

**REPORT AND INDEX OF
UNDERWAY MARINE GEOPHYSICAL DATA**

GLORIA EXPEDITION

LEG 4
=====

R/V Melville

(Issued March 1993)

Papeete, Tahiti (10 January 1993)
to
Papeete, Tahiti (3 February 1993)

Chief Scientist:

David Sandwell (Scripps Institution)

Resident Marine Technician - Ron Comer

Computer Technician - George Bouchard

Sea Beam/Underway Processor - Stuart M. Smith

Post-Cruise Processing and Report Preparation by the
Geological Data Center, Scripps Institution of Oceanography
La Jolla, California 92093

Data Collection and Processing Funded by:
NSF Grant Number OCE91-02183

NOTE: This is an index of underway geophysical data edited
and processed after the completion of the cruise leg and is
intended primarily for informal use within the institution.
This document is not to be reproduced or distributed outside
Scripps without prior approval of the chief scientist or the
Geological Data Center, Scripps Institution of Oceanography,
La Jolla, California 92093.

GDC Cruise I.D.# 261

INFORMAL REPORT AND INDEX OF NAVIGATION AND UNDERWAY GEOPHYSICAL DATA

Processed by the Geological Data Center
Scripps Institution of Oceanography

Contents:

Index Chart - gives track of cruise leg, dates, ports, and mileage of each type of data collected.

Track Charts - annotated with dates and hour ticks.

Profiles - depth, magnetic anomaly and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the bottom of the profile).

Sample Index - list of begin/end times and positions of all underway records as well as all other samples and measurements (geology, biology, physical oceanography, etc.) collected on the cruise leg.

NOTE: One or more of the underway data types may not be collected on a given cruise leg.

For information on the availability and reproduction costs of data in the following forms, contact S. M. Smith, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, CA 92093-0223. Phone (619)534-2752. Fax (619)534-5306. Internet Email: ssmith@ucsd.edu

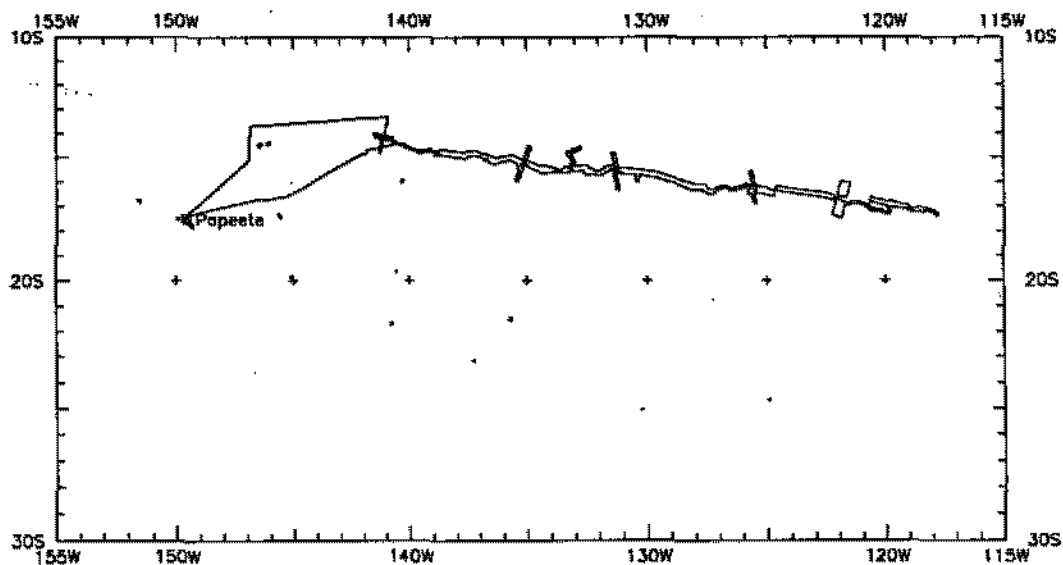
1. Files on Exabyte, DAT or 1/2 inch magnetic tape:
 - a) Separate time series ASCII files of navigation, single beam depth, gravity and magnetics.
 - b) These same data in a merged ASCII file in the MGD77 Exchange format.
 - c) SeaBeam depth data (binary, Sun byte order) in SIO Swath Bathymetry format (not available on 1/2" tape).
 - d) SeaBeam Sidescan data (not available on 1/2" tape).
2. Microfilm (35mm flowfilm) or Xerox copies of:
 - a) Underway Watch log book.
 - b) SeaBeam vertical beam profile/Sidescan records.
 - c) Echosounder records - 3.5 kHz frequency.
 - d) Magnetometer records.
 - e) Seismic reflection profiler records.
3. Navigation listing with times and positions of fixes and course and speed changes.
4. Plots:
 - a) Copies of archived 1.2"/degree scale trackplots.
 - b) Copies of archived 8"/degree scale SeaBeam depth plots.
 - c) Custom plots in Mercator projection:
 - 1) Track plots.
 - 2) SeaBeam depth contour plots.
 - 3) Depth, magnetic or gravity values printed or profiled along track.

SIO SeaBeam 2000 Data Information

The following forms are available, subject to approval of the cruise leg chief scientist:

- 1) Hardcopy of realtime contour swath records and records with vertical beam and sidescan grayscale display are available for inspection at the data center.
- 2) Microfilm (35mm flowfilm) of vertical beam/sidescan records.
- 3) Sea Beam merged tapes - Sea Beam data merged with GPS-based navigation. (Navigation is edited to the extent that DR courses and speeds are edited and poor fixes are removed after inspection of speeds and drift vectors between fix pairs. No editing is done on the basis of adjusting to overlapping Sea Beam swaths.)
- 4) Archive contour plots - 8"/degree chart scale, with contour interval nominally 50m, are generated for all transit lines. Some survey areas are plotted at appropriate scales as well. Available for inspection at data center; additional copies may be generated from plot files stored on tape.
- 5) Custom generated plots of Sea Beam swaths on Mercator projection in four colors at variable plot scales and contour intervals. There are provisions to adjust positions of individual track lines and to edit out beams (bad data or overlapping data on inside of turns).

Revised February 1992



GLORIA Leg 4 (GLOR04MV)

