

INSTITUTO GEOFÍSICO DA UNIVERSIDADE DE COIMBRA



Observações Meteorológicas, Magnéticas e Sismológicas

ANO DE 1978

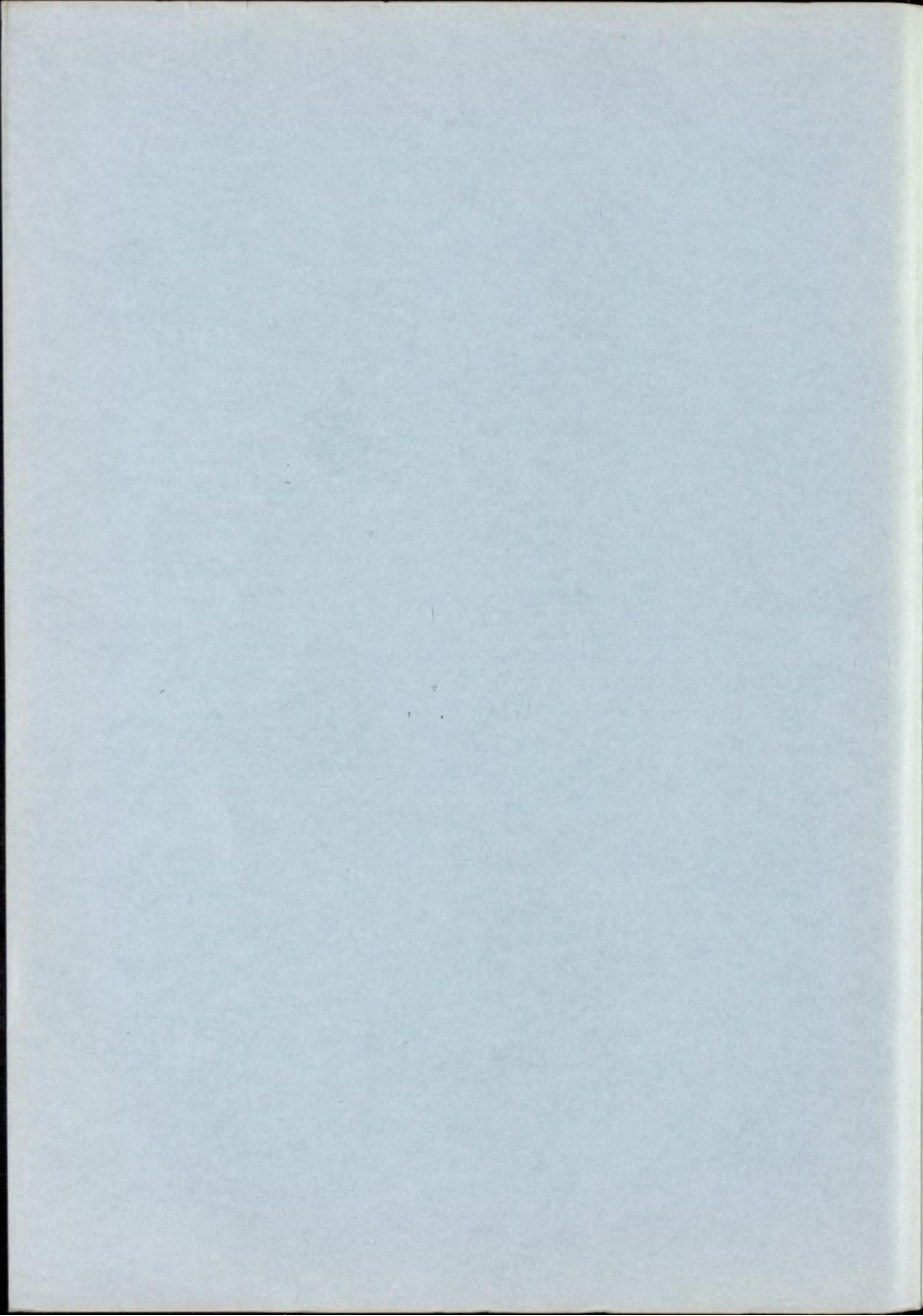
3.^a Parte — OBSERVAÇÕES SISMOLÓGICAS

VOLUME CXVII



I. G. U. C.

A
25'
43



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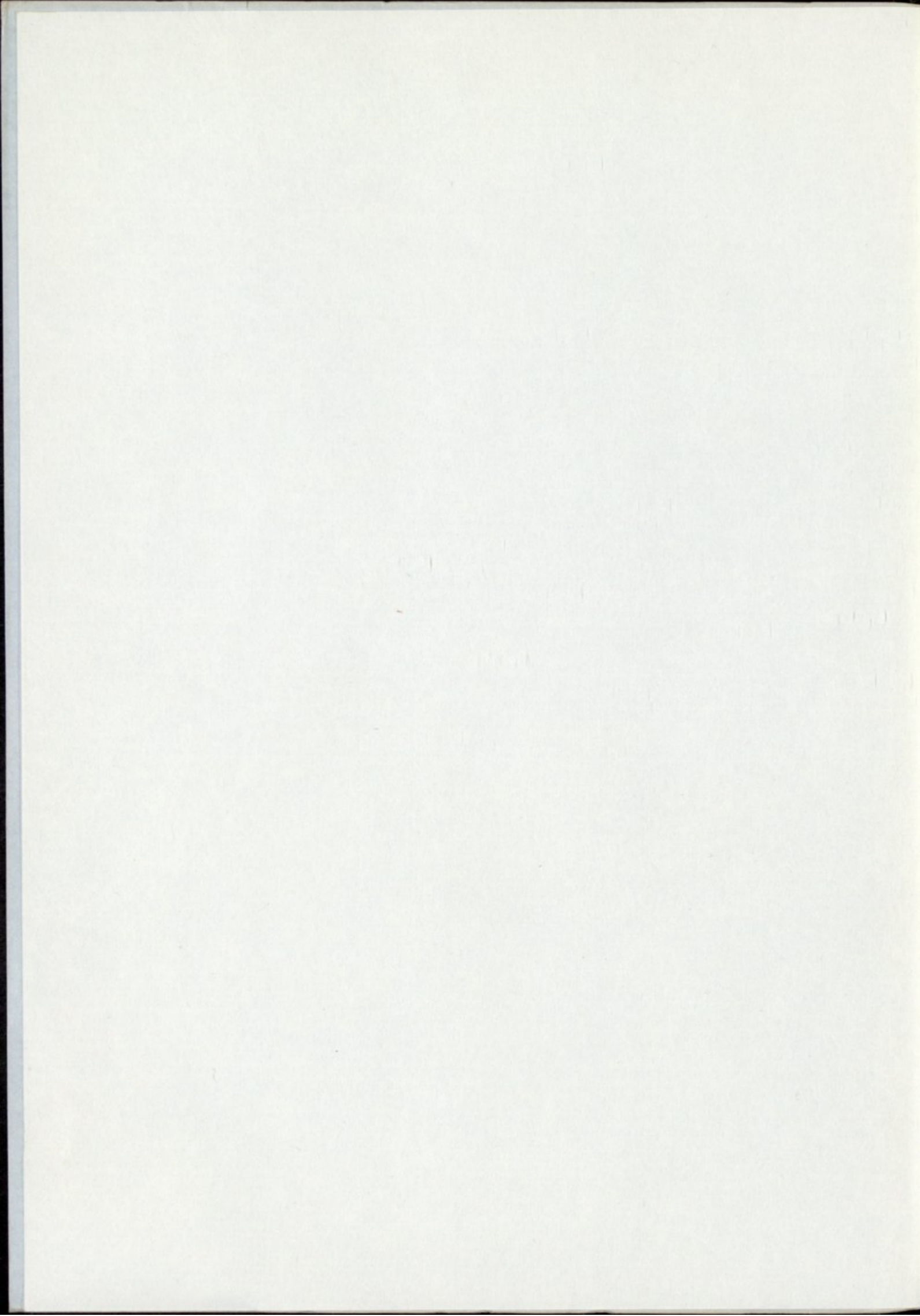
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3.ª Parte—OBSERVAÇÕES SISMOLOGICAS

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3.ª Parte - OBSERVAÇÕES SISMOLÓGICAS

VOLUME CVII



BOLETIM SISMOLÓGICO

ANO 1978

1. ENDEREÇO/ADDRESS

Instituto Geofísico da Universidade de Coimbra

Av. Dias da Silva

3.000 Coimbra - PORTUGAL

2. ESTAÇÃO SISMOGRÁFICA DE COIMBRA/SEISMOLOGICAL STATION (COI)

Latitude: 40° 12' 25" N Altitude: 140 metros

Longitude: 08° 25' 30" W Sub-solo: Arenitos triássicos

3. SISMOGRAFOS/SEISMOGRAPHS

Geotech CP-Z,N,E $T_s = 1s$ Grenet CPG-Z $T_g = 0.75s$ $T_s = 1.4s$

Geotech LP-Z $T_s = 15s$ Wiechert LPW-Z $T_g = 1.5s$ $T_s = 5.3s$

O período $T(s)$ é lido entre os três primeiros ciclos iniciais, a contracção C e a dilatação D referem-se à componente vertical do período curto (CP-Z).
The period $T(s)$, the compression C and the dilation D are measured from short period vertical (CP-Z).

4. ABREVIATURAS/ABBREVIATIONS

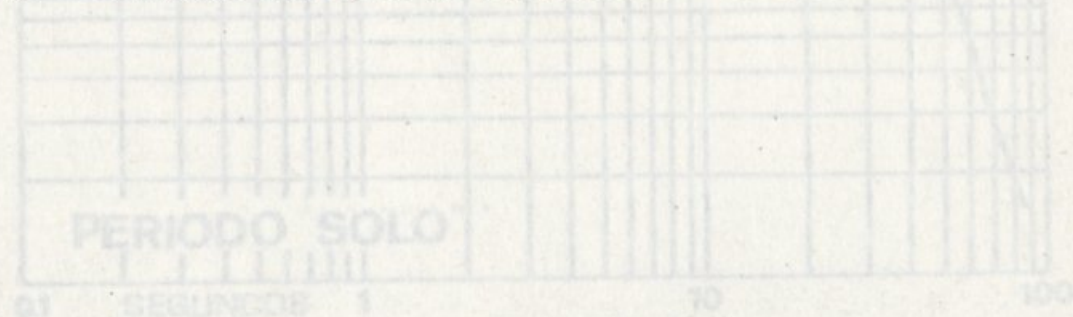
GS United States Geological Survey - Washington

IS Seccion de Sismologia e Ingenieria Sismica - Madrid

SP Sevice de Physique du Globe - Rabat

IN Instituto Nacional de Meteorologia e Geofisica - Lisboa

UC Instituto Geofísico da Universidade - Coimbra



ABREV
A-CP-Z,N,E B-LP-Z

1. ENDERECO/ADDRESS

Instituto Geologico da Universidade de Coimbra

Av. das Lages

3000 Coimbra - PORTUGAL

2. ESTACAO SIMOGRAFICA DE CONTRA-SEISMOLOGICAL STATION (COT)

Latitude: 40° 12' N Altitude: 140 metros

Longitude: 08° 22' W Sub-station Avenida Francisco

3. STATIONING/ESTACIONAMENTO

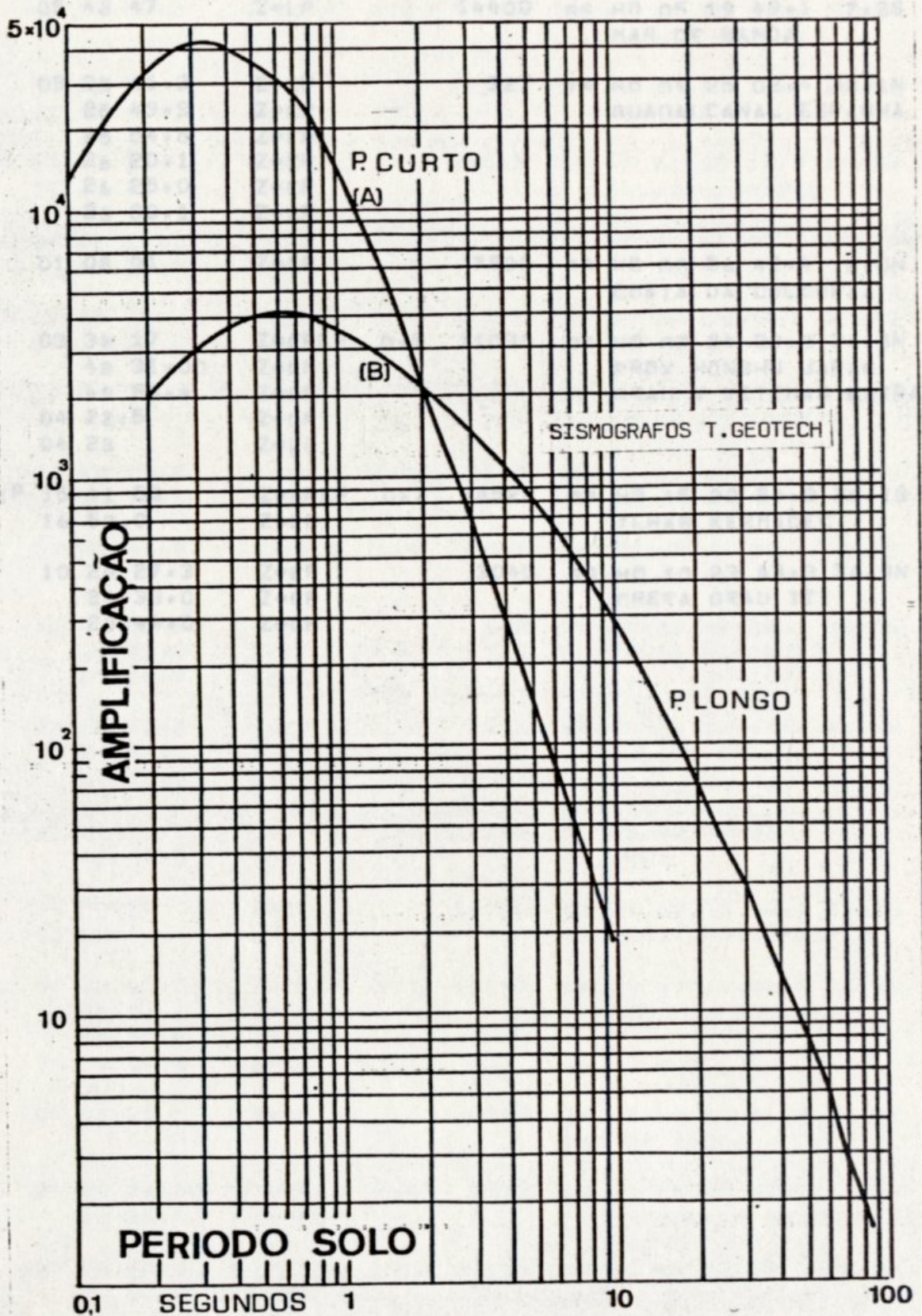
Contact CP-2, N.E. T-12 Granat CP-2 T-0.125 T-1.44
Contact CP-2 T-12a Minimax 12W-2 T-1.82 T-2.22

O periodo (1a) é lido entre os três primeiros eixos instalados, a contagem
C e a difração D referem-se à componente vertical do periodo curto (CP-2).
The period (1a), the component C and the diffract D are referred from
short period vertical (CP-2).

