

PRELIMINARY REPORT AND INDEX
OF
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA
IGUANA EXPEDITION
R/V E. B. SCRIPPS

- Leg 1 San Diego - Acapulco (1 April 1972 to 7 April 1972)
- Leg 2 Acapulco - Guayaquil (9 April 1972 to 17 April 1972)
- Leg 3 Guayaquil - Punta Arenas (21 April 1972 to 30 April 1972)
- Leg 4 Punta Arenas - Acapulco (2 May 1972 to 11 May 1972)
- Leg 5 Acapulco - San Diego (15 May 1972 to 22 May 1972)

Chief Scientist - G. G. Shor

Airgun Tech. - M. Barth

Resident Marine Tech. - W. E. Keith

Data Processed by - W. Keith, U. Albright, S. Smith, M. Henry

 O. McConnell, I. Bustillos, J. Anfossi

Geological Data Center

T. E. Chase - Curator

S. M. Smith - Data Processing Coordinator

Scripps Institution of Oceanography

La Jolla, California

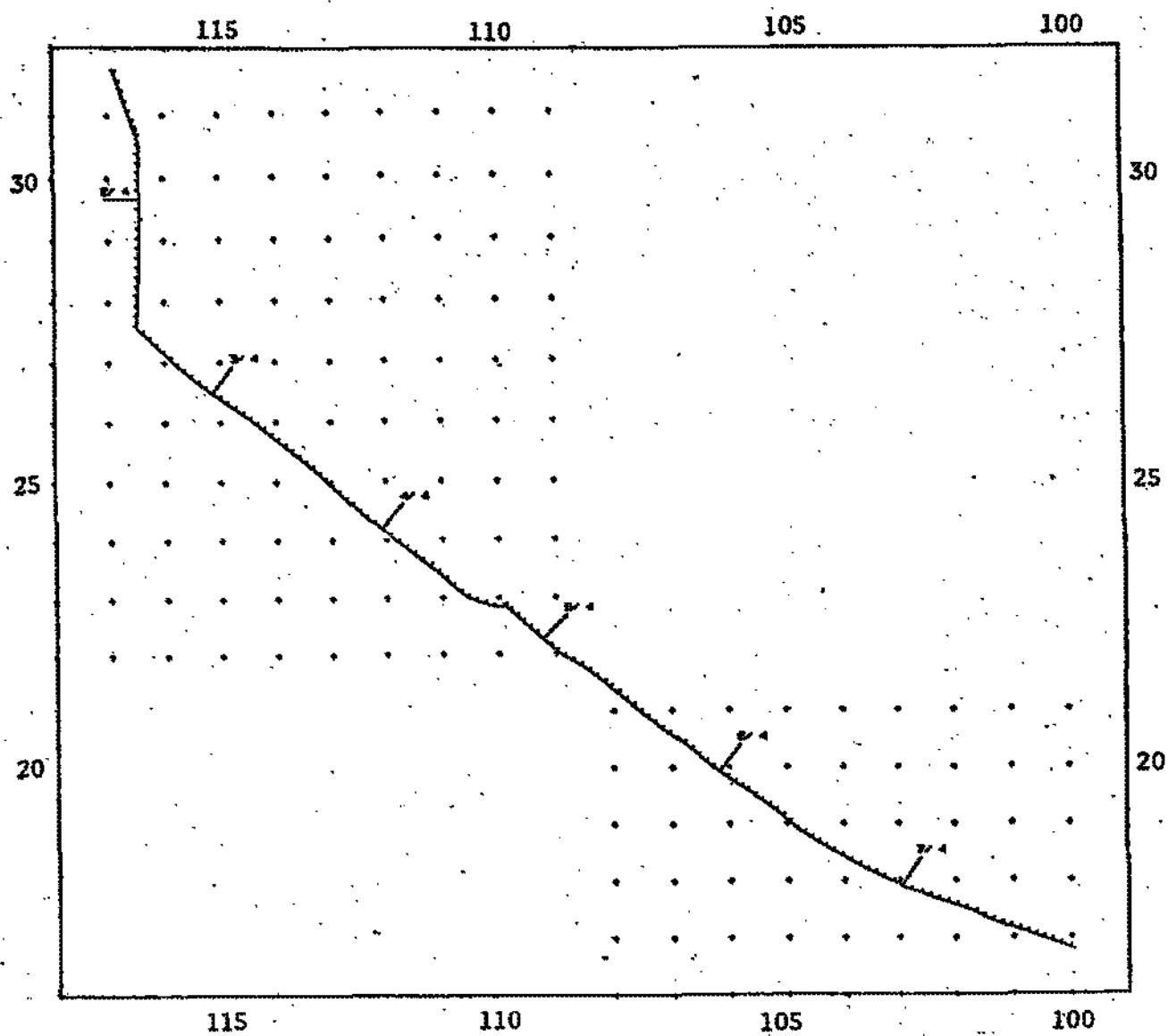
Preliminary Report and Index of Navigation, Depth, Magnetic and Subbottom Profiler Data

Contents:

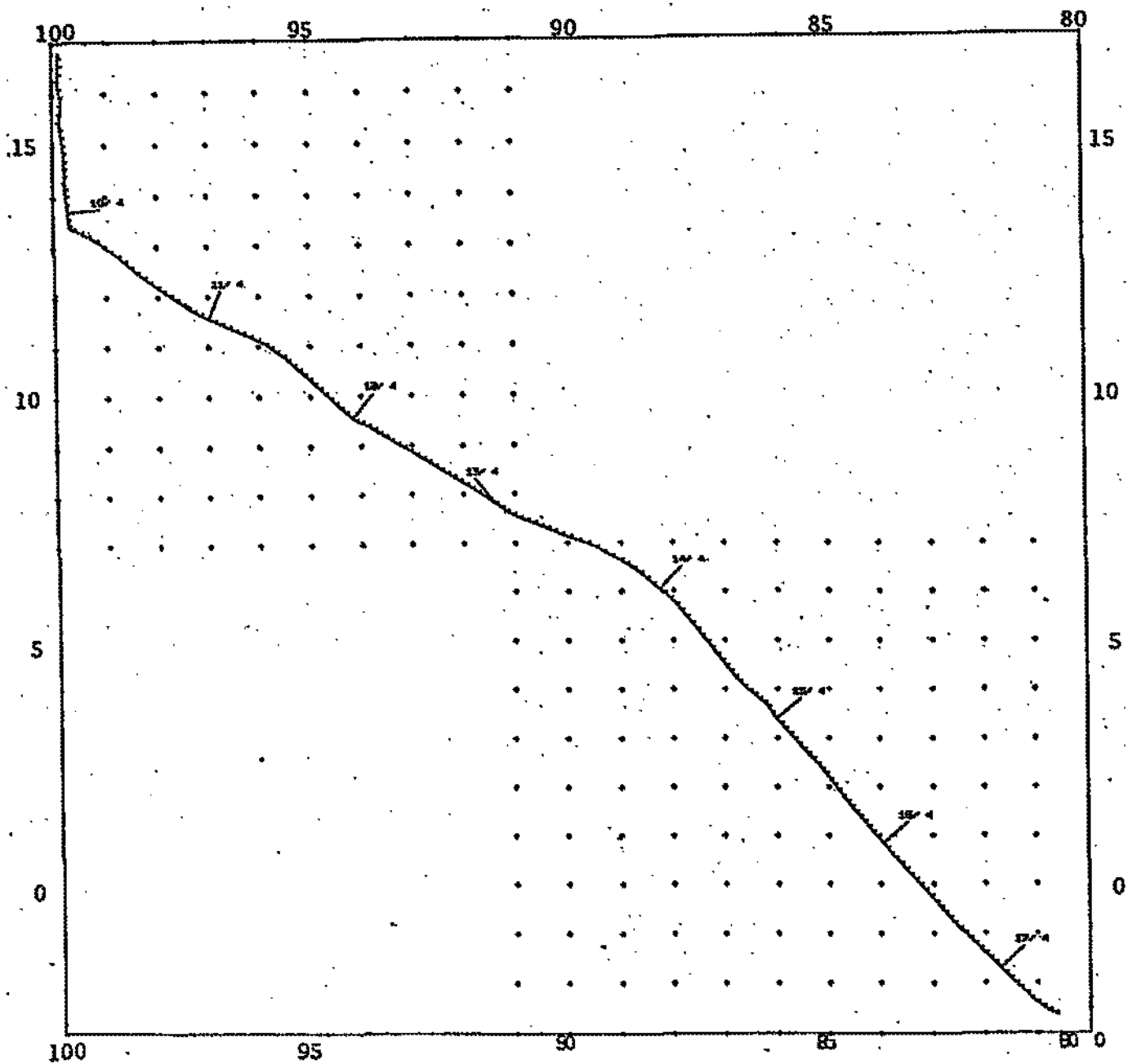
- Index Chart** - gives track of cruise leg and boundaries of depth compilation plots (see below).
- Track Charts** - annotated with dates (day/month) and hour ticks. The scale (.3"/deg. long) is the same as the index charts of previous SIO cruises published as Report IMR TR-25.
- Profiles** - Depth and magnetic anomaly vs. distance. Dates (day/month) and positions of major course changes (greater than 30 degrees) are annotated. Sections of track having subbottom profiler (airgun) records have a solid black line along the bottom of the profile.

For information on the availability and reproduction costs of data in the following forms, contact T.E. Chase, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92037 (714-453-2000, ext. 1534):

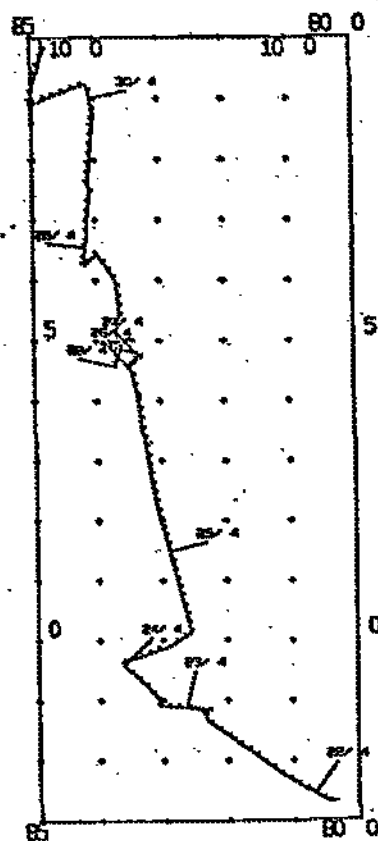
1. Navigation listing of times and positions of course and speed changes, fixes and drift velocity.
2. Depth compilation plots - in fathoms (assumed sound velocity of 800 fm./sec.) at approximately 1 mile spacing, plotted at 4"/degree with standard U.S. Navy Oceanographic Office BC series boundaries (see index chart).
3. Plots of magnetic anomaly profiles along track-map scale = 1.2"/degree; anomaly scale between 15°N and 15°S latitude = 500 gamma/inch; anomaly scale north of 15°N and south of 15°S = 1000 gamma/inch from values retrieved at approximately 1 mile spacing and regional field removed using the 1965 IGRF.
4. Card Decks of navigation, depth and magnetics (for specific formats, contact S.M. Smith, Geological Data Center).
5. S.I.O. Sample Index - list of beginning and end times and positions of all underway records as well as all other samples (geology, biology, physical oceanography, etc.) collected on the cruise leg.
6. Microfilm or Xerox copies of:
 - a. Echosounder records - 12 and 3.5 kHz frequency
 - b. Subbottom profiler records (airgun)
 - c. Magnetometer records
 - d. Underway Data Log