*

GLORIA EXPEDITION LEG 4

CHIEF SCIENTIST: David Sandwell, SIO

PORTS: Papeete - Papeete, Tahiti

DATES: 11 January - 3 February 1993

SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise - 5724 miles

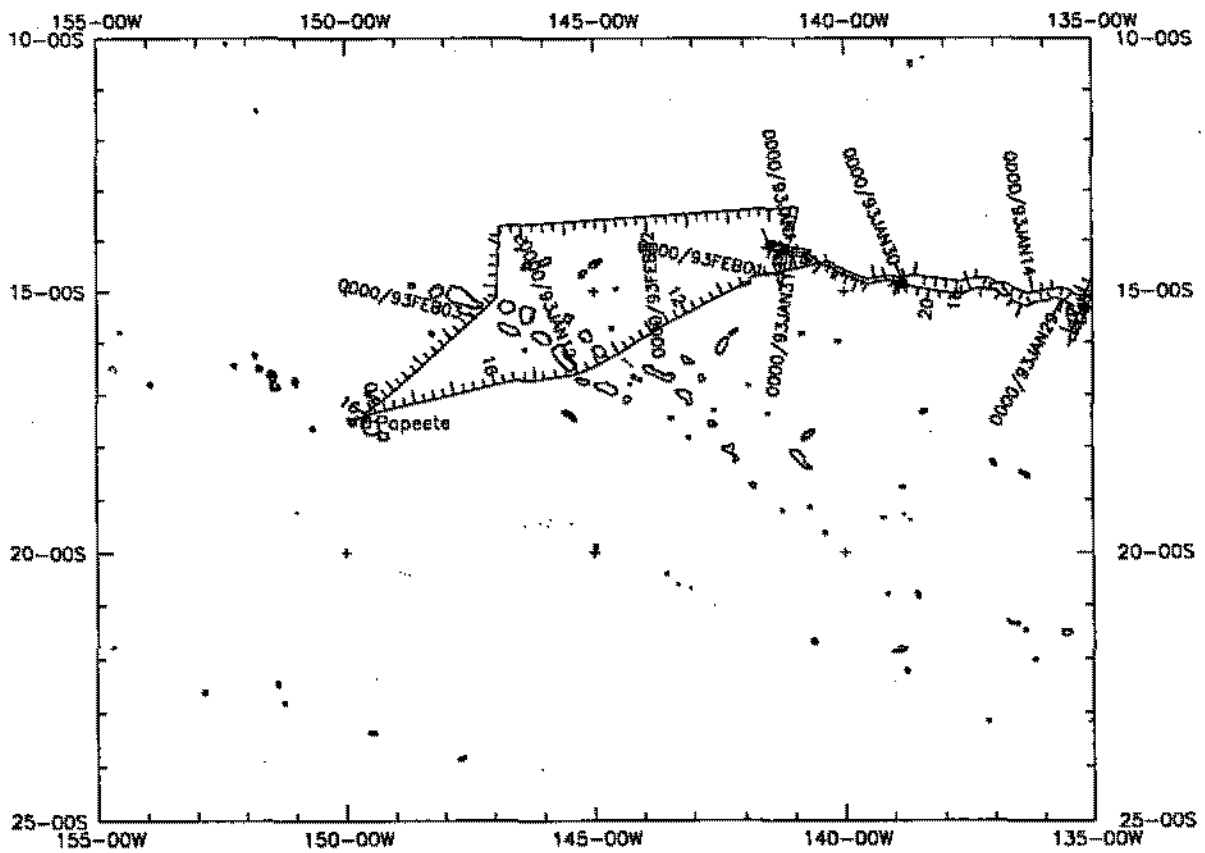
Magnetics - 4799 miles

Bathymetry - 5720 miles

Seismic Reflection - none collected

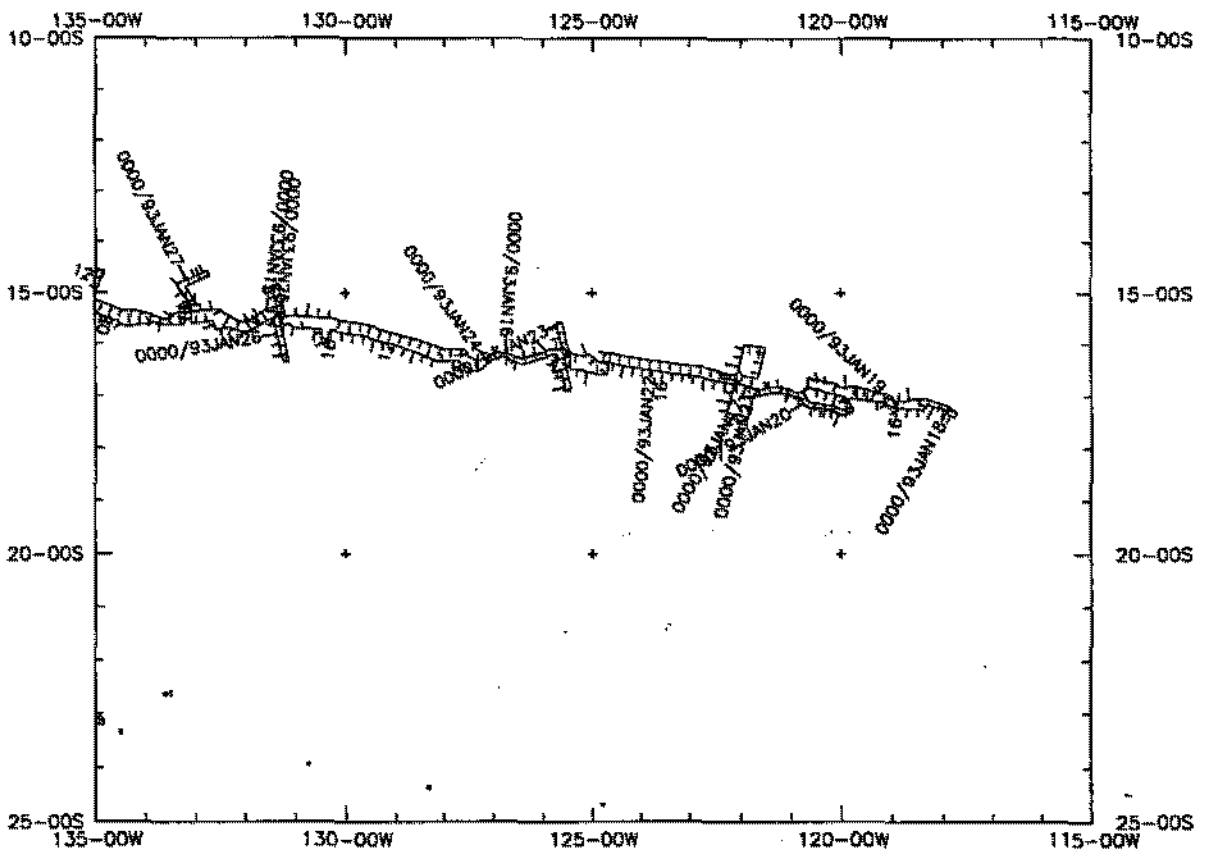
Sea Beam - 5720 miles

Gravity - 5724 miles



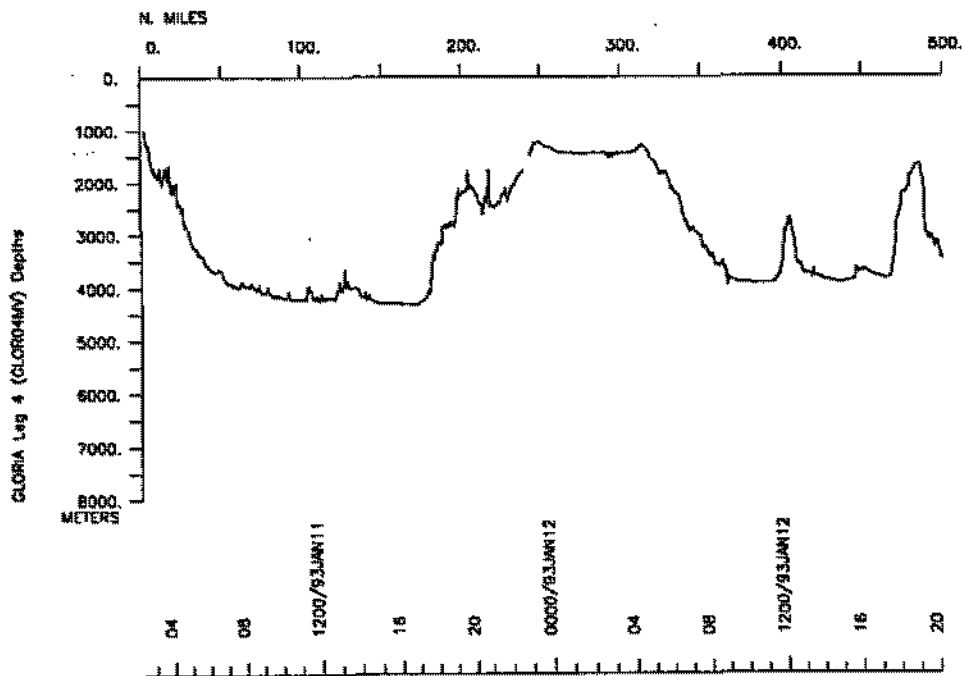
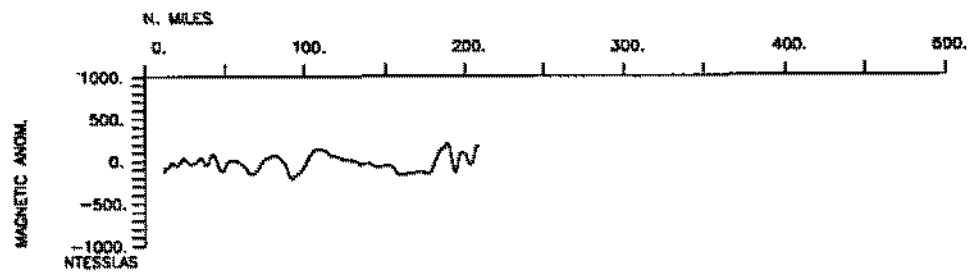
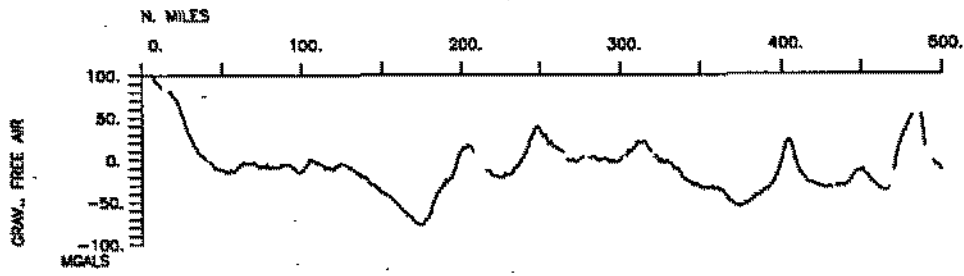
GLORIA Leg 4 (GLOR04MV) Track 1 of 2