4. ABBREVIATURAS/ABBREVIATIONS

- US United States Geological Survey - Washington
- IS Section de Seismologie e Ingenieria Sismica - Lisboa
- SP Service de Physique du Globe - Paris
- IN Instituto Nacional de Meteorologia e Geofisica - Lisboa
- UC Instituto Geologico da Universidade de Coimbra

ESTAÇÃO DE COIMBRA

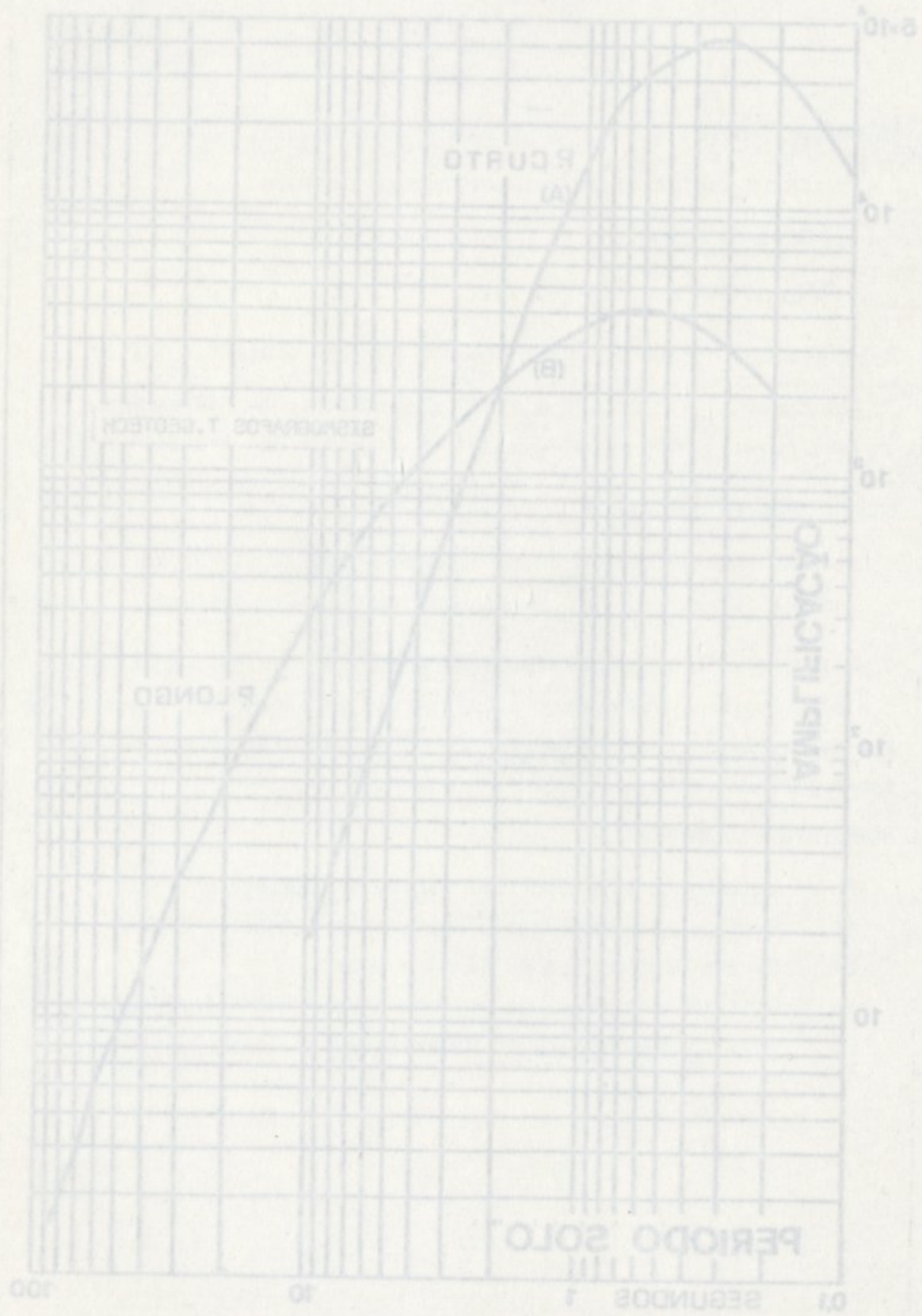


ABREV.

A: CP-Z,N,E

B: LP-Z

ESTAÇÃO DE COIMBRA



ABREV
A: CP-2 N.E. B: LP-2

DIA	FASF	HORA-TMG	COMP-APAR	T(S)	DIST-KM	REFERENCIAS
02	EPG ESG	14 04 49 05 05.6	E-CP N-CP		100 22	LOCAL TLHAS INDIANIN
02	ESKs	05 48 47	Z-LP	1.2	14400	GR HB 05 19 49.1 7.3S 128.8E MAR DE BANDA
07	EPN EPB EPG ESN ESB ESG	09 25 46.3 25 49.9 25 54.8 26 20.1 26 25.0 26 30.1	Z-CP Z-CP Z-CP Z-CP Z-CP Z-CP		327	TS HB 09 25 02.4 38.1N 5.8W GUADALCANAL ESPANHA TLHAS KERMADEC
08	EP	01 08 01	Z-CP		7800	GR HB 01 56 42.4 6.8N 77.5W COSTA DA COLOMBIA
14	EP EPP ES L M	03 38 17 42 31.0D 49 55.4 04 22.5 04 28	Z-CPLP Z-LP Z-LP Z-LP Z-LP	0.9	11030	GR HB 03 24 39.0 34.8N 139.3E PROX HONSHU JAPAN GRAU V VITIMAS ESTRAGOS HELPS DE 100W
14	EPKTKP LM	15 41 58 16 52.0	Z-CPLP Z-LP	0.7	18523	GR HB 15 20 54.2 30.1S 177.5W TLHAS KERMADEC
29	EP I I	10 29 27.3 29 33.0 29 44.0	Z-CP Z-CP Z-CP		3040	GR HB 10 23 43.3 34.9N 25.7E CRETA GRAU III TLHAS DE CADIZ
17	ERN EN EN	02 36 51.6 36 56.5 37 40.0	Z-CP Z-CP Z-CP		718	TS HB 02 34 17.4 43.4N 0.8W SUL DA FRANCA
17	EN EN	17 28 30.0 28 40.5	N-CP N-CP		42	TS HB 17 28 28 LOCAL
20	EP LM	04 50 27 05 05	Z-CP Z-LP		10721	GR HB 04 36 58.1 34.8N 141.9E PROX HONSHU JAPAN
21	EPKs EPP ESKs ESP	07 33 00.0C 38 03.8 39 26.0 44 10.0	Z-CPLP Z-LP Z-LP Z-LP	1.1	13949	GR HB 07 14 04.6 4.2S 125.4E MAR DE BANDA
21	EPKs	07 03 25	Z-CP		13949	GR HB 07 47 21.7 5.0S 125.3E MAR DE BANDA
22	EP I	04 10 12.4D 10 31.0	Z-CPLP Z-CPLP	1.5	2392	GR HB 04 07 37.5 14.7N 91.4W GUATEMALA GRAU IV VITIMAS
23	EP EN	03 08 19.3 08 07.0	Z-CP Z-CP		434	GR HB 03 07 14 25.7W 10.8N

DIA FASE	HORA-TMO	COMP-PRG TISI DIST-EN	REFERENCIAS
02 EPG	14 04 49	E-CP	55 LPRAL
02 EPG	02 02.4	N-CP	
02 EPG	02 48 47	Z-CP	14400 no no no 19 49:1 7.32 158.82 MAR DE SINDA
07 EPN	02 52 46.3	Z-CP	327 no no no 25 02.4 38.1X 0.24 RUALCANAL ESPANA
07 EPN	52 49.9	Z-CP	
07 EPN	52 54.8	Z-CP	
07 EPN	52 50.1	Z-CP	
07 EPN	52 50.0	Z-CP	
07 EPN	52 30.1	Z-CP	
08 EP	01 08 01	Z-CP	7800 no no no 24 42.4 4.8N 77.8N COSTA DA COLONIA
14 EP	03 38 17	Z-CP	11030 no no no 24 39.0 34.8N 132.3E PROX MONSIEU JARAS GRAN V VITINAS ESTRABOS
EP	42 31.00	Z-CP	
EP	48 28.4	Z-CP	
L	04 52.0	Z-CP	
M	04 58	Z-CP	
14 EP	12 41 58	Z-CP	18553 no no no 20 54.8 30.1E 177.5N YMAR KERNADOC
EP	16 52.0	Z-CP	
14 EP	10 59 57.3	Z-CP	3040 no no no 23 43.3 34.8N 87.7E FRETIA GRAN III
EP	52 33.0	Z-CP	
EP	52 44.0	Z-CP	

DIA	FASF	HORA-TMG	COMP=APAR	T(S)	DIST=KM	REFERENCIAS
07	EP	12 43 40.5	Z=CPLP	0.9	10030	GR HB 12 30 40.4 12.8N 93.0E TLHAS ANDAMAN
07	EP	20 44 56.3	Z=CPLP	1.2	10029	GR HB 20 31 54.6 12.9N 93.0E TLHAS ANDAMAN
08	EP LM	00 29 25 01 19	Z=CP Z=LP		11241	GR HB 00 15 38.9 24 2N 122.7E FORMOSA
09	EPKTKP M	21 56 22 23 27	Z=LP Z=LP		18543	GR HB 21 35 12.7 30.7S 177.4W TLHAS KERMADEC
10	EPG ESG	00 56 15.0 00 56 26.7	Z=CP E=CP		101	TN HB 00 55 57 40.9N 9.1W
11	EPKTKP L	00 25 26 01 32.5	Z=LP Z=LP		18800	GR HB 00 05 23.0 30.4S 177.1E TLHAS KERMADEC
16	EP	13 04 14.7	Z=CP		6475	GR HB 12 54 21.6 13.2N 50.9E GOLF DE ADEN
17	IP I*P	21 49 27.5 49 32.3	Z=CPLP Z=CPLP	0.8	5888	GR HB 21 40 13.1 28.2N 55.4E SUL DE IRAQ
16	IP	03 58 40.0	Z=CPLP	0.9	7851	GR HB 03 47 24.6 5.5S 77.7W COLMBIA
16	EPN ISN ISG	23 24 00.3 24 43.3 25 14.7	Z=CP N=CP NE=CP		448	TR HB 23 22 58.2 36.2N 8.0W GOLF DE CADIZ
17	EPN ISN ISG	02 35 51.6 36 56.5 37 40.0	Z=CP E=CP E=CP		718	TR HB 02 34 17.4 43.4N 0.9W SUL DA FRANCA
17	EPG ISG	17 28 35.0 19 28 40.5	N=CP N=CP		42	TN HB 17 28 28 LOCAL
20	EP LM	04 50 27 05 05	Z=CP Z=LP	0.7	10721	GR HB 04 36 58.1 38.8N 141.9E PRBX HONSHU JAPAN
21	IPKP IPP ESKS ISP	07 33 00.0C 35 03.0 39 26.0 44 10.0	Z=CPLP Z=LP Z=LP Z=LP	1.1	13949	GR HB 07 14 04.4 4.8S 125.4E MAR DE BANDA
21	EPKP2	07 05 25	Z=CP		13949	GR HB 07 47 21.7 5.0S 125.3E MAR DE BANDA
22	IP I	06 19 12.4D 19 31.0	Z=CPLP Z=CPLP	1.5	8392	GR HB 06 07 37.0 14.2N 91.4W GUATEMALA GRAU IV VITIMAS
23	EPB ISN	23 08 19.2 09 07.0	Z=CP E=CP		434	GR HB 23 07 16 35.7N 10.8W

DIA FASE	HORA+TNG	COMP-APAR TIRI DIST-KM	REFERENCIA
07 EP	12 43 40.8	2-CPLP	10030 or no 14 30 40.4 12.5M 33.0E TLMR ANDAMAN
07 EP	20 44 38.3	2-CPLP 1.5	10029 or no 10 31 34.4 12.5M 33.0E TLMR ANDAMAN
08 EP	00 52 58	2-CPLP	11541 or no 01 18 38.2 24 2M 125.7E FORNARA
08 EPKXP	21 24 55	2-CPLP	12843 or no 31 38 15.7 30.78 177.4M TLMR KERMADEC
10 EPB	00 54 12.0	2-CPLP	101 or no 01 25 37 40.3M 2.1M
11 EPKXP	00 58 56	2-CPLP	18800 or no 01 23.0 30.48 177.1E TLMR KERMADEC
14 EP	13 04 14.7	2-CPLP	4478 or no 19 34 51.4 12.5M 80.8E GULF DE ADEN
17 IP	21 48 27.2	2-CPLP 0.8	8888 or no 31 40 23.1 28.5M 82.4E RUL ON IRAN
18 IP	03 58 40.0	2-CPLP 0.9	7881 or no 03 47 34.4 8.88 77.7M FORNARA
19 EPN	23 24 00.9	2-CPLP	448 or no 23 25 38.2 24.5M 8.0M GULF DE CADIZ
19 EPN	05 38 21.6	2-CPLP	728 or no 03 34 17.4 43.4M 0.9M RUL DA FRANCA
17 EPB	17 58 38.0	2-CPLP	45 or no 17 28 28 LOCAL
20 EP	04 20 57	2-CPLP	10791 or no 04 36 28.1 28.5M 141.3E ORBY HONGSHU JAPAN
21 IPKX	07 33 00.0C	2-CPLP 1.1	13949 or no 07 14 04.4 4.88 128.4E MAR DE BANDA
21 EPKXP	07 02 52	2-CPLP	13949 or no 07 47 21.7 8.08 128.3E MAR DE BANDA
22 IP	06 19 12.4D	2-CPLP 1.8	8392 or no 04 07 37.0 14.5M 91.4M SUARUKALA GRAD IV VITIMAS
23 EPB	23 08 19.2	2-CPLP	434 or no 23 07 14 28.7M 10.8M

DIA	FASE	HORA-TMG	COMP-APAR	T(S)	DIST-KM	REFERENCIAS
04	EPKTKP	15 17 30	Z=CPLP	0.9	15638	GR HB 14 58 13.0 4.7S 153.1E NOVA IRLANDA GRAU V
05	EPN ISN	09 57 28.9 58 26.7	Z=CP NE=CP		521	TN HB 09 56 13 OCEANO ATLANTICO
05	EPB ESB ESG	20 09 27.3 10 36.7 10 40.4	Z=CP E=CP N=CP		455	TR HB 20 08 22.0 37.8N 4.2E TORRE DONDIMENOS ESPANHA
06	EPG ISG	05 01 02.7 01 04.9	Z=CP Z=CP		30	SENTIDA EM FERREIRA DO ZEZERE 7FKFRE
07	EP E EPP ES L	03 01 56.2 04 56 06 12.0 14 23.5 03 49	Z=CPLP Z=LP Z=LP Z=LP Z=LP	1.0	11249	GR HB 02 48 47.6 32.0N 137.6E SUL DE HONSHU JAPAO
07	IP I EPP ES	22 39 28.6D 39 41.0 40 14.0 43 12.2	Z=CPLP Z=CPLP Z=LP Z=LP	1.1	3023	GR HB 22 23 46.7 34.5N 25.3E CRETA
08	IPG ISG	06 00 55.0D 01 03.2	ZNE=CP ZNE=CP		77	TN HB 06 00 43 39.7N 8.9W SENTIDA LEIRIA GRAU II
09	IPG ISG	17 47 54.7D 47 58.7	Z=CP Z=CP		35	LOCAL
10	EPG ISG	16 30 06.3 30 11.3	Z=CP Z=CP		44	REGISTADO PTB MTE
11	IP IPP ES L	19 25 10.0C 25 11.2 28 43.0 19 32.2	Z=CPLP Z=LP Z=LP Z=LP	1.2	2114	GR HB 19 20 49.1 38.1N 16.0E SUL ITALIA VITIMAS E ESTRAGOS
12	EP I EPP	08 39 50.0 40 00.0 42 09.8	Z=CPLP Z=LP Z=LP	0.7	7027	GR HB 08 29 19.0 41.9N 79.7E SHINKIANG CHINA GRAU IV
12	EPG ISG	15 28 11 28 17.6	Z=CP N=CP		50	LOCAL
15	ESG	10 45 47	N=CP			REGIST FAR PTB
15	EPP	22 22 56	Z=CP	1.0	11931	GR HB 22 04 40.1 26.4N 140.6E TLH BANIN ISLANDIA
17	EPG EPB ISG	12 35 45.3 35 47.0 35 50.5	ZN=CP Z=CP N=CP		56	REGISTADO PTB

