INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

(Issued July 1986)

CHEPR EXPEDITION

LEG 1

La Paz, Mexico (30 March 1985) to San Diego, California (5 May 1985)

R/V New Horizon

Chief Scientist - R. Batiza

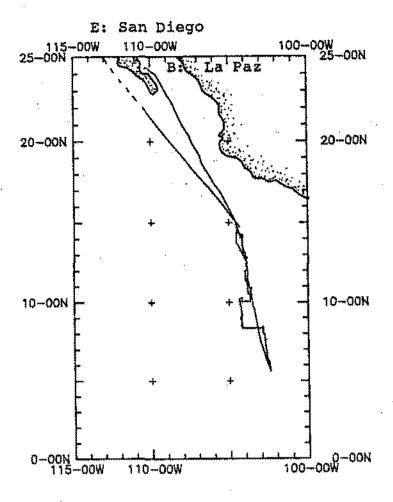
Resident Marine Tech - R. Comer

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

Data Collection Funded by NSF OCE83-17741
Bathymetry Processing Funded by NGDC Contract 50RANE600049

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 Instituiton of Oceanography, La Jolla, California 92093.

GDC Cruise I.D.# 219



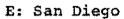
CHEPR LEG 1
Track at .1632in/degree

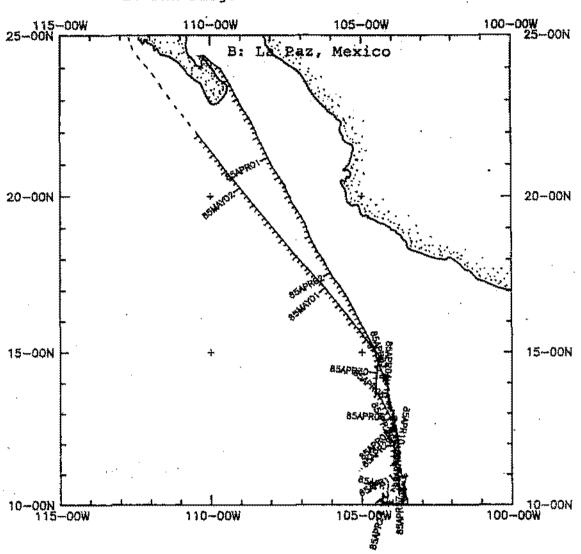
CHEPR EXPEDITION LEG 1

CHIEF SCIENTIST: R. Batiza (Washington Univ.)
PORTS: La Paz, Mexico - San Diego, Calif.
DATES: 30 March - 5 May 1985
SHIP: R/V New Horizon

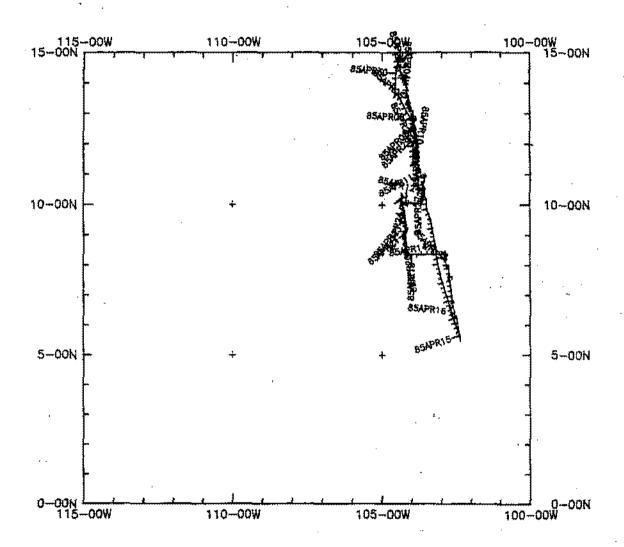
TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

- 1) Cruise 3662 miles
- 2) Bathymetry 3260 miles
- 3) Magnetics none collected
- 4) Seismic Reflection none collected
- 5) Gravity none collected