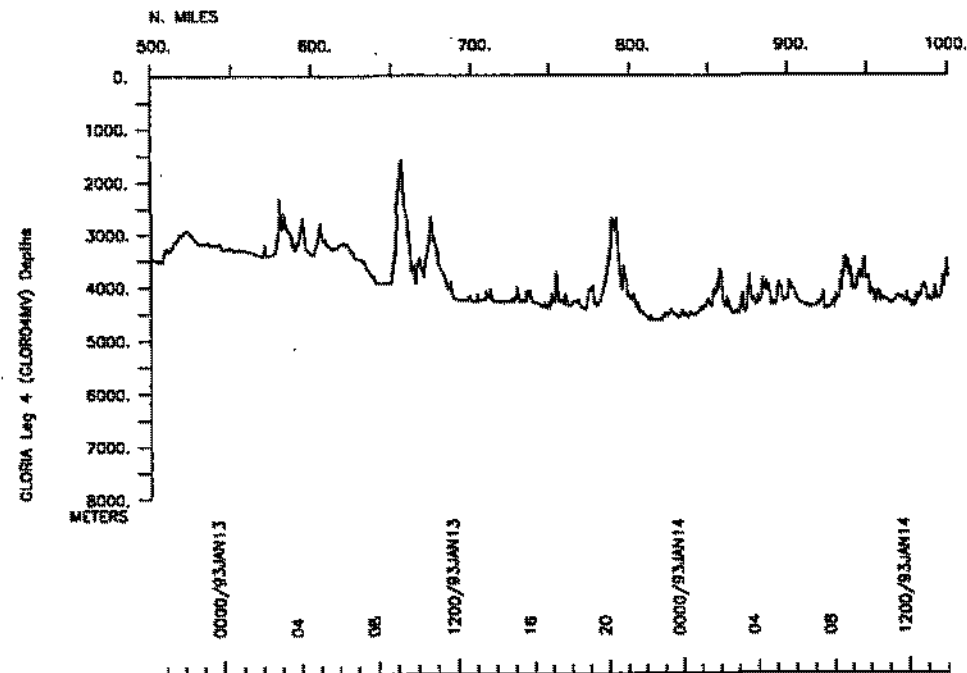
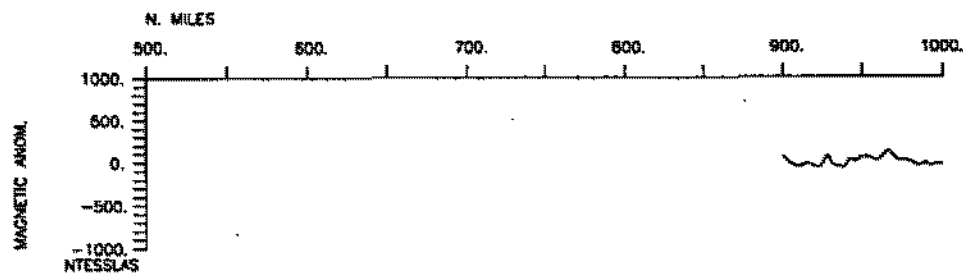
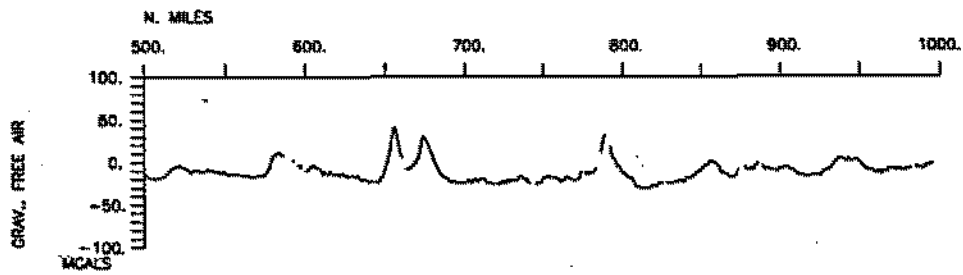
*

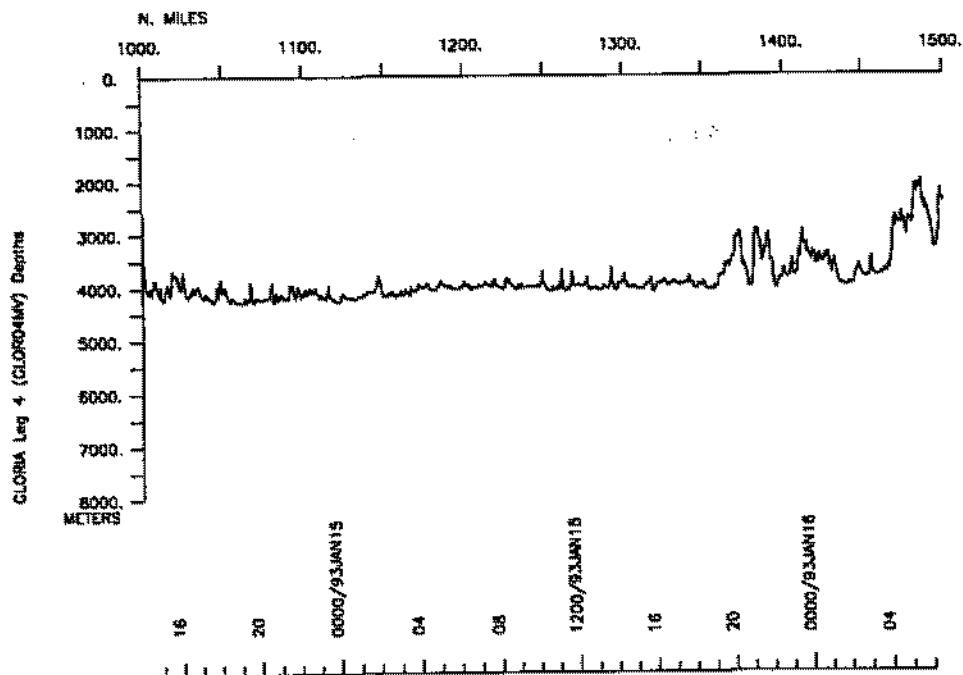
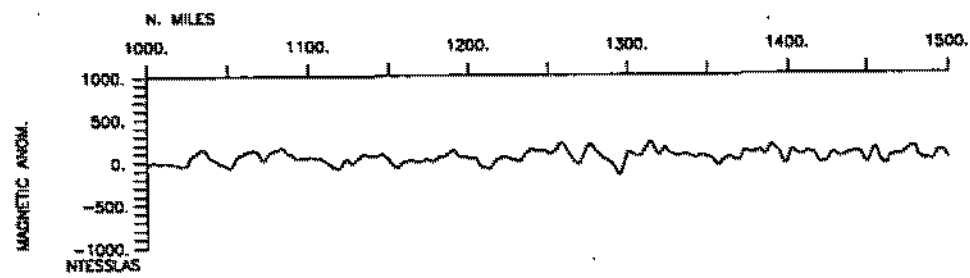


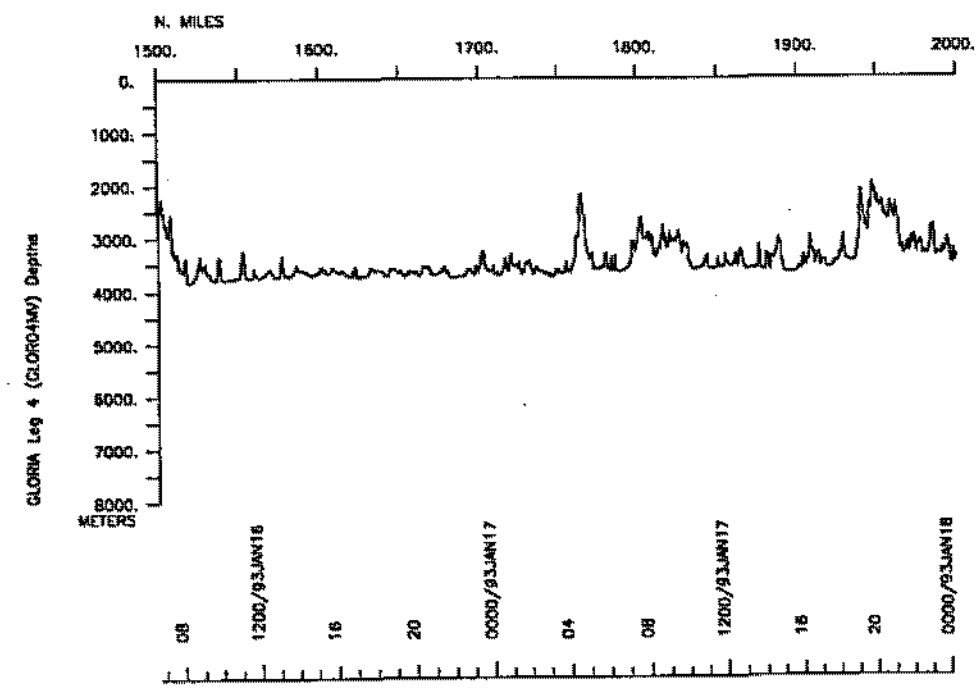
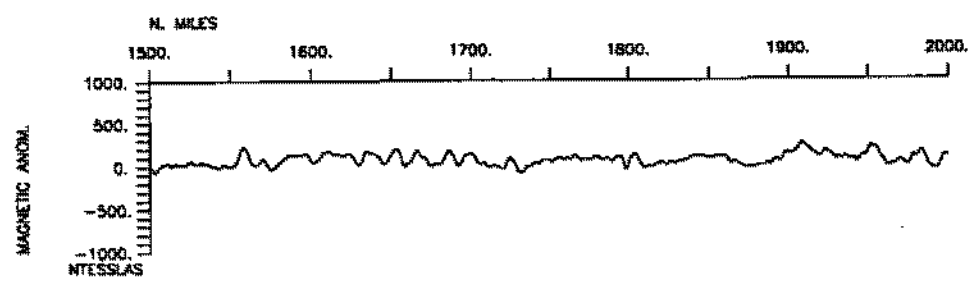
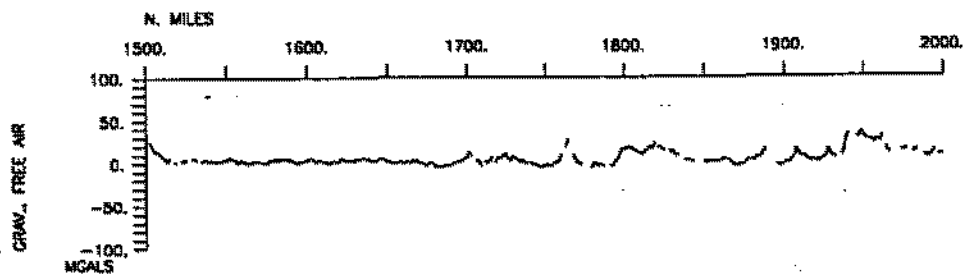
GLORIA Leg 4 (GLOR04MV) Track 2 of 2

