M	EG						
156	13	13 14 28.0	52.5 N	169.0 O	.000	77.02	355.84	5.1		USCGS
		13 26 10	P	VG		76.5				
		13 29 08	PP	VG						
		13 30 53	PPP	EG						
		13 35 57	S	EG						
		13 36 32	PS	VG						
157	14	06 24 30.0	08.0 S	118.0 E	.000	110.96	76.42			USCGS
		6 38 58	IP	VG		110.5				
		6 43 04	PKP	VG						
		6 43 44	PP	VG,NG						
		6 49 41	SKS1	NG						
158	15	03 25 38.0	27.0 S	113.0 O	.000	127.42	272.19	6.0		BCIS
		4 25,0	LR	EG						
		4 44,0	M	NG						
159	15	11 39 01.0	40.5 N	142.0 E	.020	81.88	31.27	5.7		USCGS
		11 51 04	P	NE,VG	.022	82.5				
		11 51 11	PCP	VG						
		11 51 48	*PP	NE,VG,EG						
		12 20,0	M	NG						
160	15	22 05 06.0	13.5 S	166.0 E	.000	139.92	28.42	6.0		USCGS
		22 24 23	E	EG						
		23 19,0	M	EG						
161	16	20 38 25.0	45.0 N	150.0 E	.000	80.12	23.99			USCGS
		20 50 36	P	EG						
		21 00 34	S	VG						

162	17	01 12 44.0	54.0 N	164.0 O	.000	75.21	352.92			USCGS
		1 27 22	PP	VG						
163	17	21 49 24.0	20.0 S	180.0 E	.073	149.06	7.98			USCGS
		22 08 25	PKP2	VG						
164	18	08 07 07.0	28.0 N	139.5 E	.070	92.16	38.62			USCGS
		8 18 32	P	NG						
165	19	19 26 00.0	51.5 N	174.0 O	.000	78.16	358.95			USCGS
		19 38 05	P	VG						
166	19	22 44 39.0	13.5 S	166.0 E	.000	139.92	28.42			USCGS
		23 04 03	/PKP/	VG						
		23 07 17	PP	VG,NG						
167	21	02 16 29.0	02.5 S	110.0 O	.000	107.10	287.73	5.7		USCGS
		2 50,5	SS	EG						
		3 16,0	M	EG						
168	21	16 21 57.0	20.5 S	174.0 O	.000	149.75	356.95			USCGS
		16 42 04	/PKP2/	EE						
169	22	20 26 28.0	17.5 S	174.5 O	.029	146.79	358.01	5.5		USCGS
		20 45 51	PKP1	EG	.028	147.0				
		20 45 54	IPKP2	EE,NE,VG						
		20 45 58	IPKP3	NE,VG						
		20 46 46	*PPKP1	VG						
		20 46 50	*PPKP2	VG						

		20 46 53	*PPKP3	VG						
170	24	03 22 23.0	06.0 S	113.5 E	.095	106.62	78.79	7.0		USCGS
		3 40 15	PP	VG,EG	.090	106.7				
		3 41 58	*PPKP	VG,EG						
		3 43 13	PKS	EG						
		3 45 18	SKS	EG						
		3 46 11	SKKKS	EG						
		3 48 31	SP	EG						
		3 49 42	IPS	VG						
		3 54 51	SSP	EG						
		3 58 51	SSS	EG						
171	24	12 14 26.0	28.0 N	054.5 E	.000	43.89	101.78	5.6		USCGS
		12 22 40	IP	EE,NE,VG		44.0				
		12 24 23	PP	VG						
		12 29 12	S	EG						
		12 29 19	PS	VG,EG						
		12 29 26	PPS	EG						
		12 32 37	SCS	EG						
		12 33 06	/SSS/	EG						
		12 35.7	LR	NG						
		12 41.4	M	NG						
172	25	16 28 34.0	38.5 N	025.2 E	.000	19.18	121.83			USCGS
		16 33 02	P	EG		19.5				
		16 36 39	S	VG						
		16 37 34	SSSS	EG						
		16 38.4	M	NG						
		16 39.5	M	NG						
173	26	10 59 55.0	46.7 N	007.5 E	.000	4.60	151.94			BCIS
		11 01 18	P*	VG		4.8				
		11 02 21	S*	NE						
		11 02 28	SSS	NE,VG,NG						
		11 02 32	SG	VE						
		11 08.0	M	EG						
174	26	16 30 19.0	44.5 N	111.0 O	.000	69.85	316.45			USCGS

		16 41 35	P	VG						
175	27	17 39 29.0	27.7 N	054.2 E	.000	43.92	102.36			BCIS
		18 21.0	M	EG						
176	27	22 43 49.0	18.0 N	120.0 E	.000	91.38	59.11	5.1		USCGS
		23 39.0	M	EG						
177	28	02 19 47.0	40.0 N	142.4 E	.000	82.47	31.21			USCGS
		3 09.0	M	EG						
178	29	19 32 16.0	00.0 N	122.0 E	.000	107.08	67.97	6.3		BCIS
		19 51 02	PP	VE,VG,EG		107.0				
		19 53 21	PPP	VG,EG						
		19 57 09	SKS1	EG						
		19 57 49	SKS2	EG						
		20 00 11	PS	EG,NG						
		20 01 18	PPS	EG						
		20 06 15	SS	EG						
		20 06 23	/SSP/	EG						
		20 15.2	LQ	EG						
		20 28.3	M	EG						
179	29	20 44 27.0	00.0 N	121.5 E	.000	106.78	68.39	5.5		USCGS
		21 45.0	M	EG						
180	30	04 01 32.0	00.0 N	122.0 E	.000	107.08	67.97	6.0		USCGS
		4 15 56	P	EE,EG		107.0				
		4 20 21	PP	EG						
		4 22 37	PPP	EG						
		4 23 37	PKS	EG						
		4 26 31	SKS	EG						
		4 27 51	S	EG						
		4 29 41	PS	EG						
		4 30 38	PPS	EG						

		4 58,2		LR		EG					
		5 05,2		M		EG					
181	30	10 12	42.0	36.7	N	027.2 E	.000	21.58	121.98		USCGS
		10 24,0		M		NG					
182	30	11 00	05.0	16.0	S	173.0 O	.000	145.25	355.54		USCGS
		11 19	43	PKP		VG					
183	30	14 17	04.0	09.0	S	157.0 E	.000	132.59	38.08		USCGS
		14 39	40	/PKS/		EG					
184	2	01 00	00.0	44.0	N	084.5 E	.000	52.19	64.20		USCGS
		1 28,0		M		NG					
185	2	11 51	34.0	00.0	N	121.5 E	.000	106.78	68.39		USCGS
		12 39,0		LR		EG					
186	2	12 10	11.0	00.0	N	121.5 E	.000	106.78	68.39	5.7	USCGS
		12 29	03	PP		VG		107.0			
		12 35	12	SKS		EG					
		12 39	12	/PPS/		EG,NG					
		13 06,0		M		EG,NG					
187	2	18 10	47.0	40.0	N	143.0 E	.000	82.66	30.79		USCGS
		18 49,0		LR		EG,NG					
188	3	06 59	04.0	27.7	N	054.2 E	.000	43.92	102.36		USCGS
		7 07	09	P		EG		43.2			

		7 08 47	PP	VG					
		7 13 36	S	EG					
189	3	07 55 07.0	29.0 N	099.5 E	.000	71.17	67.20	5.3	USCGS
		8 06 25	P	VG					
		8 31.1	M	EG					
190	3	08 07 08.0	24.0 S	179.5 O	.000	153.09	7.81		USCGS
		8 34 07	SKS	EG					
191	3	13 22 07.0	00.0 N	121.5 E	.000	106.78	68.39	5.0	USCGS
		13 40 58	PP	VG					
		14 26.0	M	EG					
192	3	14 32 34.0	40.0 N	143.0 E	.000	82.66	30.79	4.7	USCGS
		15 20.0	M	EG					
193	3	22 22 41.0	32.0 N	140.0 E	.020	88.79	36.45	5.2	USCGS
		35 23	IP	EE					
		23 10.0	M	EG					
194	3	23 57 37.0	19.5 S	178.5 O	.095	148.70	5.20		USCGS
		16 25	PKP2	VG,NG					
195	4	18 29 40.0	20.0 S	173.0 E	.000	147.98	20.45	5.6	USCGS
		19 55.0	M	EG					
196	5	11 26 00.0	52.5 N	158.5 E	.000	74.87	16.04	5.2	USCGS
		11 37 45	P	VG					

197	6	18 47	26.0	54.0 N	161.0 E	.000	73.84	14.11	4.8		USCGS
		18 59	03	P	VG						
198	8	14 29	25.0	45.0 N	151.0 E	.012	80.38	23.32			BCIS
		14 41	30	P	NE						
199	9	00 11	10.0	30.5 N	129.5 E	.000	85.74	45.06			USCGS
		23	45	P	VG						
		23	52	PCP	VG,EG,NG						
200	9	01 48	40.0	37.0 N	026.7 E	.000	21.09	122.25			BCIS
		2	00,0	M	NG						
201	9	16 27	26.0	06.5 N	033.5 O	.000	54.17	228.74			BCIS
		16 53,0		M	EG						
202	10	23 17	57.0	34.0 N	131.5 E	.012	83.63	41.79	5.0		USCGS
		5,0		M	EG						
203	11	13 25	00.0	44.6 N	011.2 E	.000	7.73	140.74			BCIS
		13 27	14	P*	VE,VG,EG		7.6				
		13 27	33	PG	VG,EG						
		13 28	18	/SN/	EG						
		13 28	34	SS	VE,EE						
		13 28	48	S*	EG						
		13 29	12	EE,NE,	EG						
204	11	18 36	00.0	03.0 S	131.0 E	.000	114.69	61.91	6.3		USCGS
		18 55	49	PP	VG		115.0				

		19 01 33	SKS1	EG						
		19 02 46	SKKKS	EG						
		19 06 37	PPS	NG						
		19 11 55	SSP	VG						
		19 12 10	/PSPS/	VG						
		19 15 56	SSS	EG						
		19 31,7	LR	EG						
		19 37,5	M	EG						
205	12	22 32 32.0	07.5 N	081.0 O	.000	81.26	271.18	6.2		USCGS
		22 44 54	IP	VE,EE,VG		81.5				
		22 45 03	PCP	VG						
		22 48 04	PP	VG						
		22 49 57	PPP	EG						
		22 51 16	PPPP	EG						
		22 55 04	S	EE,EG,NG						
		22 55 10	SKS	NG						
		22 55 22	SCS	EE,EG,NG						
		22 55 48	/PS/	EG						
		23 07,5	LQ	EG						
		23 12,4	LR	EG						
206	13	03 55 36.0	48.5 N	007.3 E	.000	2.99	139.16			BCIS
		3 56 25	PN	VG		3.0				
		3 56 35	PG	VG						
		3 57 09	S*	EE,EG						
		3 57 14	SG	EE						
207	13	10 00 40.0	20.0 N	109.0 O	.000	88.51	300.27			USCGS
		10 13 29	I/P/	EE						
208	13	16 07 12.0	55.0 N	161.5 O	.000	74.00	351.58	6.0		USCGS
		16 18 51	IP	VE,NG		73.6				
		16 19 06	IPCP	VE,VG						
		16 21 35	PP	NG						
		16 28 21	S	EG,NG						
		16 28 58	SCS	EG						
		16 29 05	PPS	NG						
		16 33 04	SS	NG						
		16 37,4	LQ	EG						
		16 42,3	LR	EG						

209	13	20 46 35.0	32.5 S	179.0 O	.000	161.55	9.00	5.0		USCGS
		21 06 32	PKP1	VG						
		22 08.0	LR	EG,NG						
210	14	22 19 55.0	53.5 N	159.5 E	.000	74.08	15.15	5.0		USCGS
		22 31 34	IP	VE,NE,EG		73.9				
		22 31 48	PCP	EG						
		23 02.0	M	EG						
211	15	13 30 20.0	24.0 N	121.5 E	.000	87.28	54.57	5.2		USCGS
		14 16.0	M	EG						
212	18	06 35 09.0	29.0 N	130.0 E	.012	87.24	45.46	6.4		USCGS
		16 47 50	IP	EE,NE,VG	.010	87.5				
		16 47 55	IPCP	EE,VG,EG						
		16 48 16	*PP	VG,NG						
		16 48 29	I*SP	NE						
		16 51 16	IPP	NG						
		16 51 53	*SPP	EG						
		16 54 44	IPPPP	NG						
		16 58 09	SKS	EG						
		16 58 21	S	VG						
		16 58 32	/SCS/	EG						
		16 59 40	PS	EG						
		17 00 07	PPS	EG						
		17 18.9	LR	NG						
		17 22.9	M	EG						
		17 30.0	M	EG						
213	18	08 41 05.0	27.5 N	052.5 E	.000	43.01	104.14	5.0		BCIS
		8 49 26	E	NG						
		8 50 48	PP	VG						
		8 55 40	PS	NG						
		9 01.0	L	EG						
214	19	02 07 00.0	36.0 N	071.0 E	.030	48.99	80.63	6.2		BCIS