DLA FACT	HORA-TING	COMP-APAR TIR	DIST-KM	REFERENCIAL
08 EPN 18N	08 27 28.9 28 26.7	3-CPL HE-CP	0.9 1828	NO 14 28 13.0 4.78 183-1E NOVA IRLANDA GRAN Y
08 EPN E88 E80	08 08 27.3 10 26.7 10 40.4	3-CPL 3-CPL H-CPL	482	TR NO 20 DE 22.0 27.8N 4.5E TORRE CONDIMENTO ESPANHA
06 EPN 180	08 01 05.7 01 04.9	3-CPL 3-CPL	30	OPORTUN EM FERREIRA DO ZEZERE ZEZERE
07 CP E EPP E8	03 01 26.2 04 26 06 15.0 14 23.2 03 49	3-CPLP 3-LP 3-LP 3-LP 3-LP	1.0 11249	AR NO 09 48 47.6 29.0N 137.6E RUL DE HONSHU JAPAO
07 1P I EPP E8	22 38 28.60 32 41.0 40 14.0 43 12.2	3-CPLP 3-CPLP 3-LP 3-LP	1.2 3053	AR NO 02 03 46.7 24.2N 28.3E CRETA
04 1P0 180	04 00 22.00 01 03.2	3HE-CP 3HE-CP	77	TR NO 04 00 42 28.7N 8.9W CENTRO LITRIA GRAN II
09 1P8 180	17 47 24.70 47 28.7	3-CPL 3-CPL	38	LOCAL
10 EPN 180	14 30 06.3 20 11.9	3-CPL 3-CPL	44	RESTAÇÃO PTO MTE
11 1P 1P9 E8 E	19 22 10.00 22 11.2 28 43.0 19 28.5	3-CPLP 3-LP 3-LP 3-LP	1.5 2114	AR NO 19 20 49.1 38.1N 16.0E RUL ITALIA VITINAS E ESTABOIS
12 CP I EPP	08 38 20.0 40 00.0 42 02.8	3-CPLP 3-LP 3-LP	0.7 7027	AR NO 08 22 12.0 41.3N 79.7E SHINKANG CHINA GRAN IV
12 EPN 180	18 28 11 28 17.6	3-CPL H-CPL	80	LOCAL
12 E80	10 48 47	H-CPL		REGIST FAR PTO
18 EPP	22 22 22	3-CPL	1.0 11931	AR NO 22 04 40.1 28.4N 140.6E TIM HONSHU IRLANDIA
17 EPN EPP 180	12 38 45.3 32 47.0 22 20.8	3H-CPL 3-CPL H-CPL	84	RESTAÇÃO PTO

	ISB	35 52.0	N-CP					
18	EPN	11 11 35.6	Z-CP		695	GR	HB 11 10 02.9 36.6N	1.9W
	ESN	12 42.0	N-CP				ALBRAN ESPANHA	
	ISG	13 14.7	N-CP					
19	IP	01 51 22.8	Z-CPLP	0.9	8896	GR	HB 01 39 14.0 17.0N	99.7W
	I	52 55.0	Z-LP				GUERRERB MEXICO	
	IPP	54 11.4	Z-LP				VITIMAS ESTRAGOS	
	ES	02 01 40.0	Z-LP					
	LM	02 23.0	Z-LP					
19	EPN	14 45 16.3	N-CP		178	GR	REGISTADO PTO MTE	
	ESN	45 49.0	N-CP					
	ISG	45 57.6	N-CP					
19	IP	18 51 32.00	Z-CPLP	1.1	4655	GR	HB 18 43 40.8 1.5S	15.6W
	EPP	53 09.0	Z-LP				NORTE TLHA ASCENSAO	
20	IP	15 50 52.0	Z-LP		4877	GR	HB 15 42 46.7 0.8N	29.8W
	LM	16 04.5	Z-LP				CRISTA CENTRAL ATLANTICO N	
20	EIP	18 17 52.0	Z-CPLP	2.0	4880	GR	HB 18 09 43.6 0.8N	29.7W
	IPP	19 36.0	Z-LP				CRISTA CENTRAL ATLANTICO N	
	ES	24 38.2	Z-LP					
	LM	18 31.0	Z-LP					
22	EP	01 03 48	Z-CP		10370	GR	HB 00 50 32.2 44.3N	149.0E
	LM	01 45.0	Z-CP				TLHAS KURILHAS GRAU V	
22	EP	21 47 47.3	Z-CP	0.7	10360	GR	HB 21 34 33.4 44.1N	149.0E
	ESP	22 00 30.0	Z-LP				TLHAS KURILHAS	
	LM	22 39.1	Z-LP				GRAU V	
23	IP	00 44 15.2	Z-CPLP	1.2	10350	GR	HB 00 31 02.1 44.3N	149.0E
	EPP	47 52	Z-LP				TLHAS KURILHAS	
	ES	55 34	Z-LP				GRAU V	
	ESPP	57 05	Z-LP					
	L	01 09	Z-LP					
	M	01 31	Z-LP					
23	EP	03 28 33.0	Z-CPLP	0.7	10372	GR	HB 03 15 20.3 44.9N	148.4E
	LM	04 23.3	Z-LP				TLHAS KURILHAS GRAU VI TS	
23	EP	15 00 10	Z-CP		4616	GR	HB 14 52 20.2 7.6N	37.3W
							CRISTA CENTRAL ATLANTICO N	
24	IP	00 51 20.30	Z-CP	1.1	5389	GR	HB 00 42 36.3 29.8N	67.4W
							ATLANTICO NORTE	
24	EPN	13 02 52.3	Z-CP		650	GR	HB 13 01 24.4 37.6N	1.7W
	ISN	03 57.0	N-CP				ILRCA ESPANHA	

188	188	03 27.0	N=CP						
19 EPN	19 EPN	13 09 25.3	Z=CP	880	OR NO 13 01 24.4	37.6N	1.7N		
180	180	23 14.7	N=CP						
19 EPN	19 EPN	11 11 35.4	Z=CP	492	OR NO 11 10 05.9	36.6N	1.9N		
180	180	19 42.0	N=CP						
19 1P	19 1P	01 21 25.8	Z=CP	8854	OR NO 01 20 14.0	17.0N	22.7N		
1	1	28 22.0	Z=LP						
19P	19P	24 11.4	Z=LP						
EB	EB	09 01 40.0	Z=LP						
LM	LM	05 23.0	Z=LP						
19 EPN	19 EPN	14 48 16.3	N=CP	178					
EBN	EBN	48 48.0	N=CP						
180	180	48 27.4	N=CP						
19 1P	19 1P	18 21 35.0	Z=CP	4688	OR NO 18 43 40.8	1.88	12.0N		
EPN	EPN	23 09.0	Z=LP						
19 1P	19 1P	18 20 22.0	Z=LP	4877	OR NO 18 42 46.7	0.8N	22.8N		
LM	LM	16 04.2	Z=LP						
20 EIP	20 EIP	18 17 25.0	Z=CP	4880	OR NO 18 09 42.8	0.8N	22.7N		
19P	19P	19 36.0	Z=LP						
EB	EB	24 38.5	Z=LP						
LM	LM	18 31.0	Z=LP						
20 EP	20 EP	01 03 48	Z=CP	10370	OR NO 01 20 32.5	44.3N	149.0E		
LM	LM	01 42.0	Z=CP						
20 EP	20 EP	21 47 47.3	Z=CP	10360	OR NO 21 34 32.4	44.1N	149.0E		
EBP	EBP	22 00 30.0	Z=LP						
LM	LM	22 39.1	Z=LP						
20 1P	20 1P	00 44 18.5	Z=CP	10380	OR NO 01 21 05.1	44.3N	149.0E		
EPN	EPN	47 22	Z=LP						
EB	EB	22 34	Z=LP						
EBP	EBP	27 02	Z=LP						
J	J	01 09	Z=LP						
M	M	01 21	Z=LP						
20 EP	20 EP	03 28 33.0	Z=CP	10375	OR NO 03 12 00.3	44.8N	148.4E		
LM	LM	04 23.3	Z=LP						
20 EP	20 EP	18 00 10	Z=CP	4816	OR NO 18 22 20.2	7.6N	27.3N		
20 1P	20 1P	00 21 20.8	Z=CP	2389	OR NO 00 42 32.3	22.8N	27.4N		
20 EPN	20 EPN	13 09 25.3	Z=CP	880	OR NO 13 01 24.4	37.6N	1.7N		
180	180	03 27.0	N=CP						

DIA	FASE	HORA-TMG	COMP-APAR	T(S)	DIST-KM	REFERENCIAS
01	ISG	19 04 24.0	E=CP			REGISTADO PTB
24	EP	20 01 06.3	Z=CPLP		10336	RR HB 19 47 50.7 44.2N 148.9E
	LM	20 48.2	Z=LP			TLHAS KURILHAS GRAU VI
24	EP	21 16 09.2	Z=CP		6899	RR HB 21 05 48.2 42.8N 78.6E
	ESN	21 12 20.7	Z=CP			IRSR GRAU VII
25	IPG	16 12 47.4C	Z=CP		33	REGISTADO MTE
	ISG	05 12 50.2	E=CP		7754	RR HB 05 12 50.2 33.0N 82.9E
	LM	01 21.5	Z=CP			TIBET
25	EPKPP	19 45 36.0	Z=CP	1.0	17681	RR HB 19 26 03.2 21.0S 178.8W
	ESN	13 13 37.8	Z=CP		167	TLHAS FIJI
	ESN	13 18 58.3	Z=CP			
30	EPN	22 11 14.7	Z=CP	1.0	100	REGISTADO PTB MTE
	ESN	11 26.7	Z=CP			
04	IP	21 22 40.5	Z=CPLP		7548	RR HB 21 11 41.2 18.0N 77.0W
	IP	22 53.0	Z=CPLP			ARQUE DE PANAMA
	ES	30 07.2	Z=CP			
	EN	21 44.7	Z=CP			
07	IPN	07 40 13.60	Z=CP		222	RR HB 07 39 47.6 38.3N 9.1E
	IPB	40 23.0	Z=CP			SENTON LISABA RETURN
	ISN	40 45.0	E=CP			EVORA
	ISB	40 48.8	E=CP			
07	IPN	12 38 24.6	Z=CP		189	ROXING
	IPB	38 28.3	Z=CP			
	ISN	38 47.1	N=CP		432	
	ISB	38 50.6	N=CP			
07	EPB	15 55 25.0	Z=CP		78	REGISTADO MTE PTB
	ISB	55 33.0	E=CP			
10	IPKP	21 11 16.0C	Z=CPLP	0.2	13766	RR HB 21 09 12.3 11.4S 116.7E
	IPB	11 56.0	Z=CP			MILITINA SINGAPORE
	EPKPP	15 40.2	Z=CP			
	ESKPP	19 32.0	Z=CP			
	ISB	22 20.0	Z=CP			
	ESB	30 10.0	Z=CP			
	L	22 08.5	Z=CP			
11	IPKIP	03 01 13.0	Z=CP		18927	RR HB 03 41 41.0 9.5S 148.9E
						PAULI NEVA GUINE
11	EP	05 25 20.0	Z=CP		9310	RR HB 05 12 55.1 52.4N 152.7E
	IPB	25 34.0C	Z=LP			TLHA UNIMAK
12	IP	03 54 10.8	Z=CPLP	1.3	8799	RR HB 03 49 03.5 56.4N 153.7E
	IPB	54 23.0	Z=CP			TLHA KIDIAK
	EPB	07 03.0	Z=CP			SENTON DE GRAU IV V

188	04 24.0	E-CP		
84 EP	50 01 06.3	Z-CP/P	10336	NR NR 12 47 50.7 44.5N 148.5E
LM	50 48.5	Z-CP		TLHAB KURTJHAB GRAU VI
24 EP	51 14 02.5	Z-CP	6832	NR NR 11 05 48.5 44.5N 138.4E
				IRBB GRAU VII
88 198	14 15 47.4C	Z-CP	33	REGISTRADO MTE
180	15 20.5	E-CP		
88 EPKPP	19 48 36.0	Z-CP	1.0 17681	NR NR 12 26 03.5 51.0E 178.5N
				TLHAB FIJI
80 EPN	55 11 14	Z-CP	1.0 100	REGISTRADO PTO MTE
ESH	11 26.7	Z-CP		

DIA	FASF	HORA-TMG	COMP-APAR	T(S)	DIST-KM	REFERENCIAS
01	ESN	19 07 53.4	N=CP			REGISTADO PTB
01	EP ES	19 17 53.5 18 07.0	Z=CP E=CP		33	REGISTADO MTE
01	ESN	22 12 20.7	E=CP		2752	IBCAL 00 38.2 57.1N 36.6W ATLANTICO NORTE
04	EP LM	00 51 45.4 01 21.5	Z=LP Z=LP		7764	WB 00 40 29.2 33.0N 82.3E TIBET
04	EPN ISN ISB ISG	13 49.37.8 49.58.3 49.59.9 50.01.6	Z=CP N=CP N=CP E=CP		167	REGISTADO PTB MTE PROV COSTA PERU REGISTADO PTB MTE
04	IP I*P ES LM	21 22.40.5 23 22.55.0D 30.27.2 21 44.	Z=CPLP Z=CPLP Z=LP Z=LP		7548	WB 21 11 41.8 10.0N 77.9W NORTE DE PANAMA VICINIA VITINAR E ESTRADAS
07	IPN IPB ISN ISG	07 40.18.6D 40.23.0 40.45.0 40.48.8	Z=CP Z=CP E=CP E=CP		222	WB 07 39 47.6 38.3N 9.1W SENTIDA LISBOA SETUBAL FVORA AFGANISTAN URSS
07	EPN IPG ISN ISG	12 38.24.6 38.28.3 22 38.47.1 38.50.6	Z=CP Z=CP N=CP N=CP		189	WB 12 04 15.6 42.0N 85.9E PROXTIMO CHINA
07	EPG ISG	15 55.25.0 04 55.33.0	Z=CP E=CP		78	REGISTADO MTE PTB WB 04 21 10.4 9.8S 160.4E TLHA SALOMAN
10	IPKP IPP EPPP ESKKS ESP ESS L	21 11.16.0C 19 11.56.0 15.40.2 19.32.0 22.20.0 30.10.0 22 08.5	Z=CPLP Z=LP Z=LP Z=LP Z=LP Z=LP Z=LP	0.8	13766	WB 20 52 18.9 11.4S 116.7E SUL TLHA SUMBAWA
11	IPKTKP	03 01 13.0	Z=LP		15917	WB 02 41 41.0 9.5S 148.9E PADIJA NOVA GUINE
11	EP I*P	05 25 20.0 25 34.0C	Z=LP Z=LP		9310	WB 05 12 55.1 53.4N 163.7W TLHA UNIMAK
12	IP I*P EPP	03 54 10.8 54 23.0 57 03.0	Z=CPLP Z=LP Z=LP	1.3	8750	WB 03 42 03.5 56.4N 152.7W TLHA KIDIAK SENTIDA DO GRAU IV V

DTA FARE	HORA-TMG	COMP-APAR T(8) DIST-KM	REFERENCIA
01 EBN	19 07 53.4	N=CP	REGISTRADO PTO
01 EP	19 17 53	Z=CP	REGISTRADO MTE
EB	18 07.0	E=CP	
01 EBN	22 15 20.7	E=CP	LOCAL
04 EP	00 21 42.4	Z=CP	NR NR 02 40 29.5 23.0N 85.3E
LM	01 21.2	Z=CP	TIBET
04 EPN	13 48 37.8	Z=CP	REGISTRADO PTO MTE
EB	48.28.3	N=CP	
EB	48.29.3	N=CP	
EB	50.01.8	E=CP	
04 IP	21 25.40.8	Z=CP	NR NR 21 11 41.8 10.0N 77.9W
EP	22.28.0	Z=CP	NORTE DE PANAMA
EB	30.27.5	Z=CP	
LM	21 44	Z=CP	
07 IPN	07 40.18.8	Z=CP	NR NR 07 39 47.6 38.3N 9.1W
EP	40.23.0	Z=CP	RENTION LIBRA RETUBAL
EB	40.42.0	E=CP	
EB	40.48.8	E=CP	
07 EPN	12 38.24.6	Z=CP	BOXYM
EP	38.28.3	Z=CP	
EB	38.47.1	N=CP	
EB	38.50.6	N=CP	
07 EPB	12 22.22.0	Z=CP	REGISTRADO MTE PTO
EB	22.33.0	E=CP	
10 IPK	21 11.16.0	Z=CP	NR NR 20 22 18.9 11.48 110.7E
EP	11.26.0	Z=CP	GUL TIHA BUMBAY
EP	12.40.2	Z=CP	
EB	18.38.0	Z=CP	
EB	22.30.0	Z=CP	
EB	30.10.0	Z=CP	
L	22 08.2	Z=CP	
11 IPK	03 01 13.0	Z=CP	NR NR 03 41 41.0 9.88 148.9E
EP	08 28 20.0	Z=CP	PADIA NEVA GUINE
EP	22 34.0	Z=CP	NR NR 12 28.1 29.4N 163.7W
EP	22 34.0	Z=CP	TLA UNIMAK
12 IP	03 24 10.8	Z=CP	NR NR 03 42 03.5 84.4N 125.7W
EP	24 23.0	Z=CP	TLA KDIK
EP	27 03.0	Z=CP	RENTION DO GRAY IV