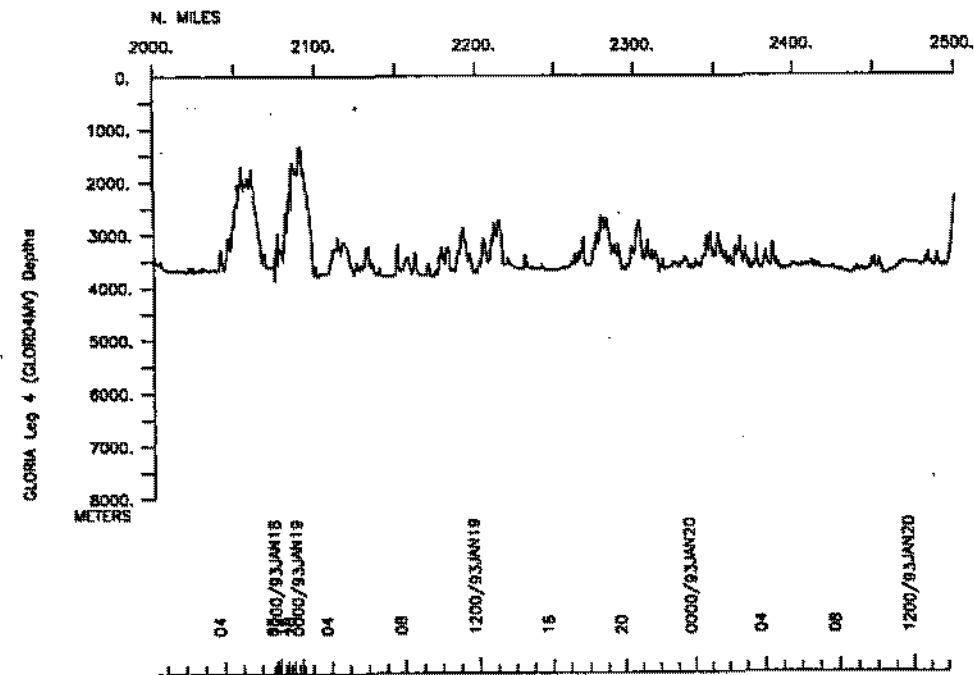
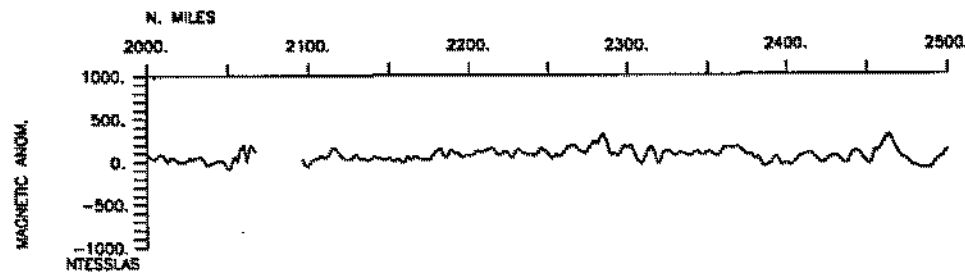
*

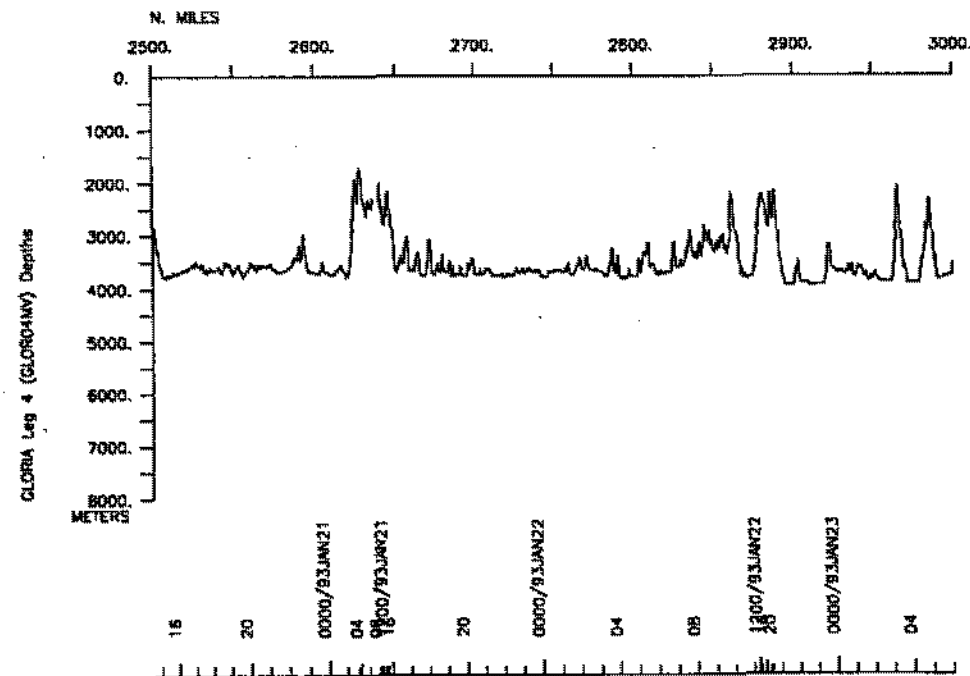
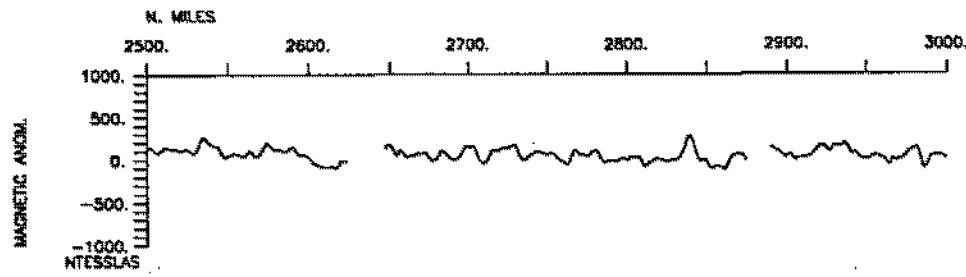


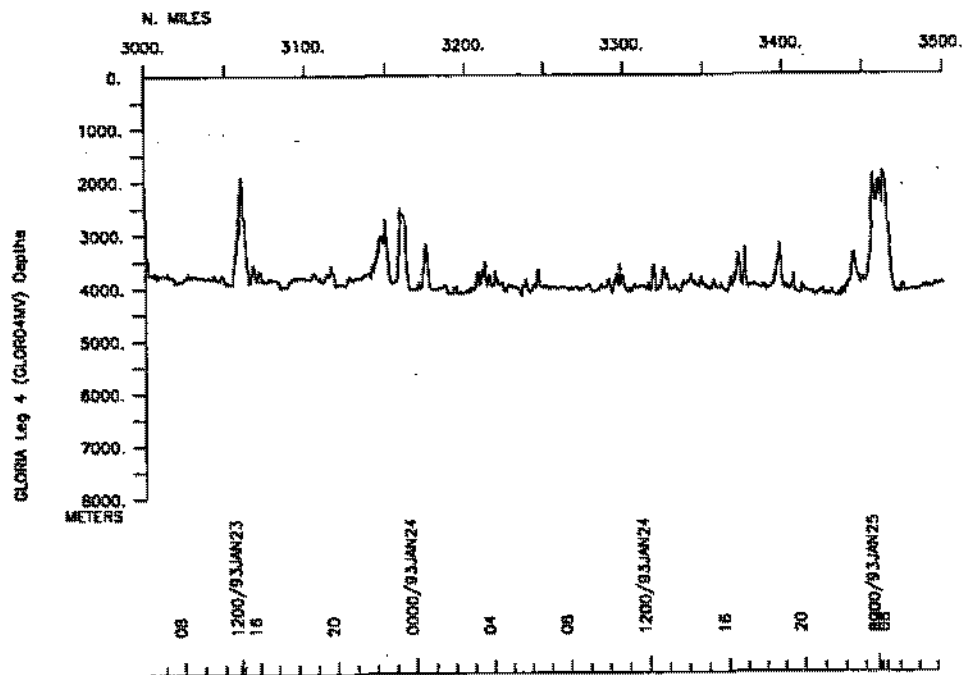
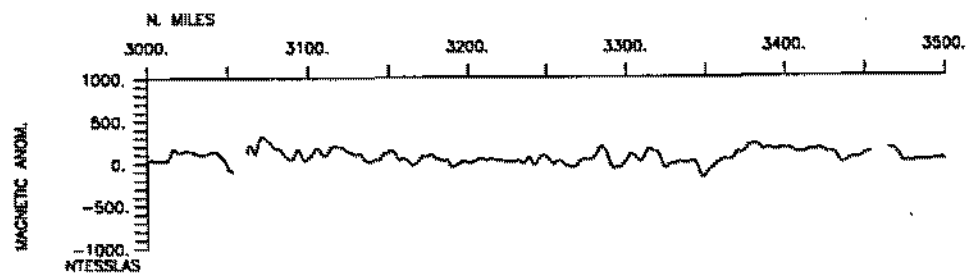
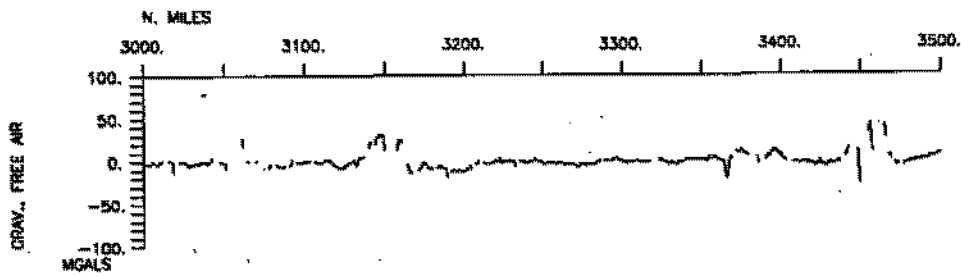