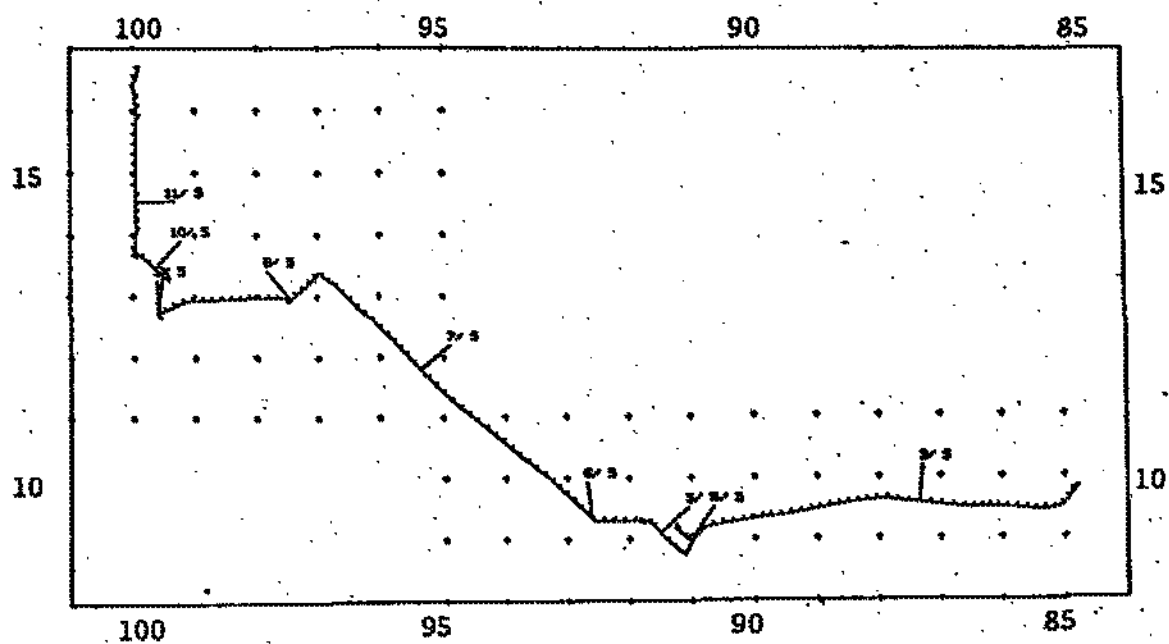
IGUANA LEG 1, track chart



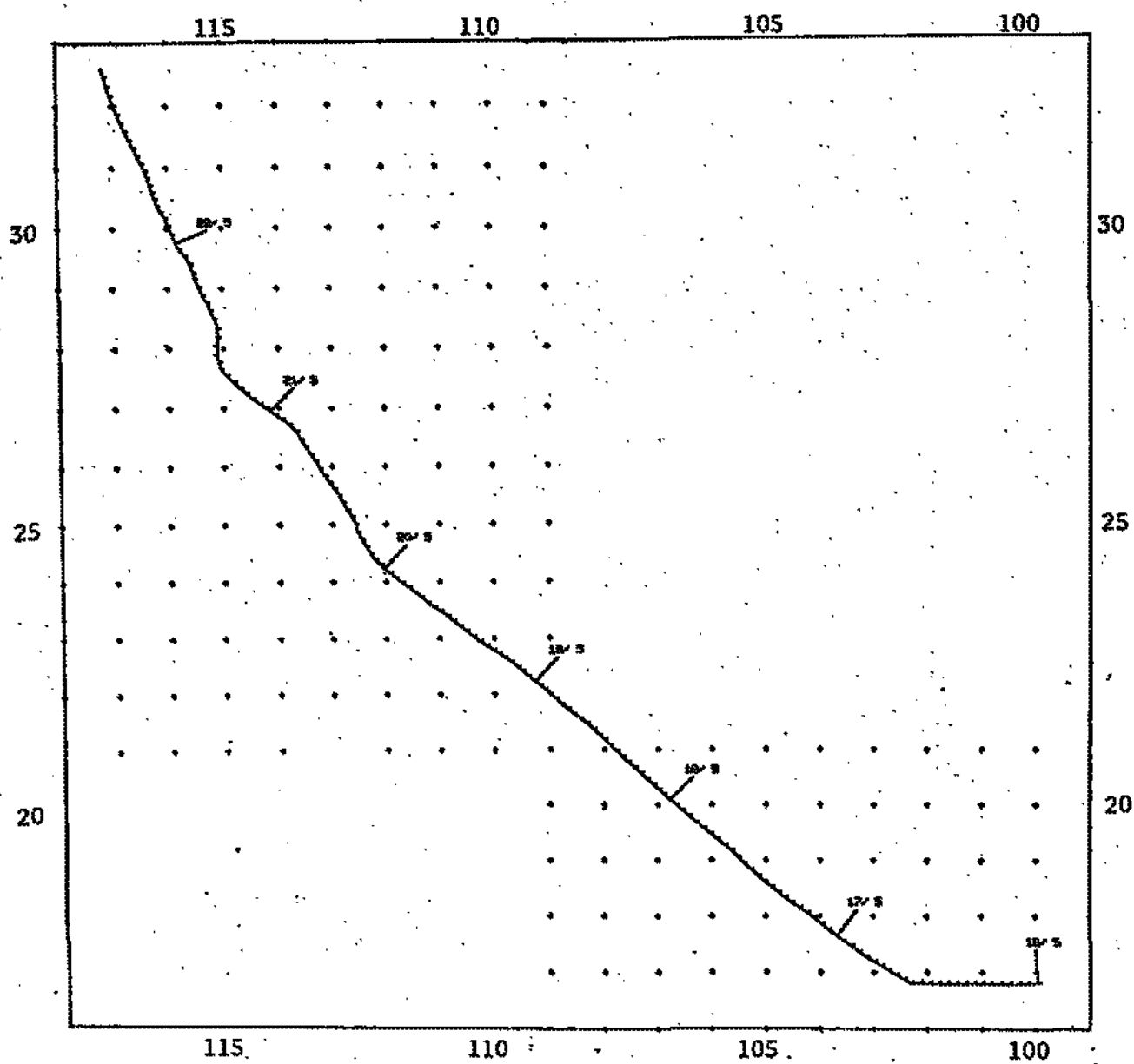
IGUANA LEG 2, track chart



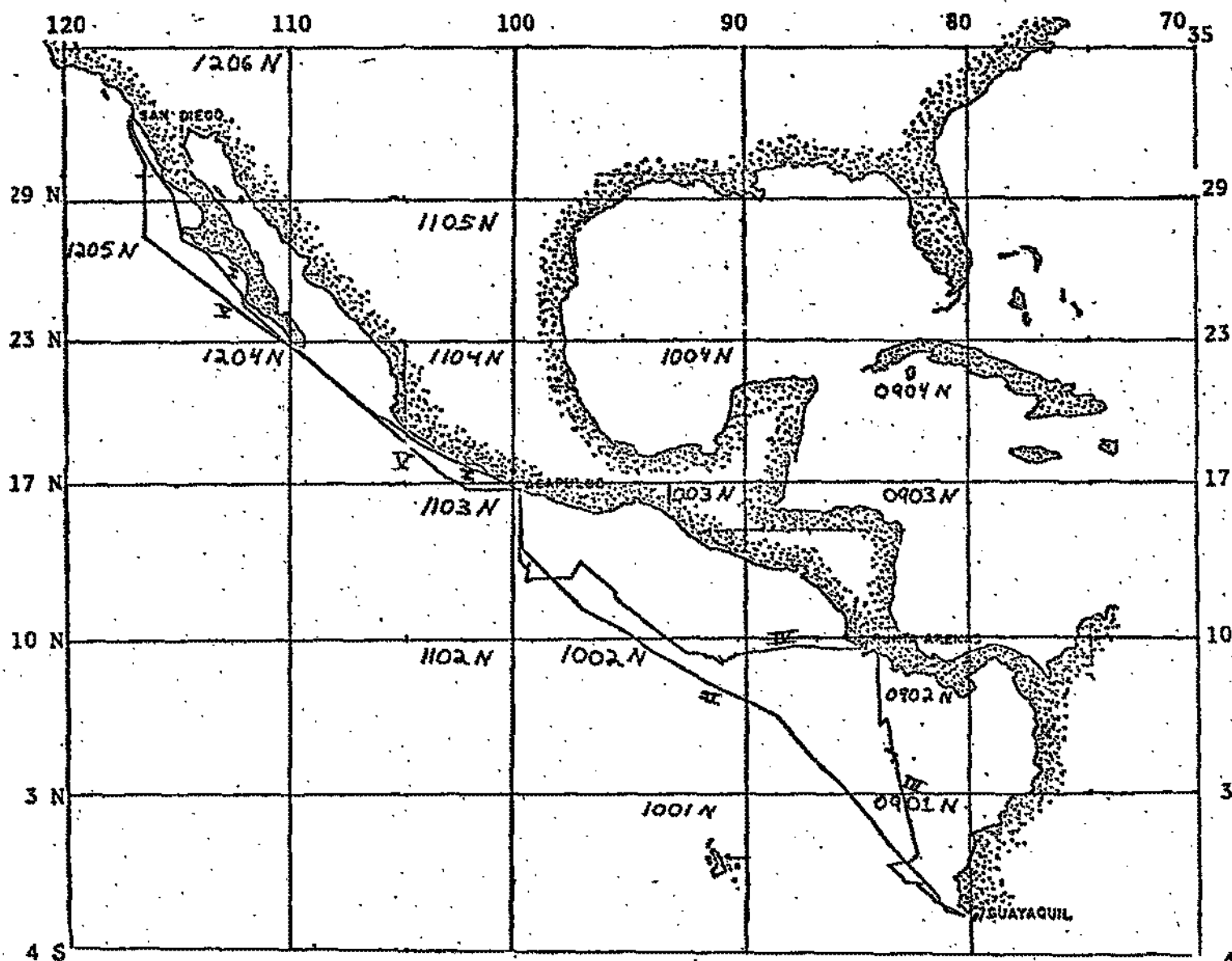
IGUANA LEG 3, track chart



IGUANA LEG 4, track chart



IGUANA LEG 5, track chart



IGUANA EXPEDITION

LEGS 1-5

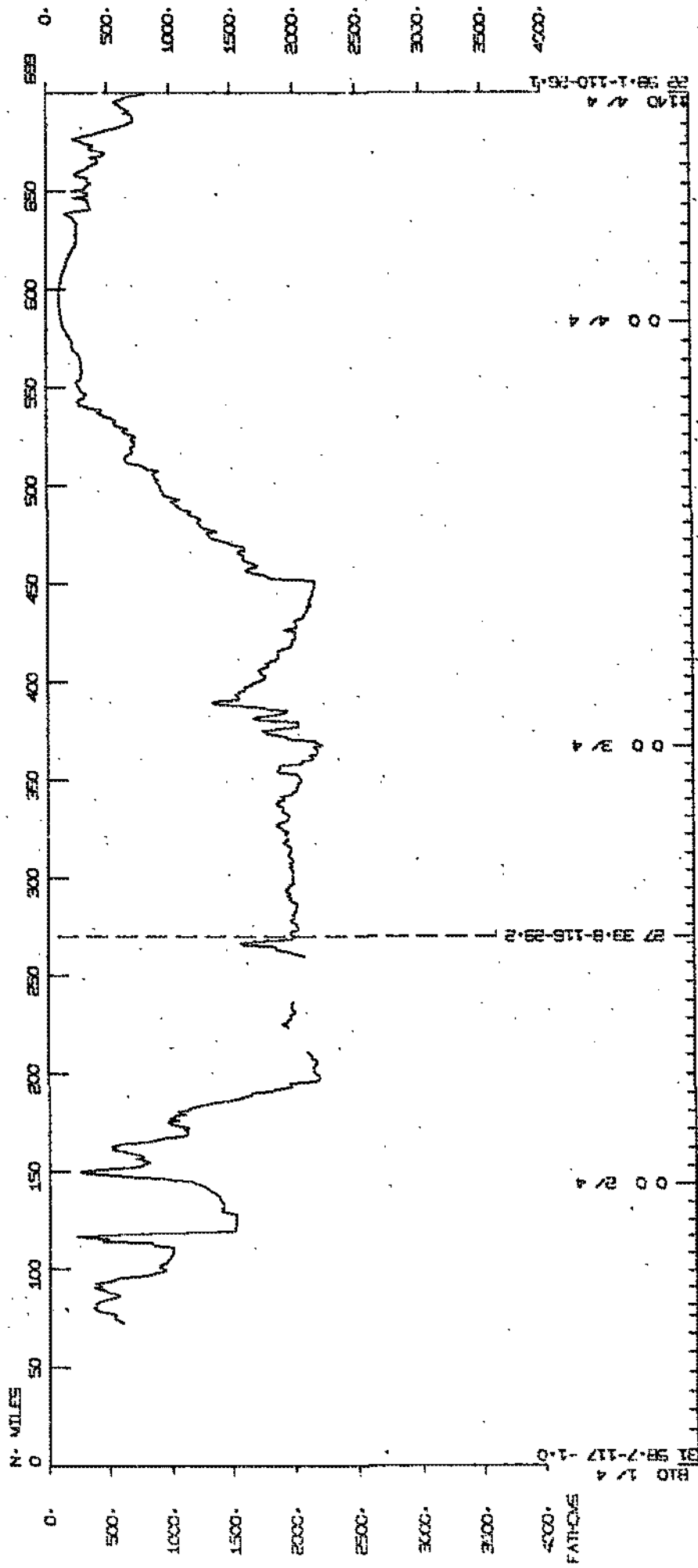
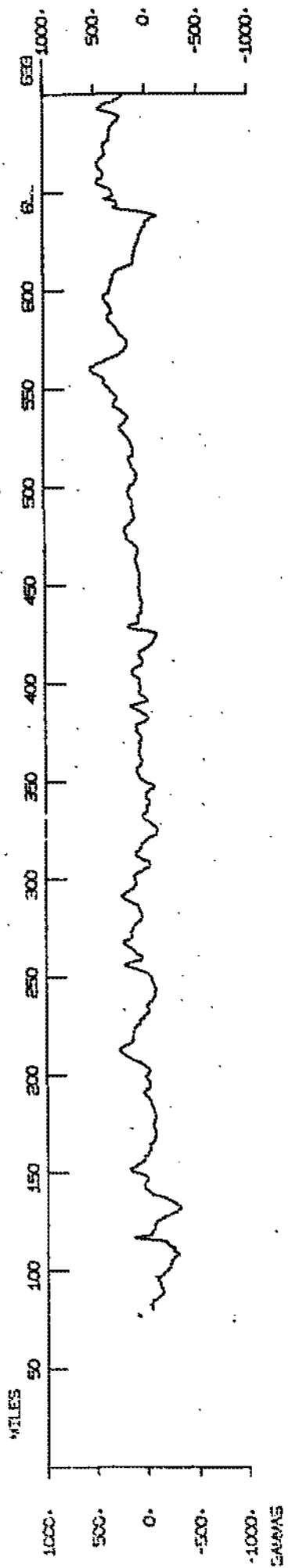
R/V E.B. SCRIPPS

