

S.I.O. Sample Index

(Issued March 1980)

QUEBRADA EXPEDITION

LEG 1

San Diego, California (7 November 1969)
to

Acapulco, Mexico (1 December 1969)

Chief Scientist - R. L. Fisher (SIO)

Resident Marine Tech - J. L. Coatsworth

R/V T. Washington

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center

The Sample Index is a first level interdisciplinary listing of time, position, sample identification and disposition of all samples, records and measurements collected on this cruise leg. * The index data are encoded at sea by the Resident Technician and processed on shore by the S.I.O. Geological Data Center after the completion of the cruise leg.

Positions are interpolated on the basis of sample time by comparison to a single, edited navigation file. Samples beginning at one time and position and ending at another are entered on two consecutive cards. Disposition and sample type are represented by three and four character codes to permit future computer searches on these parameters. (Listings defining these codes are available from the Geological Data Center.)

NOTE: This document is intended primarily for informal use within the institution and is not to be reproduced or distributed outside Scripps without prior approval of the Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093.

* Only underway geophysical records are included in the Sample Index for this expedition.

NUMBER OF SAMPLES OF CLASS 'TYPE' GOING TO DESTINATION 'DISP'

DISP	TYPE					TOTAL
	DP	LB	MG	PE	SP	
RLF	1	6	2	2		11
SIO	1			7	1	7
TOTAL	1	6	2	2	7	18

SAMPLE 'TYPE' CODES USED ABOVE

- DP = DEPTH
- LB = LOG BOOKS
- MG = MAGNETICS (TOWED VEHICLE, SURFACE, TOTAL FIELD)
- PE = PERSONNEL IN SCIENTIFIC PARTY
- SP = SEISMIC REFLECTION PROFILE AIRGUN

SAMPLE 'DISP' CODES USED ABOVE

- RLF = ROBERT L. FISHER (EXT. 3597) SIO
- SIO = SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CAL. 92093

SMT D /M /Y	LOC LOC	CODE	SAMPLE IDENT.	CODE	LAT.	LONG.	LEG-SHIP
IME DATE	TIME TZ	SAMP		DISP			CRUISE

QUEBRADA SAMPLE INDEX

QUEBOIWT

*** PORTS ***

354	06/11/69		LGPT B SAN DIEGO, CAL		32 43. N	117 11. W	F QUEBOIWT
320	1/12/69		LGPT E ACAPULCO, MEXICO		16 51. N	99 56. W	F QUEBOIWT

PERSONNEL

** NAME **	*** TITLE ***	*** AFFILIATION ***
1 FISHER, R. L.	CHIEF SCIENTIST	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92
2 MANN, R. T.		SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92
3 COATSWORTH, J. L.	RESIDENT TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92
4 DONOVAN, J. T.		SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92
5 ROWE, R. A.		SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92
6 MOURE, J. M.	COMPUTER TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92
7 BUTLER, C. M.		SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92

NOTES AN 'X' IN THE (B)EGIN/(E)ND COLUMN FOLLOWING THE SAMPLE CODE INDICATES NO SAMPLE OR DATA RECOVERED .
A 'C' INDICATES CONTINUATION OF DATA COLLECTION FROM BEFORE THE BEGINNING OR AFTER THE END OF THIS LEG. (MOORED BOTTOM INSTRUMENTS, FOR EXAMPLE).
THE NUMBER APPEARING IN THE COLUMNS BETWEEN THE SAMPLE IDENTIFIER AND THE DISPOSITION CODE, FOR MANY SAMPLE ENTRIES, IS THE WATER DEPTH IN CORRECTED METERS.

GMT D /M /Y TIME DATE	LOC LOC TIME TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
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UNDERWAY DATA CURATOR - STUART M. SMITH (EXT.2752)

*** LOG BOOKS ***

2300	7/11/69	LBWU B	UNDERWAY LOG BOOK 1	RLF 28	24.3N	115 58.5W	S QUEB01WT
1500	21/11/69	LBWU E	UNDERWAY LOG BOOK 1	RLF 01	25.0N	101 15.7W	S QUEB01WT
1505	21/11/69	LBWU B	UNDERWAY LOG BOOK 2	RLF 01	24.6N	101 16.5W	S QUEB01WT
1813	1/12/69	LBWU E	UNDERWAY LOG BOOK 2	RLF 16	28.4N	99 54.4W	S QUEB01WT

*** FATHOGRAMS ***

2100	7/11/69	DPRT B	GDR 12 KHZ R-01	RLF 28	48.4N	116 06.0W	S QUEB01WT
0434	10/11/69	DPRT E	GDR 12 KHZ R-01	RLF 18	06.3N	113 38.0W	S QUEB01WT
0440	10/11/69	DPRT B	GDR 12 KHZ R-02	RLF 18	05.2N	113 37.8W	S QUEB01WT
2320	10/11/69	DPRT E	GDR 12 KHZ R-02	RLF 14	39.9N	113 11.5W	S QUEB01WT
0000	11/11/69	DPRT B	PDR 12 KHZ R-01	RLF 14	32.6N	113 10.3W	S QUEB01WT
0633	13/11/69	DPRT E	PDR 12 KHZ R-01	RLF 12	56.5N	110 22.2W	S QUEB01WT
0709	13/11/69	DPRT B	PDR 12 KHZ R-02	RLF 12	56.6N	110 22.2W	S QUEB01WT
1354	20/11/69	DPRT E	PDR 12 KHZ R-02	RLF 03	35.2N	101 02.8W	S QUEB01WT
1403	20/11/69	DPRT B	PDR 12 KHZ R-03	RLF 03	33.4N	101 02.8W	S QUEB01WT
0500	27/11/69	DPRT E	PDR 12 KHZ R-03	RLF 02	16.8S	100 34.1W	S QUEB01WT
0515	27/11/69	DPRT B	PDR 12 KHZ R-04	RLF 02	16.4S	100 33.2W	S QUEB01WT
1751	1/12/69	DPRT E	PDR 12 KHZ R-04	RLF 16	28.4N	99 54.4W	S QUEB01WT

*** SEISMIC REFLECTION PROFILES ***

1800	9/11/69	SPRS B	AIRGUN 10SEC R-01	RLF 19	54.1N	113 58.0W	S QUEB01WT
1750	1/12/69	SPRS E	AIRGUN 10SEC R-01	RLF 16	28.4N	99 54.4W	S QUEB01WT