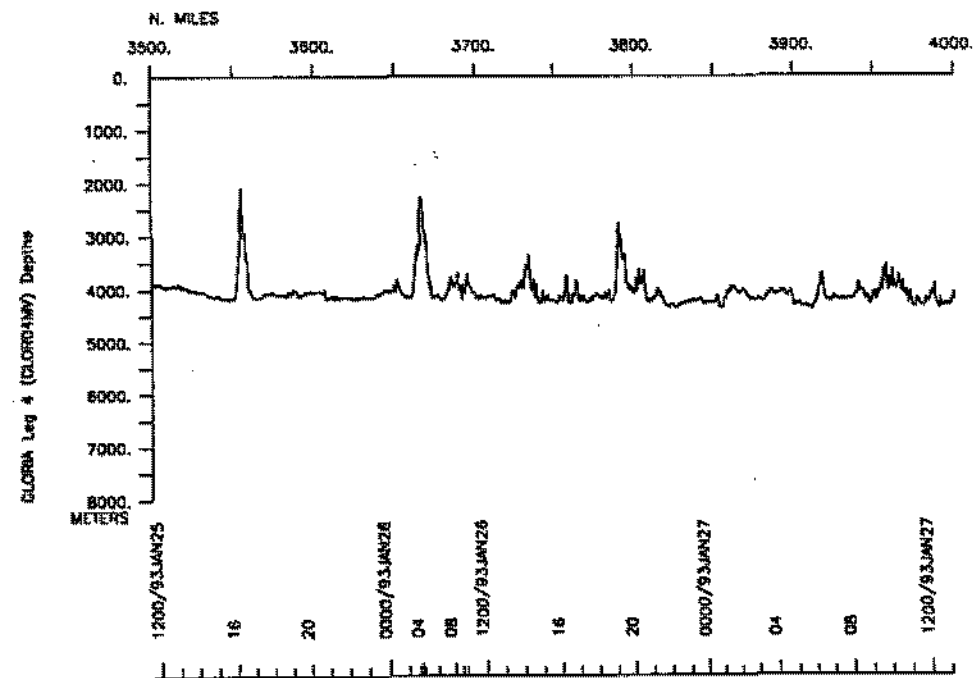
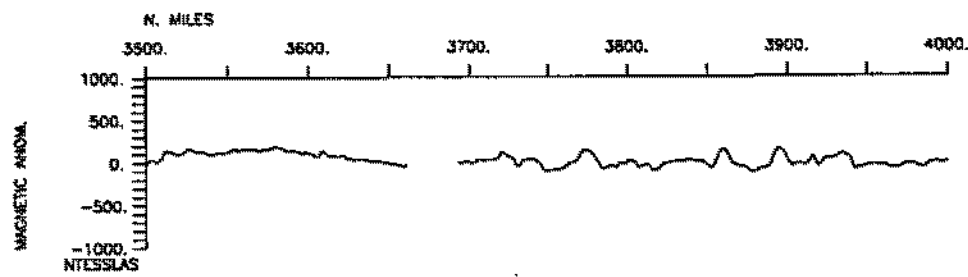
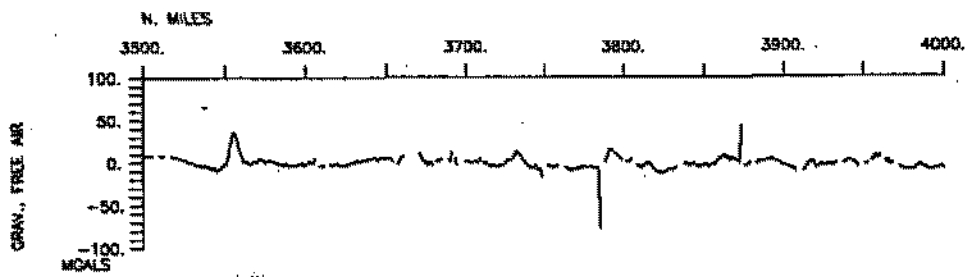


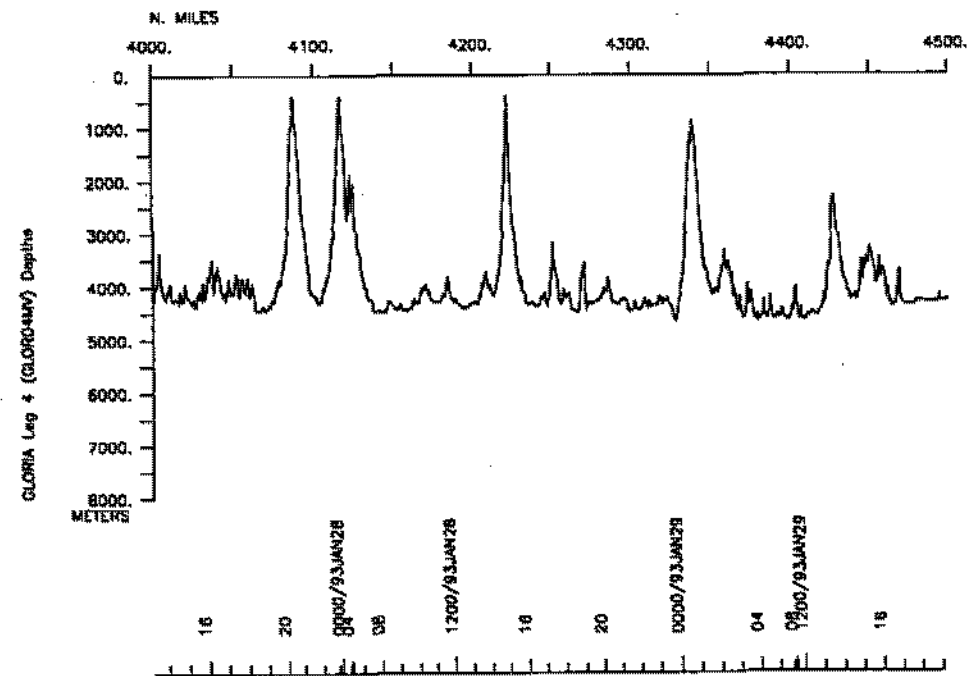
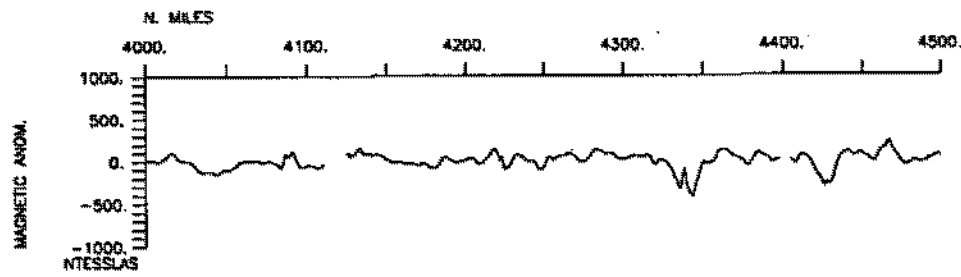
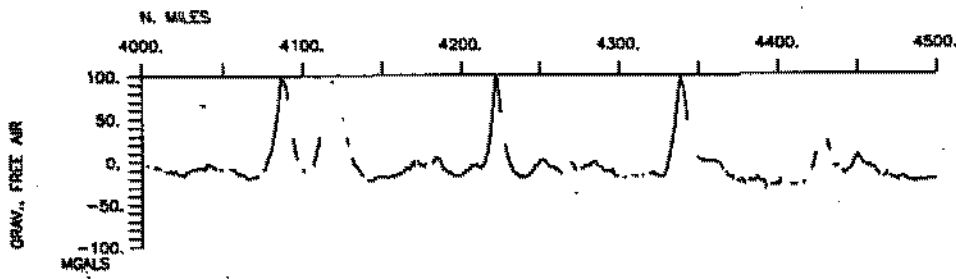