		2 15 34	IP	EE,NE,VG	.018	50.0				
		2 16 10	*PP	VG,EG,NG						
		2 16 25	I*SP	NE,VG,NG						
		2 17 29	PP	VG						
		2 22 32	IS	NE						
		2 26 10	SS	NG						
215	19	10 11 51.0	17.0 S	066.0 E	.000	86.25	122.46	6.2		USCGS
		10 24 37	P	NE,VG						
		10 24 40	PCP	VG,NG						
		10 28 03	PP	VG						
		10 30 02	PPP	VG,EG						
		10 35 09	SKKS	EG						
		10 35 17	S	VG,NG						
		10 36 18	PS	EG						
		10 36 45	PPS	EG						
		10 41 04	SS	EG						
		10 48,9	LR	EG,NG						
		11 00,5	M	EG						
216	20	04 14 33.0	27.5 N	053.0 E	.012	43.32	103.67	5.0		BCIS
		4 24 10	PP	VG,EG,NG						
		4 28 54	S	VG,EG						
		4 29 01	PS	EG						
217	20	11 12 31.0	28.0 S	167.5 E	.000	153.86	35.64	6.5		USCGS
		11 32 23	PKP1	NE		153.8				
		11 32 47	PKP2	EE,NE,VG						
		11 36 20	PP	VG						
		11 39 34	/SKS/	EG						
		11 39 54	PPP	EG						
218	20	17 54 02.0	45.0 N	111.0 O	.000	69.45	316.77			USCGS
		18 05 10	P	NE						
219	21	06 41 12.0	37.8 N	020.0 E	.000	17.10	133.44	5.0		BCIS
		6 45 24	PP	VG,EG						
		6 45 32	PPP	NE						

		6 48 20	S	NE						
		6 51 12	M	EG						
220	21	10 02 50.0	37.5 S	073.5 O	.000	111.13	236.54	8.0		USCGS
		10 17 32	P	VG,EG		111.0				
		10 21 22	PKP	EE,EG						
		10 22 07	PP	VG						
		10 24 22	/PPP/	VG						
		10 25 00	PKS	EE,VG,EG						
		10 28 07	SKS1	EE,EG						
		10 28 32	SKS2	EE,VG						
		10 31 35	PS	VG,EG						
		10 32 18	PKKP1	EE,NE,VG						
		10 32 41	PPS	EE,VG						
		10 36 04	PKKS1	EG						
		10 37 51	SSP	VG						
		10 48,8	LQ	EE,NE						
		11 02,0	M	EE						
		11 11,4	M	EE						
221	21	19 06 23.0	37.5 S	073.5 O	.000	111.13	236.54			USCGS
		20 08,0	M	EG						
222	22	03 46 22.0	37.5 S	073.0 O	.000	110.87	236.22			USCGS
		4 46,0	M	EG						
223	22	06 01 36.0	38.0 S	073.5 O	.000	111.50	236.18	5.2		USCGS
		7 00,0	M	EG						
224	22	08 10 53.0	37.5 S	073.0 O	.000	110.87	236.22	5.5		USCGS
		9 10,0	M	EG						
225	22	10 30 39.0	38.0 S	073.5 O	.000	111.50	236.18	7.4		USCGS
		10 50 03	PP	EE,VG						
		10 51 29	PPP	EG						

		10 55 55	SKS1	VG						
		10 56 54	SKKS	VG						
226	22	10 32 43.0	37.5 S	073.0 O	.000	110.87	236.22	7.5		USCGS
		10 52 05	PP	EG		112.0				
		10 54 14	PPP	EG						
		10 54 51	PKS	EG						
		10 56 14	PPPP	EG						
		10 58 01	SKS1	EG						
		10 58 08	SKS2	EE,EG						
		11 01 33	PS	VG						
		11 02 12	PKKP	VG,EG						
		11 02 45	PPS	VG						
		11 07 40	SS	VG						
		11 25,5	LR	VG						
		11 33,4	M	VG						
227	22	18 55 57.0	38.0 S	073.5 O	.000	111.50	236.18	7.7		USCGS
		19 10 38	P	VG		111.0				
		19 14 32	PKP	VG						
		19 15 11	PP	EE,NE						
		19 17 31	IPPP	EG						
		19 18 05	PKS	VG						
		19 21 13	ISKS1	EG						
		19 22 05	SKKS	VG						
		19 24 45	IPS	VG						
		19 25 59	/PPS/	VG						
		19 29 46	PCPPKP	VG						
228	22	19 10 37.0	38.5 S	074.5 O	.000	112.40	236.45	7.7		USCGS
		19 30 03	PP	VG		112.0				
		19 35 59	ISKS1	EE,NE,VG						
		19 36 31	ISKS2	EE,NE,VG						
		20 07,2	M	NE						
229	22	19 11 17.0	39.5 S	074.5 O	.000	113.14	235.71	8.5		USCGS
		19 30 53	IPP	NE,VG						
		20 11,2	M	NE						
230	23	00 41 46.0	39.0 S	073.5 O	.050	112.24	235.46			USCGS

		1 27.0		M		VG				
231	23	02 56 17.0		43.0 S		075.5 O	.000	116.19	233.67	USCGS
		3 51.0		M		VG				
232	23	05 13 35.0		38.0 S		073.5 O	.000	111.50	236.18 6.5	USCGS
		5 42 25		PS		EG				
		6 08.0		LR		EG				
		6 14.5		M		EG				
233	23	07 09 17.0		48.0 S		077.0 O	.000	120.46	230.46 6.2	USCGS
		8 13.0		M		EG				
234	23	09 52 20.0		37.5 S		073.0 O	.000	110.87	236.22 6.3	USCGS
		10 51.0		M		EG				
235	23	10 37 59.0		43.5 S		073.5 O	.000	115.54	232.11 6.1	USCGS
		11 37.0		M		EG				
236	23	14 01 37.0		42.5 S		074.0 O	.000	115.07	233.17 6.0	USCGS
		15 01.0		M		EG				
237	23	15 44 50.0		43.5 S		073.5 W	.000	115.67	232.08	BCIS
		16 50.0		M		EG				
238	23	19 59 48.0		41.0 S		075.0 O	.000	114.49	234.90	BCIS
		20 59.0		M		EG				

239	23	22 05 44.0	37.0 S	074.0 O	.050	111.02	237.21			USCGS
		23 06.0	M	EG						
240	24	14 46 34.0	44.5 S	167.5 E	.000	166.91	67.49	6.7		USCGS
		15 06 40	PKP1	VG		167.0				
		15 07 46	PKP2	EE,VG						
		15 10 14	PKS	EG						
		15 11 35	EE,VG,	EG						
		15 13 45	SKS	EE						
		15 14 36	PKKP	VG						
		15 25 33	/PPS/	NE						
		15 32 33	/SS/	NG						
		15 33 29	SSP	EE,EG						
		15 38,5	/SSS/	EG						
		15 56,0	LQ	NG						
		16 13,4	M	NG						
		16 21,6	M	EG						
241	24	20 32 43.0	50.5 S	074.0 O	.000	120.75	226.77	5.5		USCGS
		20 51 40	PKP	VG						
		21 29,3	LR	NG						
		21 35,0	M	EG						
		21 37,7	M	NG						
242	25	04 44 14.0	47.0 S	075.0 O	.050	118.79	230.21	5.7		USCGS
		5 20 46	SSP	EG						
		5 40,0	LR	NG						
243	25	08 34 33.0	45.0 S	076.0 O	.000	117.87	232.38	7.0		USCGS
		8 53 21	PKP	NE,NG		118.0				
		8 54 40	PP	VG						
		9 04 23	PS	EE						
		9 05 44	PPS	EG						
		9 10 53	SS	EG						
		9 11 01	/SSP/	NG						
		9 18 54	/SSSS/	EG,NG						
		9 26,1	LQ	EG,NG						
		9 28,9	LR	EG						
		9 36,5	M	EG						

244	25	13 38 28.0	01.0 N	129.5 E	.000	110.57	60.86	5.7		USCGS
		14 35.3	M	NG						
245	25	19 21 48.0	40.0 S	075.5 O	.000	114.03	235.96	4.4		USCGS
		20 24.0	M	EG						
246	26	00 01 25.0	43.0 S	074.0 O	.000	115.43	232.79			USCGS
		55.0	M	EG						
247	26	01 29 10.0	40.5 S	074.0 O	.000	113.61	234.67			USCGS
		2 12.0	M	EG						
		2 38.0	M	NG						
248	26	05 10 11.0	40.6 N	020.6 E	.000	15.22	125.80	6.5		BCIS
		5 13 53	P	EE,NE,VG		15.0				
		5 14 03	IPP	EE,NE						
		5 14 11	IPPP	VG						
		5 14 21	IPPPP	VG,EG,NG						
		5 16 45	S	EG						
		5 17 02	ISS	EE,NE,EG						
		5 17 24	ISSSS	EE,EG,NG						
		5 18.6	M	EG,NG						
		5 18 53	PCP	NE,VG						
249	26	20 05 07.0	27.0 N	093.2 E	.000	68.87	73.01	5.0		USCGS
		20 16 16	P	NE,VG,EG		69.0				
		20 16 35	/PCP/	VG						
		20 18 50	PP	EG						
		20 25 21	S	EG						
		20 26 18	/SCS/	EG						
250	26	19 58 36.0	43.5 S	173.0 W	.000	172.47	345.18			BCIS
		21 00.0	M	EG,NG						

251	27	00 25 03.0	22.0 S	172.0 E	.000	149.67	23.17			USCGS
		44 59	PKP2	NG						
252	27	03 17 21.0	41.0 S	076.0 O	.000	115.01	235.51	5.8		USCGS
		4 12,0	LR	EG,NG						
253	27	23 20 37.0	44.0 S	077.0 O	.000	117.67	233.75			USCGS
		23 36 46	PS	EG						
		23 37 01	/SKSP/	VG						
		23 58,7	LR	EG						
		24 08,4	M	EG						
254	28	03 05 53.0	39.5 S	074.5 O	.000	113.14	235.71	5.5		USCGS
		4 05,0	M	EG						
255	28	11 05 40.0	38.0 S	073.0 O	.000	111.24	235.86	6.0		USCGS
		11 34 35	PS	EG						
		11 35 45	PPS	EG						
		11 52,6	LR	EG						
		12 06,0	M	EG						
256	29	07 39 29.0	38.0 S	072.5 O	.000	110.98	235.54	6.5		USCGS
		7 58 44	PP	EG,NG						
		8 04 44	SKS	VG,EG						
		8 30,4	LR	NG						
		8 38,5	M	EG						
257	29	08 20 01.0	25.5 N	124.5 E	.000	87.57	51.47			USCGS
		8 32 48	P	VG						
		8 36 14	PP	EG						
258	29	21 39 46.0	38.0 S	073.5 O	.050	111.50	236.18	5.3		USCGS

		22 29.0	M	EG,NG						
259	31	02 40 00.0	39.5 S	075.0 O	.000	113.40	236.02	6.2		USCGS
		3 33.0	LR	NG						
260	31	11 02 20.0	18.0 N	062.0 O	.000	61.32	263.46	6.5		USCGS
		11 12 33	P	VE		61.5				
		11 13 17	PCP	VG						
		11 14 51	PP	EG						
		11 16 22	PPP	EG						
		11 20 54	S	NE						
		11 21 11	PS	EG,NG						
		11 22 25	SCS	VG,NG						
		11 27 39	SSS	EG						
		11 31,5	LR	EG						
261	31	13 11 02.0	07.5 S	156.0 E	.000	130.83	38.50			USCGS
		14 26.0	LR	EG						
262	31	16 19 51.0	41.5 S	073.5 O	.000	114.09	233.62			USCGS
		17 20.0	M	EG						
263	1	05 02 56.0	38.0 S	073.0 O	.000	111.24	235.86	6.0		USCGS
		5 57,4	LR	EG						
		6 02,4	M	NG						
264	1	21 12 50.0	42.0 S	074.0 O	.000	114.71	233.55	5.7		USCGS
		22 20.0	M	EG						
265	2	05 58 03.0	46.5 S	074.0 O	.000	117.94	230.06	6.7		USCGS
		6 16 51	PKP	VG		118.0				
		6 18 11	PP	EG						

		6 23 57	SKS2	EG					
		6 25 08	SKKKS	EG					
		6 27 51	PS	EG					
		6 34 25	SS	EG,NG					
		6 38,7	SSS	EG					
266	2	07 22 30.0	33.5 N	060.0 E	.000	43.63	91.32	5.2	USCGS
		7 38 51	PKP2	VG					
267	2	07 47 11.0	05.5 S	151.5 E	.000	127.16	42.68	6.5	USCGS
		8 06 20	PKP	NE,VG		127.0			
		8 08 23	PP	NE,NG					
		8 11 07	PPP	NE,NG					
		8 15 13	SKKS	EG					
		8 19 54	PPS	NG					
		8 25 27	SS	EG					
		8 25 45	SSP	EG					
		8 25 57	PSPS	VG					
		8 29 59	/SSS/	NG					
		8 46,3	LR	NG					
		8 52,1	M	NG					
268	2	12 42 38.0	33.5 N	049.0 E	.000	36.69	100.69	5.0	BCIS
		12 38 39	P	VG					
269	2	18 07 51.0	18.5 N	061.0 O	.000	60.32	263.02		USCGS
		18 37,0	LR	EG					
270	2	18 59 05.0	20.5 S	178.5 O	.086	149.70	5.32		USCGS
		19 17 58	PKP2	VG					
271	2	21 30 58.0	38.5 S	074.0 O	.000	112.14	236.13	5.5	USCGS
		22 33,0	M	EG					