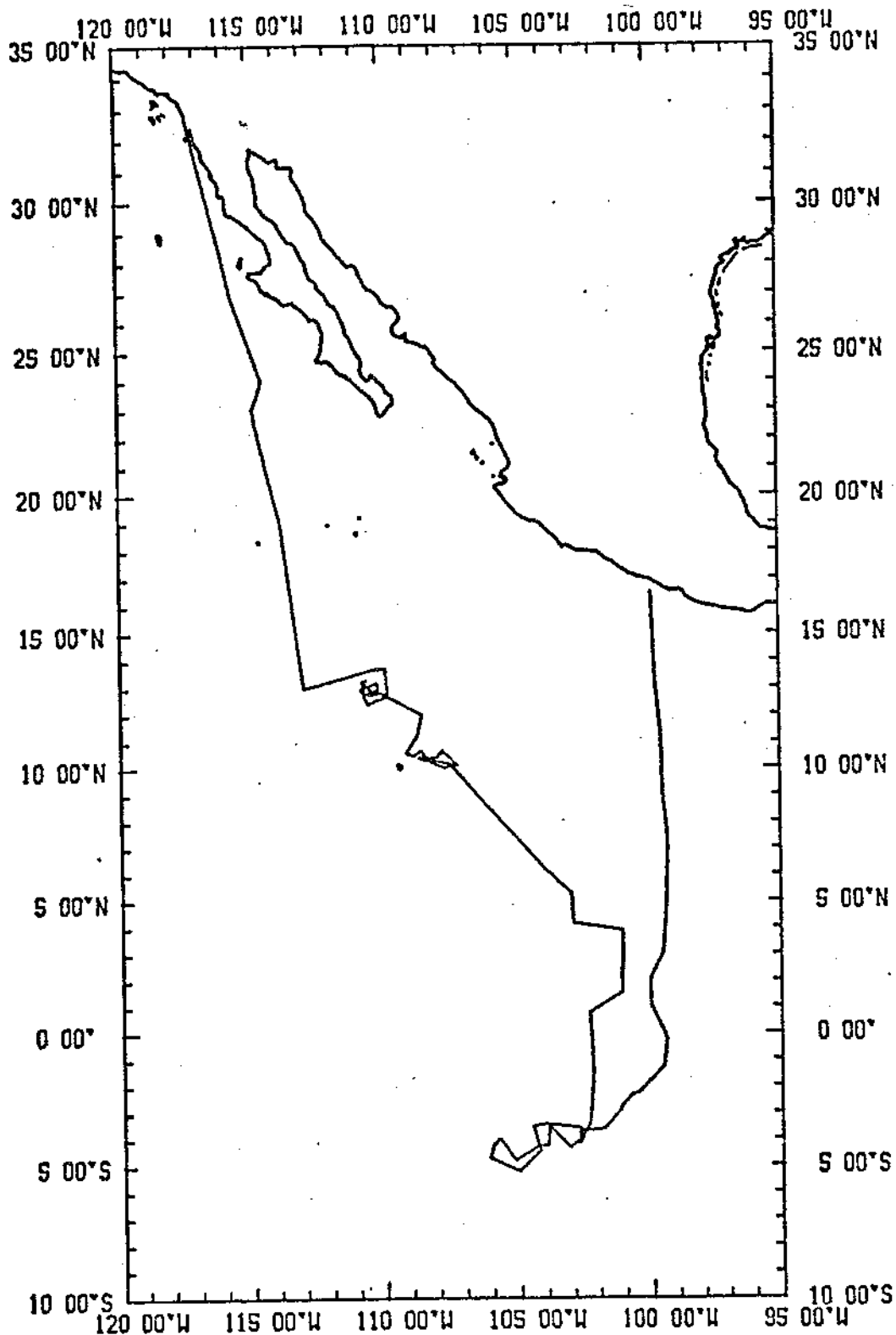
*** MAGNETOMETER ***

1840	07/11/69	MGRA B	MAGNETICS R-01	RLF 29	14.4N	116 16.6W	F QUEB01WT
0558	13/11/69	MGRA E	MAGNETICS R-01	RLF 12	55.3N	110 23.2W	F QUEB01WT
0600	13/11/69	MGRA B	MAGNETICS R-02	RLF 12	56.0N	110 22.5W	F QUEB01WT
1450	25/11/69	MGRA E	MAGNETICS R-02	RLF 03	48.0S	102 41.6W	F QUEB01WT

END SAMPLE INDEX



QUEBO1WT



QUEBRADA EXPEDITION
LEG 01

Chief Scientist: R. L. Fisher (SIO)
Ports: San Diego, Calif. to Acapulco, Mexico
Dates: 7 November - 1 December 1969
Ship: R/V T. Washington

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

- 1) Cruise - 5627 miles
- 2) Bathymetry - 5287 miles

316

CRUISE ID	COMMENT	G.M.T.		LOCAL		TIME ZONE
		DATE	TIME	DATE	TIME	
		DD/MM/YY	HHMM	DD/MM/YY	HHMM	
QUEB01WT	BEGIN	06/11/69	2354 Z			
	END	01/12/69	1820 Z			