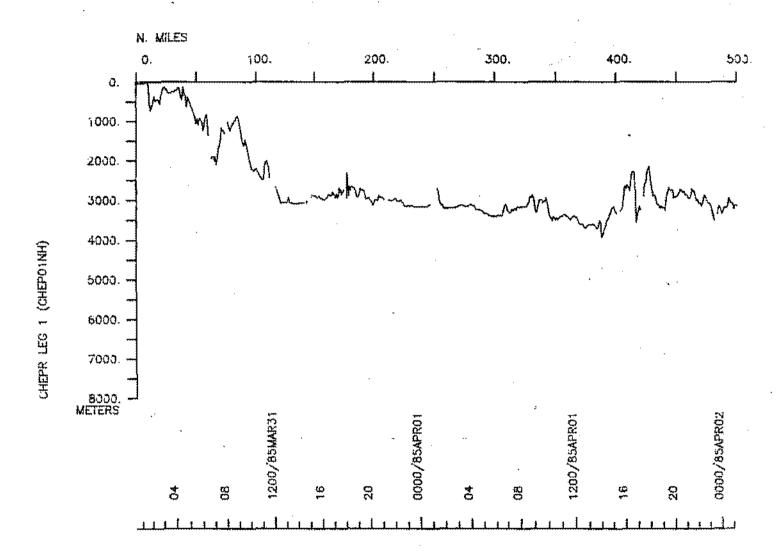


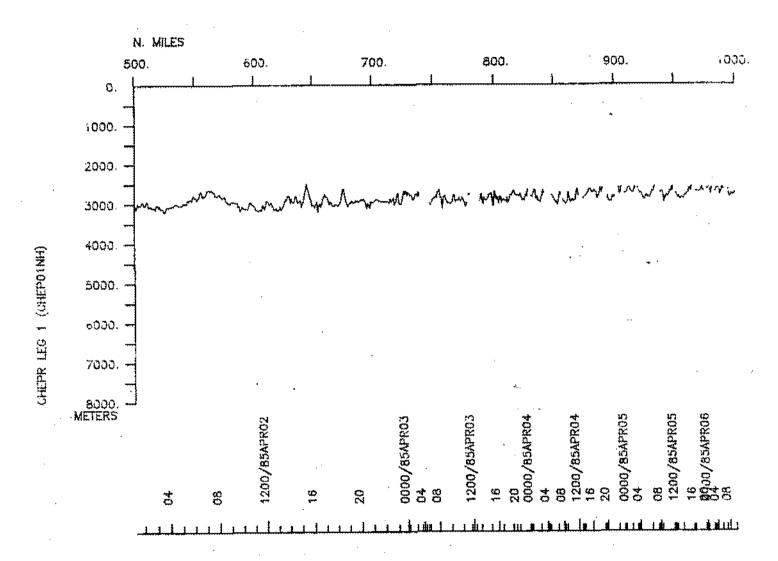


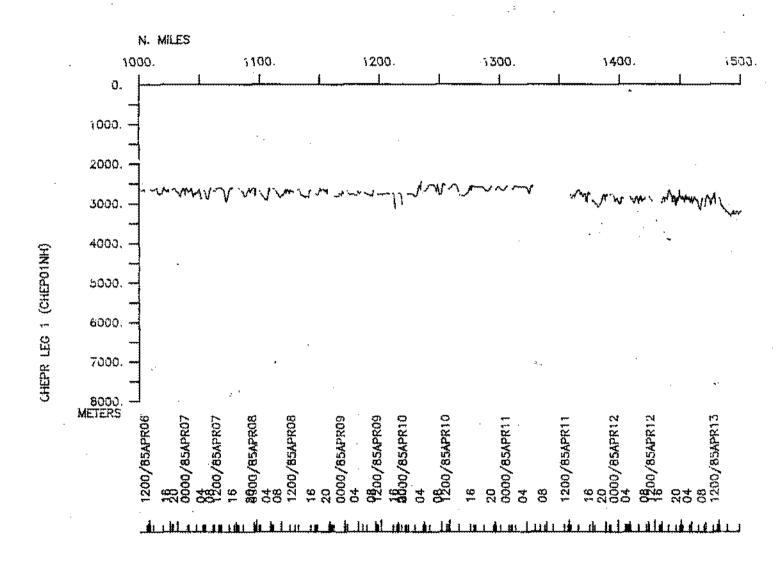
CHEPR LEG 1 track at .312in/deg (plot 1 of 2)