272	3	13 14 38.0	17.5 S	179.5 W	.090	146.62	6.70			USCGS
		13 42 39	SKKS	VG,NG						
273	3	13 23 37.0	17.5 S	179.0 O	.095	146.69	5.84	6.0		USCGS
		13 42 18	PKP1	NE,VG	.085	147.0				
		13 42 20	PKP2	NE,VG,EG						
		13 42 26	PKP3	NG						
		13 46 16	/PKS2/	EE						
274	3	16 18 04.0	41.5 N	141.5 E	.012	80.82	31.18	5.5		USCGS
		16 30 14	P	VG	.007	81.0				
		16 30 35	I*PP	VG						
		16 30 43	*SP	VG,NG						
		16 33 18	PP	VG						
		16 56,0	LR	NG						
275	3	18 17 36.0	42.5 S	075.0 O	.000	115.58	233.76	5.5		USCGS
		19 25,0	M	EG						
276	3	21 38 02.0	31.5 N	114.0 O	.000	81.74	310.57			USCGS
		21 50 26	P	NG						
		21 53 33	PP	VG						
277	4	02 27 06.0	20.0 N	104.5 O	.000	85.99	296.86	6.2		USCGS
		2 50 27	S	NG						
		3 05,0	LR	NG						
278	4	03 02 49.0	39.0 S	073.5 O	.000	112.24	235.46			USCGS
		4 03,0	M	EG						
279	4	08 09 45.0	39.5 N	030.0 O	.000	26.50	258.16			BCIS
		8 15 22	P	VG						

		8 19 52	S	EG					
		8 21,0	LR	EG,NG					
280	4	11 05 10.0	39.5 N	030.5 O	.000	26.81	258.67		USCGS
		11 10 54	P	VE,EE,VG		27.0			
		11 15 33	S	NG					
		11 17,0	LR	EG,NG					
281	4	11 32 53.0	43.5 S	073.0 W	.000	115.42	231.78		BCIS
		12 39,0	M	EG					
282	5	19 30 30.0	31.5 S	177.0 O	.000	160.70	3.51	5.6	USCGS
		20 58,0	M	NG					
283	6	01 17 48.0	41.0 N	125.0 O	.000	78.50	323.32	5.7	USCGS
		1 29 54	P	NG		79.0			
		1 32 51	/PP/	NE,VG					
		1 39 54	S	NG					
		1 51,1	LR	NG					
		1 58,9	M	NG					
284	6	05 55 44.0	45.5 S	073.5 O	.000	116.99	230.57	7.5	USCGS
		6 15 45	PP	EE,VG					
		6 18 10	PPP	NG					
		6 21 23	SKS1	VG					
		6 22 37	SKKS	VG,NG					
		6 25 22	PS	VG					
		6 31 40	/SS/	EG					
		6 32 30	SKKS2	EG					
		6 37 28	PKPPKS	NG					
		6 45,4	LQ	NG					
		6 53,4	LR	NG					
		7 00,0	M	EG,NG					
285	6	17 15 33.0	46.0 S	073.5 O	.000	117.34	230.17	5.5	USCGS
		18 10,0	LR	NG					

286	7	05 22 34.0	40.5 S	072.0 O	.000	112.58	233.44	6.0		USCGS
		5 37 22	P	VG						
287	7	05 25 11.0	17.0 S	098.0 E	.000	105.16	98.19			USCGS
		5 39 11	P	VG						
		5 43 45	PP	VG						
		6 26.0	M	EG						
288	7	12 57 15.0	53.0 N	158.5 E	.000	74.39	15.89			USCGS
		13 08 54	IP	VE,VG,NG						
		13 09 11	IPCP	NE,NG						
		13 11 36	I/PP/	VG						
289	7	12 55 57.0	40.5 S	074.5 W	.000	113.99	234.94			BCIS
		13 59.0	M	EG						
290	7	14 02 16.0	44.0 S	073.5 O	.000	115.91	231.73			BCIS
		15 07.0	M	EG,NG						
291	8	16 19 48.0	35.0 N	035.0 O	.000	32.42	256.17	5.5		USCGS
		16 26 20	P	VE,EE,NE		32.7				
		16 27 31	PP	VG						
		16 27 44	PPP	EG						
		16 31 36	S	VG,EG						
		16 33 37	SS	NG						
		16 33 55	SSS	EG						
		16 34.8	LR	NG						
292	9	02 44 08.0	40.0 N	039.5 E	.000	26.69	100.15	5.0		BCIS
		2 49 56	P	EG,NG						

293	9	08 24 01.0	40.5 N	020.2 E	.000	15.09	126.92	4.5		BCIS
		8 27 21	P	NE,VG						
		8 27 42	PPP	VG						
		8 32 13	M	NG						
294	9	11 23 51.0	18.0 S	169.0 E	.000	145.05	26.11	6.0		USCGS
		11 43 36	IPKP1	VE,NE,NG		145.5				
		11 43 37	IPKP2	EE,VG,EG						
		11 43 38	IPKP3	EE,VG,EG						
		11 46 59	PP	VG						
		11 50 49	/SKS/	VG						
		12 45,0	M	NG						
295	9	17 47 41.0	38.0 N	026.0 O	.000	24.99	250.97			BCIS
		17 53 10	P	VE,EE,VG		25.1				
		17 53 49	IPP	VG,NG						
		17 54 04	/PPP/	VG,EG						
		17 54 08	PPPP	NE,VG,NG						
		17 54 46	PCP	VG,NG						
		17 57 33	S	EG						
		17 58 23	LQ	VG						
		17 58 30	SS	NG						
		17 59 13	LR	NG						
296	10	11 59 06.0	06.5 S	131.0 E	.000	117.54	64.11	6.1		USCGS
		12 17 53	PKP	VG						
297	10	14 29 47.0	37.0 S	075.0 O	.000	111.56	237.85	5.5		USCGS
		14 44 23	/P/	VG,NG						
		14 48 21	PKP	VG,NG						
		14 49 10	IPP	VG						
298	10	21 12 05.0	15.5 S	174.0 O	.000	144.79	357.26	6.0		USCGS
		21 31 45	PKP	VG						
		22 29,0	M	NG						

299	11	00 34 48.0	21.0 S	064.5 O	.045	93.43	240.83	6.0		USCGS
		47 40	P	VG	.030	93.5				
		47 45	/PCP/	VG						
		57 52	SKS	EE,NE,VG						
		58 27	S	EG						
300	11	15 14 07.0	09.0 S	152.5 E	.000	130.71	43.48	6.2		USCGS
		15 33 23	PKP	VG		131.0				
		15 35 44	IPP	VG,EG,NG						
		15 36 51	IPKS1	VG						
		15 37 01	IPKS2	VG						
		15 40 32	SKS1	EG						
		15 40 36	SKS2	EG						
		15 45 55	PS	VG,NG						
		15 47 32	PPS	EG,NG						
		16 20.0	M	NG						
301	11	16 37 40.0	09.5 S	152.5 E	.000	131.16	43.77	6.0		USCGS
		16 56 58	PKP	VG		131.0				
		16 59 18	IPP	VG,NG						
		17 00 24	PKS1	VG						
		17 00 34	PKS2	VG						
		17 02 07	PPP	VG						
		17 04 13	PPPP	EG						
		17 34,7	LQ	NG						
		17 43,7	LR	NG						
302	12	07 19 43.0	36.0 S	098.0 O	.000	124.10	253.33	6.5		USCGS
		8 22,5	LR	NG						
303	13	05 47 05.0	44.5 S	076.5 O	.000	117.77	233.07	6.0		USCGS
		6 52,0	M	NG						
304	13	12 38 45.0	45.0 N	111.0 O	.000	69.45	316.77			USCGS
		12 52 35	PP	NG						

305	13	14 59 48.0	45.0 N	111.0 O	.000	69.45	316.77			USCGS
		15 13 40	PP	NG						
306	13	23 31 53.0	42.5 S	074.5 O	.000	115.32	233.47			USCGS
		38.0	M	EG						
307	14	02 54 13.0	43.0 S	073.0 O	.000	114.93	232.20	5.5		USCGS
		4 00.0	M	EG						
308	14	23 38 13.0	09.0 S	152.5 E	.000	130.71	43.48	5.7		USCGS
		45.0	LM	EG						
309	15	15 36 51.0	41.0 N	142.5 E	.000	81.60	30.71	6.0		USCGS
		15 49 13	IP	NG						
		15 52 22	PP	NG						
		16 15.7	LR	NG						
		16 19.9	M	NG						
		16 24.4	M	EG						
310	15	22 49 39.0	32.0 S	177.5 O	.000	161.17	4.90	6.0		USCGS
		23 10 11	E	VG						
		23 10 31	PKP2	NE,EG						
		23 21.7	M	EG						
311	15	23 27 40.0	00.5 S	133.0 E	.000	113.73	58.58	6.4		USCGS
		23 47 20	PP	VG						
312	15	23 32 35.0	26.0 S	178.5 E	.090	154.82	12.46			USCGS
		23 55 54	E	VG						
		25 02.5	M	EG						

313	16	10 20 04.0	02.0 S	069.0 E	.000	75.76	111.34	5.7		USCGS
		10 31 52	P	VG						
		10 41 38	/S/	VG,NG						
		10 57.3	L	EG						
314	17	05 02 34.0	18.0 S	178.0 O	.095	147.24	4.15			USCGS
		5 21 16	PKP1	NE						
		5 21 21	PKP3	NE						
315	17	16 35 32.0	52.5 N	173.5 O	.000	77.16	358.66	6.0		USCGS
		16 47 37	PCP	NG						
		17 23.0	M	EG						
316	18	02 04 09.0	33.0 N	024.5 E	.000	23.13	132.56			BCIS
		2 09 38	PP	NG						
		2 17.0	M	EG						
317	18	03 19 04.0	09.5 S	152.5 E	.000	131.16	43.77			USCGS
		4 06.0	M	EG						
318	19	03 35 14.0	47.5 N	007.3 E	.000	3.82	148.56			BCIS
		3 36 27	P*	NE,NG		4.0				
		3 36 34	VG,NG							
		3 37 14	I/S*/	NE,VG,EG						
		3 37 26	ISG	NE,VG,NG						
		3 37 39	SSSS	NE,VG,NG						
319	19	12 21 53.0	15.0 S	178.5 O	.080	144.24	4.73			USCGS
		12 40 39	/PKP/	EE,NE,VG						
320	19	17 17 25.0	28.0 N	142.5 E	.000	93.32	36.23	5.2		USCGS
		17 30 49	P	NE,NG						

		18 10,0		LR	EG					
321	20	02 01	08.0	38.0 S	073.5 O	.000	111.50	236.18	7.3	USCGS
		2 15	46	P	NG		111.5			
		2 19	40	/PKP/	VG					
		2 20	27	IPP	EE					
		2 22	53	PPP	EG,NG					
		2 26	23	SKS1	EG					
		2 26	56	SKS2	EG					
		2 27	28	SKKKS	VG					
		2 28	09	S	VG,NG					
		2 30	01	/PS/	NE					
		2 31	05	PPS	VG					
		2 36	03	SS	VG					
		2 40	12	SSS	EG,NG					
		2 48,2		LQ	EG,NG					
		2 56,0		LR	NG					
		3 04,0		M	EG,NG					
322	20	12 59	40.0	39.5 S	073.0 O	.000	112.35	234.78	7.0	USCGS
		13 14	26	P	NE,VG,EG		112.2			
		13 18	19	PKP	VG					
		13 19	05	IPP	EE,EG					
		13 21	23	/PPP/	NG					
		13 25	01	SKS1	EE,EG					
		13 26	47	S	NG					
		13 28	39	IPS	EE,NE					
		13 29	48	IPPS	EG					
		13 33	21	PCPPKP	EE					
		13 38	45	PKPPKP	EG,NG					
		13 52,7		LR	EG					
		13 57,6		M	EG					
		14 08,5		M	EG					
323	20	16 59	35.0	38.5 S	074.0 O	.000	112.14	236.13	5.5	USCGS
		18 00,0		M	EG					
324	21	08 34	39.0	04.5 S	105.0 O	.000	105.60	282.35	6.0	USCGS
		8 48	51	P	VG					
		9 36,0		M	EG					

325	21	21 33 45.0	61.0 S	021.0 O	.000	113.20	193.13	5.7		USCGS
		21 52 23	PKP	VG						
		22 28.0	LR	EG						
326	22	02 27 28.0	30.5 S	178.0 O	.000	159.65	5.86			USCGS
		2 47 22	/PKP1/	VG,NG						
327	22	02 58 24.0	62.0 S	156.5 E	.000	161.04	137.06			USCGS
		3 23 05	/PP/	VG,EG,NG						
328	22	06 40 15.0	39.0 S	074.5 O	.005	112.77	236.08	5.5		USCGS
		7 34.0	LR	EG						
329	22	08 57 19.0	36.5 S	072.5 O	.000	109.85	236.60			USCGS
		9 57.0	M	NG						
330	22	13 58 50.0	68.0 N	018.5 W	.000	20.55	335.42			USCGS
		14 10.0	M	EG,NG						
331	22	16 12 00.0	12.0 N	057.5 E	.000	57.82	112.39	4.5		USCGS
		16 21 57	IP	VE,NE,VG		58.1				
		16 29 59	S	NG						
332	22	23 28 50.0	52.0 N	173.0 O	.000	77.65	358.33	6.0		USCGS
		23 40 49	P	VG						
333	25	02 02 35.0	30.5 S	177.0 O	.000	159.70	3.38	5.7		USCGS
		2 23 16	PKP2	VG						