ABRIL 1978		PAG. 10	
IS	04 04 17.4	Z=LP	
L	04 16.2	Z=LP	
M	04 26.0	Z=LP	
12	EPG 19 16 52.5	Z=CP	33
	ISG 16 57.0	Z=CP	
13	EP 06 05 59.4	Z=CP	0.4 2759
			GR HB 06 00 38.3 57.1N 36.6W
			ATLANTICO NORTE GRANADA
15	IPG 13 07 06.3D	Z=CPLP	1.0 9761
	ISG 07 11.6	E=CP	
			GR PROXIMO 37.5 51.7N 174.1W
			TLHAS ANDREANOF
15	EP 14 01 53.0	Z=CPLP	9189
			GR HB 13 49 32.3 16.5S 73.5W
			PROX COSTA PERU ESPANHA
15	ESN 21 30 06	E=CP	
			REGISTADO PTO MTE
15	IP 23 38 02.0C	Z=LP	1.1 2024
	IPP 38 15.8	Z=LP	
	IS 41 36.0	Z=LP	
	LM 23 44.3	Z=LP	
			GR HB 23 33 47.2 38.4N 15.1E
			SICILIA
			VITIMAS E ESTRAGOS
21	IP 15 32 45.0C	Z=CPLP	0.5 6506
			GR HB 15 22 57.6 36.6N 71.3E
			FRONT AFGANISTAN URSS
22	IP 15 15 13.2C	Z=CPLP	1.0 7456
	I*P 15 18.8	Z=LP	
			GR HB 15 04 15.6 42.0N 85.9E
			SINKTANG CHINA
27	EPG 22 09 21.7	Z=CP	585
	EPB 09 30.3	Z=CP	
	ESN 12 10 05.0	N=CP	
			GR HB 22 07 40 35.0N 9.9W
			GR HB 12 33 34.0 40.7N 122.5E
			NORDESTE DA CHINA
29	IPKTKP 04 40 53.0D	Z=CPLP	1.4 16451
			GR HB 04 21 10.4 9.8S 160.4E
			TLHAS SALOMAN
29	EPN 19 20 54.8	Z=CP	441
	ESN 21 41.9	E=CP	
			TN HB 19 19 55 36.5N 10.2W
			GR HB 12 10 31.1 40.2N 78.5W
			PROX COSTA PERU GRAU II
29	IPN 09 41 47.2D	Z=LP	201
	ISN 42 10.2	N=CP	
			TR HB 09 41 18.1 39.1N 9.1W
			ALENQUER PORTUGAL
29	EP 08 03 54.6	Z=CPLP	1.2 11006
	EPP 07 50.0	Z=LP	
			GR HB 07 50 28.2 31.0N 130.1E
			KYURUWU JAPAN GRAU III V
29	ESN 18 36 09	N=CP	685
			GR HB 18 27 36.9 36.3N 4.3W
			ALMOCENAS ESPANHA
29	IP 23 39 27.6D	Z=LP	1.0 2665
	ES 43 43.0	Z=LP	
	LM 23 50.0	Z=LP	
			GR HB 23 34 11.4 40.8 23.3E
			ARECIA VITIMAS ESTRG GR VI
29	EP 06 29 47.6	Z=CPLP	9812
	L 07 01.5	Z=LP	
			GR HB 06 16 55.4 51.2N 179.2W
			TLHAS ALEUTINAS GRAU IV

Line	Code	Time	Rate	Description	Code	Time	Rate	Description
18	M	04 04 17.4			Z-LP			
19	L	04 18.5			Z-LP			
20	M	04 26.0			Z-LP			
21	EPB	12 14 25.8		LOCAL	Z-CP			
22	ESB	18 27.0			Z-CP			
23	EP	06 08 29.4	0.4	ATLANTIC NORTH	Z-CP			
24	EPB	13 07 06.30		PROYMO	Z-CR/LP			
25	ESB	07 11.6			E-CP			
26	EP	14 01 23.0		PROY COSTA PERU	Z-CR/LP			
27	ESB	51 30 06		REPOSTADO PTO HTE	E-CP			
28	EP	53 38 05.0C	1.1	RICILIA	Z-LP			
29	EPB	38 15.8		VITIHAR E ESTRAGOS	Z-LP			
30	ES	41 36.0			Z-LP			
31	LM	53 44.3			Z-LP			
32	EP	18 36 48.0C	0.8	FRONT AZERBAIJAN URSS	Z-CR/LP			
33	EP	18 18 13.5C	1.0	KINSHANG CHINA	Z-CR/LP			
34	EPB	18 18.8			Z-LP			
35	EPB	55 09 51.7			Z-CP			
36	EPB	09 30.3			Z-CP			
37	ESB	10 05.0			M-CP			
38	EPKXPR	04 40 23.0D	1.4	THAR RALBHAD	Z-CR/LP			
39	EPB	19 50 24.8			Z-CP			
40	ESB	51 42.9			E-CP			

DIA	FASF	HORA-TMG	COMP-APAR	T(S)	DIST-KM	REFERENCIAS
09	EPN ESN	22 05 21.0 06 10.3	Z-CP NE-CP		469	RR HB 22 04 14 36.7N 11.4W
10	EPN ESN	23 55 27 56 34	Z-CP N-CP		597	TR HB 23 54 12.2 37.6N 2.4W CULIAR DE BAZA GRANADA
11	EP I	00 36 21.3 36 24.3	Z-CPLP Z-LP	1.0	9721	RR HB 00 23 37.6 51.7N 176.1W TLHAS ANDREANOF
11	EPN IPG FSN ISG	04 52 50.7 53 15.6 53 53.2 54 29.3	Z-CP Z-CP N-CP N-CP		640	TR HB 04 51 26 36.3N 2.6W MEDITERRANEO SUL ESPANHA
12	EPN	06 26 17.3 27 14.3	N-CP N-CP		713	RR HB 06 24 41 33.8N 8.7W
13	IPKTKP IPKHKP IPKPP IPP ISKRS L	07 28 20.2D 28 32.0 28 45.6 32 20.0 33 00.0 08 35.0	Z-CPLP Z-CPLP Z-LP Z-LP Z-LP Z-LP	1.6	17115	RR HB 07 08 46.2 14.5S 167.3E NBVAS HEBRIDAS
17	EPN ESN ISG	22 29 40.7 30 38.2 31 02.7	Z-CP N-CP N-CP		591	TR HB 22 28 25.6 37.7N 2.4W
18	EP I L	12 46 11.0 46 38.0 13 27	Z-LP Z-LP Z-LP		9738	RR HB 12 33 34.0 40.7N 122.5E NORDESTE DA CHINA
18	EP I*P	17 23 03.6 23 14.4	Z-LP Z-LP		5260	RR HB 17 14 30.1 39.7N 54.8E URSS GRAU IV
20	IP I*P L	13 22 47.3C 23 01.3 13 52.5	Z-CPLP Z-LP Z-LP	1.0	9097	RR HB 13 10 31.1 10.2S 78.5W PROX COSTA PERU GRAU II
22	IPN ISN	09 41 47.2D 42 10.2	Z-LP N-CP		201	TR HB 09 41 18.1 39.1N 9.1W ALENQUIER PORTUGAL
23	EP EPP	08 03 54.6 07 50.0	Z-CPLP Z-LP	1.2	11006	RR HB 07 50 28.2 31.0N 130.1E KYUSHU JAPAN GRAU III V
23	ESN	18 30 09	N-CP		655	RR HB 18 27 36.9 35.3N 4.3W ALMUCFNAS ESPANHA
23	IP ES LM	23 39 27.6D 43 43.0 23 50.0	Z-LP Z-LP Z-LP	1.0	2665	RR HB 23 34 11.4 40.8 23.3E GRECIA VITIMAS ESTRG GR VI
24	EP L	06 29 47.6 07 01.5	Z-CPLP Z-LP		9812	RR HB 06 16 55.4 51.2N 179.2W TLHAS ALEUTINAS GRAU IV

DIA FASE	HORA-TMG	CMR-APAR TIBI	DIST-KM	REFERENCIAS
09 EPN	05 02 51.0	2-CP	469	GR HB 02 04 14 34.7N 11.4W
EBN	04 10.3	NE-CP		
10 EPN	03 02 57	2-CP	597	TR HB 03 04 12.5 37.8N 5.4W
EBN	04 34	W-CP		FULAR DE BAZA GRANADA
11 EP	00 34 51.3	2-CP	9751	GR HB 00 03 37.6 51.7N 174.1W
I	34 54.3	2-LP		TLHAS ANDREANGF
11 EPN	04 05 00.7	2-CP	640	TR HB 04 01 04 34.3N 5.0W
1P8	03 18.4	2-CP		
FBN	03 03.5	W-CP		MEDYERRANEO SUL ESPANHA
180	04 59.3	W-CP		
12 EPN	06 04 17.3	W-CP	713	GR HB 04 04 41 32.8N 8.7W
	07 14.3	W-CP		
13 1PKXP	07 08 50.50	2-CP	17115	GR HB 07 08 46.5 14.58 167.3E
1PKXP	08 35.0	2-CP		NOVAS HEBRIDAS
1PKP	08 48.6	2-LP		
1PP	08 50.0	2-LP		
1SKR	09 00.0	2-LP		
I	08 38.0	2-LP		
17 EPN	05 09 40.7	2-CP	891	TR HB 05 08 28.6 37.7N 5.4W
EBN	06 38.5	W-CP		
180	01 05.7	W-CP		
18 EP	12 46 11.0	2-LP	9738	GR HB 12 03 34.0 40.7N 152.8E
I	46 38.0	2-LP		WORDERTE DA CHINA
I	13 57	2-LP		
18 EP	17 03 03.6	2-LP	8560	GR HB 17 14 30.4 39.7N 84.8E
14P	03 14.4	2-LP		URBE GRAU IV
20 1P	13 05 47.30	2-CP	9097	GR HB 13 10 31.4 10.58 78.5W
14P	03 01.3	2-LP		PROX COSTA PERU GRAU II
I	13 05.8	2-LP		
22 1PN	09 41 47.50	2-LP	501	TR HB 09 41 18.1 39.1N 9.1W
18N	49 10.5	W-CP		ALENQUER PORTUGAL
23 EP	08 09 04.6	2-CP	11008	GR HB 07 00 58.5 31.0N 130.1E
EPP	07 00.0	2-LP		KYUSHU JAPAN GRAU III V
23 EBN	18 30 09	W-CP	682	GR HB 18 07 34.9 38.3N 4.3W
				ALMICHAS ESPANHA
23 1P	03 09 07.60	2-LP	2668	GR HB 03 04 11.4 40.8 53.3E
ES	43 43.0	2-LP		GRICIA VITINAS ESTRO GR VI
LM	03 00.0	2-LP		
24 EP	06 09 47.6	2-CP	9812	GR HB 04 16 05.4 51.5N 179.5W
I	07 01.8	2-LP		TLHAS ALEUTINAS GRAU IV

DIA	FASZ	HORA-TMO	COMP-REF	T(S)	DIST-KM	REFERENCIAS
26	EIP I	13 51 17.2C 51 27.2	Z=CPLP Z=LP	1.2	4527	GR HB 13 43 38.2 42.0N 46.6E CAUCASO URSS GRAU V-VI
26	IPP EPS ESS LM	00 17 35.8C 26 53.6 32 56.0 01 00.6	Z=CPLP Z=LP Z=LP Z=LP	1.1	12224	GR HB 23 58 22.0 24.3N 142.7E TLHAS VULCANO CO SUL
28	EP	19 22 16	Z=LP		2611	GR HB 19 17 07.3 57.2N 33.6W ATLANTICO NORTE
29	EPG ISG	17 53 41.2 53 46.8	Z=CP N=CP		40	TN HB 17 53 34 40.4N 8.6W SW COIMBRA UGAL
30	EP I	20 27 50.8 27 57.0	Z=CPLP Z=LP		7176	GR HB 20 17 15.2 11.0N 57.3E MAR DA ARABIA GRAU III
31	EP I*P EPP LM	01 18 48.0 19 08.0D 21 31.7 01 44.0	Z=CPLP Z=LP Z=LP Z=LP	1.2	8137	GR HB 01 07 22.4 12.8N 87.2W PROX COSTA NICARAGUA TLHA DE VANCOUVER
12	IP I*P IPP IS L M	08 27 55.0D 28 09.8D 31 50.4 39 06.0 08 55.0 09 12.7	Z=CPLP Z=LP Z=LP Z=LP Z=LP Z=LP		10784	GR HB 08 14 26.4 38.2N 142.0E PROX HONSHU JAPAN VITINAS MORTOS PERIDOS ESTRASS MATERIAS
14	EP EPP EPPD L M	11 47 48.8 51 37.0 53 50.0 12 32.0 13 44.6	Z=LP Z=LP Z=LP Z=LP Z=LP		10782	GR HB 11 34 20.0 38.2N 142.4E PROX HONSHU JAPAN SENTIDO GRAU IV
15	EP LM	08 30 04.9 08 58.8	Z=CPLP Z=LP		8322	GR HB 08 18 31.3 2.1N 22.7W SUL DO PANAMA
15	ESKP	13 52 44.4	Z=CPLP		14409	GR HB 13 30 40.6 7.3S 128.9E MAR OF BANDA
16	IPN ISN	02 31 42.6D 35 32.6	Z=CP Z=CP		460	TA HB 02 33 40.6 34.1N 7.2W ALHAYAR ATLANTICO
16	EP LM	05 46 30 06 39.3	Z=LP Z=LP		10134	GR HB 05 33 32.0 38.2N 143.3E HONSHU JAPAN GRAU II
17	EPKP IPKP IPP IPPD LM	15 31 23.2 31 31.2 35 14.2 38 55.0 16 40.4	Z=CPLP Z=LP Z=LP Z=LP Z=LP	1.3	16994	GR HB 15 11 33.5 17.1S 172.3W TLHAS DE TONGA