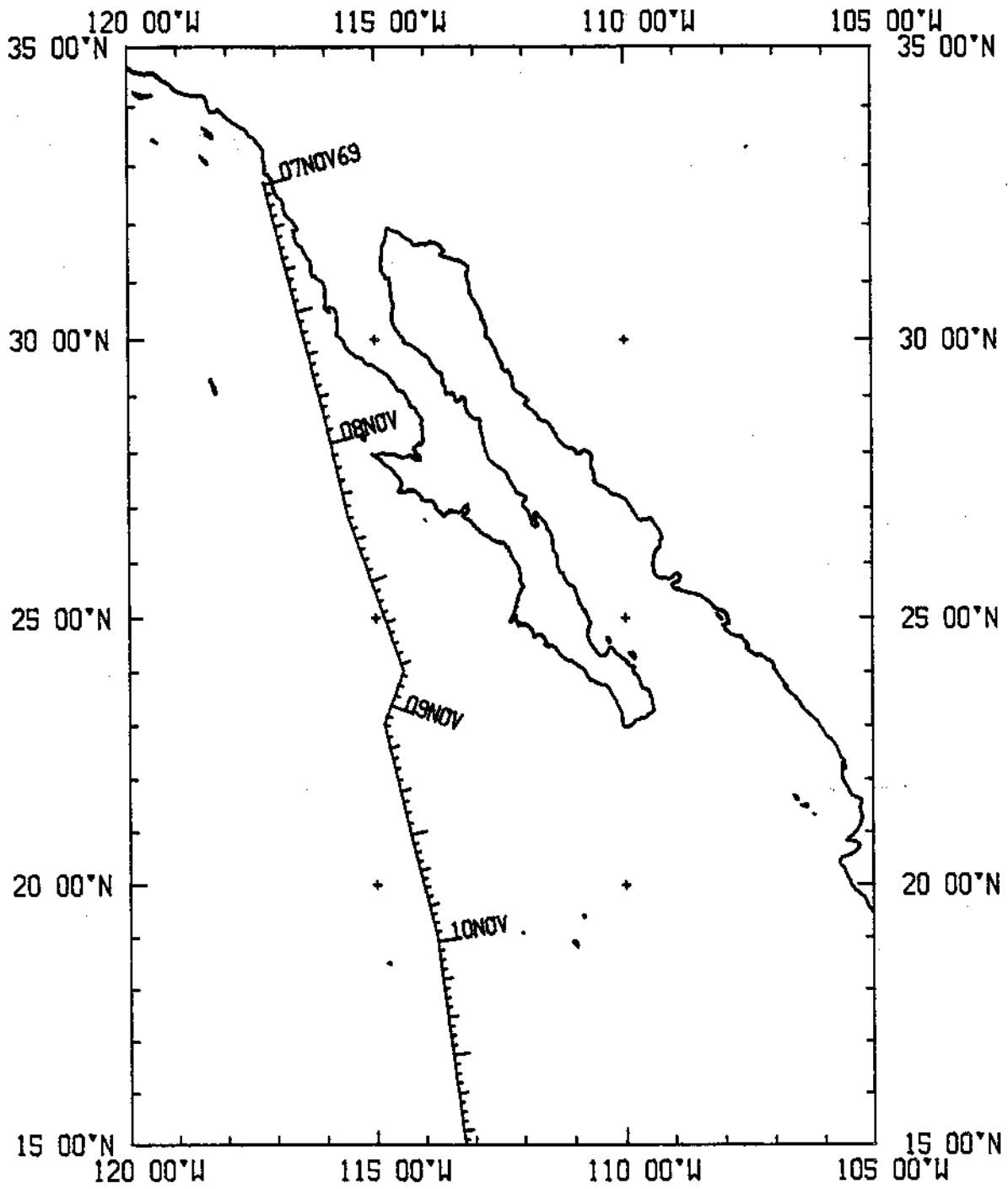
LISTING OF MGD77 EXCHANGE FORMAT HEADER:

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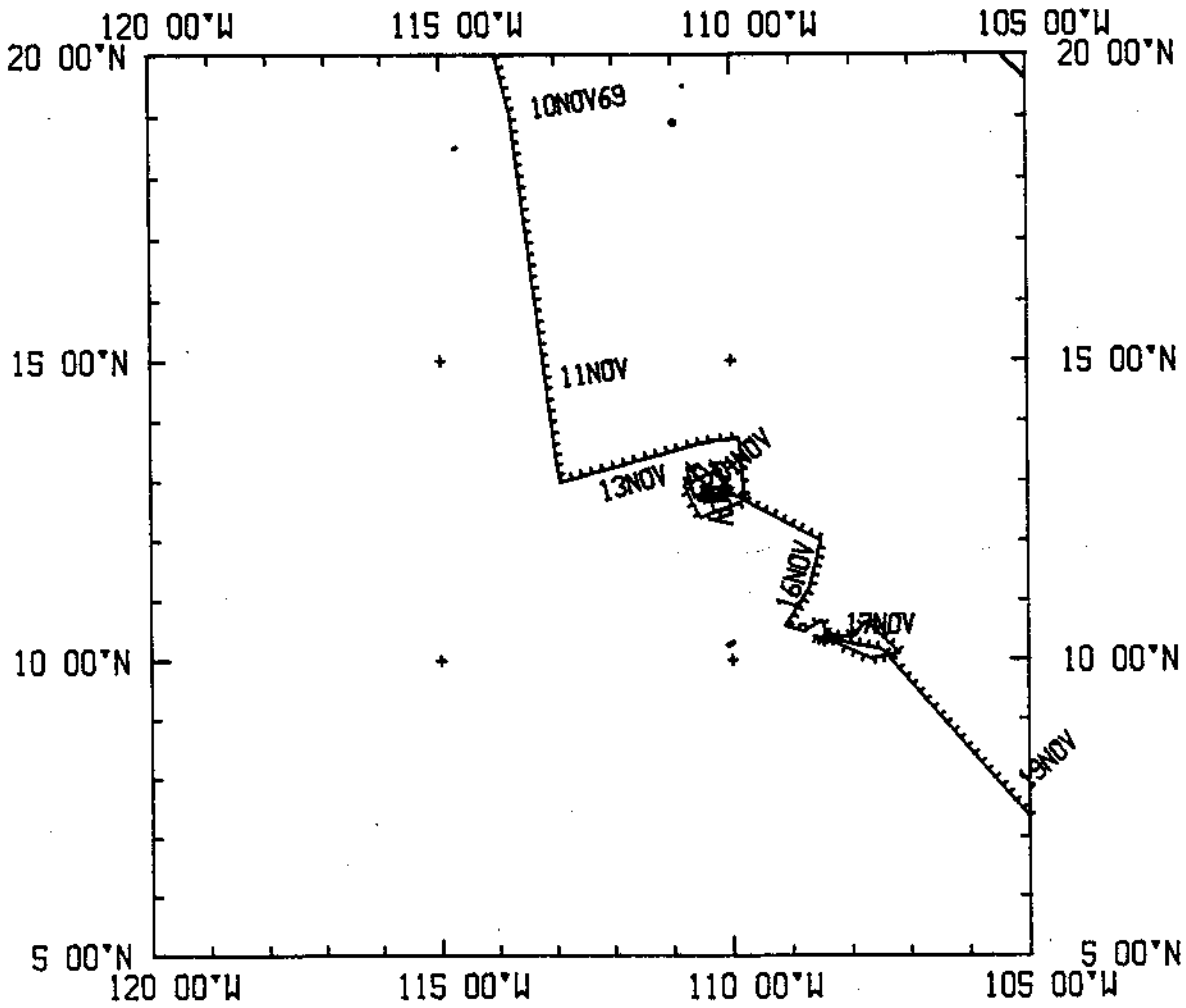
1QUEB01WTMGD77	102955113810616	SCRIPPS INSTITUTION OF OCEANOGRAPHY	01
USA	R/V THOMAS WASHINGTON	SHIP FISHER R.L.	02
QUEBRADA LEG 1			03
691107SAN DIEGO,CALIFORNIA	691201ACAPULCO,MEXICO		04
SATNAV,AUTOLOG GYRO + EMLOG	LINEAR INTERP.BETWEEN ADJACENT FIXES		05
12KHZ/PDR RECORDER/WIDE (60DEG) BEAM	ANAL.RECORDS,CARDS,35MMFILM		06
VARIAN MFD PROTON PRECESSION MOD 4970	ANAL.RECORDS,CARDS		07
			08
40CU.IN.AIRGUN,10-300HZ,PDR MK 10 REC.	ANAL.RECORDS,35MM MICROFILM		09
A(I1,A8,F5.2,4I2,F5.3,F8.5,F9.5,I1,F6.4,F6.1,I2,I1,3F6.1,I1,F5.1,F6.0,F7.1,			10
F6.1,F5.1,A8,4I1)			11
030ISECONDSWEEP14630003 MINUTE INTERVAL			12
050069999999999903IGRF 1965	LIN.INTERP.AT 30DEG C/C OR 500MI ALONG TRACK		13
			14
			15
			16
			17
			18
			19
			20
			21
			22
			23
			24