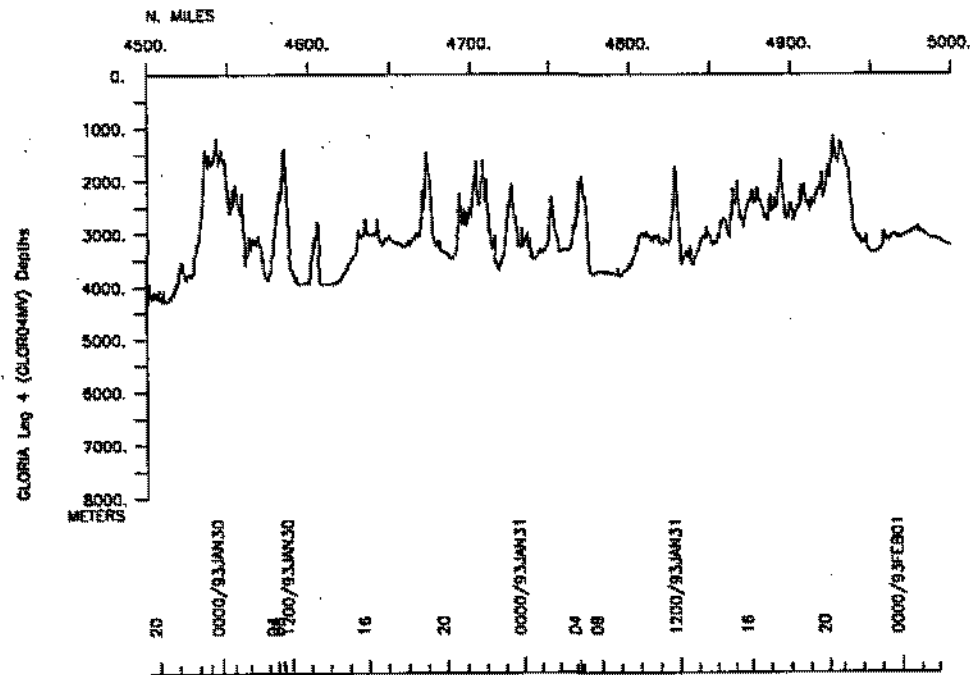
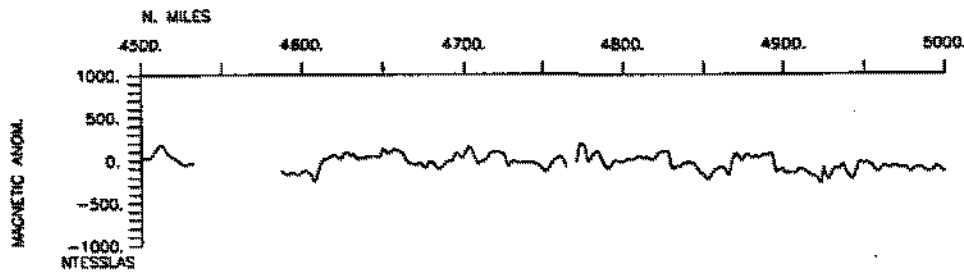
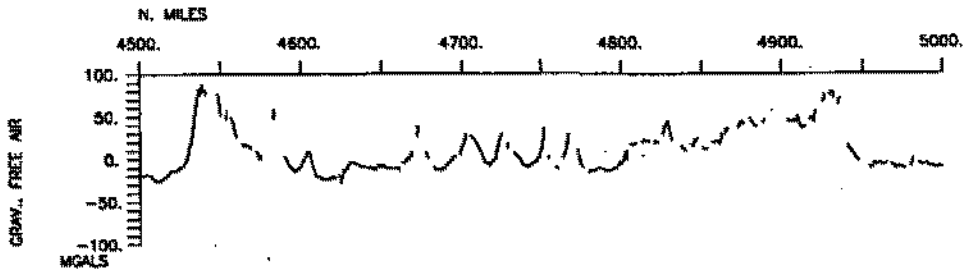


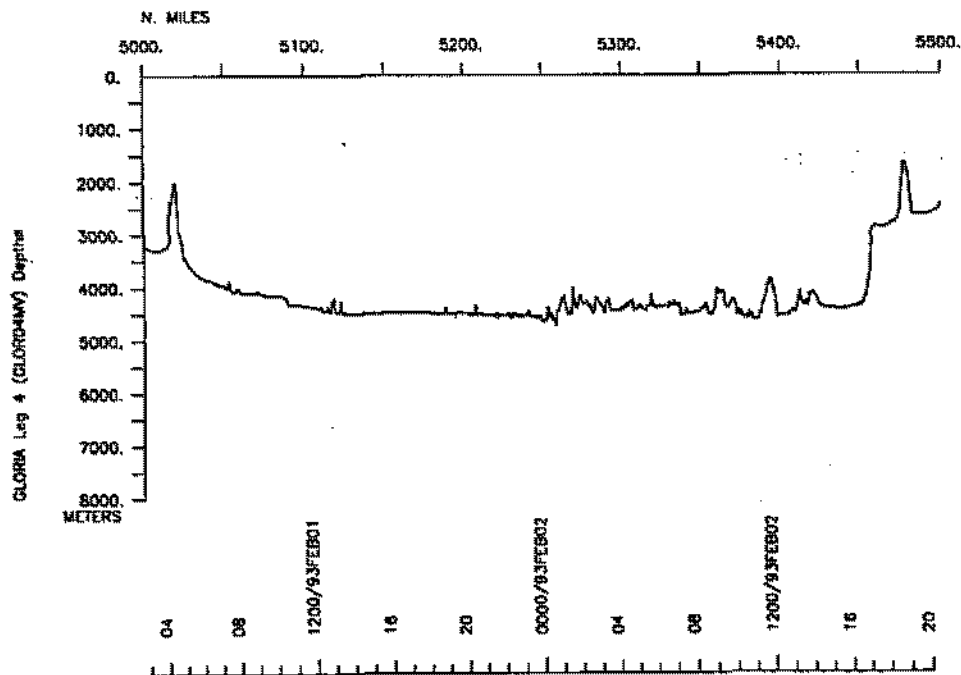
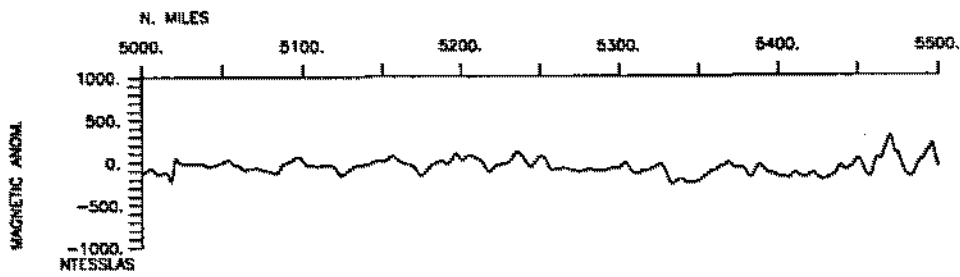
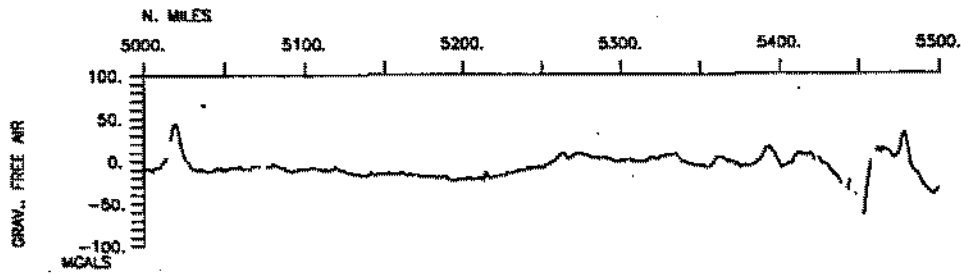


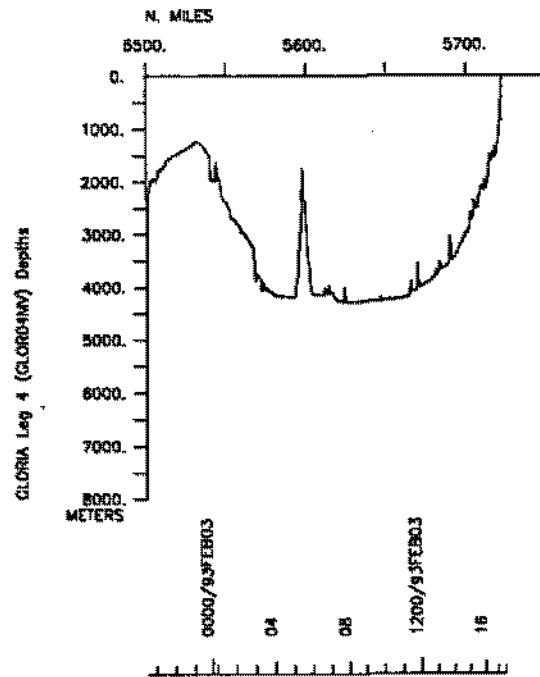
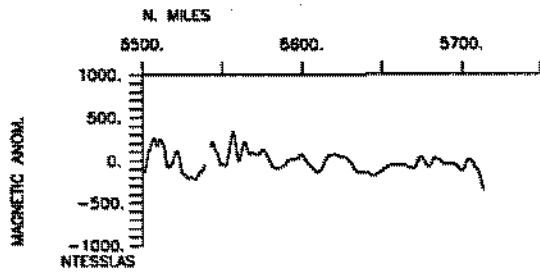
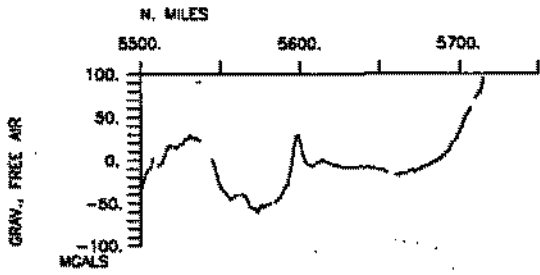












S.I.O. SAMPLE INDEX

(Issued March 1993)

GLORIA EXPEDITION

Leg 4

R/V Melville

Papeete, Tahiti (10 January 1993)
to
Papeete, Tahiti (3 February 1993)

Chief Scientist:

David Sandwell (Scripps Institution)

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 marine technician and processed on shore by the S.I.O. Geological Data Center shortly 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 lines. Disposition and sample type are represented by three and four character codes to permit further computer searches on these parameters. (Listings defining these codes are available from the Geological Data Center.)