LINE	DATE	DESCRIPTION	AMOUNT	BALANCE
94 EIP	13 01 17.50	Z-CRIP 1.5	13 01 17.50	
I	21 27.5	Z-LP	21 27.5	
94 IPP	00 17 35.80	Z-CRIP 1.1	00 17 35.80	
EPP	28 83.6	Z-LP	28 83.6	
EES	29 86.0	Z-LP	29 86.0	
LM	01 00.6	Z-LP	01 00.6	
98 EP	19 25 16	Z-LP	19 25 16	
99 EPP	17 83 41.5	Z-CRIP	17 83 41.5	
IEB	83 46.8	M-CRIP	83 46.8	
90 EP	50 27 20.8	Z-CRIP	50 27 20.8	
I	27 87.0	Z-LP	27 87.0	
31 EP	01 18 48.0	Z-CRIP 1.5	01 18 48.0	
1.9P	18 08.00	Z-LP	18 08.00	
EPP	21 31.7	Z-LP	21 31.7	
LM	01 44.0	Z-LP	01 44.0	
95 EIP	08 01 12.50	Z-CRIP 1.5	08 01 12.50	
I	15 27.5	Z-LP	15 27.5	
95 IPP	00 17 35.80	Z-CRIP 1.1	00 17 35.80	
EPP	28 83.6	Z-LP	28 83.6	
EES	29 86.0	Z-LP	29 86.0	
LM	01 00.6	Z-LP	01 00.6	
98 EP	19 25 16	Z-LP	19 25 16	
99 EPP	17 83 41.5	Z-CRIP	17 83 41.5	
IEB	83 46.8	M-CRIP	83 46.8	
90 EP	50 27 20.8	Z-CRIP	50 27 20.8	
I	27 87.0	Z-LP	27 87.0	
31 EP	01 18 48.0	Z-CRIP 1.5	01 18 48.0	
1.9P	18 08.00	Z-LP	18 08.00	
EPP	21 31.7	Z-LP	21 31.7	
LM	01 44.0	Z-LP	01 44.0	
95 EIP	08 01 12.50	Z-CRIP 1.5	08 01 12.50	
I	15 27.5	Z-LP	15 27.5	
95 IPP	00 17 35.80	Z-CRIP 1.1	00 17 35.80	
EPP	28 83.6	Z-LP	28 83.6	
EES	29 86.0	Z-LP	29 86.0	
LM	01 00.6	Z-LP	01 00.6	
98 EP	19 25 16	Z-LP	19 25 16	
99 EPP	17 83 41.5	Z-CRIP	17 83 41.5	
IEB	83 46.8	M-CRIP	83 46.8	
90 EP	50 27 20.8	Z-CRIP	50 27 20.8	
I	27 87.0	Z-LP	27 87.0	
31 EP	01 18 48.0	Z-CRIP 1.5	01 18 48.0	
1.9P	18 08.00	Z-LP	18 08.00	
EPP	21 31.7	Z-LP	21 31.7	
LM	01 44.0	Z-LP	01 44.0	

94 EIP 13 01 17.50 Z-CRIP 1.5
 I 21 27.5 Z-LP
 94 IPP 00 17 35.80 Z-CRIP 1.1
 EPP 28 83.6 Z-LP
 EES 29 86.0 Z-LP
 LM 01 00.6 Z-LP
 98 EP 19 25 16 Z-LP
 99 EPP 17 83 41.5 Z-CRIP
 IEB 83 46.8 M-CRIP
 90 EP 50 27 20.8 Z-CRIP
 I 27 87.0 Z-LP
 31 EP 01 18 48.0 Z-CRIP 1.5
 1.9P 18 08.00 Z-LP
 EPP 21 31.7 Z-LP
 LM 01 44.0 Z-LP

95 EIP 08 01 12.50 Z-CRIP 1.5
 I 15 27.5 Z-LP
 95 IPP 00 17 35.80 Z-CRIP 1.1
 EPP 28 83.6 Z-LP
 EES 29 86.0 Z-LP
 LM 01 00.6 Z-LP
 98 EP 19 25 16 Z-LP
 99 EPP 17 83 41.5 Z-CRIP
 IEB 83 46.8 M-CRIP
 90 EP 50 27 20.8 Z-CRIP
 I 27 87.0 Z-LP
 31 EP 01 18 48.0 Z-CRIP 1.5
 1.9P 18 08.00 Z-LP
 EPP 21 31.7 Z-LP
 LM 01 44.0 Z-LP

DIA	FASF	HORA-TMG	CBMP-APAR	T(S)	DIST-KM	REFERENCIAS
02	EP	22 36 39.3	Z=CPLP	1.7	2660	GR HB 22 31 24.4 40.8N 23.2E GRECIA ESTRAGOS
03	EP	05 16 46	Z=CPLP		16141	GR HB 04 57 12.5 57.1S 140.5W CORDIL PACIFICO SUL
04	IP	19 39 42.6C	Z=CPLP	1.3	5923	GR HB 19 30 23.4 40.4N 63.6E UZBKF URSS GRAU III-VII
	I	39 46.2	Z=LP			
	EPP	41 42	Z=LP			
	L	20 07.3	Z=LP			
08	EPN	15 36 13.3	Z=CP		403	TN HB 15 35 18 38.3N 12.4W COSTA PORTUGAL
	ISN	36 56.7	Z=CP			
11	IPKP	14 48 00.1D	Z=LP		16874	GR HB 14 27 55.3 15.3S 173.6W TLHAS TONGA GRAU III
	I*PKP	48 13.0	Z=LP			
	I	48 52.0	Z=LP			
11	EP	15 07 20.0	Z=CPLP	1.7	8509	GR HB 14 55 25.5 49.3N 129.5W TLHA DE VANCOUVER
	LM	15 35.0	Z=LP			
12	IP	08 27 55.0D	Z=CPLP		10784	GR HB 08 14 26.4 38.2N 142.0E PROX HONSHU JAPAO VITIMAS MORTOS FERIDOS ESTRAGOS MATERIAIS
	I*P	28 09.8D	Z=LP			
	IPP	31 50.4	Z=LP			
	IS	39 06.0	Z=LP			
	L	08 55.0	Z=LP			
	M	09 12.7	Z=LP			
14	EP	11 47 48.8	Z=LP		10782	GR HB 11 34 20.0 38.3N 142.4E PROX HONSHU JAPAO SENTIDO GRAU IV
	EPP	51 37.0	Z=LP			
	EPPP	53 50.0	Z=LP			
	L	12 32.0	Z=LP			
	M	13 44.6	Z=LP			
15	EP	08 30 04.9	Z=CPLP		8222	GR HB 08 18 31.3 6.1N 82.7W SUL DE PANAMA
	LM	08 55.8	Z=LP			
15	ESKP	13 52 44.4	Z=CPLP		14409	GR HB 13 30 45.6 7.3S 128.9E MAR DE BANDA
16	IPN	02 34 42.6D	Z=CP		460	TN HB 02 33 40.6 36.1N 7.8W GIBRAITAR ATLANTICO
	ISN	35 53.6	Z=CP			
16	EP	05 46 30	Z=LP		10134	GR HB 05 33 32.0 38.2N 143.3E HONSHU JAPAO GRAU II
	LM	06 39.3	Z=LP			
17	EPKP	15 31 23.2	Z=CPLP	1.3	16996	GR HB 15 11 33.5 17.1S 172.3W TLHAS DE TONGA
	IPKP2	31 31.2	Z=LP			
	IPP	35 14.2	Z=LP			
	IPPP	38 55.0	Z=LP			
	LM	16 40.4				

DATA	FASE	HORA-TMO	COMP-APPAR (18)	DIST-KM	REFERENCIAS
05	EP	05 34 39.3	Z-CPLP	1.7	8880 NR WB 02 31 24.4 40.8N 83.5E GRECIA
03	EP	08 18 46	Z-CPLP		16191 NR WB 04 27 12.8 87.18 140.8W CORDIL. PACIFICO SUL
04	TP	19 38 42.60	Z-CPLP	1.3	8953 NR WB 19 30 53.4 40.4N 83.6E HIBEX URSE GRAU III-VII
	I	39 44.3	Z-LP		
	EPP	41 45	Z-LP		
	L	50 07.3	Z-LP		
08	EPN	18 36 13.3	Z-CP		403 YN WB 18 38 18 38.3N 15.4W COSTA PORTUGAL
	18N	38 56.7	Z-CP		
11	TPKp	14 48 00.10	Z-LP		16874 NR WB 14 27 58.3 18.38 173.6W TLHAS TONGA GRAU III
	1APKp	48 13.0	Z-LP		
	I	48 52.0	Z-LP		
11	EP	18 07 50.0	Z-CPLP	1.7	8809 NR WB 14 58 52.2 49.3N 152.5W TLHA DE VANCOUVER
	LM	18 38.0	Z-LP		
19	TP	08 57 52.00	Z-CPLP		10784 NR WB 08 14 56.4 38.5N 142.0E PROX HONSHU JAPAO VITIMAS MORTOS FERIDOS ESTRAGOS MATERIAIS
	1AP	58 02.80	Z-LP		
	1PP	31 50.4	Z-LP		
	18	39 04.0	Z-LP		
	L	08 52.0	Z-LP		
	M	09 19.7	Z-LP		
14	EP	11 47 48.8	Z-LP		10785 NR WB 11 34 50.0 38.3N 142.4E PROX HONSHU JAPAO RENTING GRAU IV
	EPP	51 37.0	Z-LP		
	EPPp	53 50.0	Z-LP		
	L	12 35.0	Z-LP		
	M	13 44.6	Z-LP		
18	EP	08 30 04.9	Z-CPLP		8255 NR WB 08 18 31.3 4.1N 82.7W RUL DO PANAMA
	LM	08 58.8	Z-LP		
18	ESKp	13 25 44.4	Z-CPLP		14409 NR WB 13 30 42.6 7.38 158.9E MAR DE BANDA
19	IPN	05 34 42.60	Z-CP		460 NR WB 05 33 40.6 34.1N 7.8W RIBALTAIR ATLANTICO
	18N	38 23.8	Z-CP		
16	EP	02 46 30	Z-LP		10134 NR WB 02 33 32.0 38.5N 143.3E HONSHU JAPAO GRAU II
	LM	06 39.3	Z-LP		
17	EPKp	12 31 23.5	Z-CPLP	1.3	16996 NR WB 12 33.8 17.18 175.3W TLHAS DE TONGA
	1PKp	31 31.5	Z-LP		
	1PP	38 14.5	Z-LP		
	1PPp	38 58.0	Z-LP		
	LM	16 40.4	Z-LP		

DIA	FASE	HORA	TMS	COORDENADAS	TMS	DIST-KM	REFERENCIAS	
19	IP	10	36	21.00	Z=CPLP	1.3	2661	GR HB 10 31 05.4 40.8N 23.2E
	I	04	36	48.0	Z=LP	1.0	2690	GRECIA
	LM	10	47.4		Z=LP			VITIMAS ESTRAGOS
19	IPG	16	12	20.2D	Z=CP		35	LOCAL
	ISG	12	25.0		N=CP			
20	IP	20	08	37.0D	Z=CPLP	1.0	2662	GR HB 20 03 21.0 40.7N 23.2E
	I	08	40.7		Z=CPLP			GRECIA
	IPP	02	09	10.1	Z=LP		6550	MORTOS 50 MUITOS FERIDOS
	IS	13	03.2		Z=LP			ESTRAGOS ABUNDANTES
	LM	20	19.7		Z=LP			
21	IP	11	22	52.2D	Z=CPLP		9908	GR HB 11 10 38.2 48.3N 148.6E
	I*P	24	27.0		Z=LP			TLHAS KURILHAS GRAU II
	ESP	03	35	10.1	Z=LP		8222	GR HB 03 35 01.0 52.9N 132.1W
	LM	11	52.5		Z=LP			TLHAS CARLOTA
21	EP	17	38	21.5	Z=CPLP	1.0	7034	GR HB 17 27 54.9 41.5N 79.4E
	I	38	30.8		Z=CP			SINKIANG CHINA
21	EPN	19	09	10.7	Z=CP	1.1	356	IN HB 19 08 21 32.6N 163.0W
	ISN	09	46.0		ZNE=CP			ILHAS FOX-ALEUTINAS
23	EPN	07	33	05.0	Z=CP		71	IN HB 07 32 40 38.9N 9.4W
	ISN	10	33	22.4	Z=CP		72	IN GRAU II=III LISBOA MAFRA
	ISG	33	24.3		NE=CP			BOUELA-PORTUGAL GRAU II
24	EPP	09	50	12.0	Z=LP	0.7	12115	GR HB 09 31 42.7 5.0S 102.4E
	LM	10	52.5		Z=LP			SUL DA SUMATRA
27	IPG	01	29	57.8C	Z=CP		47	IN HB 01 29 52 40.0N 8.7W
	ISG	30	03.1		E=CP			GRAU II=III SOURE
27	EPP	19	28	11	Z=LP		10917	GR HB 19 10 33.3 37.5N 142.8E
	LM	20	14.0		Z=LP			POSTA HONSHU JAPAN
	ISG	17	19.3		E=CP			GRAU II
18	EP	01	54	33.4	Z=LP		9794	GR HB 01 51 31.7 2.2N 97.9W
								ILHAS GALAPAGOS
19	EP	09	44	03.4	Z=LP		8667	GR HB 09 32 08.4 56.9N 151.3W
	L	10	16.0					ILHAS KODIAK
23	IP	14	56	34.0C	Z=LP		11333	GR HB 14 42 38.5 22.2N 121.4E
	EPP	15	02	56.0	Z=LP			TLHA FORMOSA
	ES		07	20.2	Z=LP			
	ESS		15	52.6	Z=LP			
	L	15	29.3		Z=LP			
	N	15	49		Z=LP			
24	EPN	18	35	16.0	E=CP		187	REFERTADO PTO LIS FAR TOL
	ISN		35	35.7	E=LP			

19 1P	10 34 21+0C	2-CPLP	1.3	2661	NR NB 10 21 02.4 40.8N 23.2E
1	34 48+0	2-LP			GRECIA
LM	10 47.4	2-LP			VITHAS ESTABOR
19 1P8	14 19 20+20	2-CP		32	LOCAL
180	19 22+0	M-CP			
20 1P	20 08 37+00	2-CPLP	1.0	2662	NR NB 20 02 21+0 40.7N 23.2E
1	08 40+7	2-CPLP			GRECIA
1PP	09 10+1	2-LP			HORTAS DO MUITOS PERIODOS
18	13 03+5	2-LP			RESTAURANTE ABUNDANTIS
LM	20 19+7	2-LP			
21 1P	11 29 25+20	2-CPLP		2668	NR NB 11 10 22+2 41.2N 14.8E
1+P	54 27+0	2-LP			TIHAR KURILHAS BRAU II
EBP	38 10+1	2-LP			
LM	11 29+2	2-LP			
21 2P	17 38 21+8	2-CPLP		2034	NR NB 17 27 24+2 41.8N 79+4E
1	38 30+8	2-CP			RINKIANG CHINA
21 2PN	19 09 10+7	2-CP		226	NR NB 19 02 21
12N	09 44+0	2NE-CP			
23 2PN	07 32 02+0	2-CP		71	NR NB 07 25 40 31.9N 9+4E
12N	32 25+4	2-CP			GRAN 11-111 LIBRERIA MAFRA
180	32 24+3	NE-CP			
24 2PP	09 20 25+0	2-LP		12118	NR NB 09 21 42+7 2+08 102+4E
LM	10 22+2	2-LP			SHI DA BUKATRA
27 1P8	01 29 27+8C	2-CP		47	NR NB 01 29 22 40+0N 8+7E
180	30 03+1	E-CP			GRAN 11-111 BOURG
27 2PP	19 28 11	2-LP		10917	NR NB 19 10 23+3 37.2N 142+8E
LM	20 14+0	2-LP			ROSTA HONSHU JAPAO