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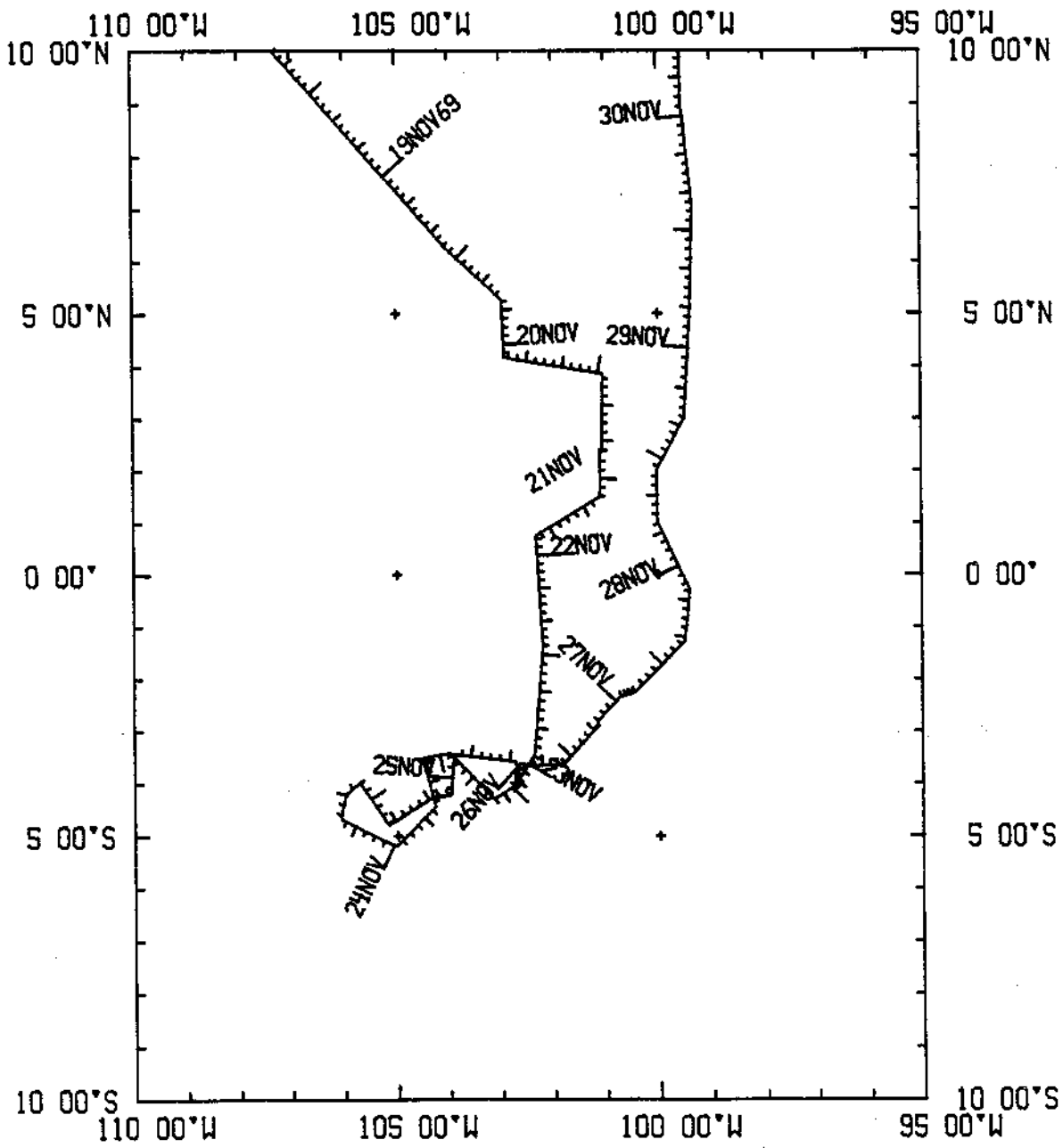
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PLOT 1 OF 4