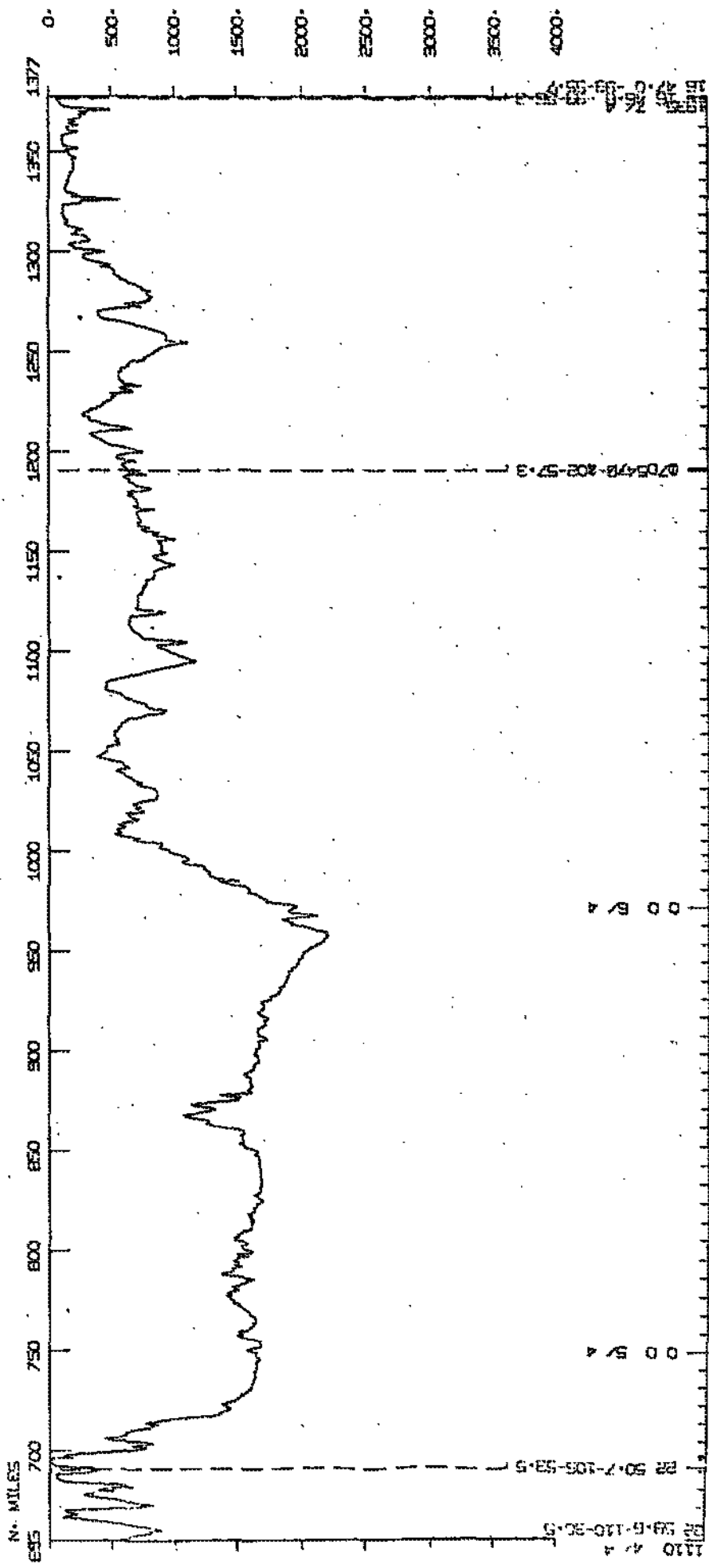
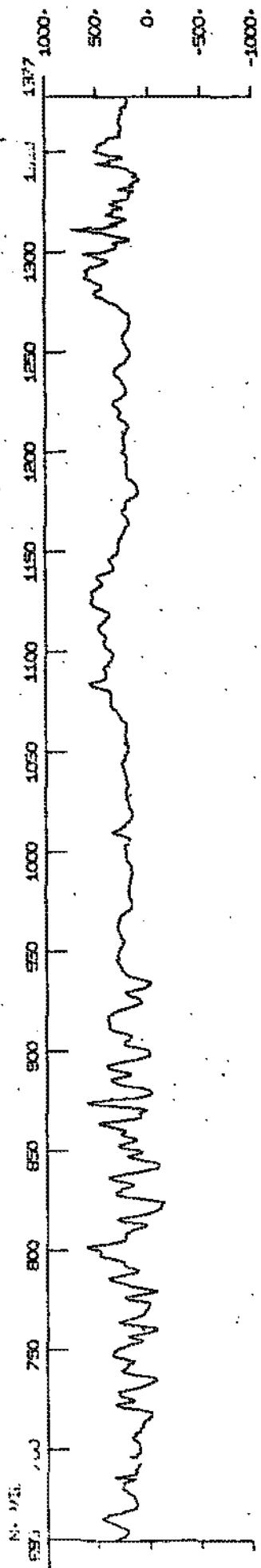
CHIEF SCIENTIST- G.G. SHOR

- Leg 1. San Diego - Acapulco (1 April 1972 to 7 April 1972)
- Leg 2. Acapulco - Guayaquil (9 April 1972 to 17 April 1972)
- Leg 3. Guayaquil - Punta Arenas (21 April 1972 to 30 April 1972)
- Leg 4. Punta Arenas - Acapulco (2 May 1972 to 11 May 1972)
- Leg 5. Acapulco - San Diego (15 May 1972 to 22 May 1972)