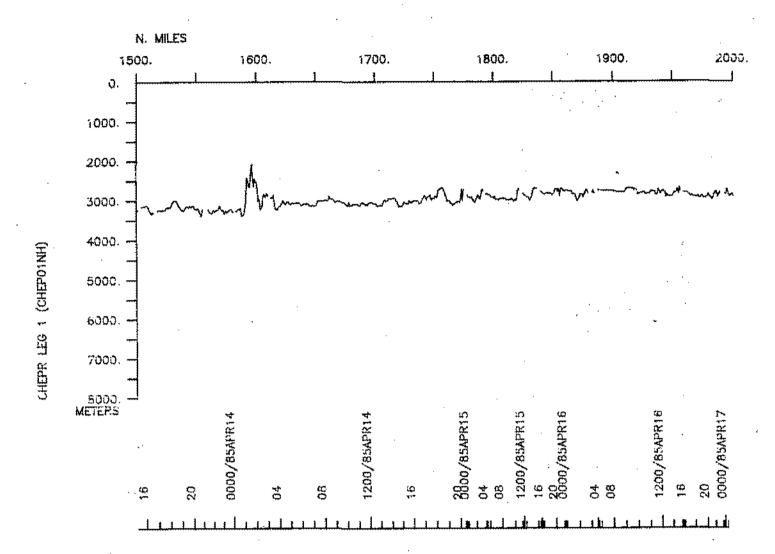


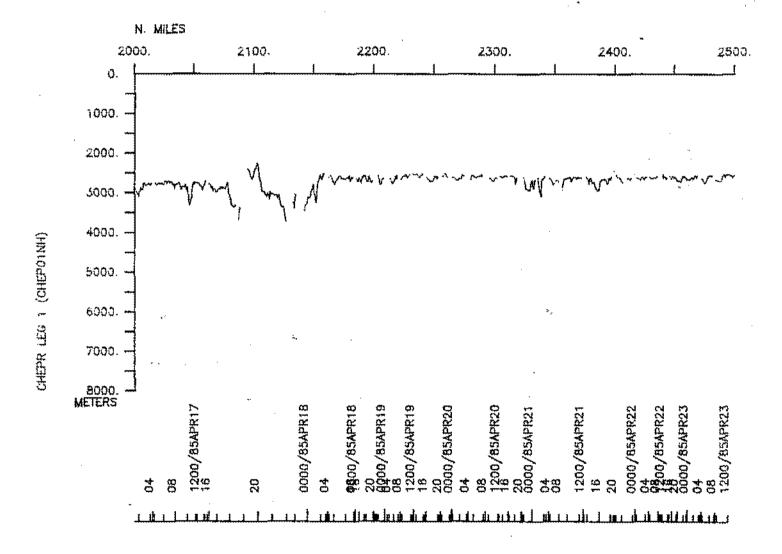
CHEPR LEG 1 track at .312in/deg (plot 2 of 2)