		3 28,3	M	EG						
		3 40,7	M	NG						
334	25	13 53 37.0	06.5 N	072.5 O	.000	76.64	263.91			USCGS
		14 05 42	PCP	VG						
		14 16 21	/PPS/	NG						
335	25	14 29 13.0	51.5 N	005.7 E	.000	1.10	49.71			BCIS
		14 29 32	PG	EE,NE,VG		1.0				
		14 29 33	IPN	VG,EG,NG						
		14 29 45	ISG	EE,NE,VG						
		14 29 46	IS*	VG,NG						
		14 29 48	ISN	EE,VG						
		14 30 20	I/SS/	EE,NE,VG						
336	25	14 41 42.0	30.5 S	177.0 O	.000	159.70	3.38	6.2		USCGS
		15 01 46	PKP1	VG,NG		160.0				
		15 02 26	PKP2	NE						
		15 06 08	PP	VG						
		15 09 53	PPP	VG						
		15 26 26	/SS/	VG						
		15 58,3	LR	EG						
		16 10,0	M	NG						
337	25	14 58 59.0	30.0 S	177.0 O	.000	159.20	3.32	5.8		USCGS
		15 23 21	PP	VG						
338	25	19 35 27.0	28.0 S	068.0 O	.012	100.90	239.14			USCGS
		20 26,0	LR	NG						
339	27	17 33 56.0	31.5 S	178.0 O	.000	160.64	6.09	5.5		USCGS
		18 20,0	M	NG						
340	29	01 57 16.0	43.0 S	074.0 O	.000	115.43	232.79	6.0		USCGS

		2 22 51	SKS	VG						
		2 50,5	LR	NG						
		3 03,8	M	EG						
341	29	04 29 12.0	30.0 S	177.5 O	.000	159.18	4.54	6.0		USCGS
		4 49 13	PKP1	NE						
		4 49 52	PKP2	VG						
		4 53 35	PP	VG						
		5 57,0	M	EG						
342	29	10 23 00.0	47.2 N	027.0 O	.000	20.81	272.29	5.0		USCGS
		10 27 48	IP	VE,EE,NE		21.0				
		10 27 52	IP	VE,EE,NE						
		10 28 08	IPP	NE						
		10 31 41	IS	EG						
		10 33,8	L	EG,NG						
343	29	17 07 00.0	53.0 N	168.5 O	.000	76.49	355.57	6.3		USCGS
		17 18 54	P	VG,NG						
		17 21 46	PP	VG						
		17 58,0	L	EG						
344	30	19 58 33.0	60.0 N	151.0 O	.000	67.86	346.92			USCGS
		20 12 08	PP	VG						
345	1	07 58 58.0	56.0 N	165.0 E	.000	72.45	11.27	5.5		USCGS
		8 10 30	P	VG						
		8 10 42	/PCP/	VE,VG						
		8 34,2	ILR	EG						
		8 38,4	M	NG						
		8 44,0	M	NG						
346	1	10 10 10.0	10.5 S	165.5 E	.000	136.94	27.75			USCGS
		10 29 39	PKP	VG						

347	2	04 29 30.0	51.5 N	173.5 O	.000	78.16	358.63	5.2	USCGS
		4 41 48	/PCP/	EG					
		5 20,0	M	EG					
348	2	08 58 01.0	45.5 S	075.0 O	.000	117.73	231.41	5.5	USCGS
		9 59,0	LM	EG					
349	2	11 55 41.0	56.0 S	027.0 O	.000	109.47	198.08	5.7	USCGS
		12 14 45	/PP/	NE		109.5			
		12 21 26	SKS2	NG					
		12 22 27	S	EG					
		12 42,6	LQ	NG					
		12 47,7	LR	NG					
		12 55,9	M	EG,NG					
350	2	12 44 21.0	41.0 N	131.5 E	.086	77.64	38.16		USCGS
		12 55 37	PCP	VG					
		13 04 31	/S/	NG					
		13 04 47	SKS	NG					
351	2	21 53 22.0	51.5 N	175.5 O	.000	78.17	359.91		USCGS
		22 05 20	P	EG					
352	3	03 19 19.0	52.0 N	174.0 O	.000	77.66	358.96	5.2	USCGS
		3 31 36	P	VG		79.0			
		3 34 36	PP	NE,NG					
		3 41 48	SKS	NE,NG					
		4 07,0	M	EG					
353	3	07 16 14.0	52.0 N	173.5 O	.000	77.66	358.65	4.5	USCGS
		7 28 08	P	VG,NG					
354	3	20 20 46.0	50.5 N	177.0 O	.000	79.17	.88	6.8	USCGS

		20 32 55	IP	VE,EE,NE		79.4				
		20 33 03	IPCP	EE,NE						
		20 35 59	IPP	NE,VG,EG						
		20 42 55	IS	EE,EG						
		20 43 15	SCS	NE,EG,NG						
		20 43 41	PS	EG						
		20 44 02	PPS	EG						
		20 48 07	SS	NG						
		20 58 42	SKKS2	NG						
		20 58,9	LR	NG						
		21 07,6	M	EG						
355	3	22 52 24.0	50.5 N	177.0 O	.000	79.17	.88			USCGS
		23 04 35	IP	VG						
		23 04 44	IPCP	VG						
356	4	04 28 33.0	52.0 N	131.5 O	.000	71.05	332.91	6.7		USCGS
		4 39 56	P	NE,VG,NG		71.2				
		4 40 18	IPCP	VG						
		4 42 37	PP	VG,NG						
		4 44 17	PPP	NG						
		4 49 14	IS	NE,EG,NG						
		4 49 39	PS	NG						
		4 49 56	SKS	VG						
		4 50 00	ISCS	VG,EG						
		4 53 49	SS	NG						
		4 58,5	LQ	NG						
		5 00,7	LR	NG						
		5 08,2	M	NG						
357	4	13 10 05,0	52.0 N	131.0 O	.000	70.91	332.62	5.8		USCGS
		13 21 54	PCP	VG		70.7				
		13 24 11	PP	VG						
		13 25 59	/PPP/	VG,NG						
		13 31 26	S	VG						
		13 39,1	LQ	NG						
		13 44,0	LR	EG						
		13 47,0	M	EG						
358	4	21 29 25.0	43.0 S	074.0 O	.005	115.43	232.79	5.5		USCGS
		22 30 50	M	EG						

359	5	05 07 59.0	51.5 N	178.5 O	.000	78.14	1.83			USCGS
		5 20 02	P	NE,VG						
		5 23 06	/PP/	VG						
360	5	05 45 30.0	30.5 S	073.5 O	.000	105.86	241.36	6.0		USCGS
		6 41,6	LM	EG						
		6 47,2	M	EG						
361	5	21 15 09.0	08.0 S	071.5 O	.095	87.25	254.04			USCGS
		21 27 08	P	NE,NG						
362	6	05 16 46.0	36.5 N	070.5 E	.030	48.36	80.45	6.6		BCIS
		5 25 11	P	VG	.030	49.0				
		5 25 58	*PP	VG						
		5 26 12	*SP	VG						
		5 27 18	/PP/	NE						
		5 32 05	S	VG						
363	6	07 06 29.0	41.5 S	041.5 E	.000	97.38	152.78			BCIS
		8 27 00	E	EG						
364	6	23 14 19.0	39.5 N	071.5 E	.000	47.14	76.61			USCGS
		23 29 37	S	NE						
		23 35 40	LM	EG						
365	6	23 36 04.0	05.5 S	155.0 E	.000	128.62	38.66			USCGS
		2 18	/SKS/	NG						
366	7	17 37 49.0	38.5 S	073.5 O	.000	111.87	235.82	5.0		USCGS
		18 38.0	M	EG						

367	7	22	37	42.0	37.5 N	068.0 E	.000	46.17	81.09		BCIS
		22	43	54	L	EG					
368	8	12	51	27.0	30.5 N	130.5 E	.012	86.19	44.32	5.8	USCGS
		13	04	02	IP	VG					
		13	07	26	PP	VG					
369	8	15	23	42.0	14.0 S	167.5 E	.030	140.83	26.47		USCGS
		15	42	53	PKP	NG					
		15	45	56	PP	VG					
370	8	20	17	18.0	44.5 S	076.5 O	.000	117.77	233.07		BCIS
		21	20	32	LM	EG					
371	9	00	42	29.0	25.5 N	125.5 E	.000	88.06	50.71	5.2	USCGS
		1	28	44	LM	EG					
372	9	22	42	54.0	41.0 N	021.0 E	.000	15.14	123.91		BCIS
		22	46	22	P	NE	.000	15.0			
		22	46	40	PP	NG					
		22	48	54	/S/	VG					
		22	50,8		LM	EG,NG					
373	10	00	05	38.0	01.0 N	098.5 E	.020	91.80	86.17	6.5	USCGS
			18	32	P	EE,NE,EG	.000	92.0			
			18	34	IPCP	VG,EG					
			19	35	I*SP	VG					
			22	09	PP	VG					
			24	10	PPP	NE					
			25	50	PPPP	NE,VG					
			29	06	SKS	EG					
			29	17	SKKS	EG					

		29 31	S	VG						
		29 34	ISCS	EG,NG						
		30 47	PS	VG						
		31 22	PPS	EG						
		35 42	SS	NE,EG,NG						
		35 49	SSP	EG,NG						
		42 16	SSSS	NE						
		46,5	LR	NG						
		1 01,7	M	EG,NG						
374	11	06 58 28.0	38.0 S	075.0 O	.000	112.30	237.13	5.3		USCGS
		7 13 33	E	NE,VG,NG						
375	11	11 55 10.0	16.0 S	172.0 O	.000	145.19	353.86	6.0		USCGS
		12 14 50	IPKP1	VE,VG		145.0				
		12 14 52	IPKP2	VE,NE,VG						
		12 18 10	PP	VG						
		12 25 00	ISKKS	VG,EG						
376	12	00 46 50.0	46.3 N	005.7 E	.000	4.59	168.30			BCIS
		48 04	PN	NG		4.6				
		48 59	SN	VG						
		49 12	S*	EG						
		49 23	ISG	NE,VG,NG						
377	12									
		23 01 39	I	NE						
378	13	07 55 58.0	54.0 S	001.0 E	.000	104.37	182.05	6.2		USCGS
		8 14 16	/PP/	VE		104.0				
		8 20 43	SKS	NE						
		8 29 11	SS	NG						
		8 45,2	LR	NG						
		8 51,0	M	EG						
379	13	10 20 31.0	40.4 N	023.6 E	.000	16.96	120.38	4.5		BCIS

		10 24 20	P	NE	.000	1605				
		10 24 33	PP	EG,NG						
		10 24 48	PPP	NG						
		10 27 24	S	NE						
		10 30 04	M	NG						
380	13	13 01 00.0	40.6 N	023.4 E	.000	16.71	120.25	5.5		BCIS
		13 04 53	P	NE	.000	16.7				
		13 05 06	IPP	VE,NE,NG						
		13 05 12	PPP	EG						
		13 08 21	SS	VG						
		13 09 51	PCP	VG,EG						
		13 10 00	LM	NG						
		13 10,5	M	NE						
		13 13 24	PCS	VG,EG						
381	13	15 20 34.0	21.0 S	178.0 O	.000	150.22	4.44			BCIS
		15 48 30	E	VG						
382	13	20 27 46.0	34.0 N	139.0 E	.000	86.63	36.31	5.6		USCGS
		20 40 32	P	NE						
		21 13 33	LM	EG						
383	13	21 45 09.0	09.5 S	075.0 O	.020	90.56	255.83			USCGS
		22 01 35	IPP	NE						
384	14	02 07 21.0	25.0 N	124.5 E	.030	87.98	51.74			USCGS
		2 56 10	LM	NG						
385	14	04 17 51.0	46.6 N	012.8 E	.000	6.99	123.70			BCIS
		4 19 38	PN	VG		7.0				
		4 21 05	SN	VG						
386	14	10 27 07.0	05.0 N	127.5 E	.010	106.16	60.30	5.7		BCIS

		10 41 18	P	VG		.000	106.2			
		10 52 55	SKS	EG						
		11 21 51	LM	NG						
387	14	10 45 02.0	23.5	S	180.0	E	.089	152.53	8.69	USCGS
		11 03 40	PKP	VG						
388	14	15 21 41.0	01.0	N	120.5	E	.000	105.39	68.62	USCGS
		15 40 38	E	NE,VG						
389	14	18 39 34.0	07.0	N	038.5	E	.000	52.01	135.05	6.3 USCGS
		18 48 52	P	NE				52.0		
		18 56 04	S	VG						
		19 07 26	LM	NG						
390	14	22 11 06.0	36.5	N	070.0	E	.010	48.05	80.79	4.5 USCGS
		22 19 44	IP	VG						
391	15	23 43 34.0	55.0	N	035.0	O	.000	23.90	295.51	BCIS
		23 57 10	LM	EG,NG						
392	16	22 02 53.0	65.5	N	167.5	O	.000	63.95	356.23	USCGS
		22 50 53	LQ	NG						
393	17	05 14 56.0	36.0	N	069.0	E	.030	47.73	82.00	6.0 USCGS
		5 26 03	PP	EG						
		5 39 51	LM	NG						
394	17	11 50 15.0	10.5	N	062.0	O	.010	66.99	258.10	USCGS
		12 03 18	E	NE						

395	17	19	42	38.0	10.0 S	013.0 O	.000	62.33	199.37		USCGS
		20	13	21	LM	EG					
396	18	00	54	07.0	07.0 N	094.0 E	.020	84.36	85.85	5.7	USCGS
		1	06	38	P	NE					
397	18	01	43	29.0	04.5 S	151.0 E	.030	126.05	42.70	6.5	USCGS
		2	02	07	PKP	VG					
		2	04	24	/PP/	EG					
		2	49	10	LM	NG					
398	18	04	40	54.0	56.0 N	111.0 E	.000	57.55	17.46		USCGS
		4	53	00	PP	VG					
399	18	16	51	41.0	37.5 N	070.5 E	.000	47.74	79.40		USCGS
		17	07	23	S	EG					
400	18	18	50	32.0	07.0 S	051.5 E	.000	70.36	129.45		USCGS
		19	01	53	P	VG,EG					
401	19	04	19	14.0	07.0 S	080.0 O	.000	91.74	261.24		USCGS
		4	42	58	SKS	EG					
		5	06	10	LM	EG					
402	19	11	12	55.0	28.5 S	068.5 O	.030	101.56	239.18		USCGS
		11	26	10	P	NE,VG					
		11	37	23	/S/	VG,NG					