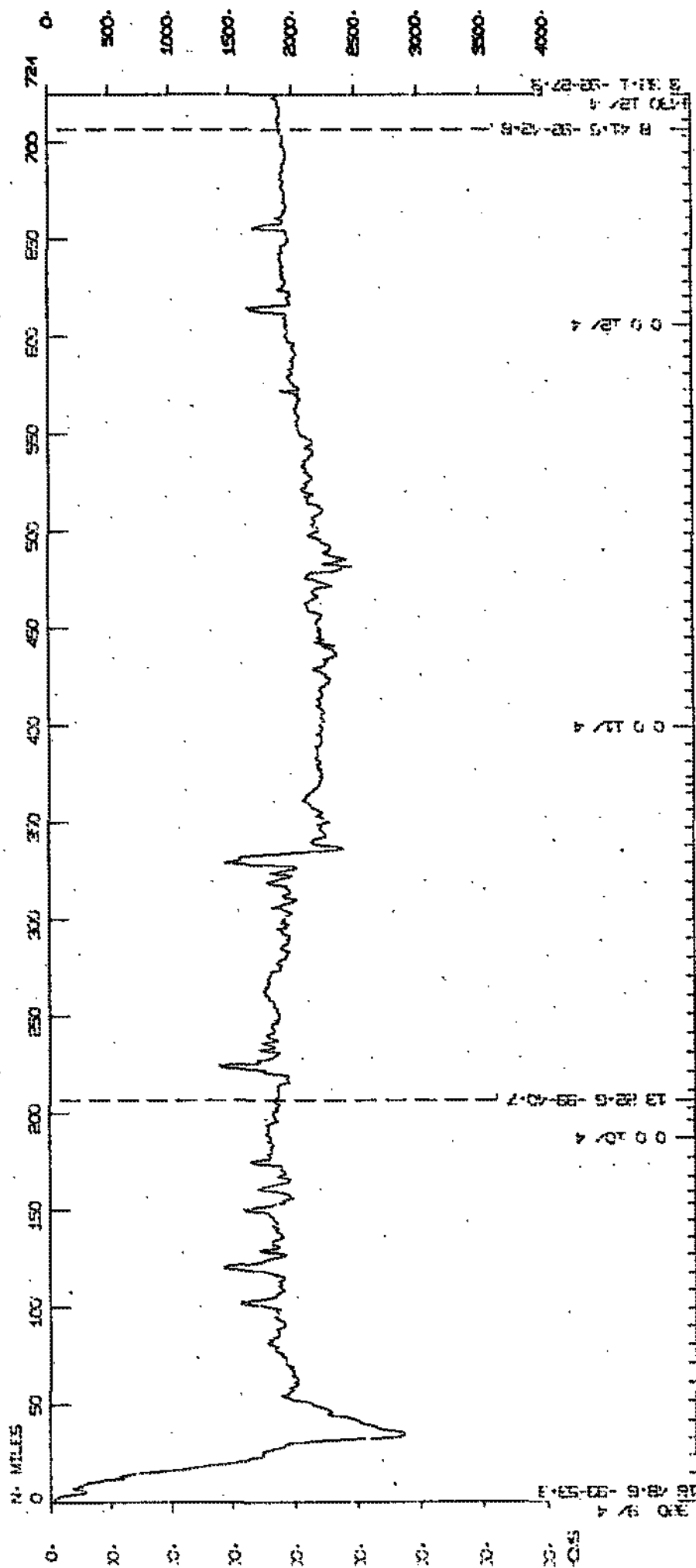
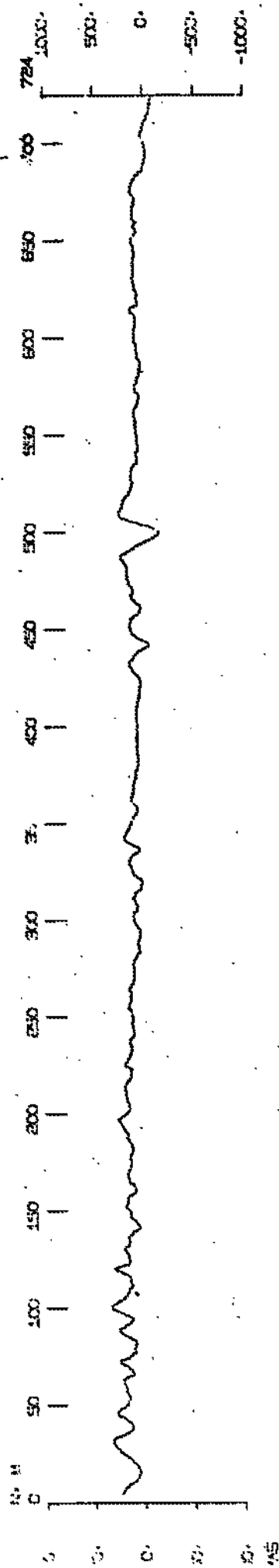
TOTAL MILEAGE

- 1) Cruise - 7217.5 miles
- 2) Bathymetry - 7070 miles
- 3) Magnetics - 6850 miles
- 4) Seismic Reflection - 4540 miles



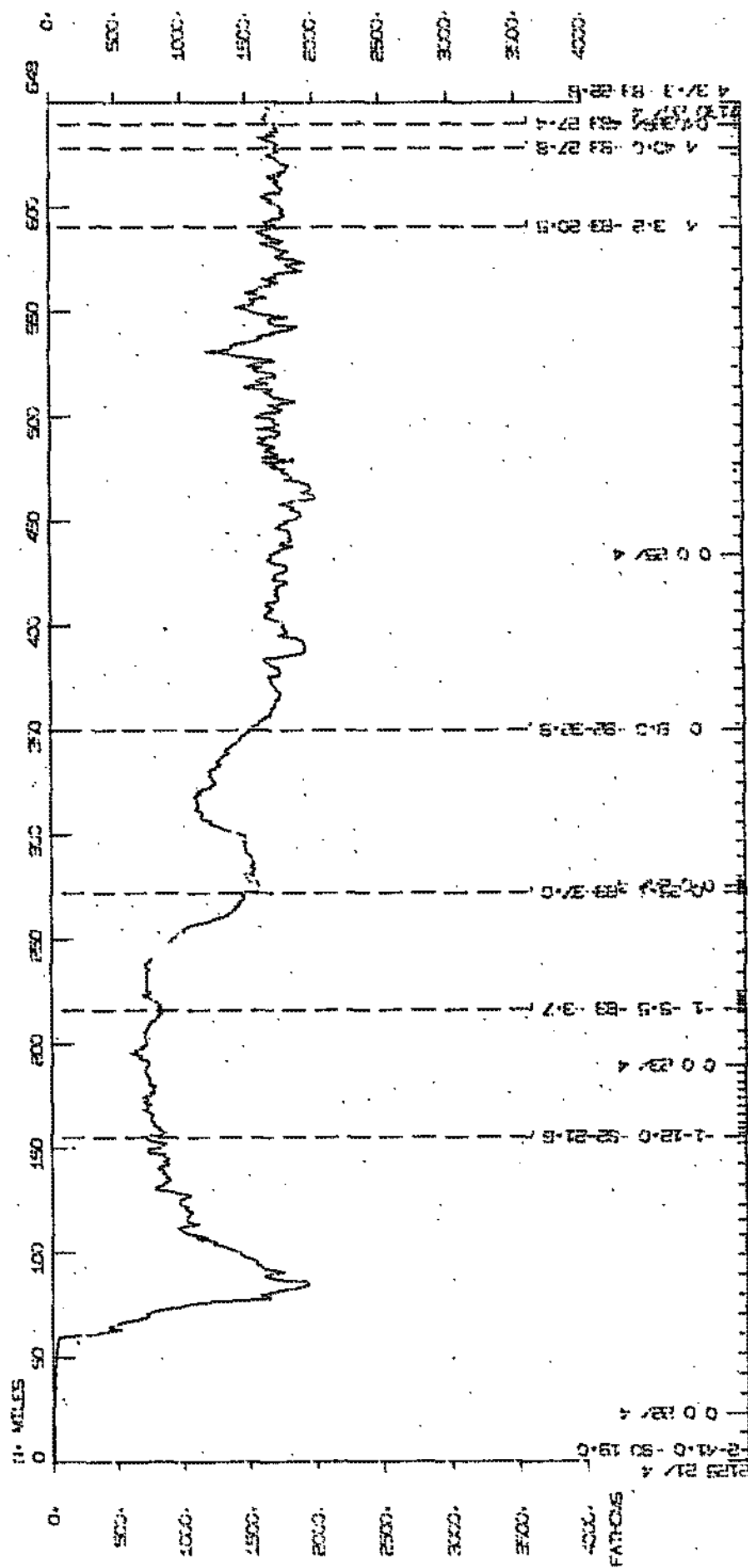
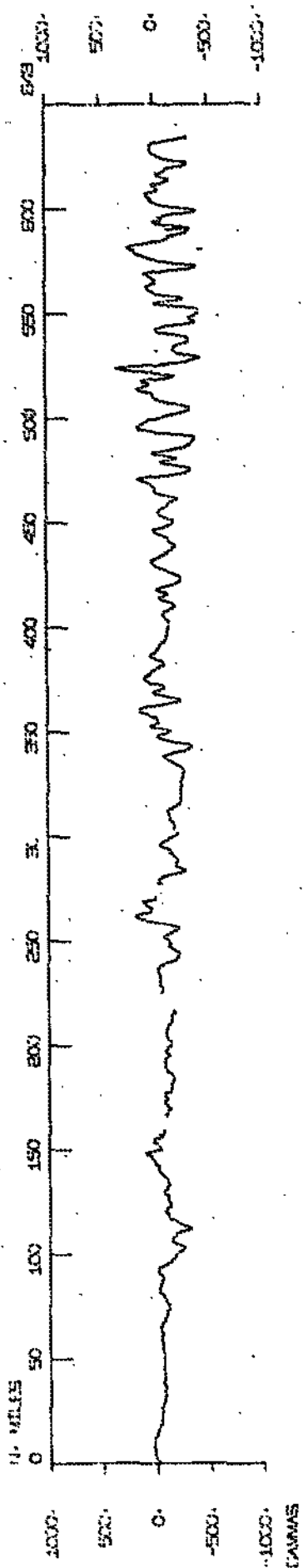