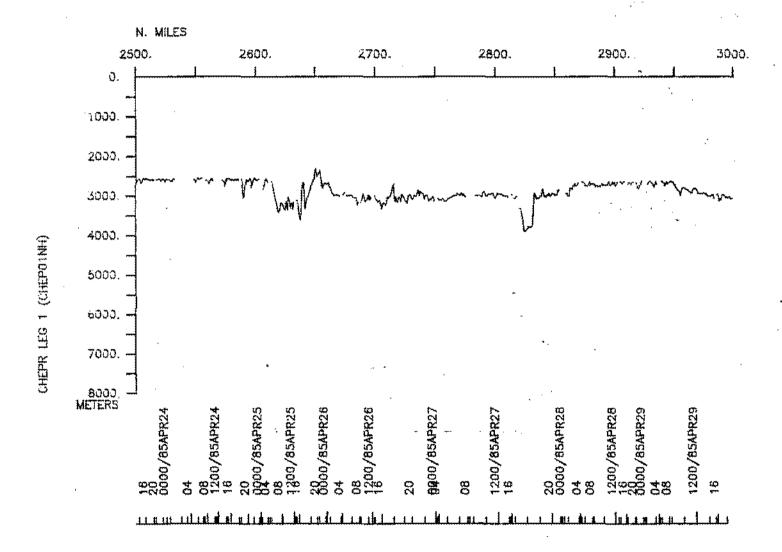


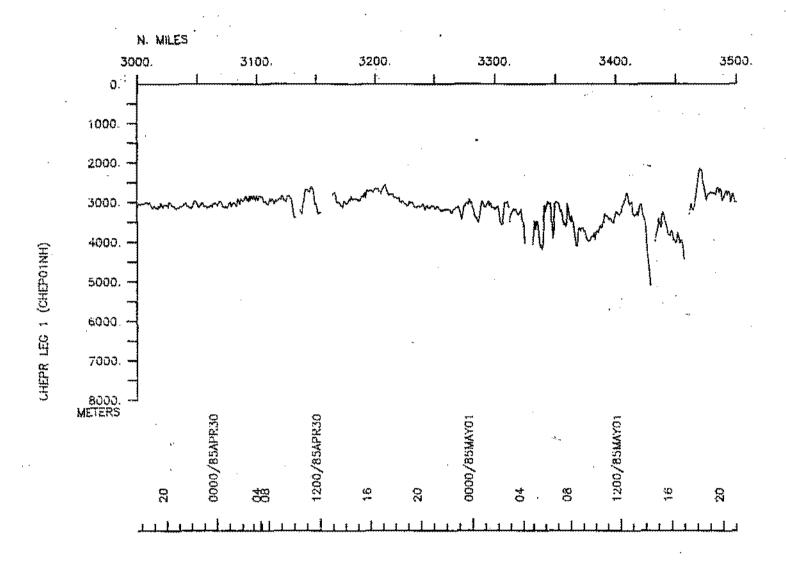


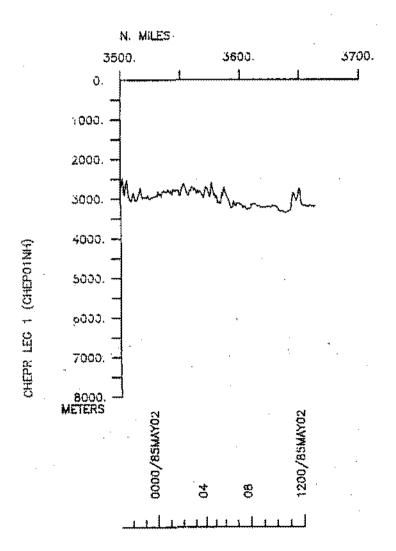












(Issued July 1986)

CHEPR EXPEDITION

Leg 1

La Paz, Mexico (30 March 1985) to San Diego, Calif. (5 May 1985)

R/V New Horizon

Chief Scientist - R. Batiza

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

Index Encoding Funded by NSF Grant Number OCE83-16603 Index Processing and Report Preparation funded in part by SIA

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 future computer searches on these parameters. (Listings defining these codes are available from the Geological Data Center.)

GDC Cruise I.D. #219

Jul 23 14:45 1986 CHEPR LEG 1 SAMPLE INDEX Page 1

#***PORTS***	ķ
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24-10 N 110-19 W fCHEPO1NH 32-43 N 117-11 W fCHEPO1NH

#***PERSONNEL***

		NAME	***IITE***	***AFFILIATION***	**CRID**
PECT	SIX	BATIZA,R.	CHIEF SCIENTIST	WASHINGTON, UNIV	CHEPO1NH
PERT	MTG	COMER, R.	RESIDENT TECH	SCRIPPS INSTITUTION	CHEPO1NH
PESP	LDGO	LANGMUIR,C.	PR. INVESTIGATOR	LAMONT-DOHERTY	CHEPO1NH
PESP	SIX	BENDER, J.	PR. INVESTIGATOR	U. of N. CAROLINA	CHEPO1NH
PESP	SIX	OHEARN, T.J.	TECHNICIAN	SMITHSONIAN MUS.	CHEPO1NH
PEST	LDGO	HATCHER, M.	STUDENT	LAMONT-DOHERTY	CHEPO1NH
PEST	SIX	HILLER, D.	STUDENT	U. of N. CAROLINA	CHEPO1NH
PEST	SIX	CASTILLO, P.	STUDENT	WASHINGTON UNIV.	CHEPO1NH
PESP	SIX	ROSS,G.	ASST. PROFESSOR	WASHINGTON UNIV.	CHEPO1NH
PEST	SIX	SMITH, T.L.	STUDENT	WASHINGTON UNIV.	CHEPO1NH
PESP	LDGO	BIESADA,A.	TECHNICIAN	LAMONT-DOHERTY	CHEPO1NH
PEST	LDGO	KLEIN, E.	STUDENT	LAMONT-DOHERTY	CHEPO1NH
PEXN	SIX	DUARTE, E.	STUDENT	COSTA RICA	CHEPO1NH

#***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. POSITIONS ARE IN TENTHS #OF MINUTES.