GDC Cruise I.D.# 261

**** Ports ***

0200	110193	0	LGPT	B	Papeete, Tahiti	17-32.00S	149-34.00W	g	GLOR04MV
1800	030293	0	LGPT	B	Papeete, Tahiti	17-32.00S	149-34.00W	g	GLOR04MV

**** Personnel ***

#	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**
PECS GRD	Sandwell,D.	Chief Scientist	Scripps Institution	GLOR04MV
PESP GRD	Winterer,E.	Professor	Scripps Institution	GLOR04MV
PESP GRD	Mammerickx,J.	Geomorphologist	Scripps Institution	GLOR04MV
PERT STS	Comer,R.L.	Resident Tech	Scripps Institution	GLOR04MV
PECT STS	Bouchard,G.	Computer Tech	Scripps Institution	GLOR04MV
PEBE STS	Heckman,E.	Electronic Eng	Scripps Institution	GLOR04MV
PESP STS	Smith,S.	SB processor	Scripps Institution	GLOR04MV
PESP SIO	Colgan,C.	Public Affairs	Scripps Institution	GLOR04MV
PESP SIO	Call,W.	Photographer	Scripps Institution	GLOR04MV
PEST GRD	Lynch,M.A.	Grad. Student	Scripps Institution	GLOR04MV
PEST MIT	Simons,M.	Grad. Student	Mass. Inst. of Tech.	GLOR04MV
PEST GRD	Johnson,C.	Grad. Student	Scripps Institution	GLOR04MV
PEST GRD	Levitt,D.	Grad. Student	Scripps Institution	GLOR04MV
PEST GRD	Small,C.	Grad. Student	Scripps Institution	GLOR04MV

**** 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 a particular 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.

#GNT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP

**** Underway Data Curator - S. M. Smith ext. 42752 ****

**** Log Books ***

1200	110193	0	LBUW	B	Underway log book	GDC	17-00.23S	147-48.90W	g	GLOR04MV
2745	030293	0	LBUW	E	Underway log book	GDC	17-32.33S	149-34.56W	g	GLOR04MV
0200	110193	0	LBSC	B	Science log	ELW	17-32.03S	149-34.32W	g	GLOR04MV
1616	030293	0	LBSC	E	Science log	ELW	17-24.62S	149-35.21W	g	GLOR04MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#*** Sea Beam Records (vertical beam and side scan) ***										
0227	110193	0	MBSR	B v.beam/sidescan	r-01	GDC	17-30.79S	149-36.01W	g	GLOR04MV
2254	120193	0	MBSR	E v.beam/sidescan	r-01	GDC	14-35.57S	141-10.70W	g	GLOR04MV
2257	120193	0	MBSR	B v.beam/sidescan	r-02	GDC	14-35.43S	141-10.10W	g	GLOR04MV
2109	130193	0	MBSR	E v.beam/sidescan	r-02	GDC	14-51.72S	136-45.45W	g	GLOR04MV
2112	130193	0	MBSR	B v.beam/sidescan	r-03	GDC	14-51.86S	136-44.86W	g	GLOR04MV
2233	140193	0	MBSR	E v.beam/sidescan	r-03	GDC	15-30.06S	131-50.47W	g	GLOR04MV
2235	140193	0	MBSR	B v.beam/sidescan	r-04	GDC	15-29.83S	131-50.13W	g	GLOR04MV
0110	160193	0	MBSR	E v.beam/sidescan	r-04	GDC	16-15.63S	126-31.73W	g	GLOR04MV
0122	160193	0	MBSR	B v.beam/sidescan	r-05	GDC	16-16.23S	126-29.27W	g	GLOR04MV
2005	160193	0	MBSR	E v.beam/sidescan	r-05	GDC	16-39.15S	122-42.13W	g	GLOR04MV
2006	160193	0	MBSR	B v.beam/sidescan	r-06	GDC	16-39.18S	122-41.92W	g	GLOR04MV
0620	170193	0	MBSR	E v.beam/sidescan	r-06	GDC	17-05.13S	120-40.74W	g	GLOR04MV
0620	170193	0	MBSR	B v.beam/sidescan	r-07	GDC	17-05.13S	120-40.74W	g	GLOR04MV
0525	200193	0	MBSR	E v.beam/sidescan	r-07	GDC	16-58.42S	121-42.31W	g	GLOR04MV
0529	200193	0	MBSR	B v.beam/sidescan	r-08	GDC	16-58.18S	121-43.08W	g	GLOR04MV
0150	210193	0	MBSR	E v.beam/sidescan	r-08	GDC	16-43.09S	122-01.43W	g	GLOR04MV
1529	210193	0	MBSR	B v.beam/sidescan	r-09	GDC	16-39.14S	122-13.77W	g	GLOR04MV
1130	220193	0	MBSR	E v.beam/sidescan	r-09	GDC	16-11.47S	125-28.41W	g	GLOR04MV
2039	220193	0	MBSR	B v.beam/sidescan	r-10	GDC	16-10.62S	125-25.26W	g	GLOR04MV
1045	230193	0	MBSR	E v.beam/sidescan	r-10	GDC	16-26.75S	125-47.48W	g	GLOR04MV
1506	230193	0	MBSR	B v.beam/sidescan	r-11	GDC	16-23.48S	125-47.45W	g	GLOR04MV
2325	240193	0	MBSR	E v.beam/sidescan	r-11	GDC	15-34.92S	131-15.81W	g	GLOR04MV
1609	250193	0	MBSR	B v.beam/sidescan	r-12	GDC	15-30.21S	131-19.27W	g	GLOR04MV
0852	260193	0	MBSR	E v.beam/sidescan	r-12	GDC	15-35.68S	131-42.70W	g	GLOR04MV
1039	260193	0	MBSR	B v.beam/sidescan	r-13	GDC	15-35.50S	131-42.62W	g	GLOR04MV
1610	270193	0	MBSR	E v.beam/sidescan	r-13	GDC	15-40.22S	134-20.52W	g	GLOR04MV

#GMT	DDMMYY	SAMP	B	SAMPLE		DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E	IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
0641	280193	0	MBSR	B	v.beam/sidescan	r-14	GDC	15-14.91S	135-09.96W	g	GLOR04MV
0551	290193	0	MBSR	E	v.beam/sidescan	r-14	GDC	15-02.60S	136-38.93W	g	GLOR04MV
1133	290193	0	MBSR	B	v.beam/sidescan	r-15	GDC	15-02.64S	136-38.17W	g	GLOR04MV
0900	300193	0	MBSR	E	v.beam/sidescan	r-15	GDC	14-48.91S	138-53.32W	g	GLOR04MV
1131	300193	0	MBSR	B	v.beam/sidescan	r-16	GDC	14-48.87S	138-53.05W	g	GLOR04MV
0700	310193	0	MBSR	E	v.beam/sidescan	r-16	GDC	14-16.75S	140-44.70W	g	GLOR04MV
0705	310193	0	MBSR	B	v.beam/sidescan	r-17	GDC	14-16.31S	140-44.12W	g	GLOR04MV
0951	010293	0	MBSR	E	v.beam/sidescan	r-17	GDC	13-20.68S	141-03.32W	g	GLOR04MV
0952	010293	0	MBSR	B	v.beam/sidescan	r-18	GDC	13-20.69S	141-03.52W	g	GLOR04MV
0956	020293	0	MBSR	E	v.beam/sidescan	r-18	GDC	13-39.71S	146-00.04W	g	GLOR04MV
0958	020293	0	MBSR	B	v.beam/sidescan	r-19	GDC	13-39.75S	146-00.46W	g	GLOR04MV
1746	030293	0	MBSR	E	v.beam/sidescan	r-19	GDC	17-32.43S	149-34.78W	g	GLOR04MV