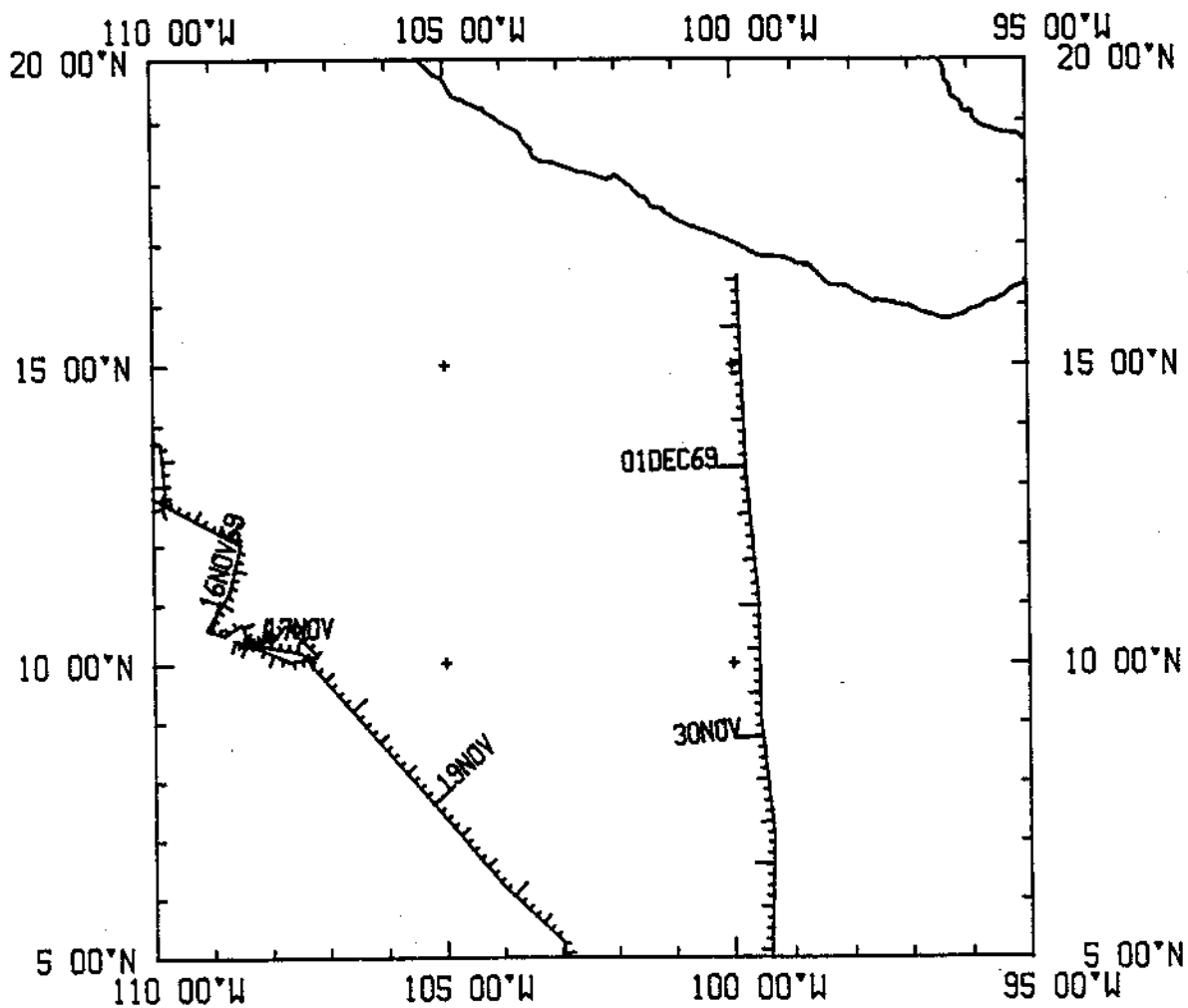
QUEBO1WT
PLOT 2 OF 4



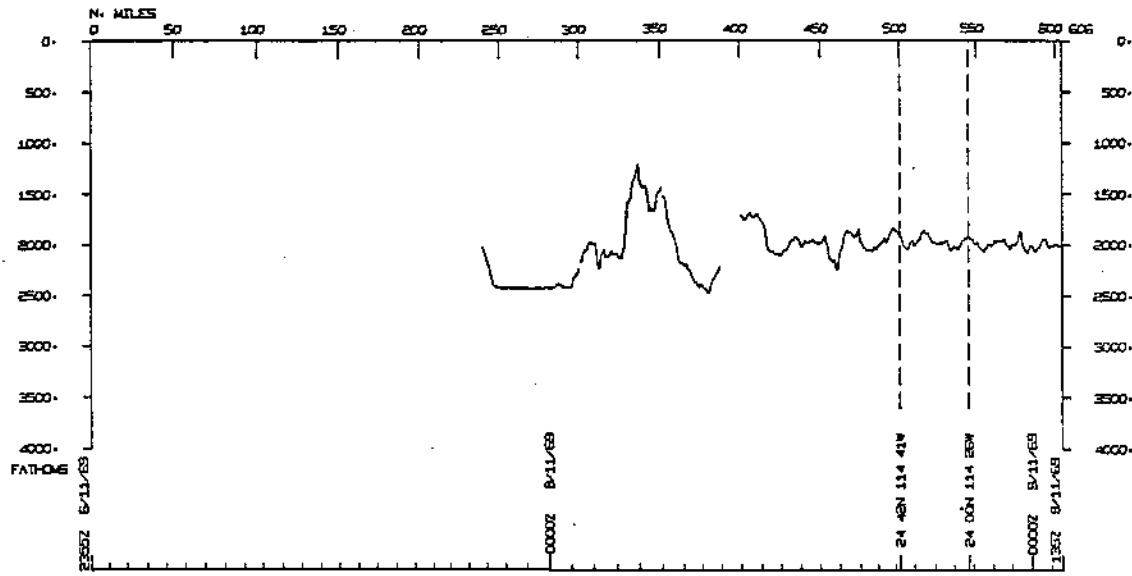
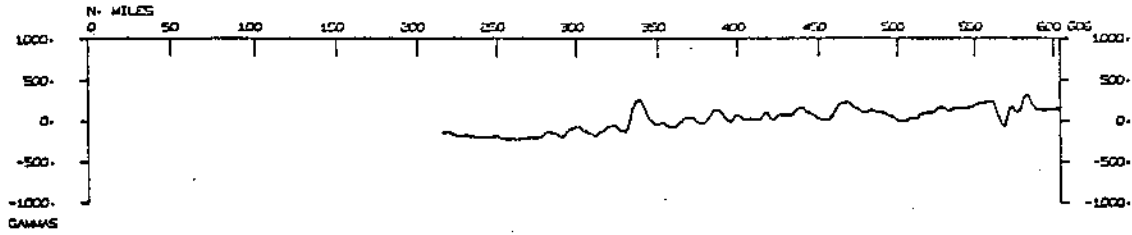
QUEBO1WT
PLOT 3 OF 4