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#GMT DDMMYY LOC T #TIME DATE TIME Z	CODE	IDENTIFIE	R	DISP	LAT.	LONG.	CRUISE LEG-SHIP
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#***LOG BOOKS***						.,	
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		UNDERWAY W					sCHEPO1NH
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#***ECHOSOUNDER REC	ORDINGS*	**					
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2105 310385	•	12 KHZ EPC					sCHEPO1NH
2125 310385		12 KHZ EPC					sCHEPO1NH
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1523 010485		12 KHZ EPC					sCHEPO1NH
0630 030485		12 KHZ EPC					sCHEPO1NH
0640 030485		12 KHZ EPC					sCHEPO1NH
1145 050485		12 KHZ EPC					sCHEPO1NH
1153 050485		12 KHZ EPC					sCHEPO1NH
1200 070485		12 KHZ EPC					sCHEPO1NH
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1142 220485		12 KHZ EPC					sCHEPO1NH
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1008 260485			R-15				
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1015 270485			R-16				
1357 290485			R-16				
1408 290485			R-17				
0508 010585			R-17				
0524 010585			R-18(2sec)				
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OA4985 DRRO ROCK DREDGE-05 2655M GCR 13-458N 104-073W SCHEPOINH							
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#GMT DDMMYY LOC T #TIME DATE TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE LAT.	CRUISE LONG. LEG-SHIP
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0853 120485	DRRO	ROCK DREDGE-46 2860M	GCR 10-274N	103-359W sCHEPOINH
1410 120485	DRRO	ROCK DREDGE-47 2850M		103-360W sCHEPO1NH
1948 120485	DRRO	ROCK DREDGE-48 2905M		103-353W sCHEPO1NH
2356 120485	DRRO	ROCK DREDGE-49 2775M		103-357W sCHEPOINH
0636 130485	DRRO	ROCK DREDGE-50 2870M		103-353W sCHEPOINH
1042 130485	DRRO	ROCK DREDGE-51 2875M	GCR 10-176N	103-353W sCHEPO1NH
2127 140485	DRRO	ROCK DREDGE-52 2740M	GCR 5-377N	102-254W sCHEPO1NH
0345 150485	DRRO	ROCK DREDGE-53 2750M	GCR 5-513N	102-273W sCHEP01NH
1025 150485	DRRO	ROCK DREDGE-54 2705M		102-321W sCHEPO1NH
1450 150485	DRRO	ROCK DREDGE-55 2750M		102-306W sCHEP01NH
2142 150485	DRRO	ROCK DREDGE-56 2805M		102-348W sCHEPO1NH
0347 160485	DRRO	ROCK DREDGE-57 2742M		102-391W sCHEP01NH
1509 160485	DRRO	ROCK DREDGE-58 2738M		102-445W sCHEPO1NH
2249 160485	DRRO	ROCK DREDGE-59 2880M		102-501W sCHEP01NH
0412 170485	DRRO	ROCK DREDGE-60 2765M		102-514W sCHEP01NH
1034 170485	DRRO	ROCK DREDGE-61 2715M		102-531W sCHEPOINH
1413 170485	DRRO	ROCK DREDGE-62 2735M		102-519W sCHEP01NH
0225 180485	DRRO	ROCK DREDGE-63 2560M		104-109W aCHEPQ1NH
0832 180485	DRRO	ROCK DREDGE-64 2580M		104-100W sCHEPOINH
1330 180485	DRRO	ROCK DREDGE-65 2600M		104-096W sCHEPO1NH
1721 180485	DRRO	ROCK DREDGE-66 2580M		104-100W sCHEPO1NH
2049 180485	DRRO	ROCK DREDGE-67 2585M	1	104-085W sCHEPOINH
0051 190485 0622 190485	DRRO	ROCK DREDGE-68 2710M		104-085W sCHEPOINH
1032 190485	DRRO	ROCK DREDGE-69 2550M		104-111W sCHEPOINH
1430 190485	DRRO DRRO	ROCK DREDGE-70 2530M		104-111W sCHEPOINH
1902 190485	DRRO	ROCK DREDGE-71 2550M ROCK DREDGE-72 2590M		104-120W sCHEPO1NH
2246 190485	DRRO	ROCK DREDGE-72 2590M		104-129W sCHEP01NH 104-109W sCHEP01NH
0340 200485	DRRO	ROCK DREDGE-73 2560M		104-109W SCHEPOINH
0750 200485	DRRO	ROCK DREDGE-75 2550M	• • • • • • • • • • • • • • • • • • • •	104-139W sCHEPOINH
1143 200485	DRRO	ROCK DREDGE-76 2585M		104-152W sCHEPOINH
1633 200485	DRRO	ROCK DREDGE-77 2575M		104-163W sCHEPO1NH
2104 200485	DRRO	ROCK DREDGE-78 2625M		104-165W sCHEPOINH
0158 210485	DRRO	ROCK DREDGE-79 2645M		104-162W sCHEPO1NH
0658 210485	DRRO	ROCK DREDGE-80 2705M		104-157W sCHEPO1NH
1214 210485	DRRO	ROCK DREDGE-81 2600M	•	104-126W sCHEPOINH
1807 210485	DRRO	ROCK DREDGE-82 2574M		104-113W sCHEPO1NH
0040 220485	DRRO	ROCK DREDGE-83 2615M	44 (4.4)	104-130W sCHEPOINH
0422 220485	DRRO	ROCK DREDGE-84 2597M		104-132W sCHEPO1NH
0838 220485	DRRO	ROCK DREDGE-85 2585M		104-119W sCHEPO1NH
1354 220485	DRRO	ROCK DREDGE-86 2605M		104-144W sCHEPO1NH
1729 220485	DRRO	ROCK DREDGE-87 2590M	•	104-135W sCHEP01NH
2205 220485	DRRO	ROCK DREDGE-88 2605M	GCR 9-299N	104-147W sCHEPO1NH
0215 230485	DRRO	ROCK DREDGE-89 2560M	GCR 9-355N	104-153W sCHEP01NH
0711 230485	DRRO	ROCK DREDGE-90 2593M	GCR 9-433N	104-157W sCHEPO1NH