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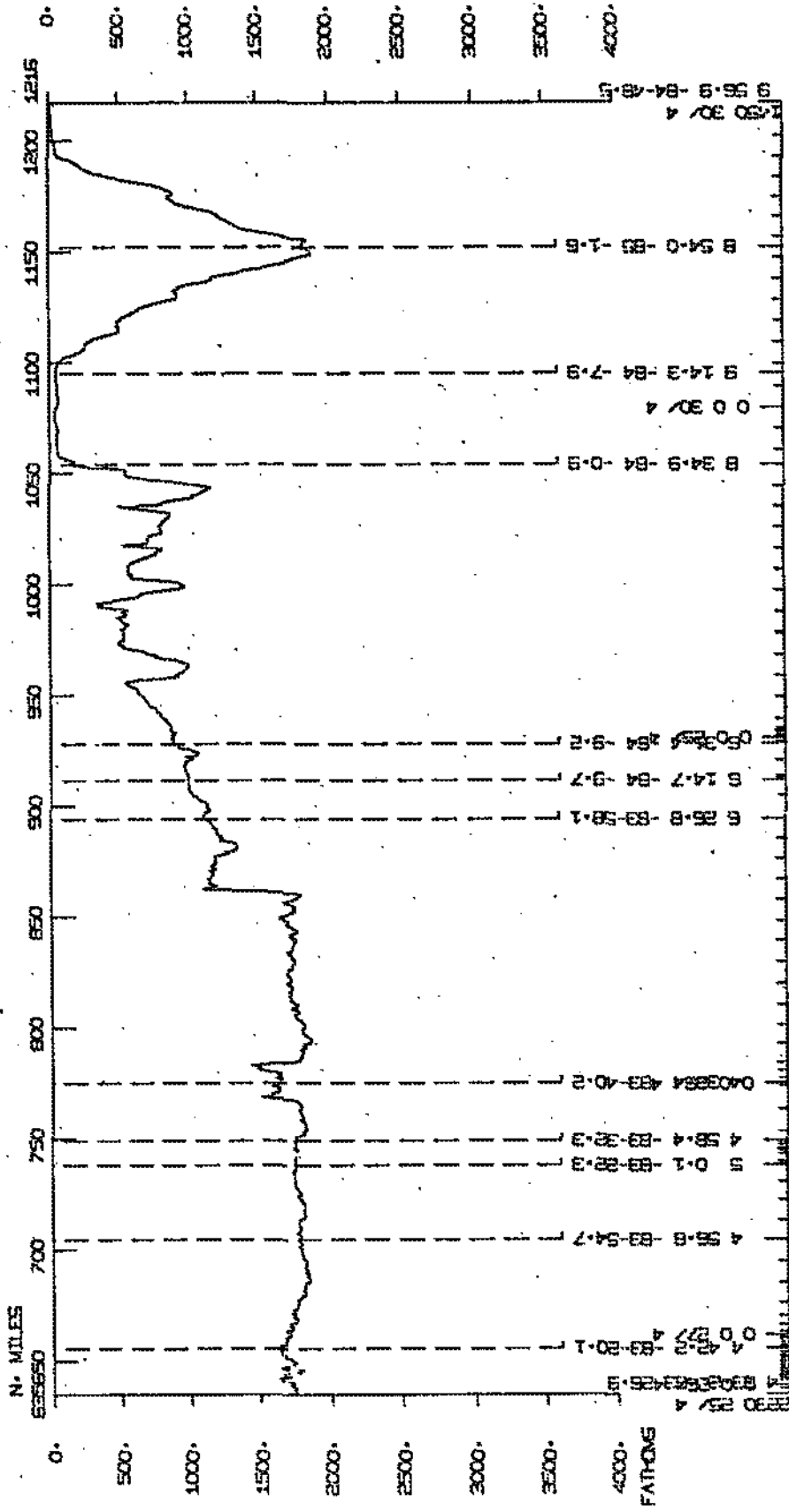
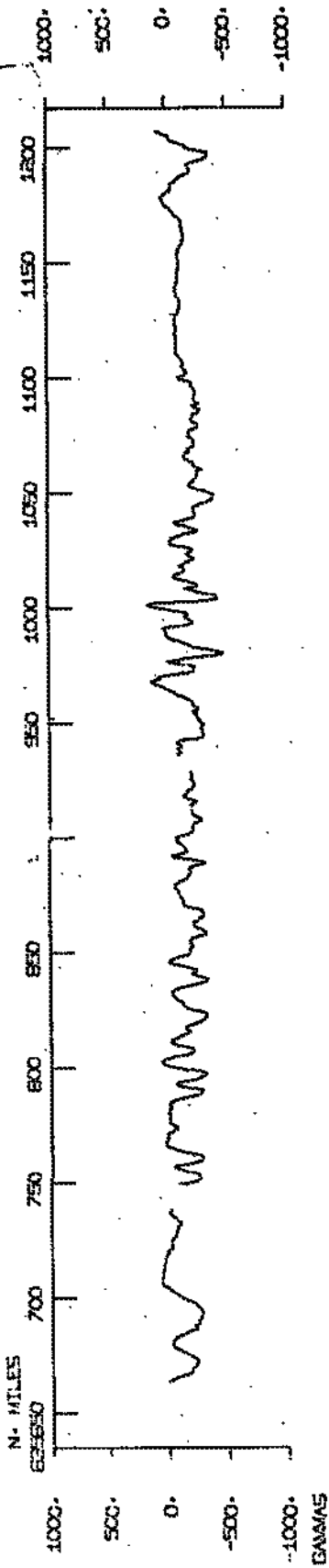


IGUANA LEG 2

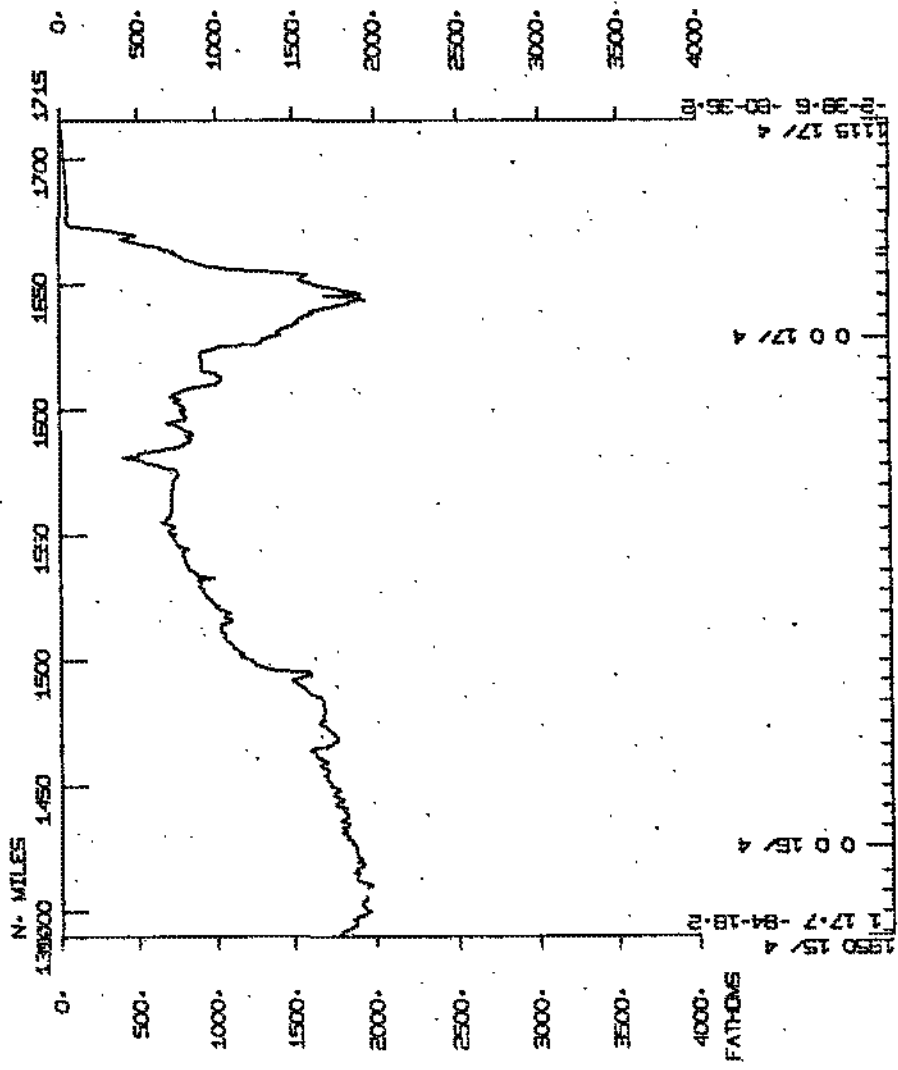
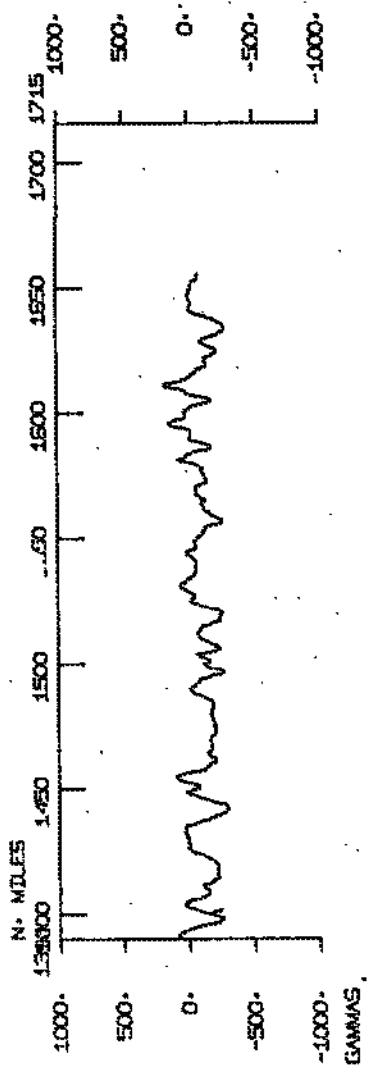
IGUANA LEG 3