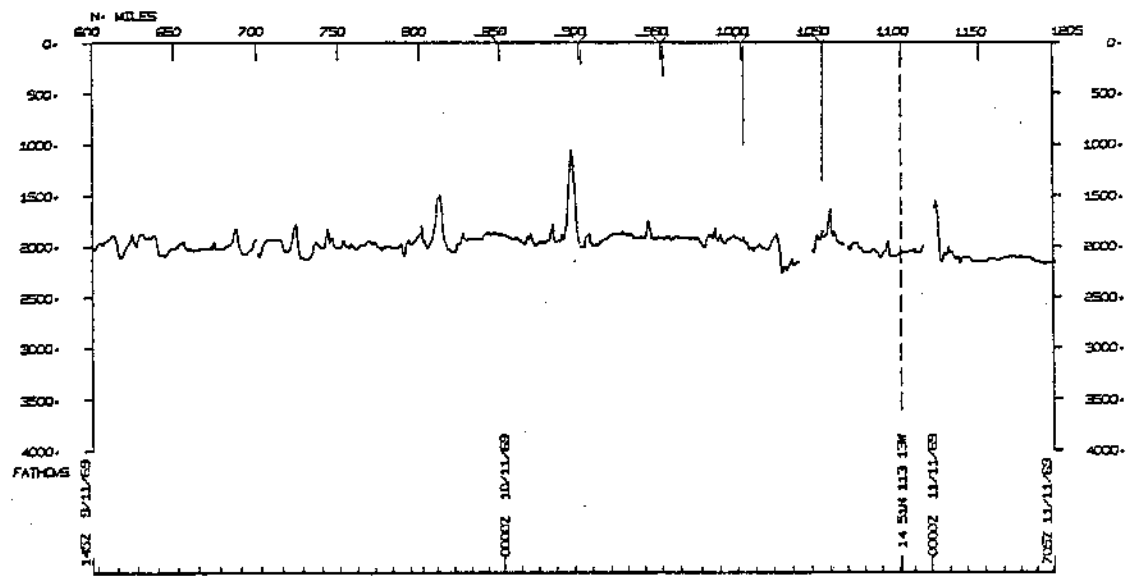
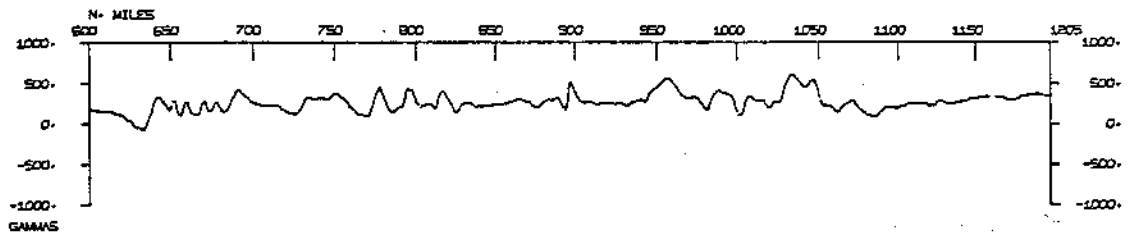
QUEB01WT
PLOT 4 OF 4