#GMT DDMMYY LOC T #TIME DATE TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE LAT.	LONG.	CRUISE LEG-SHIP
#TIME DATE TIME Z #	DRRO DRRO DRRO DRRO DRRO DRRO	IDENTIFIER	GCR 9-488N 1 GCR 9-546N 1	104-171W 104-177W 104-184W 104-194W 104-202W 104-212W 104-211W 104-211W 104-211W 104-211W 104-2159W 104-103W 104-016W 104-016W 103-481W 103-410W	SCHEPOINH
0135 270485 0742 270485 1355 270485 2307 270485 0351 280485 0730 280485 1300 280485 1628 280485 1949 280485 2350 280485 0436 290485 0730 290485 1435 290485 0521 300485	DRRO DRRO DRRO DRRO DRRO DRRO DRRO DRRO	ROCK DREDG-110 3155M ROCK DREDG-111 3040M ROCK DREDG-111 3047M ROCK DREDG-112 3047M ROCK DREDG-113 2985M ROCK DREDG-114 2680M ROCK DREDG-115 2700M ROCK DREDG-116 2695M ROCK DREDG-116 2695M ROCK DREDG-117 2720M ROCK DREDG-118 2680M ROCK DREDG-119 2670M ROCK DREDG-120 2635M ROCK DREDG-121 2675M ROCK DREDG-121 2675M ROCK DREDG-122 3090M ROCK DREDG-123 2875M END SAMPLE INDEX	GCR 10-330N GCR 10-548N GCR 11-242N GCR 11-585N GCR 12-069N GCR 12-125N GCR 12-125N GCR 12-125N GCR 12-220N GCR 12-220N GCR 12-220N GCR 12-320N GCR 13-044N GCR 14-454N GCR 14-454N	103-475W 103-490W 103-578W 103-578W 103-490W 103-502W 103-509W 103-520W 103-523W 103-538W 103-548W 104-114W	sCHEPOINH sCHEPOINH sCHEPOINH sCHEPOINH sCHEPOINH sCHEPOINH sCHEPOINH sCHEPOINH sCHEPOINH sCHEPOINH sCHEPOINH sCHEPOINH sCHEPOINH