IGUANA LEG 3



IGUANA LEG 2



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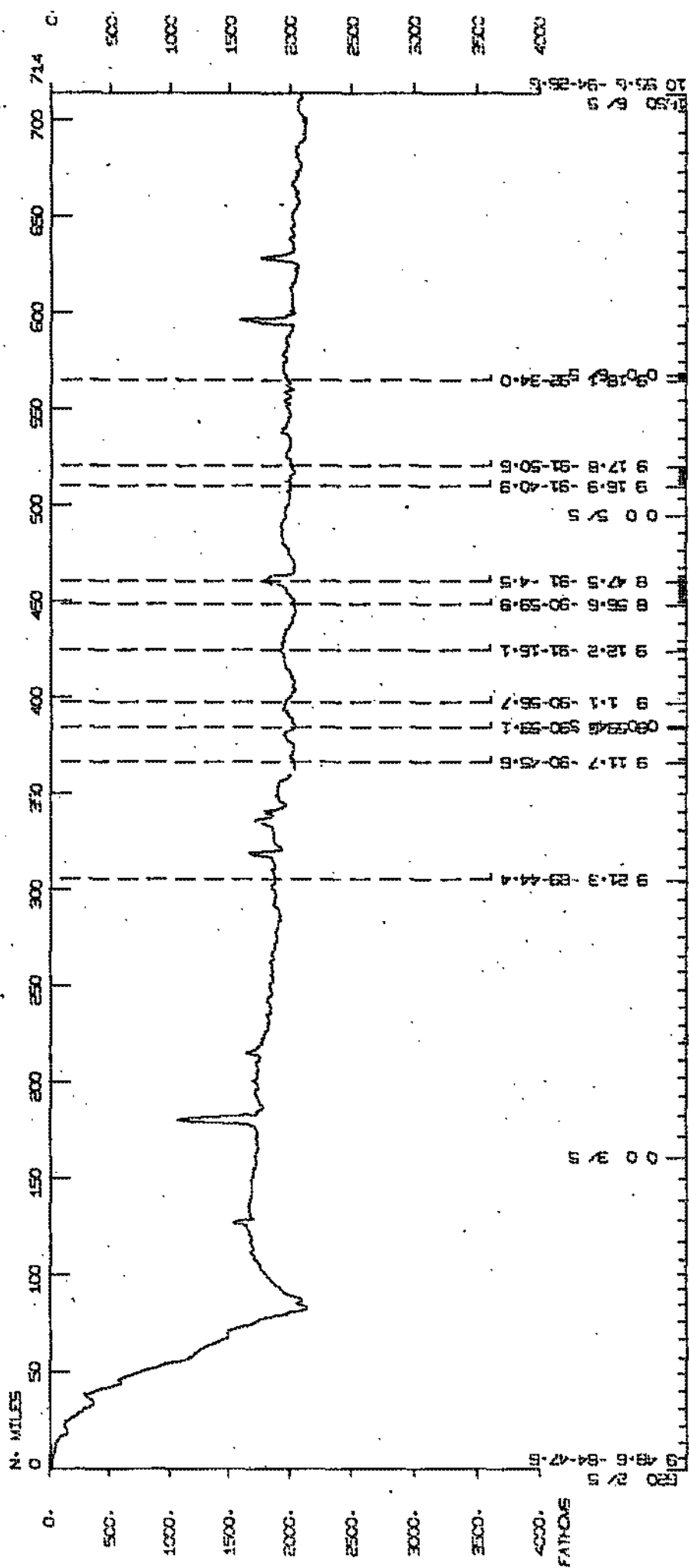
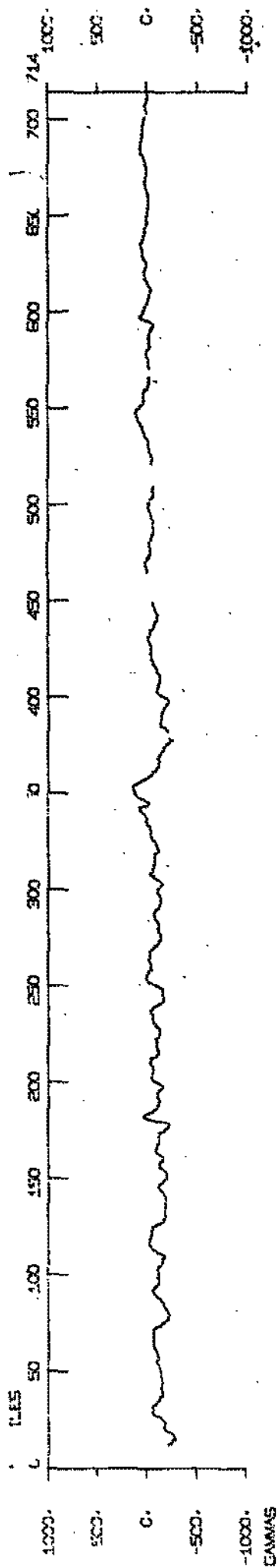
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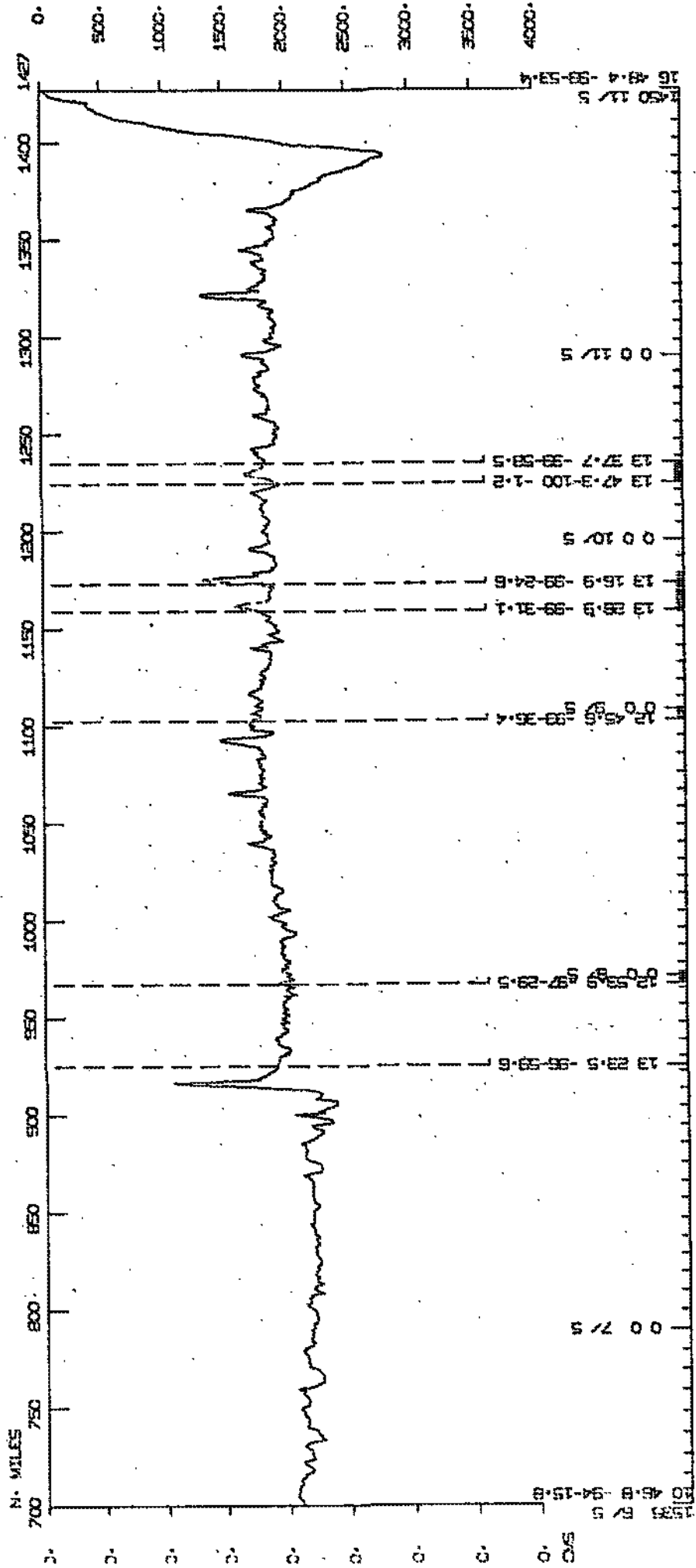
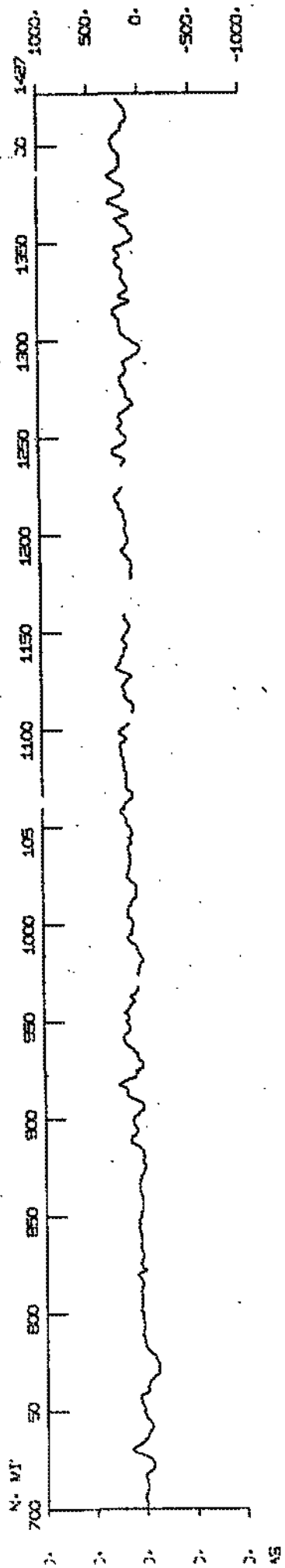
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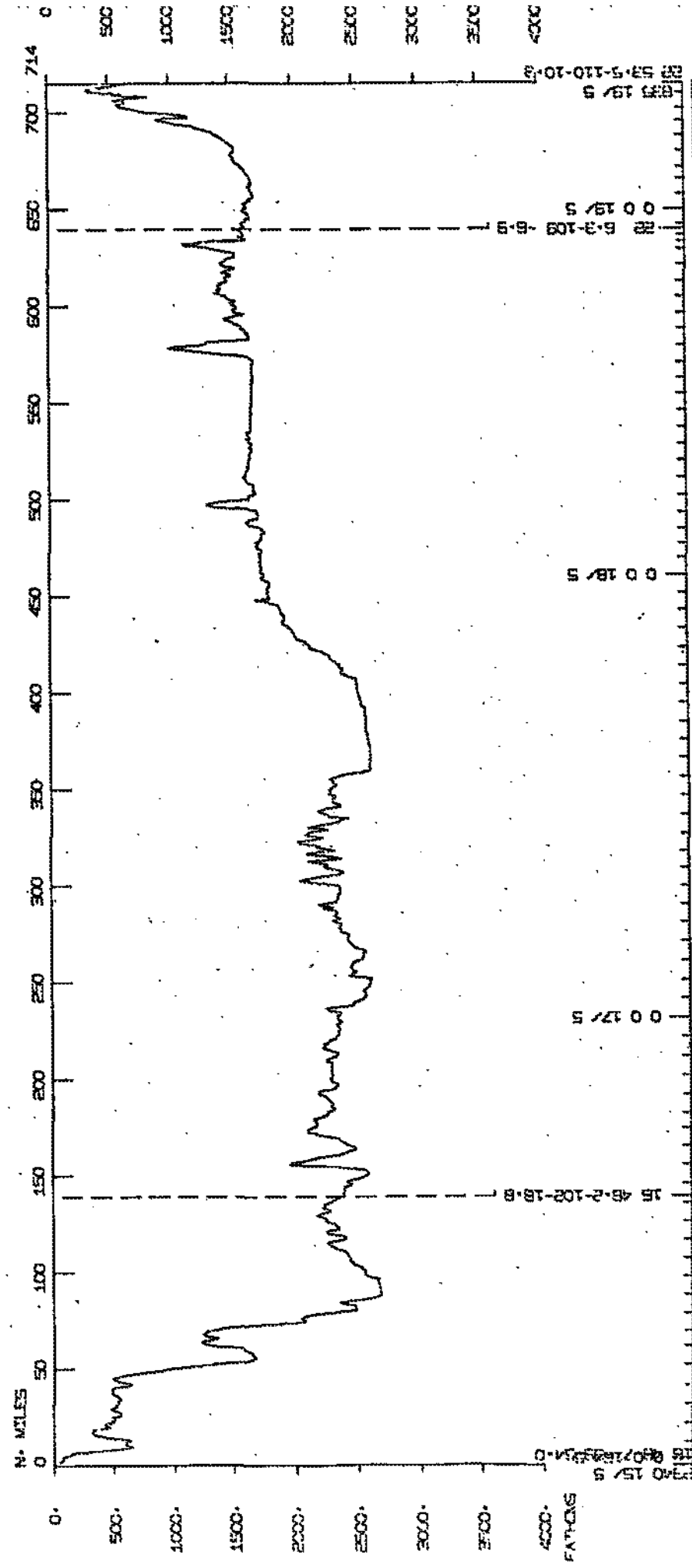
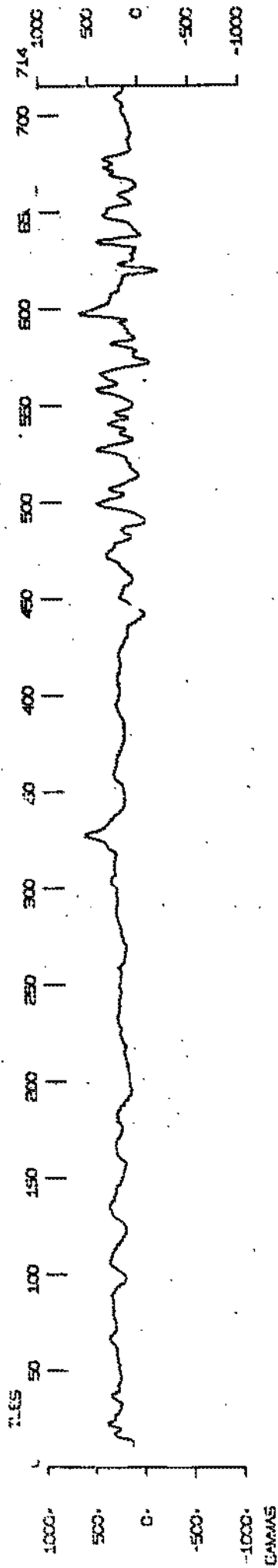
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IGUANA EXPEDITION