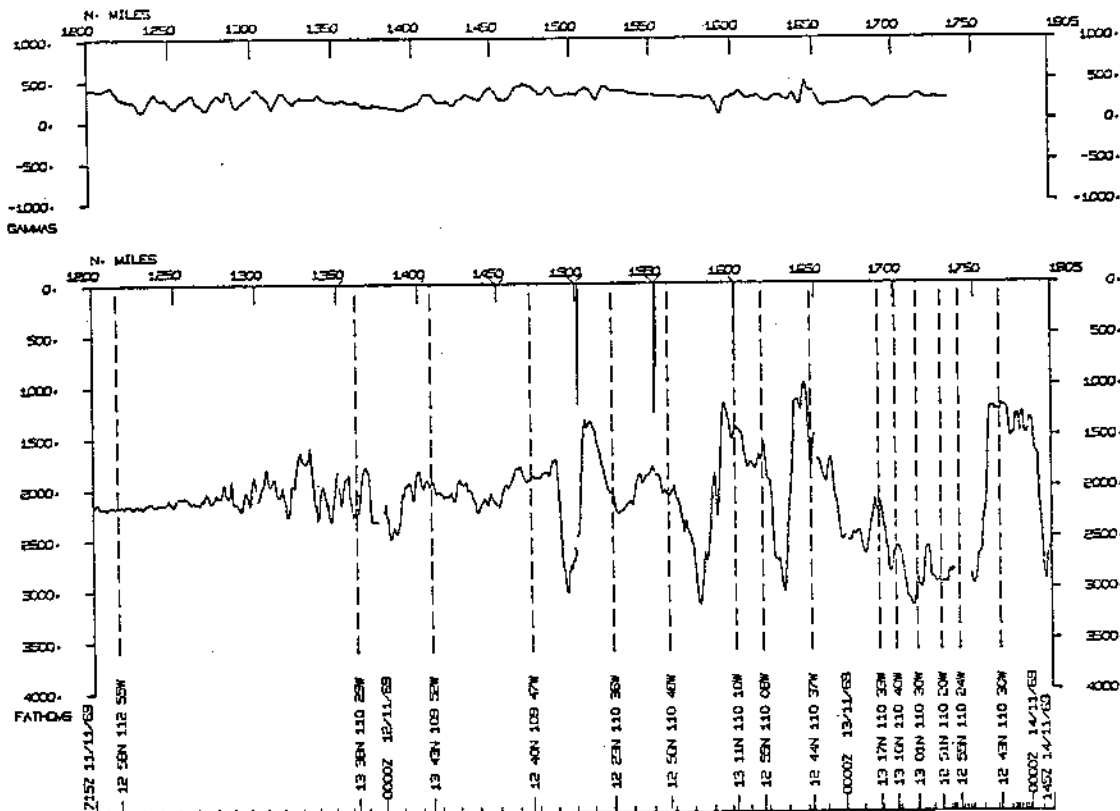
QUEBRADA LEG 01



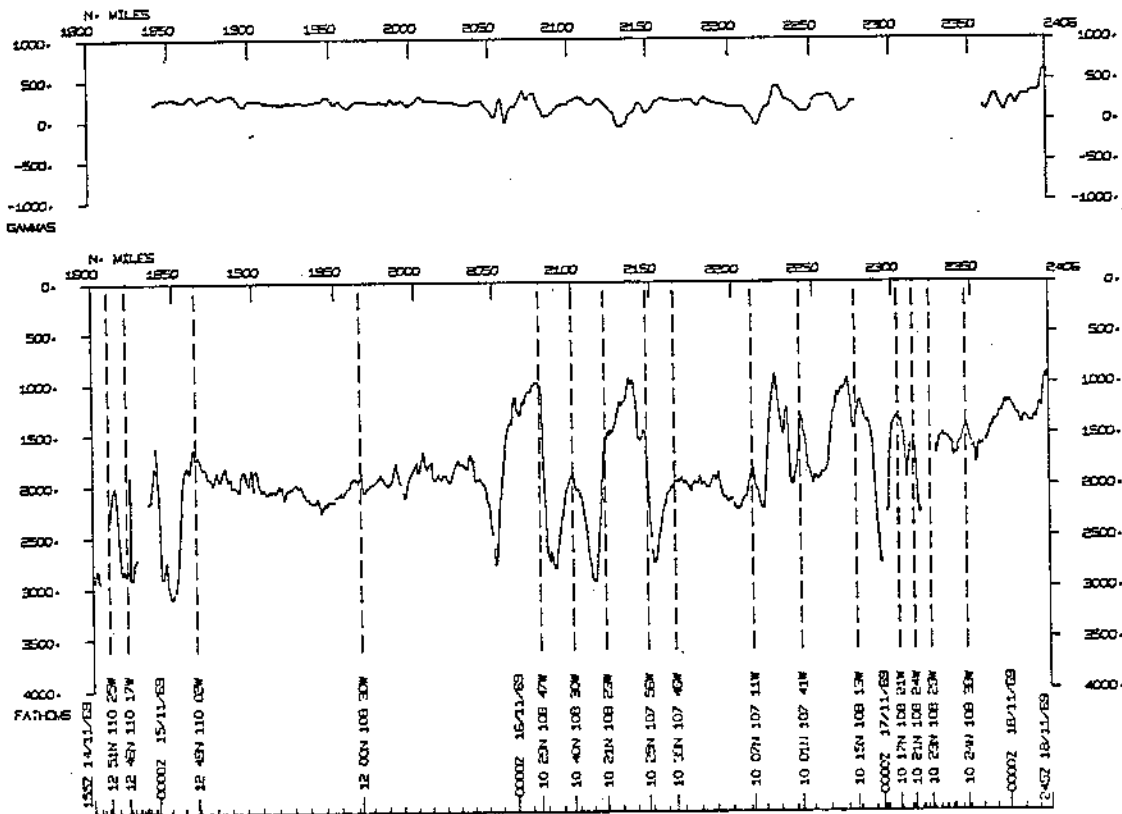
QUEBRADA LEG 01



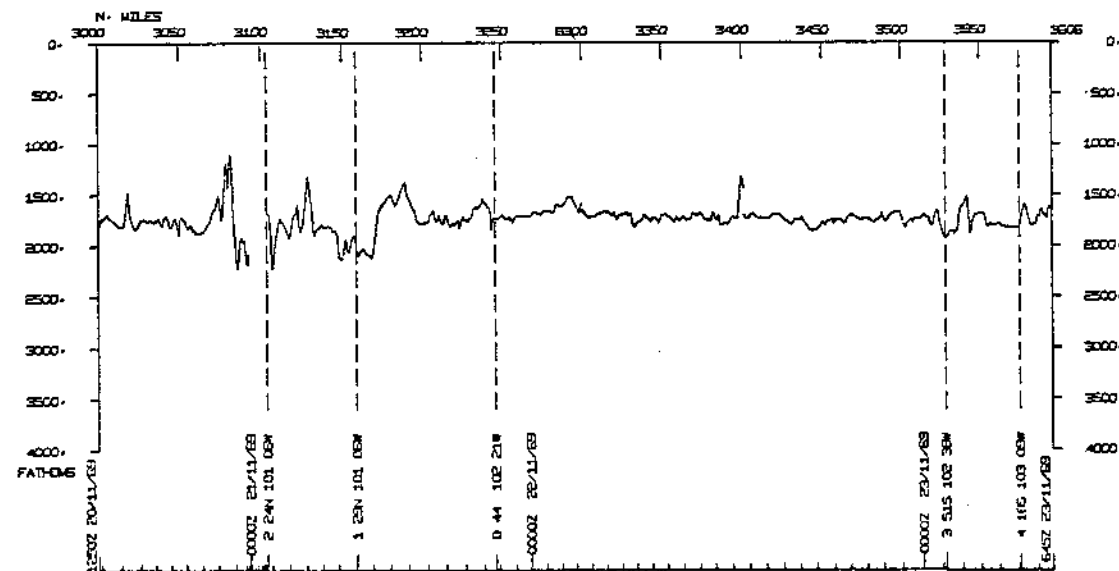
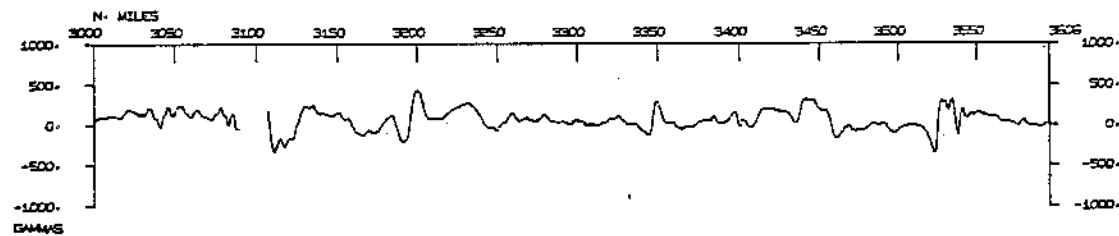
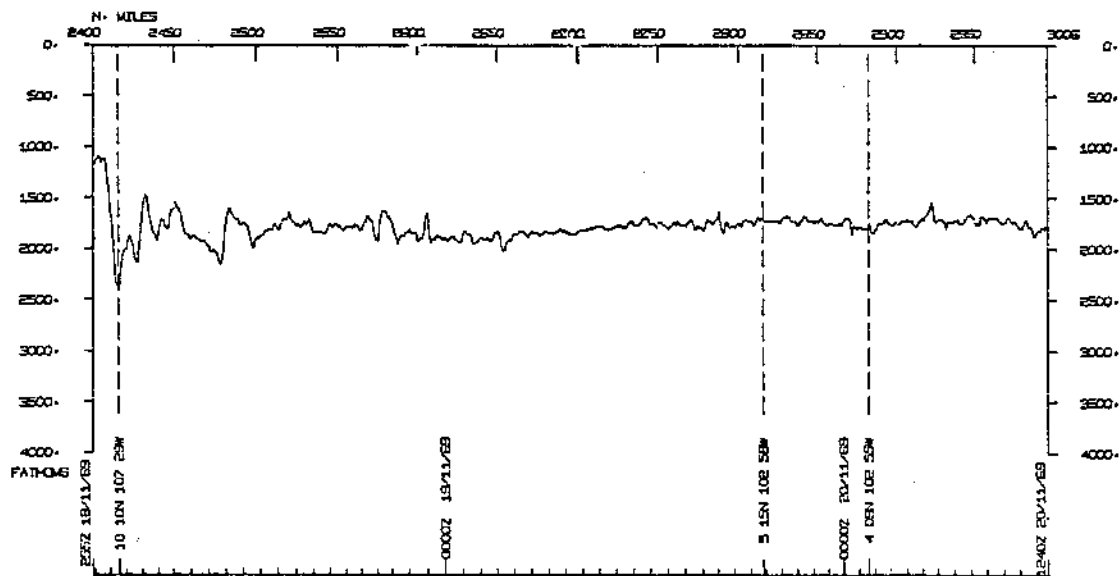
QUEBRADA LEG 01