403	19	18 29 31.0	13.5 S	146.0 E	.010	131.50	53.77			USCGS
		18 44 12	E	VG						
404	20	09 30 38.0	49.0 N	157.5 E	.000	78.04	17.71	6.0		USCGS
		9 42 40	iP	VG		78.0				
		9 42 47	PCP	EE,NE,VG						
		9 52 33	S	VG						
		9 52 53	SKS	EG						
		9 57 36	SS	EG						
		10 13,9	M	EG						
405	20	20 59 25.0	20.5 S	169.0 E	.030	147.42	27.47	6.2		USCGS
		21 18 50	PKP	NE,VG,EG						
		21 22 21	I/PP/	VG						
		22 10 27	LM	EG						
406	20	21 38 23.0	38.0 S	073.5 O	.000	111.50	236.18	5.7		USCGS
		21 57 09	/PKP/	EG						
		22 31 53	LR	EG						
407	21	20 51 20.0	27.0 N	142.5 E	.000	94.22	36.65			USCGS
		21 04 48	P	NG						
		21 15 58	S	EG						
408	22	06 35 06.0	54.0 N	037.5 O	.000	25.48	293.63			BCIS
		6 40 38	P	EG						
		6 41 12	PP	EG						
		6 47 51	LM	EG						
409	23	07 31 38.0	21.5 S	179.5 O	.095	150.62	7.34			USCGS
		7 50 17	PKP	NE						
410	24	09 48 56.0	56.0 N	164.0 E	.000	72.32	11.84	5.8		USCGS

		10 00 24	P	NG		72.0				
		10 03 11	PP	VG						
		10 09 41	S	EG						
		10 10 19	PS	VG						
		10 20,4	LQ	EG						
		10 30,7	M	NG						
411	25	03 41 05.0	55.0 N	163.0 E	.000	73.16	12.67	6.5		USCGS
		3 52 36	IP	NE,VG,NG		72.5				
		3 52 55	IPCP	EG						
		3 55 20	PP	NE,NG						
		4 02 00	S	NE,VG,EG						
		4 02 28	/PS/	NG						
		4 06 41	SS	EG						
		4 10,0	SSS	NG						
		4 12,0	LQ	NG						
		4 16,0	LR	EG						
		4 23,0	M	EG,NG						
412	25	11 12 00.0	54.0 N	159.0 E	.010	73.51	15.30	7.0		USCGS
		11 23 28	P	VG	.010	74.0				
		11 23 30	IP	VG,EG,NG						
		11 23 48	IPCP	NE,VG,EG						
		11 23 53	I*PP	NG						
		11 24 04	I*SP	VG						
		11 24 14	I*PPCP	VG						
		11 24 26	I*SPCP	VG						
		11 26 14	IPP	NE						
		11 26 39	*PPP	VG						
		11 26 51	I*SPP	VG,EG						
		11 28 01	PPP	VG,EG						
		11 29 09	IPPPP	NG						
		11 32 48	IS	EE,EG,NG						
		11 33 21	ISKS	NE						
		11 33 27	I/*SS/	NG						
413	25	21 36 46.0	03.0 S	148.0 E	.000	123.39	45.17			USCGS
		22 41 56	LM	EG						
414	26	03 55 54.0	40.5 N	144.5 E	.000	82.69	29.53	5.0		USCGS
		4 37 53	LM	EG						

415	26	12 36 19.0	40.5 N	037.0 E	.000	24.85	101.77	4.5		BCIS
		12 41 43	P	EE	.000	24.7				
		12 42 28	PPP	NE						
		12 45 21	PCP	NE,NG						
		12 47 17	SSS	NE						
		12 51 00	M	EG						
416	27	03 57 21.0	59.5 S	026.0 O	.000	112.58	196.22			USCGS
		4 14 23	LM	NG						
417	27	10 05 07.0	44.5 S	076.0 O	.020	117.52	232.78	6.5		USCGS
		10 24 54	PP	EG	.010	117.0				
		10 30 40	SKS	EG						
		10 31 57	SKKKS	EG						
		10 34 42	/PS/	EG						
		10 56,9	LR	EG						
		11 09,0	M	EG						
418	27	14 10 01.0	05.5 S	147.5 E	.020	125.36	47,09			USCGS
		14 29 13	PKP	EE,EG						
419	28	01 18 51.0	21.0 S	178.0 E	.000	149,85	11,89			BCIS
		1 38 43	PKP	VG						
420	29	00 24 06.0	19.5 S	170,5 E	.000	146,89	24.44	6.2		USCGS
		43 54	PKP	NE,VG,EG						
		50 33	/PPP/	NG						
		1 27,0	LQ	EG						
		1 35,0	LR	NG						
421	29	01 50 32.0	19,5 S	170.0 E	.010	146,76	25.27			USCGS
		2 08 30	E	EE						

422	29	10 42 43.0	26.5 N	090.5 E	.000	67.51	75.25			USCGS
		10 54 10	PCP	NE,NG						
		11 17 24	LM	NG						
423	29	14 33 40.0	32.0 N	067.5 E	.000	49.37	87.13	5.3		USCGS
		15 00 30	M	EG						
424	29	17 31 45.0	40.0 N	142.5 E	.010	82.50	31.14	6.8		USCGS
		17 43 58	P	NE,VG,EG	.010	82.5				
		17 44 00	IP	VG,NG						
		17 44 05	IPCP	VG						
		17 47 10	IPP	NE,NG						
		17 49 04	PPP	EG						
		17 54 06	S	NE,EG						
		17 54 53	*SS	VE						
		17 55 00	ISP	EG						
		17 55 12	IPS	EG						
		17 55 21	I/SPP/	NE						
		17 55 31	IPPS	NG						
		17 59 34	SS	EG						
		18 03 05	/SSS/	EG,NG						
		18 09,9	LR	EG						
		18 14,2	LM	NG						
425	30	14 12 34.0	56.0 N	164.0 E	.000	72.32	11.84	5.5		USCGS
		14 45,0	LR	EG						
		14 53,2	M	NG						
426	31	02 55 51.0	06.0 S	150.0 E	.010	126.94	44.63	7.0		USCGS
		3 14 57	PKP	VG	.000	127.0				
		3 16 51	PP	EG						
		3 19 40	PPP	EG,NG						
		3 22 05	SKS	VG						
		3 28 29	PPS	NG						
		4 03,2	M	NG						
		4 10,0	M	NG						

427	31	07 04 36.0	06.0 S	150.0 E	.010	126.94	44.63	6.0		USCGS
		8 05,2	LR	NG						
		8 17,4	M	EG						
428	31	14 54 59.0	43.5 S	075.0 O	.000	116.30	232.99	5.8		USCGS
		15 46,8	LR	EG						
		15 57,2	M	EG						
429	31	18 46 12.0	03.0 S	147.0 E	.000	122.94	46.23			USCGS
		19 56 14	M	EG						
430	31	22 26 49.0	28.0 N	055.0 E	.000	44.20	101.33	5.0		USCGS
		22 35 04	P	NG		44.4				
		22 41 28	S	EG						
		22 52 02	M	NG						
431	1	02 20 54.0	28.0 N	054.3 E	.005	43.77	101.97	6.7		USCGS
		2 28 50	P	NE						
		2 35 23	SP	EG,NG						
		2 46 05	M	NG						
432	2	05 07 24.5	22.2 S	171.4 E	.012	149.70	24.33	6.2		USCGS
		5 26 58	PKP1	NG	.010	150.0				
		5 27 05	PKP2	VG,EG						
		5 27 23	*PPKP1	EG						
		5 30 38	PP	NG						
		5 33 /50/	SKS	EG						
		5 50,0	SS	EG						
433	2	09 30 36.5	28.5 N	177.0 O	.015	101.13	1.22	5.7		USCGS
		11 04 30	M	EG						
434	2	20 51 01.9	84.5 N	002.0 E	.000	33.90	359.59			USCGS

		20 57 52	P	VG,NG						
435	3	01 13 39.4	40.5 S	072.3 O	.005	112.74	233.63	5.3		USCGS
		2 14 27	LM	EG						
422	4	05 43 39.8	20.3 S	179.2 W	.099	149.42	6.57			USCGS
		6 50 54	LR	EG						
437	4	07 34 48.5	51.2 N	179.0 E	.000	78.37	3.44	6.1		USCGS
		7 46 49	P	NE,VG	.000	78.5				
		7 56 51	SKS	EG						
		7 57 11	/SP/	VG						
		8 01,9	SS	EG						
		8 06,0	L	NG						
		8 23,0	M	EG						
438	5	05 53 36.0	36.3 N	001.4 E	.000	14.65	189.49			USCGS
		6 01 06	M	EG						
439	5	16 06 36.1	50.2 N	157.0 E	.002	76.80	17.67			USCGS
		16 18 32	*PP	VG,EG	.002					
440	5	22 27 39.7	51.2 N	178.7 E	.002	78.36	3.63	5.6		USCGS
		22 39 37	P	NG						
		23 13 44	M	EG						
441	6	14 49 52.8	42.6 S	075.7 O	.009	116.01	234.10	5.7		USCGS
		15 56 04	M	EG						
442	7	03 18 37.0	40.9 N	143.5 E	.005	82.01	30.06			USCGS

		4 04 15	LM	EG						
443	7	16 27 16.2	42.4 N	111.5 O	.004	71.74	315.40			USCGS
		17 18 28	M	EG						
444	8	12 28 08.5	12.1 N	044.6 E	.000	50.56	125.15	5.2		USCGS
		12 58 08	M	NG						
445	8	15 34 26.4	02.1 S	012.6 O	.000	54.60	200.94	5.1		USCGS
		16 03 14	LM	EG						
446	8	20 36 19.0	35.6 N	027.7 E	.000	22.67	123.10	4.2		USCGS
		20 41 34	*PP	EG,NG	-.001	22.6				
		20 45 27	S	EG						
		20 47,6	LR	EG,NG						
		20 51 55	M	EG						
447	9	06 21 52.1	56.2 N	164.3 E	.000	72.17	11.62	5.5		USCGS
		6 33 13	P	VG						
448	9	07 39 19.0	40.4 N	126.8 O	.000	79.69	324.23	6.3		USCGS
		7 51 37	*PP	VG	-.003					
		7 51 41	*SP	VG						
		8 01 42	/SKS/	EE						
		8 01 51	/*SS/	VG						
		8 12,7	G	EG						
		8 17,1	LR	EG						
		8 21,5	LM	EG						
449	9	16 46 33.5	24.6 S	177.3 O	.015	153.82	3.42	6.5		USCGS
		17 06 17	PKP1	VG						
		17 06 44	PKP2	NG						

		18 02 48	LM	NG						
450	9	23 36 50.3	11.6 S	166.1 E	.000	138.16	27.40	5.7		USCGS
		24 47 15	LM	EG						
451	11	02 53 21.1	00.1 N	121.4 E	.005	106.64	68.41			USCGS
		3 58 07	M	EG						
452	11	04 50 33.0	09.0 N	126.3 E	.005	102.20	59.06	6.0		USCGS
		5 45 01	LM	EG						
453	12	13 12 34.1	36.3 N	141.3 E	.005	85.42	33.60			USCGS
		13 25 08	P	VG,EG	.000	85.0				
		13 25 11	PCP	NG						
		13 25 18	*PP	VG						
		13 57 13	LM	EG						
454	13	07 11 05.9	40.4 N	142.4 E	.005	82.11	31.04	6.0		USCGS
		7 23 23	P	EE,NE,VG	.010	82.0				
		7 23 36	*PP	NE						
		7 26 34	PP	EE,VG,EG						
		7 49,0	LR	EG						
		7 58,0	M	EG						
455	13	14 14 56.6	40.4 S	074.9 O	.005	114.00	235.29	6.7		USCGS
		14 29 46	P	EG		113.0				
		14 33 37	PKP	VG,EG						
		14 34 32	PP	NE						
		14 40 18	SKS	EG						
		14 41 24	SKKS	NE,NG						
		14 44,0	PS	EE,VG,NG						
		14 50,5	/SSP/	EG						
		14 54,5	SSS	EG						
		15 03,5	G	EG						
		15 09,0	LR	EG						

		15 17.6	M	VG						
456	14	04 00 56.0	45.9 N	151.0 E	.005	79.53	22.99			USCGS
		4 44 58	LM	EG						
457	17	09 33 47.0	19.9 S	011.8 O	.005	71.73	196.00			USCGS
		10 09 21	LM	EG						
458	17	11 24 04.7	19.5 S	011.5 O	.000	71.29	195.79	5.5		USCGS
		12 00 12	LM	EG						
459	17	15 28 07.0	49.7 N	007.2 E	.000	2.13	120.00			BCIS
		15 28 39	PN	VG		1.9				
		15 28 42	P*	EE,NG						
		15 28 48	PG	NE						
		15 29 12	SG	VE,NE						
460	18	20 47 06.2	44.2 N	147.8 E	.006	80.27	25.77			USCGS
		20 59 13	P	EE,VG,EG						
461	18									
		22 28 37	LM	EG						
462	18	22 43 50.1	11.5 S	166.1 E	.008	138.06	27.35	5.3		USCGS
		23 45 50	LR	EG						
463	18	23 36 13.7	40.0 N	020.3 E	.000	15.52	127.95			USCGS
		23 58 14	M	EG						