*** Echo Sounder Records ***

0306	110193	0	DPR3	B	3.5khz	R-01	GDC	17-24.65S	149-32.27W	g	GLOR04MV
0537	130193	0	DPR3	E	3.5khz	R-01	GDC	14-38.39S	139-52.36W	g	GLOR04MV
0540	130193	0	DPR3	B	3.5khz	R-02	GDC	14-38.61S	139-51.79W	g	GLOR04MV
0305	150193	0	DPR3	E	3.5khz	R-02	GDC	15-27.53S	130-57.76W	g	GLOR04MV
0310	150193	0	DPR3	B	3.5khz	R-03	GDC	15-27.58S	130-56.67W	g	GLOR04MV
0038	170193	0	DPR3	E	3.5khz	R-03	GDC	16-50.86S	121-45.95W	g	GLOR04MV
0043	170193	0	DPR3	B	3.5khz	R-04	GDC	16-51.45S	121-45.09W	g	GLOR04MV
0625	190193	0	DPR3	E	3.5khz	R-04	GDC	16-51.07S	119-37.42W	g	GLOR04MV
0630	190193	0	DPR3	B	3.5khz	R-05	GDC	16-50.79S	119-38.39W	g	GLOR04MV
0122	210193	0	DPR3	E	3.5khz	R-05	GDC	16-40.51S	122-00.15W	g	GLOR04MV
0200	210193	0	DPR3	B	3.5khz	R-06	GDC	16-43.03S	122-01.54W	g	GLOR04MV
1021	230193	0	DPR3	E	3.5khz	R-06	GDC	16-29.65S	125-47.41W	g	GLOR04MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
1518	230193	0	DPR3	B 3.5khz R-07	GDC	16-22.25S	125-47.51W	g		GLOR04MV
1004	250193	0	DPR3	E 3.5khz R-07	GDC	15-13.69S	131-14.88W	g		GLOR04MV
1008	250193	0	DPR3	B 3.5khz R-08	GDC	15-12.94S	131-15.08W	g		GLOR04MV
0821	270193	0	DPR3	E 3.5khz R-08	GDC	15-15.16S	133-05.72W	g		GLOR04MV
0828	270193	0	DPR3	B 3.5khz R-09	GDC	15-15.13S	133-07.20W	g		GLOR04MV
0954	290193	0	DPR3	E 3.5khz R-09	GDC	15-02.50S	136-38.35W	g		GLOR04MV
1145	290193	0	DPR3	B 3.5khz R-10	GDC	15-03.44S	136-39.05W	g		GLOR04MV
1814	310193	0	DPR3	E 3.5khz R-10	GDC	14-08.94S	141-27.59W	g		GLOR04MV
1818	310193	0	DPR3	B 3.5khz R-11	GDC	14-09.20S	141-26.83W	g		GLOR04MV
1630	020293	0	DPR3	E 3.5khz R-11	GDC	14-10.91S	146-53.50W	g		GLOR04MV
1635	020293	0	DPR3	B 3.5khz R-12	GDC	14-11.81S	146-53.89W	g		GLOR04MV
1616	030293	0	DPR3	E 3.5khz R-12	GDC	17-24.62S	149-35.21W	g		GLOR04MV
*** Magnetism (Earth Total Field) Records ***										
0303	110193	0	MGRA	B Magnetism R-1	GDC	17-25.12S	149-32.65W	g		GLOR04MV
1025	230193	0	MGRA	E Magnetism R-1	GDC	16-29.02S	125-47.37W	g		GLOR04MV
1516	230193	0	MGRA	B Magnetism R-2	GDC	16-22.50S	125-47.52W	g		GLOR04MV
1616	030293	0	MGRA	E Magnetism R-2	GDC	17-24.62S	149-35.21W	g		GLOR04MV
*** Continuous Recorded Gravity ***										
0200	110193	0	GVCR	B gravity	GDC	17-32.00S	149-34.00W	g		GLOR04MV
1800	030293	0	GVCR	B gravity	GDC	17-32.00S	149-34.00W	g		GLOR04MV
*** Expendable Bathythermograph Records ***										
2035	110193	0	BTXP	B XBTs 1 thru 18	GDC	16-43.04S	146-04.69W	g		GLOR04MV
2010	010293	0	BTXP	E XBTs 1 thru 18	GDC	13-28.69S	143-09.29W	g		GLOR04MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#*** Gravity Core ***										
0939	260193	0	COCG	B Grav. core #2	3902M GCR	15-35.61S	131-42.72W	g		GLOR04MV
1025	260193	0	COCG	E Grav. core #2	3902M GCR	15-35.57S	131-42.70W	g		GLOR04MV
#*** Dredges ***										
0852	180193	0	DRRO	B Dredge #1	3584M GCR	17-13.45S	118-54.34W	g		GLOR04MV
0958	180193	0	DRRO	E Dredge #1	3575M GCR	17-12.95S	118-54.19W	g		GLOR04MV
1501	180193	0	DRRO	B Dredge #2	3294M GCR	17-10.16S	118-54.51W	g		GLOR04MV
1622	180193	0	DRRO	E Dredge #2	2844M GCR	17-09.78S	118-54.39W	g		GLOR04MV
1914	180193	0	DRRO	B Dredge #3	2124M GCR	17-08.13S	118-54.07W	g		GLOR04MV
2034	180193	0	DRRO	E Dredge #3	1715M GCR	17-07.52S	118-54.18W	g		GLOR04MV
2323	180193	0	DRRO	B Dredge #4	1795M GCR	17-06.97S	118-56.53W	g		GLOR04MV
0131	190193	0	DRRO	E Dredge #4	1794M GCR	17-06.37S	118-56.65W	g		GLOR04MV
0254	210193	0	DRRO	B Dredge #5	2215M GCR	16-43.00S	122-01.45W	g		GLOR04MV
0426	210193	0	DRRO	E Dredge #5	1809M GCR	16-42.44S	122-01.27W	g		GLOR04MV
0755	210193	0	DRRO	X Dredge #6	2473M GCR	16-40.18S	122-12.29W	g		GLOR04MV
1319	210193	0	DRRO	B Dredge #7	2773M GCR	16-39.82S	122-13.80W	g		GLOR04MV
1420	210193	0	DRRO	E Dredge #7	2478M GCR	16-39.21S	122-13.83W	g		GLOR04MV
1255	220193	0	DRRO	B Dredge #8	2664M GCR	16-10.98S	125-28.51W	g		GLOR04MV
1502	220193	0	DRRO	E Dredge #8	2300M GCR	16-10.31S	125-28.15W	g		GLOR04MV
1721	220193	0	DRRO	B Dredge #9	2848M GCR	16-11.36S	125-23.81W	g		GLOR04MV
1908	220193	0	DRRO	E Dredge #9	2465M GCR	16-11.07S	125-24.03W	g		GLOR04MV
1236	230193	0	DRRO	B Dredge #10	2879M GCR	16-24.62S	125-46.96W	g		GLOR04MV
1359	230193	0	DRRO	E Dredge #10	1940M GCR	16-23.65S	125-47.33W	g		GLOR04MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				P	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#-----	-----	---	----	-----	-----	-----	-----	-----	---	-----
0110	250193	0	DRRO	B Dredge #11	2323M GCR	15-32.17S	131-17.42W	g		GLOR04MV
0246	250193	0	DRRO	E Dredge #11	2195M GCR	15-32.33S	131-17.24W	g		GLOR04MV
0539	250193	0	DRRO	B Dredge #12	2248M GCR	15-32.82S	131-15.78W	g		GLOR04MV
0656	250193	0	DRRO	E Dredge #12	1894M GCR	15-32.75S	131-15.49W	g		GLOR04MV
0257	260193	0	DRRO	B Dredge #13	3171M GCR	15-31.66S	131-26.64W	g		GLOR04MV
0428	260193	0	DRRO	E Dredge #13	2292M GCR	15-30.77S	131-26.15W	g		GLOR04MV
0004	280193	0	DRRO	B Dredge #14	620M GCR	15-17.15S	135-06.01W	g		GLOR04MV
0040	280193	0	DRRO	E Dredge #14	398M GCR	15-16.97S	135-06.11W	g		GLOR04MV
0248	280193	0	DRRO	B Dredge #15	2629M GCR	15-17.36S	135-09.79W	g		GLOR04MV
0517	280193	0	DRRO	E Dredge #15	2064M GCR	15-17.25S	135-09.21W	g		GLOR04MV
0749	290193	0	DRRO	B Dredge #16	4417M GCR	15-02.48S	136-38.87W	g		GLOR04MV
0954	290193	0	DRRO	E Dredge #16	4096M GCR	15-02.50S	136-38.35W	g		GLOR04MV
0432	300193	0	DRRO	B Dredge #17	2672M GCR	14-50.52S	138-54.51W	g		GLOR04MV
0635	300193	0	DRRO	E Dredge #17	2302M GCR	14-50.49S	138-53.87W	g		GLOR04MV
0844	300193	0	DRRO	B Dredge #18	1888M GCR	14-48.91S	138-53.48W	g		GLOR04MV
1011	300193	0	DRRO	E Dredge #18	1448M GCR	14-48.87S	138-52.99W	g		GLOR04MV
0410	310193	0	DRRO	B Dredge #19	2499M GCR	14-17.27S	140-45.21W	g		GLOR04MV
0559	310193	0	DRRO	E Dredge #19	2035M GCR	14-16.93S	140-44.99W	g		GLOR04MV
#				End Sample Index						GLOR04MV