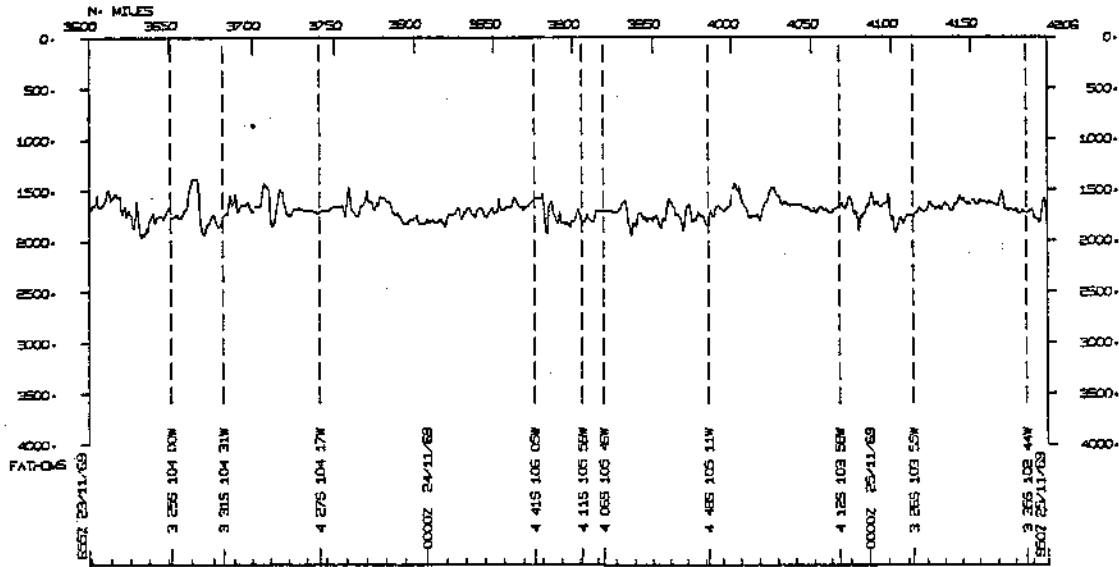
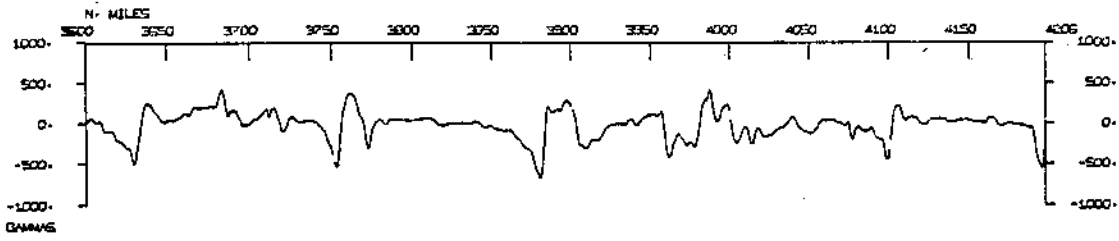
QUEBRADA LEG 01



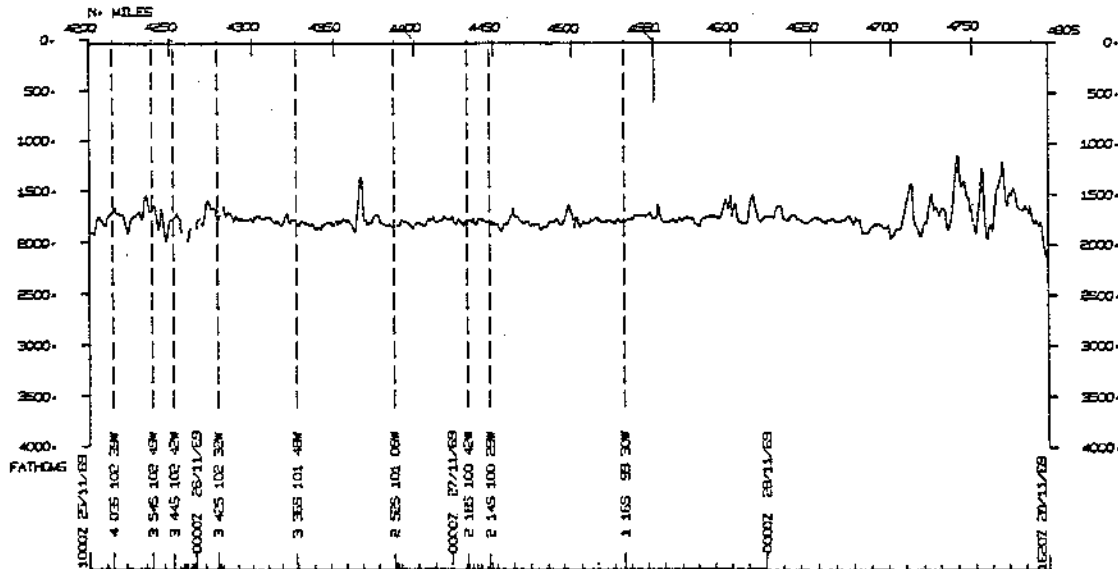
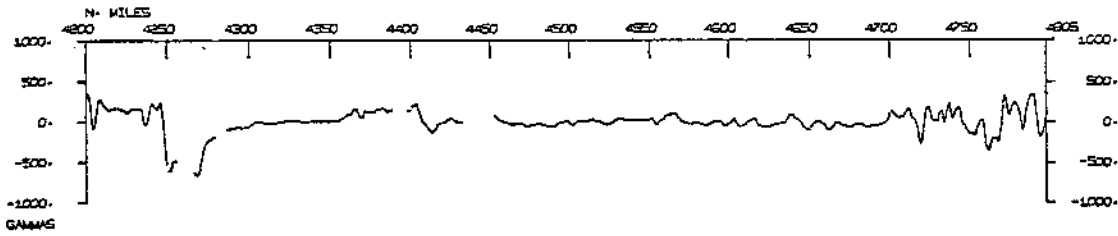
QUEBRADA LEG 01



QUEBRADA LEG 01



QUEBRADA LEG 01



QUEBRADA LEG 01