464	20	20 08 41.2	35.7 S	015.4 O	.000	87.78	195.98	6.0		USCGS
		20 21 34	P	VG	.000	88.0				
		20 32 08	S	NG						
		20 37 54	SS	NG						
		20 45.7	LQ	EG						
		20 50.0	LR	EG						
465	20	21 19 52.7	35.3 S	015.7 O	.000	87.44	196.31			USCGS
		22 02 11	LM	EG						
466	21	17 20 54.9	15.4 S	176.0 O	.000	144.71	.60			USCGS
		18 37 56	LM	EG						
467	23	08 58 11.2	29.1 N	059.8 E	.005	46.44	96.07			USCGS
		9 06 42	P	NE,VG						
		9 27 37	M	EG						
468	23	14 08 15.5	00.9 N	025.9 O	.000	55.88	217.46	5.5		USCGS
		14 25 48	S	NG						
		14 33.0	L	EG,NG						
		14 37 50	LM	EG						
469	23	22 44 51.5	14.6 S	176.4 O	.005	143.92	1.25	6.0		USCGS
		23 07 42	PP	NG						
		23 59.0	LM	NG						
		24 06.0	M	EG						
		24 09.1	M	NG						
470	24	01 44 12.5	56.2 N	164.1 E	.002	72.14	11.74	6.2		USCGS
		2 05.1	S	EG,NG						
		2 13.3	SSS	EG						
		2 17.0	LR	EG						
		2 28.0	M	EG						
		2 32 40	M	VG						

471	24	05 49 01.1	19.1 S	174.1 O	.002	148.37	357.22			USCGS
		6 08 58	PKP	NE,VG	.002					
		6 09 08	*PPKP	NE,VG						
		7 11.0	M	EG						
472	25	17 41 56.8	52.5 N	169.2 O	.000	77.03	355.96	5.5		USCGS
		17 53 52	P	NE,VG	-.002	77.0				
		17 54 03	*PP	VG						
		18 03 55	/SKS/	EG,NG						
		18 23,5	LM	NG						
		18 31,3	M	EG						
473	25	23 02 18.0	38.3 S	074.1 O	.000	112.04	236.34			USCGS
		23 58,7	LR	EG						
		24 12,0	M	NG						
474	26	00 14 05.8	38.0 S	074.3 O	.000	111.92	236.68			USCGS
		1 09 40	LR	NG						
475	26	07 09 47.3	29.0 N	067.6 E	.005	51.45	89.91			USCGS
		7 26 16	SP	VG						
476	26	18 27 19.6	13.5 S	165.7 E	.005	139.83	28.85	5.5		USCGS
		18 49 40	PP	VG						
477	27	10 17 16.4	34.4 N	026.2 E	.000	22.82	127.53			USCGS
		10 22 20	P	EE,NE,VG	.000	23.0				
		10 22 28	*PP	EE,NE,VG						
		10 26 22	S	EG,NG						
		10 29 46	LM	EG						

478	27	18 16 10.0	49.5 N	154.5 E	.030	76.95	19.47			USCGS
		18 27 45	P	NE,VG	.030					
		18 29 00	*SP	NG						
479	28	06 05 17.4	04.2 N	082.5 O	.000	84.73	270.23			USCGS
		6 28,3	S	EG						
		6 42.5	M	NG						
480	29	18 00 40.5	35.3 N	026.8 E	.006	22.43	125.07			USCGS
		18 05 40	P	VG	.000	22.9				
		18 05 51	*PP	VG,NG						
		18 09 49	S	EG						
		18 13 19	M	EG,NG						
481	31	17 21 57.0	13.8 N	119.9 E	.000	94.73	61.59	5.2		USCGS
		18 11 27	M	EG						
482	31	22 11 51.2	39.2 N	036.4 E	.000	25.25	104.89			USCGS
		22 27 32	M	EG,NG						
483	1	09 28 19.5	16.8 S	167.0 E	.005	143.33	28.60	6.0		USCGS
		10 51 12	M	NG						
484	1	15 37 14.4	56.1 N	153.7 O	.000	72.01	347.28	6.0		USCGS
		15 48 38	P	NE	.000	72.5				
		15 48 57	PCP	VG						
		15 58 00	S	NE,EG						
		15 58 28	/PS/	VG,NG						
		15 58 38	/SKS/	EG						
		16 02,5	/SS/	NG						
		16 12,5	LR	EG						
		16 18,3	M	EG						

485	1	18 41 16.2	15.8 S	179.2 E	.000	144.86	8.65			USCGS
		19 00 52	PKP	VG						
486	1	20 02 12.8	16.1 N	179.0 O	.020	113.40	3.52			USCGS
		20 21 41	/PP/	VG						
		21 18 41	M	NG						
487	2	13 46 10.0	28.7 N	098.3 E	.002	70.68	68.24			USCGS
		14 06,5	S	EG						
		14 22,5	LR	NG						
		14 31,0	M	EG						
488	2	22 02 48.9	52.0 N	171.4 O	.002	77.61	357.32	5.7		USCGS
		22 14 45	P	VG	.000	77.5				
		22 24 29	S	EG						
		22 32,9	SSS	EG						
		22 35,5	G	NG						
		22 40,5	LR	EG						
		22 49,6	M	EG						
489	2	05 41 39.9	20.9 S	174.4 O	.005	150.16	357.67			USCGS
		6 01 37	PKP2	VG						
490	3	12 41 34.9	06.1 S	154.5 E	.070	128.96	39.55	6.5		USCGS
		12 59 44	PKP	VG	.070					
		13 01 52	*PPKP	NE,VG						
		13 02 02	PP	VG,NG						
491	3	15 17 28.4	20.1 S	178.6 O	.002	149.29	5.45			USCGS
		15 36 07	PKP2	VG						
492	3	23 46 23.9	44.6 N	149.1 E	.000	80.26	24.74	6.2		USCGS

		23 58 36	P	EE,NE	.000	81.0				
		23 58 47	PCP	EG						
		24 08 50	SKS	NG						
		24 23,0	G	EG						
		24 27,6	LM	NG						
		24 33,4	M	NG						
493	6	14 03 01.8	20.4 S	169.4 E	.000	147.44	26.75	6.2		USCGS
		14 22 41	PKP1	VG,EG	.000	147.0				
		14 22 52	PKP2	VG						
494	6	15 24 40.5	41.9 N	142.5 E	.012	80.79	30.32			USCGS
		15 36 48	P	VG,NG						
		16 08 16	LM	NG						
495	6	16 29 03.3	07.2 S	129.0 E	.010	116.95	66.39			USCGS
		17 50 59	M	EG						
496	7	01 17 39.1	37.2 S	016.1 O	.000	89.36	196.21			USCGS
		1 30 07	P	VE,NE,VG	.000	89.6				
		1 42 32	PS	VG,NG						
		1 47,3	SS	NG						
		2 02 15	LM	NG						
497	7	11 44 56.6	44.3 N	149.1 E	.010	80.53	24.86			USCGS
		12 31 44	M	NG						
498	8	11 07 40.8	06.2 N	126.2 E	.020	104.45	60.73	5.2		USCGS
		12 00 26	LM	EG						
499	8	14 32 00.3	52.5 N	158.8 E	.000	74.92	15.86	5.6		USCGS
		14 43 40	P	VG						

500	9	16 19 15.9	71.5 N	002.4 O	.000	21.02	353.98	4.0		USCGS
		16 24 06	P	NE	.000	21.5				
		16 24 32	PP	EE						
		16 28 00	S	EG						
		16 30 42	LM	NG						
501	9	20 04 32.7	71.7 N	001.3 O	.000	21.15	355.04	4.0		USCGS
		20 09 25	P	VG,EG,NG	.000	21.5				
		20 09 34	*PP	VG,EG						
		20 09 46	/PP/	VG						
		20 13 17	S	EG						
		20 15 23	LM	NG						
502	10	00 19 08.4	34.4 N	026.4 E	.000	22.92	127.19			USCGS
		24 14	P	NE		23.0				
		24 46	PP	EG,NG						
		28 17	S	EG,NG						
		30,6	LR	EG						
		32 38	M	EG,NG						
503	10	09 55 42.0	39.0 N	037.0 O	.000	31.18	263.98			BCIS
		10 09,5	LM	NG						
504	10	10 44 51.2	04.0 N	122.6 E	.000	104.21	65.06			USCGS
		11 24 29	L	EG						
505	10	14 04 31.9	11.2 S	163.1 E	.002	136.84	31.34			USCGS
		15 26 33	M	NG						
506	12	12 17 08.1	27.3 N	128.4 E	.002	87.94	47.55	6.5		USCGS
		12 29 56	P	VG	.000	88.5				
		12 30 12	*SP	VG						

		12 40 24	SKS	EG						
		13 03,3	LM	EG						
		13 05 21	M	NG						
507	13	00 42 48.0	39.5 S	073.0 O	.000	112.35	234.78			BCIS
		1 43 54	LM	EG,NG						
508	14	00 34 25.3	16.9 N	122.3 E	.002	93.52	57.93			USCGS
		1 22 38	LM	EG						
509	14	01 53 32.1	19.6 N	070.3 O	.012	65.40	271.19			USCGS
		2 24 46	LR	EG						
510	14	04 57 12.5	35.1 S	106.0 O	.000	128.44	259.48	5.5		USCGS
		5 58 20	LR	EG						
511	14	23 18 35.1	20.9 S	174.1 O	.000	150.15	357.11	5.2		USCGS
		24 45,5	M	EG						
512	15	17 57 42.7	21.4 N	142.9 E	.055	99.41	38.71			USCGS
		18 15 08	/PP/	NE						
		18 54 01	M	EG						
513	17	07 52 50.8	49.3 N	155.4 E	.000	77.33	18.96	5.7		USCGS
		8 04 45	P	VG						
		8 32,7	LR	EG						
		8 38,0	LM	VG,EG						
514	17	08 05 29.5	49.6 N	155.2 E	.000	77.01	18.99	6.2		USCGS
		8 17 23	P	VG		77.0				

		8 20 22	PP	VG						
		8 27 /10/	S	NG						
		8 51,5	M	EG						
515	17	19 56 11.1	20.9 S	174.5 O	.000	150.16	357.86	6.0		USCGS
		20 16 03	PKP1	NE,VG		150.3				
		20 16 11	PKP2	NE						
		21 13,0	LM	EG						
		21 24,8	M	NG						
516	19	03 39 37.6	15.8 N	119.4 E	.007	92.83	60.84	5.7		USCGS
		4 03 22	SKS	EG						
		4 24,3	LR	EG						
		4 29,6	LM	NG						
517	19	19 01 25.4	06.9 N	077.5 O	.006	79.50	268.08	6.0		USCGS
		19 13 34	P	VE,EE,EG	.000	80.0				
		19 16 /40/	PP	EG						
		19 23 32	S	NG						
		19 23 40	/SKS/	EG						
		19 35 00	L	NG						
		19 38,0	LR	NG						
518	20	04 05 56.9	50.1 N	088.4 E	.000	50.71	55.89	5.2		USCGS
		4 30 42	LR	EG						
519	22	05 38 14.4	03.4 S	029.1 E	.000	57.95	150.49	5.5		USCGS
		5 48 08	P	VG,NG	.000	58.0				
		5 56 07	S	EG						
		5 56 24	/PPS/	EG						
		6 00 12	/SS/	NG						
		6 02,5	/SSS/	EG						
		6 04,8	LR	NG						
		6 13,9	M	EG						
520	22	09 05 36.8	03.3 S	029.3 E	.000	57.92	150.23	6.5		USCGS

		9 15 30	P	VE,EE,NE						
		9 19 08	PPP	NG						
		9 23 30	S	EG						
521	22	09 14 58.0	02.8 S	029.8 E	.000	57.61	149.48	6.2		USCGS
		9 24 51	LP	VE,VG						
		9 39.0	L	VG,EG,NG						
522	22	15 11 46.4	07.2 N	077.2 O	.005	79.08	268.04			USCGS
		15 49 54	LR	EG						
523	23	23 02 24.3	22.7 S	174.8 O	.000	151.96	358.35	6.0		USCGS
		23 22 /24/	PKP2	VG						
		24 29 04	M	EG						
524	25	15 39 27.4	17.4 S	173.4 O	.016	146.65	356.11			USCGS
		15 59 23	*PPKP2	VG	.016					
525	27	02 13 50.6	44.8 S	073.6 O	.004	116.53	231.17			USCGS
		3 20 26	M	EG						
526	28	05 29 32.1	32.5 N	095.8 E	.000	66.45	67.16	5.0		USCGS
		6 05 15	LM	NG						
527	29	11 18 58.0	19.0 N	144.7 E	.068	102.29	38.17	6.0		USCGS
		11 32 04	P	VG	.070	102.0				
		11 36 24	IPP	VG,EG,NG						
		11 42 02	SKS	EG						
		11 44 40	/SP/	NG						
		11 50 30	/SS/	NG						
		12 09 37	LM	EG						

528	29	18 54 27.3	15.3 N	090.0 O	.008	81.00	283.05	4.7	USCGS
		19 36 49	LM	EG					
529	30	06 35 08.9	49.4 N	129.7 O	.003	72.81	330.55	5.5	USCGS
		7 09 23	LR	EG					
530	30	07 37 05.3	41.6 S	073.5 W	.003	114.28	233.51		USCGS
		8 41 48	M	EG					
531	1	05 30 38.1	35.4 N	026.2 E	.000	22.04	125.91		USCGS
		5 35 32	IP	NE,EE	.000	22.2			
		5 39 33	S	EG,NG					
		5 42,0	LM	EG					
532	1	16 10 56.9	52.2 N	172.6 O	.001	77.44	358.08	6.0	USCGS
		16 22 53	P	VG	.000	78.0			
		16 23 05	*PP	NG					
		16 32 58	SKS	EG					
		16 44,0	L	EG					
		16 58,7	M	NG					
533	2	04 37 49.7	61.0 S	023.3 O	.007	113.55	194.30		USCGS
		5 36 43	LM	EG					
534	2	11 53 44.1	38.7 S	091.5 O	.008	122.01	246.81		USCGS
		12 57 17	LM	EG					
535	3	05 10 37.3	38.7 S	075.3 O	.002	112.97	236.80		USCGS
		6 13 21	LM	EG					