SAMPLE DATA INDEX

LISTED 13 SEPTEMBER 1972

*** NOTE *** TIME ZONES AND MINUTES OF LATITUDE AND LONGITUDE ARE LISTED
IN TENTHS (E.G. 10.6 IS LISTED AS 106)

1120 31 372 LG01 B SAN DIEGO, CAL. 32 367N 117 109W S IGUA01EB
1958 7 472 LG01 E ACAPULCO, MEX. 16 487N 99 533W S IGUA01EB

*** PERSONNEL ***

0 0 0 0	PECS	G. G. SHOR	MPL	0	ON	0	OE	IGUA01EB
0 0 0 0	PERT	A. C. JONES	MPL	0	ON	0	OE	IGUA01EB
0 0 0 0	PERT	M. E. KEITH	GRD	0	ON	0	OE	IGUA01EB
0 0 0 0	PEAT	M. BARTH	SRG	0	ON	0	OE	IGUA01EB
0 0 0 0	PE	M. HENRY	MPL	0	ON	0	OE	IGUA01EB
0 0 0 0	PE	D. MCGOWAN	MPL	0	ON	0	OE	IGUA01EB

0244 090472 LG02 B ACAPULCO, MEX. 16 467N 99 533W S IGUA02EB
1300 17 472 LG02 E GUAYAQUIL, ECDOR 2 387S 80 361W S IGUA02EB

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0 0 0 0	PERT	M. E. KEITH	GRD	0	ON	0	OE	IGUA02EB
0 0 0 0	PEAT	M. BARTH	SRG	0	ON	0	OE	IGUA02EB
0 0 0 0	PEAT	R. BONGARD	SRG	0	ON	0	OE	IGUA02EB
0 0 0 0	PE	M. HENRY	MPL	0	ON	0	OE	IGUA02EB
0 0 0 0	PE	D. MCGOWAN	MPL	0	ON	0	OE	IGUA02EB
0 0 0 0	PE	D. NEWHOUSE	GDC	0	ON	0	OE	IGUA02EB

1715 21 472 LG03 B GUAYAQUIL, ECDOR 2 387S 80 361W S IGUA03EB
1954 30 472 LG03 E PUNTARENAS, CTR. 9 572N 84 485W S IGUA03EB

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0 0 0 0	PERT	M. E. KEITH	GRD	0	ON	0	OE	IGUA03EB
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0 0 0 0	PEAT	R. BONGARD	SRG	0	ON	0	OE	IGUA03EB
0 0 0 0	PE	M. HENRY	MPL	0	ON	0	OE	IGUA03EB
0 0 0 0	PEAN	R. JIMINEZ	EDR	0	ON	0	OE	IGUA03EB
0 0 0 0	PE	D. MCGOWAN	MPL	0	ON	0	OE	IGUA03EB
0 0 0 0	PE	D. NEWHOUSE	GDC	0	ON	0	OE	IGUA03EB

452 2 572 LG04 B PUNTARENAS, CTR. 9 572N 84 485W S IGUA04EB
1453 11 572 LG04 E ACAPULCO, MEX. 16 487N 99 533W S IGUA04EB

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0 0 0 0	PEAT	M. BARTH	SRG	0	ON	0	OE	IGUA04EB
0 0 0 0	PEAT	R. BONGARD	SRG	0	ON	0	OE	IGUA04EB
0 0 0 0	PE	M. HENRY	MPL	0	ON	0	OE	IGUA04EB
0 0 0 0	PE	D. MCGOWAN	MPL	0	ON	0	OE	IGUA04EB
0 0 0 0	PE	D. NEWHOUSE	GDC	0	ON	0	OE	IGUA04EB

2305 15 572 LG05 B ACAPULCO, MEX. 16 487N 99 533W S IGUA05EB
2260 22 572 LG05 E SAN DIEGO, CAL. 32 367N 117 109W S IGUA05EB

0 0 0 0	PERT	M. E. KEITH	GRD	0	ON	0	OE	IGUA05EB
0 0 0 0	PEAT	R. BONGARD	SRG	0	ON	0	OE	IGUA05EB
0 0 0 0	PE	D. MCGOWAN	MPL	0	ON	0	OE	IGUA05EB

*** LOG BOOKS ***

TIME GMT D.M.Y.	DATE TZ	SAMP LOC CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
1120 31 372		LBSC B	SCIENTIFIC LOG	GDC 32	36°N	117 109W	S IGUA01EB
2200 22 572		LBSC E	SCIENTIFIC LOG	GDC 32	36°N	117 109W	S IGUA05EB
1120 31 372		LBSC B	U/W WATCH LOG	GDC 32	36°N	117 109W	S IGUA01EB
2200 22 572		LBSC E	U/W WATCH LOG	GDC 32	36°N	117 109W	S IGUA05EB
1120 31 372		LB	B XBT LOG	GDC 32	36°N	117 109W	S IGUA01EB
2200 22 572		LB	E XBT LOG	GDC 32	36°N	117 109W	S IGUA05EB

UNDERWAY DATA - CURATOR T.E. CHASE 2ND FLOOR AQUARIUM (EXT.1534)

***FATHOGRAMS ***

TIME GMT D.M.Y.	DATE TZ	SAMP LOC CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
1545 1 472		DPRT B	GDR 12KHZ-ROLL 1	GDC 30	49°N	116 324W	S IGUA01EB
1536 4 472		DPRT E	GDR 12KHZ-ROLL 1	GDC 22	53°N	109 538W	S IGUA01EB
1710 4 472		DPRT B	GDR 12KHZ-ROLL 2	GDC 22	52°N	109 544W	S IGUA01EB
1958 7 472		DPRT E	GDR 12KHZ-ROLL 2	GDC 16	48°N	99 533W	S IGUA01EB
244 9 472		DPRT B	GDR 12KHZ-ROLL 3	GDC 16	48°N	99 533W	S IGUA02EB
740 13 472		DPRT E	GDR 12KHZ-ROLL 3	GDC 7	21°N	90 315W	S IGUA02EB
759 13 472		DPRT B	GDR 12KHZ-ROLL 4	GDC 7	20°N	90 291W	S IGUA02EB
2135 15 472		DPRT E	GDR 12KHZ-ROLL 4	GDC 1	6°N	84 95W	S IGUA02EB
2214 15 472		DPRT B	GDR 12KHZ-ROLL 5	GDC 1	2°N	84 62W	S IGUA02EB
1300 17 472		DPRT E	GDR 12KHZ-ROLL 5	GDC 2	38°S	80 361W	S IGUA02EB
2125 21 472		DPRT B	GDR 12KHZ-ROLL 6	GDC 2	41°S	80 190W	S IGUA03EB
1003 23 472		DPRT E	GDR 12KHZ-ROLL 6	GDC 1	6°S	83 30W	S IGUA03EB
1013 23 472		DPRT B	GDR 12KHZ-ROLL 7	GDC 1	1°S	83 31W	S IGUA03EB
833 26 472		DPRT E	GDR 12KHZ-ROLL 7	GDC 4	2°S	83 250W	S IGUA03EB
854 26 472		DPRT B	GDR 12KHZ-ROLL 8	GDC 4	35°N	83 247W	S IGUA03EB
1515 29 472		DPRT E	GDR 12KHZ-ROLL 8	GDC 7	50°N	84 48W	S IGUA03EB
1624 29 472		DPRT B	GDR 12KHZ-ROLL 9	GDC 7	51°N	84 47W	S IGUA03EB
53 4 572		DPRT E	GDR 12KHZ-ROLL 9	GDC 9	4°N	91 0W	S IGUA04EB
54 4 572		DPRT B	GDR 12KHZ-ROLL 10	GDC 9	4°N	90 599W	S IGUA04EB
1515 7 572		DPRT E	GDR 12KHZ-ROLL 10	GDC 13	18°N	97 37W	S IGUA04EB
1517 7 572		DPRT B	GDR 12KHZ-ROLL 11	GDC 13	18°N	97 38W	S IGUA04EB
549 11 572		DPRT E	GDR 12KHZ-ROLL 11	GDC 15	16°N	99 573W	S IGUA04EB
5 1 572		DPRT B	GDR 12KHZ-ROLL 12	GDC 15	2	99 573W	S IGUA04EB
145 1 572		DPRT E	GDR 12KHZ-ROLL 12	GDC 16	4	99 533W	S IGUA04EB

TIME GMT	DATE D.M.Y.	TIME TZ LOC	SAMP CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
0 16	572		DPRT B	GDR 12KHZ-ROLL13	GDC 16	485N	99 576W	S IGUA05EB
233 18	572		DPRT E	GDR 12KHZ-ROLL13	GDC 20	187N	107 12H	S IGUA05EB
240 18	572		DPRT B	GDR 12KHZ-ROLL14	GDC 20	194N	107 20W	S IGUA05EB
1646 21	572		DPRT E	GDR 12KHZ-ROLL14	GDC 28	310N	115 197W	S IGUA05EB
1648 21	572		DPRT B	GDR 12KHZ-ROLL15	GDC 28	512N	115 198W	S IGUA05EB
2200 22	572		DPRT E	GDR 12KHZ-ROLL15	GDC 32	367N	117 109W	S IGUA05EB