DIA	FASE	HORA=TMG	COMP=APAR	T(S)	DIST=KM	REFERENCIAS
02	EPKTKP EPP L M	04 21.26.9 25.11.0 05 20.0 05 29.0	Z=CPLP Z=LP Z=LP Z=LP	1.0	16980	GR HB 04 01 33.6 15.5S 175.4W ILHA DE TONGA
04	EP	22 28 38.6	Z=CPLP		2658	GR HB 22 23 30.2 40.8N 23.2E GRECIA
05	EP	02 56 55.0	Z=CPLP		6550	GR HB 02 46 57.6 49.8N 79.0E KAZAQUISTAO URSS EXPL SURT
05	EPN ESN	05 15 15 16 17	Z=CP Z=CP		630	TR HB 03 13 45.2 38.6N 1.4W SUL ESPANHA
11	EP	03 06 46.4	Z=CPLP		8328	GR HB 02 55 04.0 52.9N 132.1W ILHAS CARLOTA
11	IP	12 27 48.3	Z=CPLP	1.0	8440	GR HB 12 16 20.8 9.8S 70.5W FRONT PERU-BRASIL
13	EIP I*P ES	13 37 59.4 38 11.1 48 12	Z=CPLP Z=LP Z=LP	1.1	9522	GR HB 13 25 20.3 52.6N 169.0W ILHAS FOX-ALEUTINAS
14	IPG ISG	10 19 54.9D 20 03.2	Z=CP Z=CP		78	TN HB 10 19 41 40.8N 8.1W VOUZELA-PORTUGAL GRAU II
17	IPKP I I EIPP ES	13 45 31.2C 45 37.9C 45 50.1C 49 21.4 14 09 00	Z=CPLP Z=LP Z=LP Z=LP Z=LP	0.7	16916	GR HB 13 26 16.3 14.7S 175.9W ILHAS SAMOA
17	EPN EIPG EISN ISG	14 16 37.3 16 45.4 17 14.8 17 19.3	Z=CP N=CP Z=CP E=CP		279	TN HB 14 15 56 37.8N 7.6W ALENTEJO-PORTUGAL GRAU II
18	EP	01 54 39.4	Z=LP		9794	GR HB 01 41 51.7 2.2N 97.9W ILHAS GALAPAGOS
19	EP L	09 44 08.4 10 15.0	Z=LP		8667	GR HB 09 32 08.4 56.9N 151.3W ILHAS KODIAK
23	IP EPP ES ESS L M	14 56.34.0C 15 00.56.0 07.20.2 15.52.6 15 29.3 15 49	Z=LP Z=LP Z=LP Z=LP Z=LP Z=LP		11333	GR HB 14 42 38.5 22.2N 121.4E ILHA FORMOSA
24	EPN ISN	18 35 16.0 35 36.7	E=CP E=LP		167	REGISTADO PTB LIS FAR TOL

OTA FASE	HORA-TMO	COMP-APAR TIBI	DIST-KM	REFERENCIAS
05 EPRK9 EPP L M	04 21.26.9 28.11.0 08 20.0 08 29.0	Z-CPLP Z-LP Z-LP Z-LP	1.0	16980 NR HO 04 01 33.6 18.22 172.4N TLHA DE TONGA
04 EP	25 28 38.6	Z-CPLP		2688 NR HO 23 23 30.2 40.8N 53.2E ARCTIA
08 EP	05 06 22.0	Z-CPLP		6880 NR HO 09 46 27.6 49.8N 73.0E KAZAKHISTAN URSS EXPL SURT
08 EPN EEN	08 18 18 18 17	Z-CP Z-CP		690 TR HO 03 13 48.2 38.4N 1.4W RUL ESPANA
11 EP	03 04 46.4	Z-CPLP		8358 NR HO 09 25 04.0 22.5N 132.1W TLHAS CARLOTA
11 IP	15 27 48.3	Z-CPLP	1.0	8440 NR HO 12 14 20.8 9.8S 70.9W FRONT PERU-BRASIL
12 EIP 14P E8	13 37 22.4 38 11.2 48 12	Z-CPLP Z-LP Z-LP	1.1	9252 NR HO 13 22 20.3 27.4N 169.0W TLHAS FOX-ALEUTIAS
14 IP 188	10 19 24.20 20 03.2	Z-CP Z-CP		78 TR HO 20 19 41 40.8N 8.1W VOUTIL-PORTUGAL GRAU II
17 IPK9 I I EIPP E8	13 48 31.2C 48 37.9C 48 20.1C 49 21.4 14 09 00	Z-CPLP Z-LP Z-LP Z-LP Z-LP	0.7	16914 NR HO 13 26 16.3 14.7S 172.9W TLHAS SAMOA
17 EPN EIP9 EISN 188	14 16 37.3 16 48.4 17 14.8 17 19.3	Z-CP H-CP Z-CP E-CP		279 TR HO 14 18 26 37.8N 7.6W ALENTEJUS-PORTUGAL GRAU II
18 EP	01 24 39.4	Z-LP		2794 NR HO 01 41 21.7 2.2N 97.2W TLHAS GALAPAGOS
19 EP L	09 44 08.4 10 18.0	Z-LP		8667 NR HO 09 25 08.4 24.9N 181.3W TLHAS KHUTAK
23 IP EPP E8 E88 L M	14 24.34.0C 18 00.26.0 07.20.2 18.25.6 18 29.3 18 42	Z-LP Z-LP Z-LP Z-LP Z-LP Z-LP		11333 NR HO 14 43 28.2 22.5N 121.4E TLHA FORMOSA
24 EPN 18N	18 35 16.0 38 36.7	E-CP E-LP		167 REGISTRADO PTO LIR FAR TOL

DIA	FAZD	HORA-TMO	COMP-APAR	TIMO	DISTAN	REFERENCIAS
24	EPKTKP	20 05 30	Z=LP		17824	RS HB 19 45 35.3 20.7S 172.5E NOVAS HEBRIDAS
	EPP	10 14	Z=LP			
	EPPP	14 04	Z=LP			
	L	21 12	Z=LP			
26	EPN	21 31 39	Z=CP		481	RP HB 21 30 39 36.0N 7.1W
	ISN	32 40.3	E=CP			
27	EPKTKP	18 45 01.0	Z=LP		16882	RS HB 18 25 08.7 15.5S 173.1W TLHA DE TONGA
28	EP	21 06 43	Z=CP		920	RS HB 21 04 49.1 39.0N 2.2E
	ESN	03 08 24	E=CP		12997	TLHAS BALEARES
30	EPN	10 18 43.5	Z=CP		448	RS HB 10 17 41.3 44.1N 7.3 W
	ESN	00 19 27.3	Z=CP			ATLANTICO NORTE
	ISG	19 48.0	N=CP			
05	EPKP	04 32 11.0	Z=LP		16425	RS HB 04 12 44.2 3.5S 151.0E ILHAS NOVA ZELANDIA
	EPP	35 02.0	Z=LP			
	L	05 34	Z=LP			
08	EPKP	08 06 00.0	Z=LP		16556	RS HB 07 46 16.3 12.3S 166.0E ILHAS SANTA CRUZ
	EPP	09 42.0	Z=LP			
	LW	09 32	Z=LP			
09	EV	18 11 15.0	Z=CPLP	0.7	7760	RS HB 17 59 58.2 62.7N 125.3E EXP: RUSIA SIBERIA-URSS
10	IP	08 08 11.60	Z=CPLP	1.0	4908	RS HB 07 59 57.7 72.3N 84.8E EXP: RUSIA NOVA ZELANDIA URSS
	E	09 55.3	Z=CP			
10	EP	17 05 27.6	Z=LP		8492	RS HB 14 53 35.5 35.5S 16.8W CRISTA ATLANTICO SUL
	ET	05 48.0	Z=LP			
	LM	17 57.2	Z=LP			
11	EPN	02 35 03.3	Z=CP		164	RS HB 02 34 35 38.2N 8.9W
	ESB	35 22.2	N=CP			DESTAO LISBOA
	ESB	35 24.4	E=CP			
11	EPN	12 03 06.5	Z=LP		422	RS HB 12 02 05 32.8N 9.5W
	LSN	03 54.2	E=CP			
14	IPN	14 18 48.30	Z=CP		457	RS HB 14 17 49.6 32.2N 7.1W
	IPG	19 00.0	Z=CP			ALGARVE GRAU III-IV
	ISN	18 31.2	N=CP			ILHAS BRAU II
	ISG	19 55.3	Z=CP			
15	EP	12 57 17.3	Z=CP		18561	RS HB 12 37 13.4 30.4S 178.0N ILHAS KERNADOK
	LSN	14 19.6	Z=LP			
17	EPKTKP	09 11 54.4	Z=LP		17487	RS HB 04 51 53.6 20.5S 174.6W ILHAS DE TONGA

Line	Account	Debit	Credit	Balance
24	ERKXP 50 08 30		3=LP	
	EPP	10 14	3=LP	
	EPP	14 04	3=LP	
	L	51 15	3=LP	
25	EPH 51 31 32		3=CP	
	ISH	32 40.3	E=CP	
27	EKXP 18 42 01.0		3=LP	
28	EP 51 04 43		3=CP	
	ESH	08 54	E=CP	
29	EPH 10 18 43.2		3=CP	
	ESH	19 57.3	3=CP	
	ISH	19 48.0	H=CP	
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17854 NR NR 19 42 38.3 50.78 175.82
NOVAS HEBRIDAS

481 NR NR 21 30 32 34.0N 7.1N

16882 NR NR 18 22 08.7 18.88 173.1N
ALHA DE YONGA

950 NR NR 21 04 42.1 39.0N 2.5E
TLHAS PALAERES

442 NR NR 10 17 41.3 44.1N 7.3 W
ATLANTICO NORTE

DTA FABR	HORA-TMG	COMP-APAR	YR1 DIST-KM	REFERENCIAS
03 EP	06 18 24	3-LP		7993 no no 04 07 25.1 29.0N 97.0E MONGOLIA-URSS FRONTERA
14P	18 31.0	3-LP		
L	06 44.0	3-LP		
03 EIP	18 24 05.8C	3-CPLP	0.7	9814 no no 18 11 15.8 24.4 70.6N PROX COSTA NORTE CHILE
14P	24 24.0	3-LP		
19P	27 20.0	3-LP		
18	34 48.0	3-LP		
188	40 38.8	3-LP		
L	18 48.8	3-LP		
H	19 05.3	3-LP		
03 EPKPKP	23 44 48.0	3-LP		13997 no no 23 28 35.6 0.12 131.7E PACIFIC
EPP	44 30.0	3-LP		
EPP	49 10.0	3-LP		
LH	00 37.0	3-LP		
02 EPKPK	04 35 11.0	3-LP		18452 no no 04 15 44.2 3.28 131.0E YLFAR NOVA IRLANDA
EPP	38 03.0	3-LP		
L	08 34	3-LP		
04 EPKPK	08 04 00.0	3-LP		16856 no no 07 44 14.9 12.38 144.8E YLFAR BAHIA CRUZ
EPP	08 45.0	3-LP		
LH	09 19	3-LP		
09 EP	18 11 12.0	3-CPLP	0.7	7760 no no 17 29 28.2 63.7N 152.3E EXPI RUST SIBERIA-URSS
10 1P	08 08 11.6C	3-CPLP	1.0	4908 no no 07 29 27.7 73.3N 84.8E EXPI RUST NOVA ZEMBLA URSS
E	09 22.3	3-LP		
10 EP	17 08 27.6	3-LP		8492 no no 14 23 35.2 38.88 16.8N FRINTA ATLANTICO SUL
E1	06 48.0	3-LP		
LH	17 07.2	3-LP		
11 EPH	05 38 03.8	3-LP		164 no no 09 24 32 38.8N 8.3N REGIAR LISBIA
E88	38 25.2	H-CP		
E88	38 24.4	E-CP		
11 EPH	15 03 04.8	3-LP		452 no no 19 02 08 34.8N 9.2N
18N	03 24.2	E-CP		
14 1PN	14 18 48.2D	3-LP		487 no no 14 17 42.4 34.5N 7.1N ALGARVE GRAY 11-IV ISRAEL GRAY II
19P	19 00.0	3-LP		
18N	19 31.2	H-CP		
188	19 22.3	3-LP		
18 EP	12 27 17.3	3-LP		18621 no no 19 27 13.4 30.48 178.0N YLFAR KERMADCK
LH	14 18.4	3-LP		
17 EPKPK	09 21 44.4	3-LP		17487 no no 01 22.6 50.92 174.6N YLFAR DE TONGA

014	FABR	HORA-TM	COMP-APAR-TI(S)	DIST-EN	REFERENCIAS	
18	EPN	16 15 22	Z=CP	0.5	266	REGISTADO PT0 MTE
	ESN	15 52	Z=CP			NOVAS NEBRIDAS
18	EP	15 46 52.8	Z=LP		8239	HB 15 35 18.8 16.4N 91.4W
	E*P	10 47 14.0	Z=LP	1.1	15919	PROX COSTA GUATEMALA
	LM	16 12.2	Z=LP			TLHAS SALINAS
18	EP	19 04 05.8	Z=LP	1.0	8422	HB 18 52 28.0 59.9N 153.4W
	I	00 04 35.0	Z=LP		2493	SUL DE ALASKA
	ES	00 13 40.0	Z=LP			CAUCASO OCCIDENTAL
18	EP	20 53 21.7	Z=LP	0.5	2406	HB 20 53 21.7 42.0N 20.3E
	ES	14 52.6	Z=LP			ATLANTICO
21	EPN	22 16 39	Z=CP		544	REGISTADO PT0 MTE
	ESN	07 17 37	Z=CP	0.7	9772	HB 07 21 24.6 28.8N 124.1E
21	EP	12 18 21	Z=LP		10566	HB 22 05 02.5 47.7S 32.5E
	IPP	0 22 20.0	Z=LP		11082	TLHAS PRINCIPE EDUARDO
	ES	31 00	Z=LP			FORMOSA
	LM	12 55.0	Z=LP			
23	IP	00 50 00.0	Z=LP		8215	HB 00 38 30.8 10.0N 85.2W
	IPP	52 40.3	Z=LP			COSTA RICA
	IS	01 00 10.0	Z=LP		17599	HB 04 01 52.1 20.3S 168.9E
	LM	01 16.0	Z=LP			TLHAS LEALDADE
27	ESG	07 32 00.0	Z=CP	1.2	16187	REGISTADO PT0 13.8S 167.1E
	I	27 49.2	Z=LP			NOVAS NEBRIDAS
	IPP	11 31 42.0	Z=LP			
29	EP	02 47 12	Z=CP		6547	HB 02 37 06.3 50.1N 79.2E
	EP	23 35 52.7	Z=CPLP	1.2	8313	HB 23 24 15.7 14.0N 81.0W
31	IP	14 12 03.0C	Z=CP	0.7	8000	HB 14 00 00.0 37.3N 116.4W
	EP	07 54 40	Z=CPLP		11187	HB 07 40 52.5 24.9N 124.8E
	LM	08 43	Z=LP			TLHAS RYKYU
10	IP	11 52 23.4C	Z=CPLP	1.3	9924	HB 11 39 25.1 94.2N 154.5E
	IP	15 45 05.4C	Z=CPLP		5708	HB 15 35 56.0 33.2N 57.4E
	I*P	45 17.0	Z=CPLP			TRAN
	IPP	47 03.3	Z=CPLP			MORTES 11000 A 15000
	IS	52 09.7	Z=LP			BRANDES DESTRUICHES
	LM	16 00	Z=LP			
18	ES	18 12 57.4	Z=LP		750	HB 18 14 34.5 43.3N 0.3W
19	EP	00 18 19.2	Z=CPLP		14894	HB 02 55 29.0 63.0S 157.3W
	EPN	01 57 43.1	Z=CP		485	HB 01 56 37.7 34.0N 6.8W
	ESN	58 23.8	N=CP			

Line	Code	Description	Rate	Unit	Value	Code	Code
18	EPN	REGISTRADO PTO MTE	16 12 55	3=CP			
	ESN		18 55	3=CP			
19	EP	NR HO FR 35 18.8 14.4N 91.4W	12 45 55.8	3=LP			
	EXP	PROX COSTA GUATEMALA	17 14.0	3=LP			
	LH		16 19.5	3=LP			
20	EP	NR HO FR 55 58.0 89.9W 183.4W	19 04 08.8	3=LP	1.0		
	I	RUL DE ALASKA	04 35.0	3=LP			
	ES		13 40.0	3=LP			
21	EP	NR HO PO 53 51.7 49.0N 50.3E	50 53 51.7	3=LP			
		ATLANTICO					
		REGISTRADO PTO MTE					
22	EPN		55 14 39	3=CP			
	ESN		17 37	3=CP			
23	EP	NR HO 27 05 05.2 47.7E 35.2E	15 18 51	3=LP			
	1PP	TLIAS PRINCIPLE EDUARDO	55 50.0	3=LP			
	ES		31 00	3=LP			
	LH		15 55.0	3=LP			
24	EP	NR HO NO 55 30.8 10.0N 85.5W	00 50 00.0	3=LP			
	1PP	COSTA RICA	55 40.3	3=LP			
	IS		01 00 10.0	3=LP			
	LH		01 15.0	3=LP			
25	EBB	REGISTRADO PTO	07 35 00.0	3=CP			
26	EP	NR HO UR 37 06.3 80.1N 79.5E	05 47 15	3=CP			
		EXPI SUBT KAZAGUSTIO URSS					
27	EP	NR HO 14 00 00.0 37.3N 116.4W	14 15 03.0C	3=CP	0.7		
		EXPI SUBT SUL NEVADA USA					