536	3	19 50 48.8	05.7 S	103.0 E	.003	99.78	86.92	5.2		USCGS
		20 54 12	M	NG						
537	4	06 15 42.0	46.0 N	008.0 E	.000	5.38	151.82			BCIS
		6 18 32	E	NE,VG,NG						
538	4	09 51 16.1	07.5 S	155.3 E	.016	130.55	39.34			USCGS
		10 52 25	LR	EG						
539	6	16 19 15.4	52.2 N	107.2 E	.002	58.56	44.73	5.0		USCGS
		16 51 06	LM	EG						
540	6	19 55 42.2	58.2 N	031.6 O	.005	21.95	303.66	5.5		USCGS
		20 00 34	P	EE,NE	.000	22.8				
		20 00 55	PP	EG,NG						
		20 04 44	S	NE,NG						
		20 04 48	I/*SS/	EG						
		20 05,5	/SS/	NG						
		20 06,5	LR	EG,NG						
		20 07,0	LM	NG						
541	7	03 15 34.9	58.1 N	031.9 O	.006	22.10	303.37	4.5		USCGS
		3 20 28	P	EE,NE,VG	.000	22.3				
		3 20 58	PP	NG						
		3 24 36	S	EE,EG						
		3 24 40	ISS	EG						
542	7	15 18 30.8	07.4 S	130.7 E	.002	118.10	64.97	6.6		USCGS
		15 37 18	PKP	VG	.000	119.0				
		15 37 33	*PPKP	VG,NG						
		15 38 41	IPP	NE,VG						
		15 44 10	ISKS1	NG						
		15 44 30	SKS2	NE						
		15 48 17	IPS	EG,NG						

		15 54 50	SS	NG						
		16 10,0	L	NG						
		16 23,0	MQ	NG						
		16 31,0	MR	VG,NG						
543	7	20 01 32.6	20.4 S	113.7 O	.027	123.12	278.32	5.2		USCGS
		21 00 25	LR	EG						
544	8	01 51 51.2	16.7 N	097.9 O	.006	84.73	289.87			USCGS
		2 39 52	M	NG						
545	8	05 53 01.1	40.0 N	129.7 E	.090	77.77	39.89	6.5		USCGS
		6 04 00	P	VG	.090	78.0				
		6 04 04	IPCP	EE,VG						
		6 06 06	*PP	EE,VG						
		6 06 09	I*PPCP	EG						
		6 07 10	*SP	NE,EG						
		6 07 20	I*SPCP	VG						
		6 09 01	I/PPP/	NG						
		6 13 14	ISKS	NG						
		6 14 03	/SP/	EG						
		6 16 52	/*SS/	EG						
		6 30,0	LR	NG						
		6 35,0	LM	NG						
		6 39,0	M	NE,VG,EG						
546	8	20 40 06.6	07.9 N	092.9 E	.008	82.98	86.12	5.2		USCGS
		20 52 30	P	VG	.000	82.4				
		21 02 49	S	EG						
		21 03 04	/SCS/	NG						
		21 17,5	L	NG						
		21 31 03	M	NG						
547	9	09 00 42.0	40.8 N	141.2 E	.019	81.35	31.69	6.2		USCGS
		9 12 46	IP	EE,NE,VG	.020	82.0				
		9 13 17	/*PP/	NG						
		9 22 46	S	EG						
		9 23 33	ISP	NE,VG						

		9 35,7	L	EG						
		9 43,0	LR	VG						
		9 44,3	M	EG						
		9 53,3	MR	VG						
548	9	09 51 19.1	15.1 S	174.0 O	.015	144.39	357.28			USCGS
		10 10 46	PKP	NE,VG						
549	13	02 21 12.7	45.2 N	025.8 E	.005	15.39	103.03			BCIS
		2 25 09	PP	NG						
		2 25 20	/PPP/	NG						
		2 27 57	/S/	EG,NG						
550	13	14 52 34.7	54.8 N	161.2 E	.000	73.09	13.78	6.5		USCGS
		15 04 07	P	VE,NE,VG	.000	72.9				
		15 04 26	IPCP	NE,VG,NG						
		15 06 47	PP	EG						
		15 08 34	PPP	EG						
		15 13 30	S	NG						
		15 14 06	SKS	VG						
		15 14 13	/SPP/	NG						
		15 18,0	SS	NG						
		15 26,0	LR	EG						
		15 31,0	LM	EG						
		15 40,5	M	EG						
551	14	17 48 27.7	38.9 S	073.5 O	.000	112.17	235.53	5.2		USCGS
		18 46,0	LR	EG						
		18 49 03	LM	EG						
552	14	21 19 11.4	51.9 N	172.1 O	.003	77.73	357.75	6.5		USCGS
		21 31 10	P	VE,EE,NG	.003	77.5				
		21 31 12	PCP	EE,VG,NG						
		21 31 20	I*PP	NE,VG,EG						
		21 31 29	/*SP/	VG,NG						
		21 34 07	PP	NG						
		21 40 58	S	NG						
		21 41 12	SKS	EG						

		21 41 25	*SS	EG					
		21 41 43	PS	NG					
		21 42 00	/PPS/	NG					
		21 46,0	SS	EG,NG					
		21 49,6	/SSS/	EG,NG					
		21 57,0	LR	EG					
		22 02,5	M	NG					
		22 08,5	M	EG					
553	14	22 55 41.7	55.7 N	035.2 O	.001	23.94	297.26	5.0	USCGS
		23 00 53	P	VG	.000	24.0			
		23 01 03	*PP	EG					
		23 01 08	*SP	VG,NG					
		23 01 36	/PPP/	NG					
		23 05 05	S	EG					
		23 05 18	/*SS/	EG					
		23 07,2	LR	EG					
		23 09,2	M	VG,EG					
554	15	01 54 09.2	55.8 N	035.6 O	.000	24.16	297.56	4.7	USCGS
		2 03 49	L	EG,NG					
		2 05,7	LR	EG					
		2 07,5	M	EG,NG					
555	16	09 34 44.7	14.0 N	091.2 O	.016	82.73	283.12	5.0	USCGS
		10 17 53	LM	EG					
556	17	15 45 36.9	04.9 N	078.4 O	.008	81.60	267.50	5.0	USCGS
		15 57 50	P	EE,VG	.010	82.-			
		15 57 50	P	EE,VG	.010	82.0			
		15 58 18	*PP	EG					
		16 08 00	SKS	EG					
		16 28 37	LM	EG					
557	17	18 05 34.2	30.4 N	040.9 O	.000	39.18	256.22		USCGS
		18 23 24	L	NG					

558	17	19 02	15.7	31.5 N	040.8 O	.000	38.36	257.39			USCGS
		19 20	23	LR	NG						
559	17	22 15	32.0	14.7 N	092.8 O	.015	83.18	284.77	5.7		USCGS
		23 00	22	LM	EG						
560	19	06 29	05.3	49.0 N	156.6 E	.000	77.68	18.27			USCGS
		7 20	24	M	EG						
561	20	11 05	57.6	11.1 S	164.9 E	.000	137.32	28.84	6.0		USCGS
		11 25	22	PKP	VE	.000	137.0				
		11 28	06	PP	EE						
		11 38	44	/PS/	EE						
		12 20	38	LM	EG						
		13 07	09	M	EG						
562	21	06 25	20.5	07.0 S	127.6 E	.016	115.97	67.51			USCGS
		6 45	22	PP	VE						
563	22	08 22	00.9	10.4 S	161.2 E	.010	135.44	33.47	6.2		USCGS
		9 19.6		L	EG						
		9 32.1		LM	NG						
		9 37.2		M	EG						
564	22	19 17	47.9	45.9 N	021.2 E	.000	12.22	107.12			USCGS
		19 22	35	E	EG						
		19 22	58	S	EG						
565	23	06 32	20.0	31.5 N	040.7 O	.000	38.30	257.29			USCGS
		6 49	08	L	EG						

566	24	03 58 14.0	04.2 S	029.0 E	.000	58.67	150.89		BCIS
		4 24 46	LR	EG					
567	24	17 09 14.4	06.1 S	150.0 E	.014	127.03	44.69	5.7	USCGS
		18 12.2	LM	EG					
		18 22.2	M	EG					
568	25	12 14 54.4	43.6 S	074.1 O	.010	115.92	232.39		USCGS
		13 17 36	LM	EG					
569	26	01 48 07.1	52.4 N	160.2 E	.006	75.26	15.04		USCGS
		2 29 52	M	EG					
570	27	05 25 04.9	01.5 N	090.8 O	.000	92.06	274.94	4.7	USCGS
		6 10 06	LR	EG					
571	27	12 45 40.1	71.7 N	008.3 O	.006	21.76	349.23		USCGS
		13 24 20	M	EG,NG					
572	27	15 39 20.3	71.4 N	008.6 O	.001	21.52	348.68	4.5	USCGS
		15 44 11	P	VG,NG					
		15 48 05	/S/	VG					
		15 52 51	LM	EG,NG					
573	27	22 27 55.1	15.3 S	175.0 O	.035	144.61	358.93		USCGS
		22 47 03	PKP	NE					
574	28	04 18 41.9	71.4 N	008.6 O	.002	21.52	348.68	5.7	USCGS
		4 23 44	I*PP	VE,EE,NE	.000	21.5			

		4 23 55	IPP	VG,EG						
		4 24 05	IPPP	VG,EG,NG						
		4 27 41	/*SS/	EG,NG						
		4 29,1	LM	EG						
		4 34,6	M	EG						
575	28	07 46 38.5	71.4 N	008.4 O	.005	21.49	348.84	4.2		USCGS
		7 51 25	P	VG						
		7 55 26	*SS	EG						
		7 58 01	LM	NG						
576	28	13 18 14.3	52.2 N	157.4 E	.010	74.96	16.80	6.5		USCGS
		13 29 50	IP	VE,EE,NE	.010	75.6				
		13 30 08	PCP	NG						
		13 30 19	*PP	NG						
		13 30 28	*SP	EG						
		13 32 37	PP	NG						
		13 39 17	S	EE,NE,VG						
		13 39 41	SKS	EG						
		13 40 03	*SS	EG						
		13 44,1	SS	EG						
		13 51,7	L	NG						
577	28	22 29 26.6	34.6 N	141.1 E	.010	86.87	34.49	6.5		USCGS
		22 42 10	P	VG						
		22 52 33	S	NG						
		23 09,1	L	NG						
		23 16 48	M	NG						
578	29	00 08 39.0	44.0 N	011.3 E	.000	8.27	142.67			BCIS
		10 42	PG	VG	.000	8.4				
		10 49	PP	VE						
		10 57	PPP	VE						
		13 17	SG	EG						
579	29	01 25 35.5	25.7 N	067.6 E	.000	53.75	92.86			USCGS
		1 59 05	M	NG						

580	29	04 17 02.1	15.5 N	046.4 O	.001	53.65	247.93	4.7	USCGS
		14 46 55	LM	EG					
581	29	09 37 41.6	15.9 S	172.9 O	.010	145.14	355.39	5.5	USCGS
		9 57 30	PKP	VG					
		10 53 09	LM	EG					
582	29	11 54 17.4	47.6 N	027.6 O	.000	21.04	273.74		USCGS
		12 05 19	LM	EG					
583	29	13 26 10.0	47.7 N	027.7 O	.000	21.07	274.07		BCIS
		13 30 54	P	EG	.000	21.0			
		13 31 03	*PP	VG,EG					
		13 31 10	/*SP/	EG					
		13 34 58	/S/	EG					
		13 35,9	LR	EG					
584	30	08 32 39.1	47.7 N	028.7 O	.000	21.71	274.72		USCGS
		8 43 52	LR	NG					
585	30	12 14 36.1	23.4 S	070.3 O	.007	98.58	243.67	6.7	USCGS
		12 38 52	E	EG					
		12 39 42	SKS	NG					
		12 41 12	PS	EG					
		13 01,6	LR	EG					
		13 10,1	MR	EG					
		13 16,3	M	EG					
586	30	21 32 47.7	22.9 S	068.0 O	.004	96.89	242.29	6.0	USCGS
		21 56 50	SKS	NE,VG,EG					
		22 23 41	LM	EG					
587	1	08 45 59.3	38.5 S	075.1 O	.003	112.72	236.82	7.0	USCGS