*** SEISMIC REFLECTION PROFILES ***

TIME GMT	DATE D.M.Y.	TIME TZ LOC	SAMP CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
0 2	472		SPRF B	AIRCUN-RF-ROLL 1	GDC 29	402N	116 268W	S IGUA01EB
1500 2	572		SPRF E	AIRCUN-RF-ROLL 1	GDC 9	286N	85 565W	S IGUA04EB
1510 2	572		SPRF B	AIRCUN-RF-ROLL 2	GDC 9	236N	85 565W	S IGUA04EB
319 22	572		SPRF E	AIRCUN-RF-ROLL 2	GDC 30	109N	116 19W	S IGUA05EB
0 2	472		SPRS B	AIRCUN-RS-ROLL 1	GDC 29	402N	116 268W	S IGUA01EB
319 22	572		SPRS E	AIRCUN-RS-ROLL 1	GDC 30	109N	116 19W	S IGUA05EB

*** MAGNETOMETER ***

TIME GMT	DATE D.M.Y.	TIME TZ LOC	SAMP CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
1644 1	472		MGR B	MAGNET-ROLL 1	GDC 30	429N	116 299W	S IGUA01EB
1728 10	472		MGR E	MAGNET-ROLL 1	GDC 11	576N	97 407W	S IGUA02EB
1738 10	472		MGR B	MAGNET-ROLL 2	GDC 11	571N	97 394W	S IGUA02EB
1508 28	472		MGR E	MAGNET-ROLL 2	GDC 6	257N	83 592W	S IGUA03EB
1520 28	472		MGR B	MAGNET-ROLL 3	GDC 6	242N	84 7W	S IGUA03EB
427 19	572		MGR E	MAGNET-ROLL 3	GDC 22	354N	109 428W	S IGUA05EB
437 19	572		MGR B	MAGNET-ROLL 4	GDC 22	362N	109 440W	S IGUA05EB
2013 22	572		MGR E	MAGNET-ROLL 4	GDC 32	205N	117 52W	S IGUA05EB

*** SEISMIC REFRACTION ***

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	LOC	SAMP CODE	IDENT.	SEQ. NUM.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
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2205	5	472	SRUR	E	IGUA	2-51	RFN	20	031N	106 242W	S IGUA01EB
2324	6	472	SRUR	B	IGUA	2-52	RFN	17	566N	103 004W	S IGUA01EB
27	7	472	SRUR	E	IGUA	2-52	RFN	17	523N	102 538W	S IGUA01EB
1448	22	472	SRRV	B	IGUA	3-1-1+2	RFN	1	117S	82 208W	S IGUA03EB
942	23	472	SRRV	E	IGUA	3-1-1+2	RFN	1	9S	83 29W	S IGUA03EB
1848	23	472	SRRV	B	IGUA	3-2-1+2+3	RFN	0	232S	83 364W	S IGUA03EB
1432	24	472	SRRV	E	IGUA	3-2-1+2+3	RFN	0	70N	82 332W	S IGUA03EB
745	26	472	SRAN	B	IGUA	3-3-1THRU8	RFN	4	330N	83 256W	S IGUA03EB
721	28	472	SRAN	E	IGUA	3-3-1THRU8	RFN	5	212N	83 377W	S IGUA03EB
1922	28	472	SRAN	B	IGUA	3-4-1THRU5	RFN	6	131N	84 98W	S IGUA03EB
1602	29	472	SRAN	E	IGUA	3-4-1THRU5	RFN	7	484N	84 50W	S IGUA03EB
1518	3	572	SRUR	B	IGUA	4-51	RFN	9	214N	89 454W	S IGUA04EB
1930	3	572	SRUR	E	IGUA	4-51	RFN	9	134N	90 248W	S IGUA04EB
201	4	572	SRUR	B	IGUA	4-52	RFN	8	582N	91 2W	S IGUA04EB
422	4	572	SRUR	E	IGUA	4-52	RFN	9	120N	91 159W	S IGUA04EB
958	4	572	SRAN	B	IGUA	4-5-1THRU10	RFN	8	535N	91 6W	S IGUA04EB
146	6	572	SRAN	E	IGUA	4-5-1THRU10	RFN	9	202N	92 355W	S IGUA04EB
2235	6	572	SRRV	B	IGUA	4-6-1	RFN	11	369N	95 128W	S IGUA04EB
302	7	572	SRRV	E	IGUA	4-6-1	RFN	12	97N	95 429W	S IGUA04EB
1406	7	572	SRRV	B	IGUA	4-7-1,2,3	RFN	13	223N	96 583W	S IGUA04EB
154	8	572	SRRV	E	IGUA	4-7-1,2,3	RFN	12	581N	97 261W	S IGUA04EB
1733	8	572	SRAN	S	IGUA	4-8-1THRU11	RFN	12	434N	99 364W	S IGUA04EB
1651	10	572	SRAN	E	IGUA	4-8-1THRU11	RFN	13	377N	99 584W	S IGUA04EB

BATHY THERMOGRAPHS - CURATOR MARGARET ROBINSON (EXT. 1135)

*** BATHY THERMOGRAPH ***

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	LOC	SAMP CODE	IDENT.	SEQ. NUM.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1720	3	472	BTX		XBT	1	8TS	24	530N	112 567W	S IGUA01EB
626	4	472	BTX		XBT	2	8TS	23	303N	111 102W	S IGUA01EB
607	5	472	BTX		XBT	3	8TS	21	419N	108 248W	S IGUA01EB
1804	5	472	BTX		XBT	4	8TS	20	201N	106 533W	S IGUA01EB
608	6	472	BTX		XBT	5	8TS	19	248N	105 248W	S IGUA01EB
1829	6	472	BTX		XBT	6	8TS	18	74N	103 513W	S IGUA01EB
1829	7	472	BTX		XBT	7	8TS	17	N	101 554W	S IGUA01EB
11	7	472	BTX		XBT	8	8TS	16	N.100	94W	S IGUA01EB

TIME	DATE	TIME	LOC	SAMP	IDENT.	SEQ.	DISP	CRUISE
GMT	D.M.Y.	LOC	LOC	CODE	SAMPLE	NUM.	CODE	LEG-SHIP
1210	9	472		BTX	XBT 9	BTS 15	203N	99 519W S IGUA02EB
7	10	472		BTX	XBT 10	BTS 13	407N	99 434W S IGUA02EB
1215	10	472		BTX	XBT 11	BTS 12	271N	98 213W S IGUA02EB
19	11	472		BTX	XBT 12	BTS 11	320N	96 565W S IGUA02EB
1203	11	472		BTX	XBT 13	BTS 10	416N	95 243W S IGUA02EB
4	12	472		BTX	XBT 14	BTS 9	356N	94 94W S IGUA02EB
1220	12	472		BTX	XBT 15	BTS 8	419N	92 434W S IGUA02EB
5	13	472		BTX	XBT 16	BTS 7	498N	91 230W S IGUA02EB
1208	13	472		BTX	XBT 17	BTS 7	61W	89 547W S IGUA02EB
4	14	472		BTX	XBT 18	BTS 6	25N	88 160W S IGUA02EB
1215	14	472		BTX	XBT 19	BTS 4	334N	87 16W S IGUA02EB
133	15	472		BTX	XBT 20	BTS 3	139N	85 526W S IGUA02EB
1205	15	472		BTX	XBT 21	BTS 2	83W	84 575W S IGUA02EB
3	16	472		BTX	XBT 22	BTS 0	503N	83 550W S IGUA02EB
1108	16	472		BTX	XBT 23	BTS 0	200S	82 554W S IGUA02EB
2315	16	472		BTX	XBT 24	BTS 1	375S	81 461W S IGUA02EB
1205	22	472		BTX	XBT 25	BTS 1	285S	82 77W S IGUA03EB
10	23	472		BTX	XBT 26	BTS 1	72S	82 381W S IGUA03EB
1210	23	472		BTX	XBT 27	BTS 0	577S	83 48W S IGUA03EB
58	24	472		BTX	XBT 28	BTS 0	232S	83 367W S IGUA03EB
11	25	472		BTX	XBT 29	BTS 1	307N	82 526W S IGUA03EB
1210	25	472		BTX	XBT 30	BTS 3	170N	83 143W S IGUA03EB
10	26	472		BTX	XBT 31	BTS 4	325N	83 276W S IGUA03EB
1250	26	472		BTX	XBT 32	BTS 4	364N	83 219W S IGUA03EB
100	27	472		BTX	XBT 33	BTS 4	436N	83 155W S IGUA03EB
1210	26	472		BTX	XBT 34	BTS 4	379N	83 224W S IGUA03EB
17	28	472		BTX	XBT 35	BTS 4	336N	83 403W S IGUA03EB
1205	28	472		BTX	XBT 36	BTS 6	44N	83 435W S IGUA03EB
8	29	472		BTX	XBT 37	BTS 6	351N	84 95W S IGUA03EB
1210	29	472		BTX	XBT 38	BTS 7	117N	84 57W S IGUA03EB
550	30	472		BTX	XBT 39	BTS 9	2N	84 466W S IGUA03EB
1205	2	572		BTX	XBT 40	BTS 9	260N	85 282W S IGUA04EB
24	3	572		BTX	XBT 41	BTS 9	340N	87 251W S IGUA04EB
1210	3	572		BTX	XBT 42	BTS 9	251N	89 173W S IGUA04EB
14	4	572		BTX	XBT 43	BTS 9	13N	91 15W S IGUA04EB
1206	4	572		BTX	XBT 44	BTS 8	542N	91 7W S IGUA04EB
10	5	572		BTX	XBT 45	BTS 9	73N	91 311W S IGUA04EB
1215	5	572		BTX	XBT 46	BTS 9	174N	91 506W S IGUA04EB
7	6	572		BTX	XBT 47	BTS 9	193N	92 355W S IGUA04EB
1222	6	572		BTX	XBT 48	BTS 10	255N	93 498W S IGUA04EB
430	7	572		BTX	XBT 49	BTS 12	196N	95 522W S IGUA04EB
1210	7	572		BTX	XBT 50	BTS 13	113N	96 451W S IGUA04EB
11	8	572		BTX	XBT 51	BTS 12	570N	97 272W S IGUA04EB
1145	8	572		BTX	XBT 52	BTS 12	561N	98 505W S IGUA04EB
45	9	572		BTX	XBT 53	BTS 12	39N	99 352W S IGUA04EB
1159	9	572		BTX	XBT 54	BTS 13	255N	99 202W S IGUA04EB
33	10	572		BTX	XBT 55	BTS 13	309N	99 453W S IGUA04EB
1156	10	572		BTX	XBT 56	BTS 13	410N	99 582W S IGUA04EB
1204	16	572		BTX	XBT 58	BTS 16	478N	101 560W S IGUA05EB
125	17	572		BTX	XBT 59	BTS 17	467N	103 521W S IGUA05EB
1204	17	572		BTX	XBT 60	BTS 18	495N	105 160W S IGUA05EB
130	18	572		BTX	XBT 61	BTS 20	140N	106 564W S IGUA05EB
1206	18	572		BTX	XBT 62	BTS 21	147N	108 61W S IGUA05EB
1204	19	572		BTX	XBT 63	BTS 23	136N	110 365W S IGUA05EB

END SAMPLE INDEX