DIA	FASF	HORA-TMG	COMP-APAR	T(S)	DIST-KM	REFERENCIAS
01	EPKP EPP LM	04 36 36.0 40 48 05 50.0	Z=CPLP Z=LP Z=LP	0.5	16780	GR HB 04 16 42.8 17.5S 167.9E NOVAS HEBRIDAS
01	EPKP I LM	10 15 37.3 15 46.0C 11 16.5	Z=CPLP Z=LP Z=LP	1.1	15919	GR HB 09 56 01.8 7.6S 156.6E ILHAS SALOMÃO
03	I LM	00 28 12.8 00 44.5	Z=LP Z=LP		2423	GR HB 00 21 11.8 44.6N 37.8E CAUCASO OCIDENTAL
03	EP ES L	05 12 03.6 14 53.6 05 17.5	Z=CPLP Z=LP Z=LP	0.5	1642	GR HB 05 08 30.7 48.3N 9.1E ALEMANHA GRAU VII FERTILIZANTES E ESTRAGOS
03	EP	07 44 09.0	Z=CPLP	0.7	9779	GR HB 07 31 24.6 99.6N 154.1E ILHAS KURILHAS
05	LM	04 47.8	Z=LP		11082	GR HB 03 42 32.1 24.8N 121.8E FORMOSA
05	EPG ISG	15 15 33 15 42.0	Z=CP Z=CP		77	REGISTADO PT0 MTE
06	EPKP LM	04 21 51.3 05 39.4	Z=LP Z=LP		17599	GR HB 04 01 52.1 20.3S 168.9E ILHAS LEALDADE
06	IPKP I IPP LM	11 26 58.5D 27 49.2 11 31 42.0 12 33.4	Z=CPLP Z=LP Z=LP Z=LP	1.3	16187	GR HB 11 07 93.9 13.2S 167.1E NOVAS HEBRIDAS
10	EP LM	23 35 52.7 24 03	Z=CPLP Z=LP	1.2	8313	GR HB 23 24 15.7 14.3N 91.5W GUATEMALA
11	EP LM	07 54 40 08 43	Z=CPLP Z=LP		11187	GR HB 07 40 52.5 24.9N 124.8E ILHAS RYKYU
15	IP	11 52 23.6C	Z=CPLP	1.3	9924	GR HB 11 39 25.1 98.2N 154.5 ILHAS KURILHAS
16	IP I*P IPP IS LM	15 45 05.8C 45 17.0 47 03.3 52 09.7 16 00	Z=CPLP Z=CPLP Z=CPLP Z=LP Z=LP		5709	GR HB 15 35 56.0 33.2N 57.4E TRAP MORTES 11000 A 15000 GRANDES DESTRUICOES
18	ES	18 17 57.6	Z=LP		750	GR HB 18 14 34.5 43.3N 0.3W
19	EP	00 18 19.2	Z=CPLP		16594	GR HB 23 58 29.0 63.0S 157.3W PACIFICO SUL
23	EPN ESN	01 57 43.1 58 33.8	Z=CP N=CP		485	GR HB 01 56 37.7 36.0N 6.8W

DATA FABR	HORA-TMO	COMP-APAR TIBI	DIST-KM	REFERENCIAS
01 ERKP EPP LM	04 36 35+0 40 48 08 20+0	2-CPLP 2-LP 2-LP	0.8 16780	no HB 04 16 45+8 17.58 167.92 NOVAS HEBRIDAS
01 ERKP I LM	10 18 37+3 18 46+0C 11 16+5	2-CPLP 2-LP 2-LP	1.1 18919	no HB 08 01+8 7.68 186+62 TLHAS SALOMAS
03 I LM	00 28 15+8 00 44+8	2-LP 2-LP	2+53	no HB 00 21 21+8 44+8N 37+8E CAUCARAS OCCIDENTAL
03 EP ES I	08 19 03+6 14 53+6 08 17+8	2-CPLP 2-LP 2-LP	0.8 16+5	no HB 08 08 30+7 44+8N 37+8E ALEMANHA GRAU VII PERTONGS E ESTRANGS
03 EP	07 44 09+0	2-CPLP	0.7 2779	no HB 07 31 24+6 30+6N 184+1E TLHAS KURILHAS
08 LM	04 47+8	2-LP	11085	no HB 04 45 32+1 24+8N 121+8E RORHMAS
08 EP8 I I	12 18 33 12 45+0	2-CP 2-CP	77	REGISTRADO PTO HTF
04 ERKP LM	04 21 51+3 02 39+4	2-LP 2-LP	17899	no HB 04 01 52+1 50+38 168+9E TLHAS LEALDADA
08 ERKP I I I LM	17 24 58+8D 27 49+5 11 31 45+0 15 38+4	2-CPLP 2-LP 2-LP 2-LP	1.3 24187	no HB 11 07 33+9 13+28 167+1E NOVAS HEBRIDAS
10 EP LM	23 38 25+7 24 03	2-CPLP 2-LP	1.5 8313	no HB 23 24 18+7 14+3N 31+8N GUATEMALA
11 EP LM	07 24 40 08 43	2-CPLP 2-LP	11187	no HB 07 40 25+8 24+8N 124+8E TLHAS RYKYU
12 IP	11 25 23+6C	2-CPLP	1.3 9824	no HB 11 33 25+1 34+2N 124+8 TLHAS KURILHAS
12 IP I I I LM	12 48 05+8C 48 17+0 47 03+3 25 09+7 16 00	2-CPLP 2-CPLP 2-CPLP 2-LP 2-LP	2709	no HB 12 32 26+0 33+5N 27+4E IRAN MORTES 11000 A 18000 BRANDES DESTRUIGRES
18 EB	18 17 27+6	2-LP	750	no HB 18 14 34+5 43+3N 0+34
19 EP	00 18 19+5	2-CPLP	16894	no HB 28 28 29+0 29+08 127+3N PACIFIC8 BUL
23 EPH ESN	01 27 43+1 28 33+8	2-CP N-CP	482	no HB 01 26 37+7 34+0N 6+8N

DIA	PASE	HORA-TMO	COND-APAR	TISI	DIST-KM	REFERENCIAS
23	ESN	04 54 21.0	E-CP LP	1.0	651	TS HB 04 51 32.8 43.8N 2.1W ROMENIA GRAU VI
23	EP ISN	05 25 29.7 28 53.6	Z-CPLP ZNE-CP	0.3	9330	RS HB 05 13 00.0 54.6N 161.6E PROX COSTA KAMCHATKA
23	EPKP I I	16 51 39.9 51 49.6 52 02.5	Z-CPLP Z-CPLP Z-CPLP	1.6	16877	RS HB 16 32 11.1 13.9S 167.2E NOVAS HEBRIDAS GRAU IV
18	IPP	21 55 38.1 08 51.8	Z-LP ZE-CP		213	TS HB 21 01 56 42.0N 7.8W MIRTE VILA REAL PORTUGAL
27	EP ISS	17 32 03.0 17 26 01.3	Z-CPLP W-CP	1.5	8599	RS HB 17 20 00.0 37.1N 116.0W SUL DE NEVADA EXPL SUBTER JIBRILLA ESPANHA
17	IP	05 07 40.10	Z-CPLP	0.6	4434	RS HB 04 59 57.9 37.2N 48.2E EXPL SUBSTRANEA URSS
17	EPN ESN	07 17 55 19 06.3	Z-CP Z-CP		612	RS HB 07 16 19.1 38.2N 1.8W
17	IP	14 08 33.20	Z-CPLP	0.7	5146	RS HB 13 59 59.3 43.2N 53.2E EXPL SUBTER URSS
28	EPN ISN	00 31 21.3 38 41.7 38 45.3	Z-CP Z-CP Z-CP			REGISTADO PYD RTE
30	EP LN	18 24 19 19 12.8	Z-CP Z-LP		8238	RS HB 18 23 36.1 13.8N 20.9W PROX COSTA GUATEMALA

52 EBN	04 24 21.0	E-CR	481	10 MO 04 21 25.8 +3.8H	2.1M
53 EP	08 22 22.7	3-CPLP	2330	PRGX COSTA KAMCHATKA AR MO 02 13 00.0 24.8H 121.6E	
53 EPK	16 21 22.8	3-CPLP	16277	1.8	
1	21 23.8	3-CPLP		AR MO 12 25 11.1 12.22 127.2E	
1	22 02.8	3-CPLP		MOVAE HEBRIDAS BRAU IV	
1PP	22 28.1	3-LP			
57 EP	17 22 03.0	3-CPLP	2222	1.8	
				AR MO 17 20 00.0 27.1H 116.0W	
				ENL OF NEVADA EXPL SUBTER	

DIA	FASE	HORA-TMG	COMP-APAR	T(S)	DIST-KM	REFERENCIAS
02	EP	20 34 10.6	Z=CPLP	1.0	2860	RR HB 20 28 51.1 45.7N 26.6E ROMENIA GRAU VI
08	IPN ISN	11 27 53.0 28 53.6	Z=CP ZNE=CP	0.3	550	RR HB 11 26 34.5 37.2N 14.1W ATLANTICO SW PORTUGAL
12	EIPN ISN	19 56 25.6 56 47.6	Z=CP ZNE=CP	0.2	158	TS HB 19 55 59.6 41.5N 7.8W VILA REAL PORTUGAL
12	EPN	21 02 58.8 03 51.5	Z=CP ZE=CP	1.3	213	TN HB 21 01 56 42.0N 7.8W NORTE VILA REAL PORTUGAL
15	ESG	17 26 01.3	N=CP		673	TS HB 17 22 47.7 37.8N 1.2W IBRILLA ESPANHA
17	IP	05 07 40.1C	Z=CPLP	0.6	4454	RR HB 04 59 57.9 97.9N 48.2E FXPIA SUBTRRANEA URSS
17	EPN ESN	07 17 55 19 06.3	Z=CP Z=CP		612	TS HB 07 16 19.2 38.2N 1.8W
17	IP	14 08 33.2C	Z=CPLP	0.7	5146	RR HB 13 59 59.3 63.2N 63.2E FXPI SUBTER URATS URSS
29	EPN ISN	00 31 21.3 35 41.7 35 45.3	Z=CP Z=CP Z=CP			REGISTADO PTO MTE
30	EP LM	18 35 15 19 12.8	Z=CP Z=LP		8298	RR HB 18 23 36.1 13.8N 90.9W PROX COSTA GUATEMALA
07	EPKp	17 53 50	Z=CPLP	1.8	16440	RR HB 17 34 00.8 10.8N 162.1E ILHAS BALHAU
08	IP	01 07 52.9C	Z=CPLP	0.8	6584	RR HB 00 57 28.4 39.4N 72.8E KIRATZ-URSS
13	ERG	16 59 27.6	N=CP			REGISTADO PTO MTE
16	EP L	22 04 21.6 22 10.6	Z=CPLP Z=LP	0.7	1723	RR HB 22 02 36.7 40.0N 29.8W ACORDES-PORTUGAL
18	ESG	11 02 38.1	N=CP		613	TS HB 10 59 40.6 34.4N 3.1E ILBRAN-ESPANHA
19	EPa ESN ESB	03 32 50.6 33 23.6 33 34.0	Z=CP N=CP N=CP		302	TS HB 03 32 03.1 37.5N 8.0W ALMADRYAN-PORTUGAL
19	EPKp	16 48 02	Z=CPLP		15810	RR HB 16 48 39.9 7.25 154.9E ILHAS BALHAU

DIA TABR	HORA-TMG	COMP-APAR T(1) DIST-KM	REFERENCIAL
09 EP	20 34 10.6	2=CPJP 1.0	2880 de HB 20 28 21.1 42.7N 56.6E ROMENIA GRAM VI
08 EPN	11 27 23.0	2=CP	de HB 11 26 24.5 37.2N 14.1E ATLANTICO SW PORTUGAL
10 EPN	19 24 25.6	2=CP 2=CP	de HB 19 25 25.4 47.2N VILA REAL PORTUGAL
12 EPN	21 02 28.8	2=CP 2=CP	de HB 21 01 26 49.0N 7.2E NORTE VILA REAL PORTUGAL
15 EPB	17 24 01.3	W=CP	de HB 17 25 47.7 37.8N 1.2E BRASILIA ESPANHA
17 EP	02 07 40.1C	2=CPJP 0.6	de HB 04 25 27.9 27.2N 48.2E EXPI SUBTRANEIA URSS
17 EPN	07 17 28	2=CP 2=CP	de HB 07 16 19.5 38.2N 1.8E
17 EP	14 08 33.5C	2=CPJP 0.7	de HB 13 29 29.3 29.2N 43.2E EXPI SURTER URATS URSS
29 EPN	00 31 51.3	2=CP 2=CP 2=CP	REGISTRADO PTO MTE
30 EP	18 38 18	2=CP 2=CP	de HB 18 23 26.1 13.8N 30.9E PROX COSTA GUATEMALA

DIA FASE	HORA-TMG	COMP-APAR T(R) DIST-KM	REFERENCIAS
01 1P	18 08 33+30	1=CPLP 0.5	6888 no NO 19 08 28 +8 30+4N 25+7E KIRINTAS-URSS
1P	20 00 +8+0	1=L	GENTINO GRAYUS V-VI
18	07 10+0	1=L	
L	20 14+0	1=L	
M	20 24+0	1=L	
04 1P	18 30 22+0C	1=CPLP 1.1	4822 no NO 18 22 20+8 27+8N 48+8E NORRSTE DE IRAN
1P	27 02+4	1=L	
12	27 24+0	1=L	
M	18 20+8	1=L	
04 EPKP	22 +8 18+0	1=CPLP 1.3	14+88 no NO 22 22 23+7 11+32 142+2E TLHAS BALMAD
EP	28 +2+8	1=L	
EB	23 12 07+0	1=L	
04 EPKP	23 11 +5	1=CPLP 1.3	14+77 no NO 22 21 22+7 11+22 142+2E TLHAS BALMAD
L	23 24	1=L	
M	23 30	1=L	
08 EP	04 14 20+8	1=CPLP 1.8	14+82 no NO 03 27 02+0 11+02 142+3E TLHAS BALMAD
08 EP	04 17 22	1=CPLP	4222 no NO 04 22 +1+8 2+3N 28+8N PRITA CENTRAL ATLANTIC
08 EPKP	22 21 21+2D	1=CPLP 0.7	14+88 no NO 22 02 08+2 11+02 142+1E TLHAS BALMAD
1P	27 14+0	1=L	
18K	29 14+8	1=L	
L	23 24	1=L	
07 EP	17 18 22+0	1=CPLP	2842 no NO 17 02 22+2 11+2N 42+4E ETINPTA
L	17 24+8	1=L	
07 EPKP	17 22 20	1=CPLP 1.8	14+90 no NO 17 24 00+8 10+22 142+1E TLHAS BALMAD
08 1P	01 07 22+2C	1=CPLP 0.8	4884 no NO 07 22 +4 29+4N 72+2E KIRINTAS-URSS
13 EB	16 22 27+8	N-CR	REGISTRADO PTO MEX
14 EP	22 04 21+8	1=CPLP 0.7	1722 no NO 22 02 21+7 10+0N 22+8N ACORR-PORTUGAL
L	22 10+8	1=L	
18 EB	11 02 28+1	N-CR	613 no NO 10 22 +0+8 24+8N 2+1N ALORRA-ESPANA
19 EP+	03 22 20+8	1=C	382 no NO 22 03 +1 27+8N 8+0N ALMORVAR-PORTUGAL
EB	22 23+8	N-CR	
EB	22 24+0	N-CR	
19 EPKP	16 +8 02	1=CPLP	1810 no NO 16 22 22+2 7+22 181+2E TLHAS BALMAD