		9 04 28	PKP	EG	.000	112.0				
		9 05 21	PP	EG						
		9 07 41	PPP	VG						
		9 11 03	/SKS1/	VG						
		9 11 25	/SKS2/	NG						
		9 14 48	SP	EG						
		9 15 31	/PPS/	EG,NG						
		9 20 57	SS	EG						
		9 39,0	M	NE,EG,NG						
		9 42,0	M	NG						
		9 45,9	M	EE						
		9 48,9	M	VG						
588	2	17 14 54.0	11.2 S	164.8 E	.007	137.38	29.02	6.7		USCGS
		17 36 59	PP	NE,VG,NG						
		17 39 57	PPP	NG						
		18 21,0	LR	EG						
		18 32,0	M	NG						
		18 36,9	M	EG						
		18 41,0	M	EG						
589	5	20 20 53.7	39.4 N	020.5 E	.003	16.08	128.94	5.5		USCGS
		20 24 41	P	NE,EG	.003	16.0				
		20 24 49	*PP	EE						
		20 24 57	PP	VG						
		20 27 49	/S/	VG,EG,NG						
		20 27 59	SS	NE						
		20 29,8	IM	EE,NE,VG						
		20 30,1	IM	VE,EE,NE						
590	6	04 38 16.7	53.2 N	159.8 E	.000	74.42	15.05	6.2		USCGS
		4 49 55	P	NE,VG	.000	75.0				
		4 50 13	PCP	NE,EG,NG						
		4 59 28	S	NE,VG,NG						
		5 00 05	PS	NG						
		5 15,0	LM	EG,NG						
		5 20,0	M	EG,NG						
591	6	06 14 53.4	31.1 S	177.7 O	.006	160.26	5.24	6.0		USCGS
		6 59 20	SS	NG						
		7 36,0	LM	EG,NG						

		7 44,0	M	EG,NG						
		7 49,9	M	EG						
		7 50,4	M	NG						
592	6	22 10 06.4	52.9 N	168.0 O	.002	76.57	355.25	6.0		USCGS
		22 21 58	P	VG%NG						
		22 21 58	P	VG,NG	.000	77.0				
		22 22 11	*PP	VG						
		22 31 42	S	NE						
		22 32 31	PPS	NE,NG						
		22 46,0	LR	NG						
		22 54,0	M	EG,NG						
		22 58,0	M	EG						
593	7	13 23 06.1	32.5 N	131.6 E	.000	84.96	42.48			USCGS
		14 03,0	LR	EG						
		14 07,0	LM	EG						
594	8	05 22 13.2	44.9 N	149.7 E	.004	80.14	24.23	5.0		USCGS
		6 07,0	M	EG						
		6 11,0	M	EG,NG						
595	8	11 36 27.2	45.1 N	125.2 O	.002	75.03	325.57	4.7		USCGS
		12 11,0	LR	EG						
		12 15,0	LM	EG						
596	9	03 17 58.5	60.9 S	024.8 O	.000	113.69	195.09	6.7		USCGS
		3 44 43	/S/	EG						
		3 48 30	PPS	NG						
		3 53 25	SS	NG						
		4 13,0	LR	EG,NG						
		4 17,0	LM	EG						
597	9	10 43 40.8	32.8 N	103.4 E	.000	70.59	61.88	6.5		USCGS
		10 55 05	P	NG		71.4				

		11 04 21	S	NG						
		11 17,9	LR	EG,NG						
		11 21,9	LM	EE,NE,EG						
		11 24,1	M	EG,NG						
598	9	20 06 16.2	23.4 S	070.6 O	.003	98.75	243.89	6.0		USCGS
		20 30 37	SKS	EG						
		20 32 57	PS	EG						
		20 38,1	SS	EG						
		20 50,9	L	NG						
		20 58,0	LM	EG						
		20 61,9	M	NG						
		21 08,0	M	EG						
599	10	05 31 30.1	30.4 N	040.4 O	.000	38.87	255.74			USCGS
		5 49,0	LR	EG,NG						
600	10	14 44 48.8	02.7 S	139.3 E	.001	118.92	53.90	6.5		USCGS
		15 05 00	PP	VG						
		15 41,0	LR	NG						
		15 45,0	LM	EG,NG						
601	11	05 31 31.9	39.3 N	020.8 E	.002	16.30	128.52	5.5		USCGS
		5 35 31	P	NG	.000	16.3				
		5 38 21	S	NE,EG						
		5 41,1	M	EG						
602	13	06 37 06.2	01.4 N	127.3 E	.004	109.01	62.57	5.5		USCGS
		7 05 36	PS	NG						
		7 29,0	LR	EG,NG						
		7 34,0	LM	EG						
603	13	09 20 32.3	51.4 N	168.8 O	.000	78.11	355.63	7.0		USCGS
		9 32 33	IP	VG,NG		77.9				
		9 32 52	I/*SP/	VG						

		9 35 30	PP	NG							
		9 42 28	S	NE,EG							
		9 42 41	SKS	VG							
		9 43 05	PS	NE							
		9 47 30	SS	NG							
		9 52,0	L	EG,NG							
		9 58,0	LM	EG,NG							
604	14	19 59 35.2	14.9 N	092.8 O	.013	83.03	284.90	5.0		USCGS	
		20 49,9	M	EG							
		20 55,9	M	EG							
605	15	06 23 27.2	62.7 S	161.7 O	.002	165.84	207.08	5.5		USCGS	
		7 48,0	LM	EG							
		7 68,0	M	EG,NG							
606	16	22 59 47.6	38.2 N	089.5 E	.000	58.80	66.63			USCGS	
		23 30,0	LM	NG							
607	19	12 16 44.5	08.7 N	137.6 E	.000	108.28	49.33			USCGS	
		13 21,0	M	EG							
608	20	22 01 56.4	06.8 S	081.0 O	.003	92.21	262.13	6.5		USCGS	
		22 15 06	P	EG	.000	93.0					
		22 18 52	PP	EG							
		22 25 59	I/S/	VG,EG,NG							
		22 32,6	/SS/	VG							
		22 40,0	L	VG							
		22 45,9	LR	EG							
		22 48,0	M	EE,EG							
		22 52,0	M	EG							
609	22	03 31 58.8	19.8 S	172.6 O	.006	148.99	354.44	5.7		USCGS	
		4 58,0	M	EG							

610	22	06	21	45.0	36.1 S	052.3 E	.000	96.16	142.78	6.7	USCGS
		7	10,0		LM	EG,NG					
		7	14,0		M	NG					
611	22	12	28	54.8	40.3 S	073.9 O	.003	113.41	234.75	6.5	USCGS
		13	18,0		L	NG					
		13	22,0		LR	EG,NG					
		13	30,0		LM	EG					
		13	34,0		M	EG,NG					
612	23	14	12	21.1	24.4 S	176.1 O	.000	153.66	.94	6.7	USCGS
		14	32	24	E	VG		154.0			
		14	32	39	PKP2	VE,NE,VG					
		14	35	47	PKS	EG,NG					
		14	36	17	PP	NG					
		14	39	13	/SKS/	NG					
		14	39	45	PPP	NG					
		14	42	59	SKKS	EG,NG					
		14	46	45	SKSP	EG					
		14	49	18	PPS	NG					
		14	56,0		SS	EG					
		15	24,0		LR	EG					
		15	34,0		LM	EG					
		15	41,4		M	EG,NG					
613	24	06	52	41.1	24.4 S	176.1 O	.000	153.66	.94	7.0	USCGS
		7	12	36	PKP1	VG		154.0			
		7	13	00	PKP2	VE,NE,VG					
		7	16	07	PKS	VG					
		7	16	37	PP	VE					
		7	19	37	/SKS/	VG					
		7	27	02	SKSP	NE,EG,NG					
		7	29	37	PPS	NG					
		8	14,0		M	EG					
		8	21,4		M	EG					
614	25	21	54	12.1	38.3 N	140.7 E	.011	83.42	33.15		USCGS
		22	06	25	P	NE,VG					

615	27	21 24 30.7	37.2 S	073.4 O	.004	110.85	236.68	5.2	USCGS
		22 25,0	LM	EG					
616	28	19 47 19.5	47.5 N	027.5 O	.001	21.02	273.42		USCGS
		19 52 06	P	EG					
		19 56 05	/S/	EG					
		19 57,3	LR	EG					
		19 58,0	LM	EG,NG					
617	1	20 49 45.5	49.0 N	129.3 O	.000	73.03	330.11	6.0	USCGS
		21 10 54	S	EG					
		21 20,0	LQ	EG,NG					
		21 24,0	LR	EG,NG					
		21 26,0	LM	EG					
618	2	09 10 39.1	24.6 S	069.7 O	.000	99.18	242.49	7.2	USCGS
		9 24 31	/*PP/	NG	-.003	98.5			
		9 28 21	PP	VG					
		9 34 58	SKS	EG,NG					
		9 35 22	SKKS	VG,NG					
		9 35 43	IS	EG					
		9 37 20	PS	VG,EG					
		9 42,4	SS	EG					
		9 52,2	L	NG					
		9 60,0	LM	NG					
619	2	09 37 36.1	23.4 S	069.5 O	.002	98.13	243.09	6.7	USCGS
		9 55 18	PP	VG					
620	3	04 24 18.9	42.9 N	104.4 E	.004	63.75	53.81	7.2	USCGS
		4 34 48	IP	VE,EE,NE	.000	63.9			
		4 35 00	I*PP	NE					
		4 37 13	PP	VG,EG					
		4 43 20	S	NG					
		4 43 46	PS	VG,NG					
		4 47,5	SS	EG,NG					
		4 52,7	LQ	EG					

		4 58.0	LM	NG						
621	3	07 07 42.6	52.7 N	177.4 O	.020	76.96	1.10			USCGS
		7 19 50	*PP	NE,VG,EG	.015					
622	5	08 38 44.8	43.3 N	104.3 E	.000	63.41	53.55			USCGS
		9 15.7	M	NG						
623	5	21 21 51.7	35.9 N	006.5 O	.005	16.83	211.90			USCGS
		21 25 47	P	EE,NE,VG	.000	16.8				
		21 25 58	/PP/	NE						
		21 28 51	S	VG,NG						
		21 30.9	LM	EG,NG						
		21 32.7	M	EG,NG						
624	6	03 35 30.6	43.1 N	104.5 E	.000	63.66	53.59			USCGS
		4 04.0	L	EG						
625	6	08 56 08.4	08.2 N	082.6 O	.000	81.75	272.86			USCGS
		9 41.7	M	EG						
		9 48.7	M	EG						
626	8	01 24 15.7	21.7 S	179.4 O	.089	150.82	7.18			USCGS
		1 43 13	PKP	VG						
627	11	01 07 52.8	37.0 N	084.5 E	.007	56.64	70.82	5.4		USCGS
		1 36.0	LM	NG						
628	11	03 18 10.9	01.6 N	126.4 E	.003	108.33	63.23	5.5		USCGS
		4 10.0	LR	EG,NG						

		4 21,0	M	EG					
629	11	18 53 03.2	15.7 S	167.0 E	.004	142.30	28.03	6.2	USCGS
		20 05,0	LM	EG,NG					
		20 15,0	M	EG					
		20 16,0	M	NG					
630	13	07 36 16.4	52.7 S	159.1 E	.000	164.15	106.76	7.0	USCGS
		8 01 28	E	NG					
		9 13,0	M	EG,NG					
		9 21,0	M	NG					
631	15	23 51 31.5	03.0 N	126.3 E	.007	107.13	62.49	6.7	USCGS
		10 22	/PP/	EG					
		16 16	SKS	EG,NG					
		17 33	S	EG					
		19 42	/PS/	EG					
		25,4	SS	EG,NG					
		43,0	L	EG,NG					
		47,0	L	EG,NG					
632	16	18 21 31.7	44.0 N	028.9 O	.000	23.38	266.09		USCGS
		18 26 44	P	EE,VG,EG	.000	24.0			
		18 26 56	/*SP/	VG					
		18 27 14	PP	VG					
		18 30 58	S	NG					
		18 32,9	L	NG					
633	17	13 14 32.0	44.7 N	030.9 O	.000	24.32	269.28		USCGS
		13 23 49	S	EG					
		13 25,7	L	NG					
634	18	01 53 16.0	45.0 N	015.0 E	.000	9.20	124.98		BCIS
		1 56 47	E	VG,NG					
		1 58 29	IM	NG					

635	18	01 58 30.0	45.0 N	015.0 E	.000	9.20	124.98			BCIS
		2 02 36	/SS/	EG						
		2 02 52	SSS	VG						
		2 03 12	S*	NE,EG						
		2 03 26	M	NE,VG,EG						
		2 03 46	/SG/	NE,VG,EG						
636	18	18 20 43.3	08.6 N	125.9 E	.000	102.31	59.62			USCGS
		19 11,0	LM	NG						
637	21	20 53 51.8	11.3 N	014.1 E	.006	40.16	165.10			USCGS
		21 58,0	LM	EG						
638	21	22 29 54.9	62.7 S	167.1 E	.000	164.80	148.45			USCGS
		24 01,0	M	EG						
639	22	03 02 20.6	09.8 N	094.1 E	.000	82.29	83.98	5.5		USCGS
		3 15 07	/*SP/	EG						
		3 54,0	M	EG						
640	22	06 31 21.5	31.0 S	177.1 O	.002	160.20	3.70	5.7		USCGS
		7 58,0	LM	VG						
641	22	14 27 40.3	53.9 N	168.1 O	.004	75.58	355.40			USCGS
		15 42,0	M	EG						
642	22	21 02 41.2	06.9 S	155.3 E	.068	130.01	39.03	6.0		USCGS
		21 23 47	PP	EE,NE,VG						
		22 05,0	L	EG						

643	27	10 35 27.4	41.5 N	125.0 O	.004	78.07	323.58	5.4	USCGS
		11 10.0	L	EG					
		11 17.0	LM	EG					
644	29	10 36 38.1	45.0 S	075.6 O	.000	117.67	232.15	6.5	USCGS
		11 06 30	PS	EG					
		11 29.5	L	EG,NG					
		11 36.5	LM	EG,NG					
		11 42.5	M	EG					
645	29	18 19 41.6	35.5 N	022.6 E	.003	20.18	132.26	5.0	USCGS
		18 31.5	LM	EG					
646	31	18 08 07.9	44.1 S	075.4 O	.000	116.93	232.75	6.3	USCGS
		19 18.5	M	NG					