DATA FASE	HORA-TMO	COMP-APAR	TISI	DIST-KM	REFERENCIAS
22 ES*	16 28 18.0	ZE-CP		576	GR HB 16 25 35.5 37.2N 3.0W GRANADA=ESPAÑA
26 EP LM	07 56 25 08 35.2	Z=CPLP Z=LP		8974	GR HB 07 44 01.6 27.7N 111.6W GOLFOS CALIFORNIA
26 EP* ESN	19 07 10.7 07 26.0	Z=CP N=CP		126	TN HB 19 06 47 39.1N 8.5W EXTREMADURA=PORTUGAL
28 EPKTKP	00 10 09.9	Z=CPLP	0.7	16442	GR HB 23 50 21.4 10.8S 162.1E TLHAS SALOMAS
29 IP IPP IS ISS L M	20 04 49.5D 07 45.0 14 40.2 20 10.0 20 29.0 20 33.0	Z=CPLP Z=LP Z=LP Z=LP Z=LP Z=LP	0.9	8609	GR HB 19 52 53.2 16.1N 96.5W MXACA=MEXICO VITIMAS 8 MORTOS MUITOS FERTIDOS E ESTRAGOS FORTES
29 IP	21 01 50.0D	Z=CPLP	1.3	8603	GR HB 20 49 52.9 16.2N 96.5W MXACA=MEXICO
30 EP	10 20 10	Z=LP		10462	GR HB 10 15 53.1 54.56-55 2.1E
31 EP	04 13 21	Z=CPLP		8887	GR HB 04 03 55.7 11.5N 43.1E ETIOPIA
32 EP LAPa LM	11 36 41.0 10 33.0 12 24.1	Z=CPLP		11174	GR HB 11 23 14.1 23.2N 122.1E FORMOSA VITIMAS 5016 MORTOS FERIDO
33 EP L	00 10 47.0 11 08.2	Z=CPLP Z=LP Z=LP	1.4	8838	GR HB 03 27 59.5 10.2N 104.0W PROX COSTA MEXICO
37 IP	17 48 43.0D	Z=CPLP	0.4	1282	GR HB 17 44 11.3 41.0N 13.8E SUL DE ITALIA
38 IPN 18N 18B 190	21 32 03.6D 20 50.0 22 18.7 23 25.0	Z=CP N=CP N=CP		490	TN HB 21 21 00.5 37.2N 3.0W MANHA REAL=ESPAÑA

ANALISADO E COMPILADO POR:

GRACIELA F. VIGAL
OBSERVADOR GRACIELA M. LEITAO

22	EP*	16	28	18.0	2E-CP	876	AR NO 14 28 28.5 27.2N	GRANADA-ESPANA	3.0M
24	EP	07	24	28	2-CPLP	8774	AR NO 07 24 01.6 27.7N	GOLFS CALIFORNIA	11.0M
	LM	08	25.5		2-LP				
24	EP*	12	07	10.7	2-CP	126	IN NO 12 07 10.7 29.1N	EXTREMADURA-PORTUGAL	8.5M
	EN	07	26.0		2-CP				
28	EPKTP	00	10	02.3	2-CPLP	0.7	AR NO 03 00 21.4 10.8S	ILHAS SALOMAS	142.1E
29	IP	20	04	29.20	2-CPLP	0.3	AR NO 19 20 23.2 14.1N	MEXICO-MEXICO	26.5M
	IP	07	28.0		2-LP				
	IS	14	40.5		2-LP				
	IS	20	10.0		2-LP				
	L	20	28.0		2-LP				
	M	20	33.0		2-LP				
29	IP	21	01	20.00	2-CPLP	1.3	AR NO 20 21 22.9 14.2N	MEXICO-MEXICO	26.5M

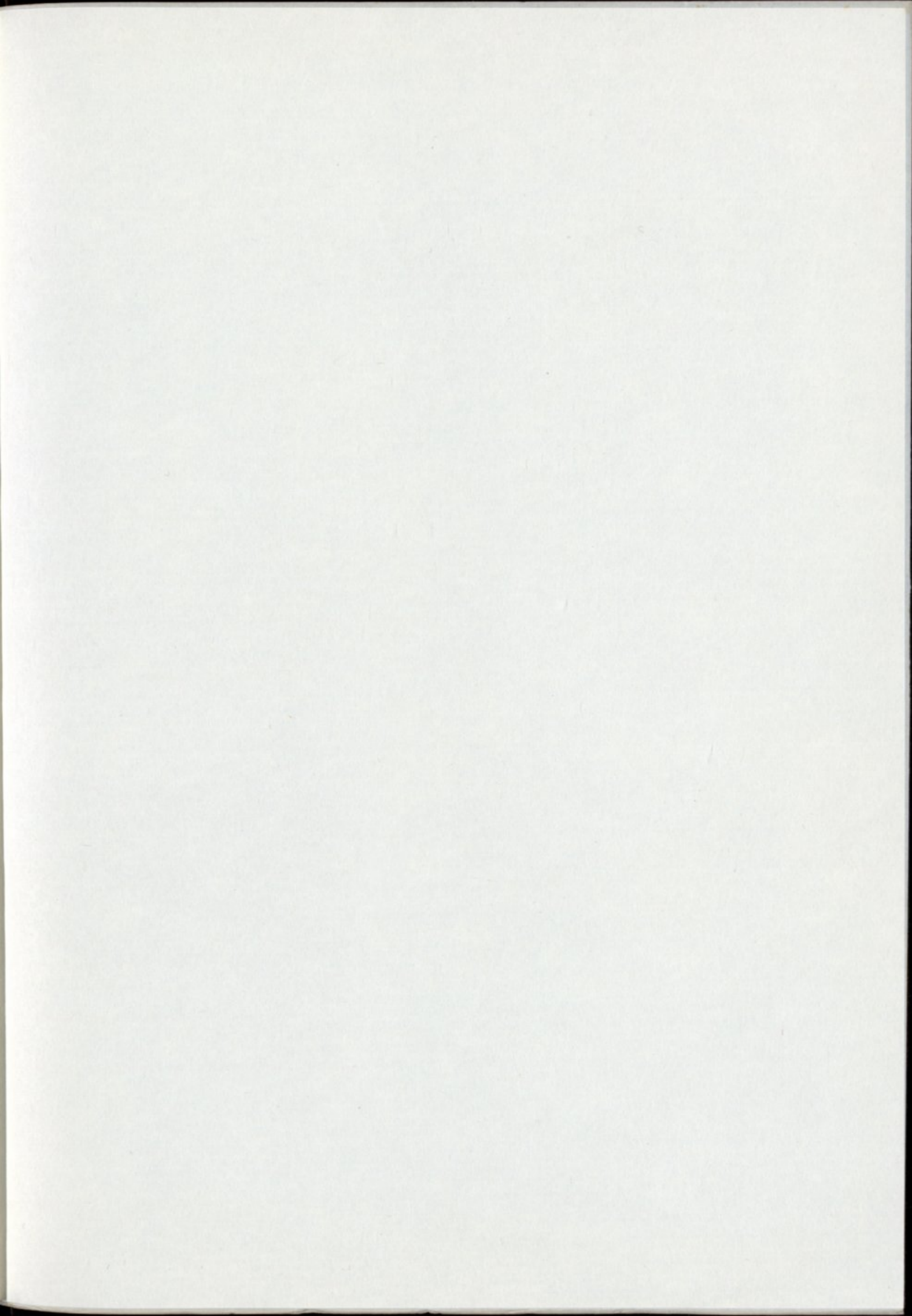
DIA	FASF	HORA-TMG	COMP-APAR	T(S)	DIST-KM	REFERENCIAS
01	IPKTKP	15 54 49.00	Z=CPLP	1.6	16348	GR HB 15.35 20.9 10.2S 161.4E TLHAS SALOMAS
06	EIP L	12 05 14.2 12 37	Z=CPLP	1.7	8252	GR HB 11 53 35.0 13.0N 89.7W SAB SALVADOR
06	EP	13 37 00.0	Z=CPLP		5050	GR HB 13 28 39.5 17.3N 54.7W ATLANTICO NORTE
06	IP I I*P IPP IS IPS ISS L	14 15 05.2C 15 10.0 15 27.3 18 50.0 25 46.8 27 46.4 32 00.0 14 35.0	Z=CPLP Z=CPLP Z=LP Z=LP Z=LP Z=LP Z=LP	0.4	10142	GR HB 14 02 02.6 44.6N 146.4E TLHAS KURILHAS FSTRAGOS
18	IP L	08 07 40.3C 11 05	Z=CPLP Z=LP	0.9	4464	GR HB 07 59 57.6 47.8N 48.3E KAZAQUISTA=URSS EXPL SUBT TLHA ROUVET
18	EP	10 29 10	Z=LP		10462	GR HB 10 15 53.1 54.56.5S 2.1E
21	EP	04 13 21	Z=CPLP		5887	GR HB 04 03 55.7 11.5N 43.1E FTIRPIA
23	EP I*PP LM	11 36 41.0 40 33.0 12 24.1	Z=CPLP		11174	GR HB 11 23 14.1 23.3N 122.1E FORMOSA VITIMAS DOIS MORTOS FERIDO
25	EP I	00 10 47.0 11 08.2	Z=CPLP Z=LP Z=LP	1.6	9635	GR HB 23 57 59.5 10.2N 104.0W PROX COSTA MEXICO
27	IP	17 49 43.00	Z=CPLP	0.4	1852	GR HB 17 46 11.3 41.0N 13.8E SUL DE ITALIA
28	IPN ISN ISB ISG	21 32 03.6D 32 50.0 33 15.7 33 25.0	Z=CP NE=CP N=CP N=CP		490	TS HB 21 31 00.5 37.8N 3.5W MANCHA REAL=ESPAHA

ANALISADO E COMPILADO POR:

GERFYSICH F. VIDAL
OBSERVADOR GERFYSICH M. LEITAO

DTA FABR	HORA-YING	COMP=APAR (18) DIST=KH	REFERENCIAS
01 IPKXP	18 24 43:00	2-CPLP 1.8	18348 NR NO 18 28 20.9 10.28 161.4E TLAR GALMAN
06 EIP	15 08 14:5	2-CPLP 1.7	8585 NR NO 11 28 28.0 13.0N 89.7W RAB SALVADOR
06 EP	13 27 00:0	2-CPLP	8080 NR NO 13 28 28.8 17.3N 84.7W ATLANTIC NORTE
08 IP	14 18 02:50	2-CPLP 0.4	10145 NR NO 14 02 02.6 44.8N 166.4E TIMAR KURILHAS PSTRANGE
18 IP	08 07 40:30	2-CPLP 0.9	4484 NR NO 07 28 27.6 47.8N 48.3E KAZACHISTAN-IRSS EXPL BUST TLA ROUVEY
18 EP	10 29 10	2-LP	10665 NR NO 10 28 28.1 84.86.88 2.1E
21 EP	04 13 21	2-CPLP	8887 NR NO 04 03 22.7 11.2N 43.1E PTIRTA
23 EP	11 36 41:0	2-CPLP	11174 NR NO 11 23 14.1 52.3N 155.1E PORNHA VITIMAS DOIS HORAS PERIDO
28 EP	00 10 47:0	2-CPLP 1.6	8638 NR NO 23 27 29.8 10.5N 104.0W PROX COSTA MEXICP
27 IP	17 42 43:00	2-CPLP 0.4	1885 NR NO 17 46 11.3 41.0N 13.8E RUL DE ITALIA
28 IPN	21 35 03:40	2-CP	490 NR NO 21 31 00.2 27.8N 3.2W MANCHA REAL-ESPANHA
18N	36 20:0	NE-CP	
188	33 12:7	N-CP	
186	33 22:0	N-CP	

ANALISADO E COMPILADO POR:
 GERENTE DA VIGILANCIA
 SUPERVISOR GERENTE M. LEITAO



MEMORANDUM FOR THE RECORD

DATE: 10/10/2000

TO: [Name]

FROM: [Name]

SUBJECT: [Subject]

1. [Text]

2. [Text]

3. [Text]

4. [Text]

5. [Text]

6. [Text]

7. [Text]

8. [Text]

9. [Text]

10. [Text]

11. [Text]

12. [Text]

13. [Text]

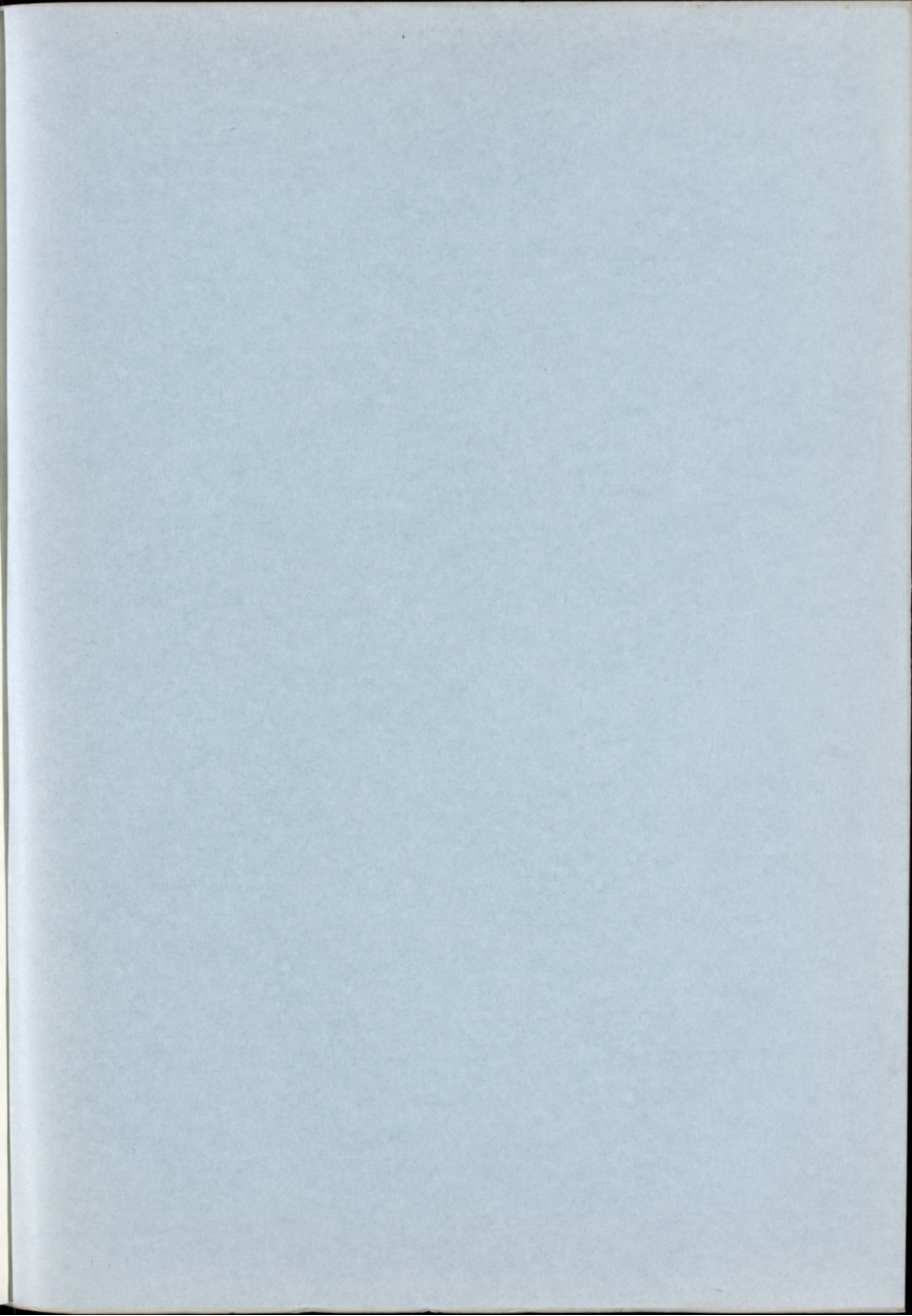
14. [Text]

15. [Text]

16. [Text]

17. [Text]

18. [Text]



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16 JUL. 1987
COIMBRA