INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

(Issued November 1984)

PROTEA EXPEDITION

LEG 3

Valparaiso, Chile (26 October 1983)
to
Punta Arenas, Chile (01 November 1983)

R/V Melville

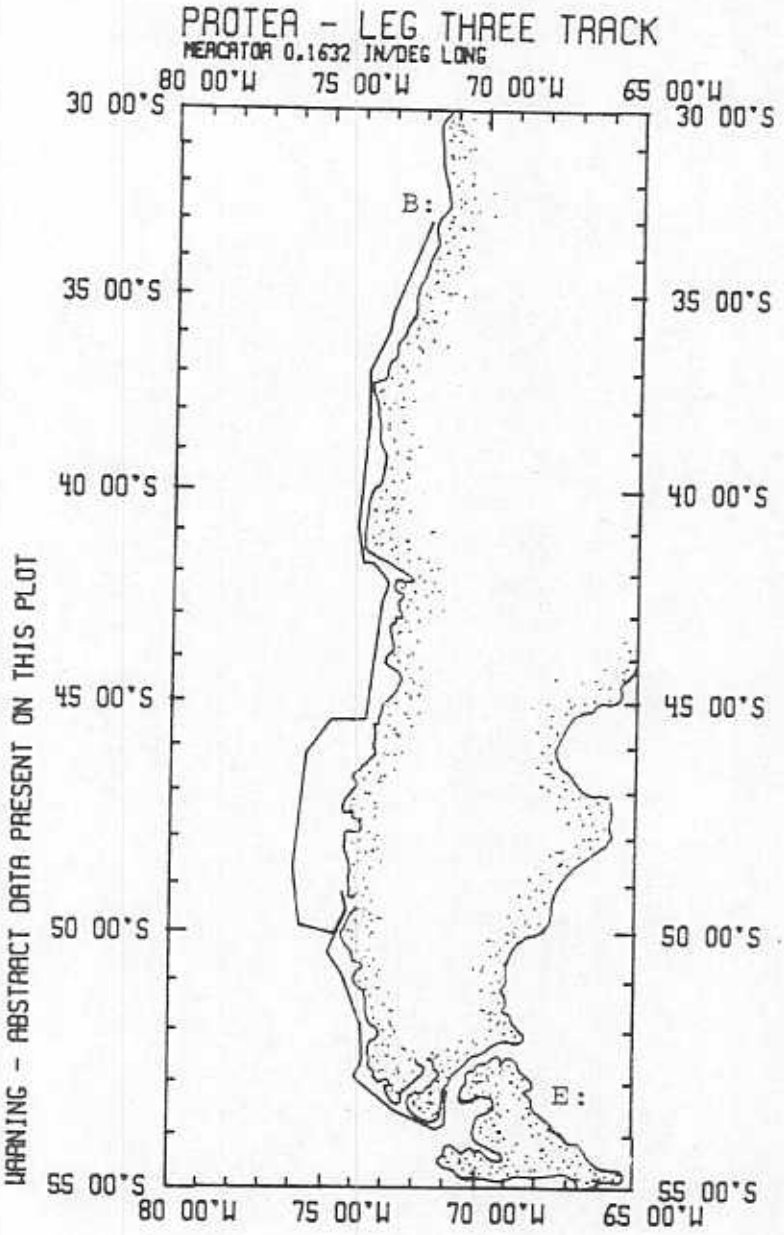
Chief Scientist - Robert Wilson (SIO)

Resident Marine Tech - Robert Wilson

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

Data Collection Funded by NSF
Grant Number NSF OCE80-24474
Data Processing Funded by SIA and NSF

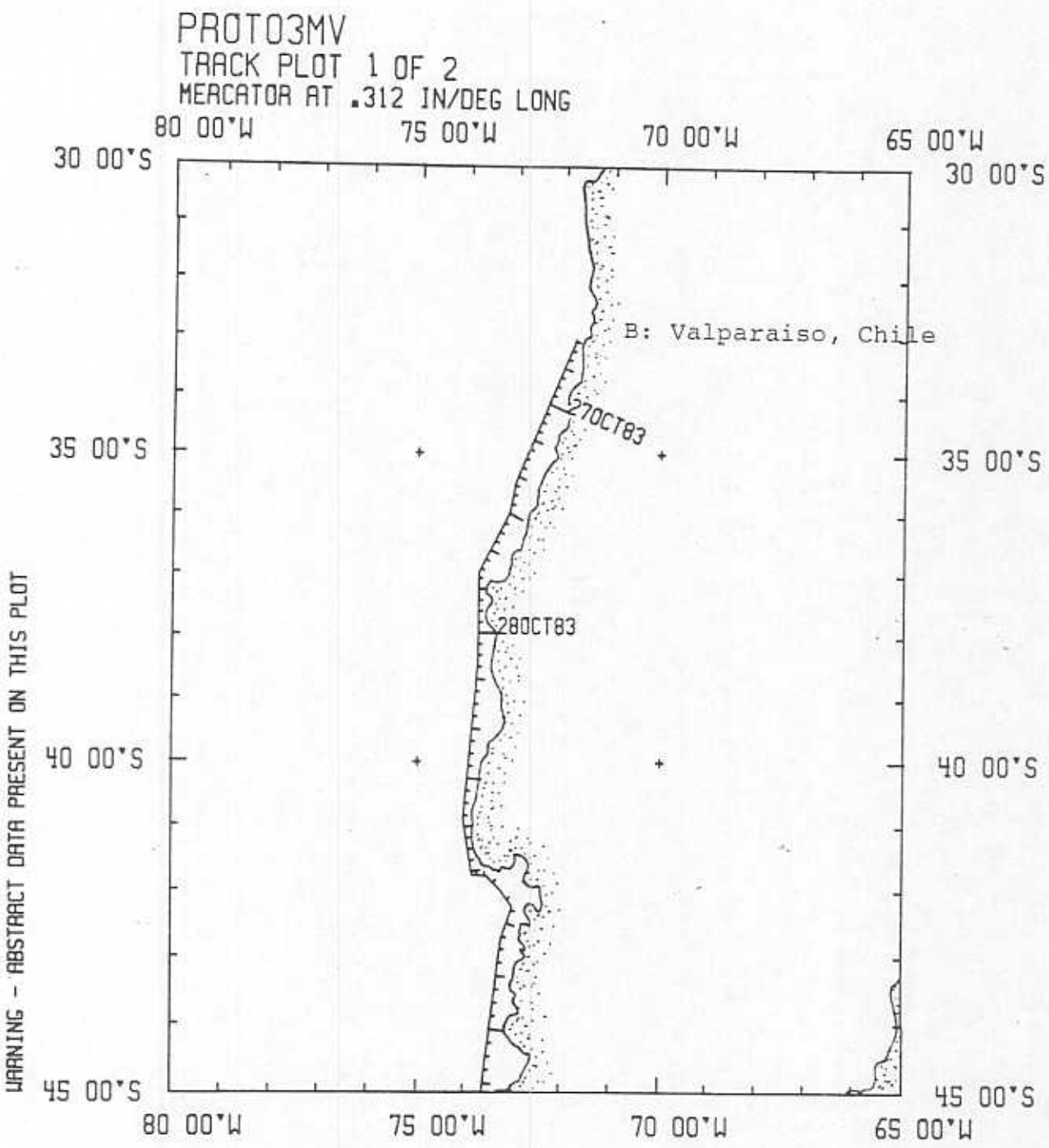
GDC Cruise I.D.# 212

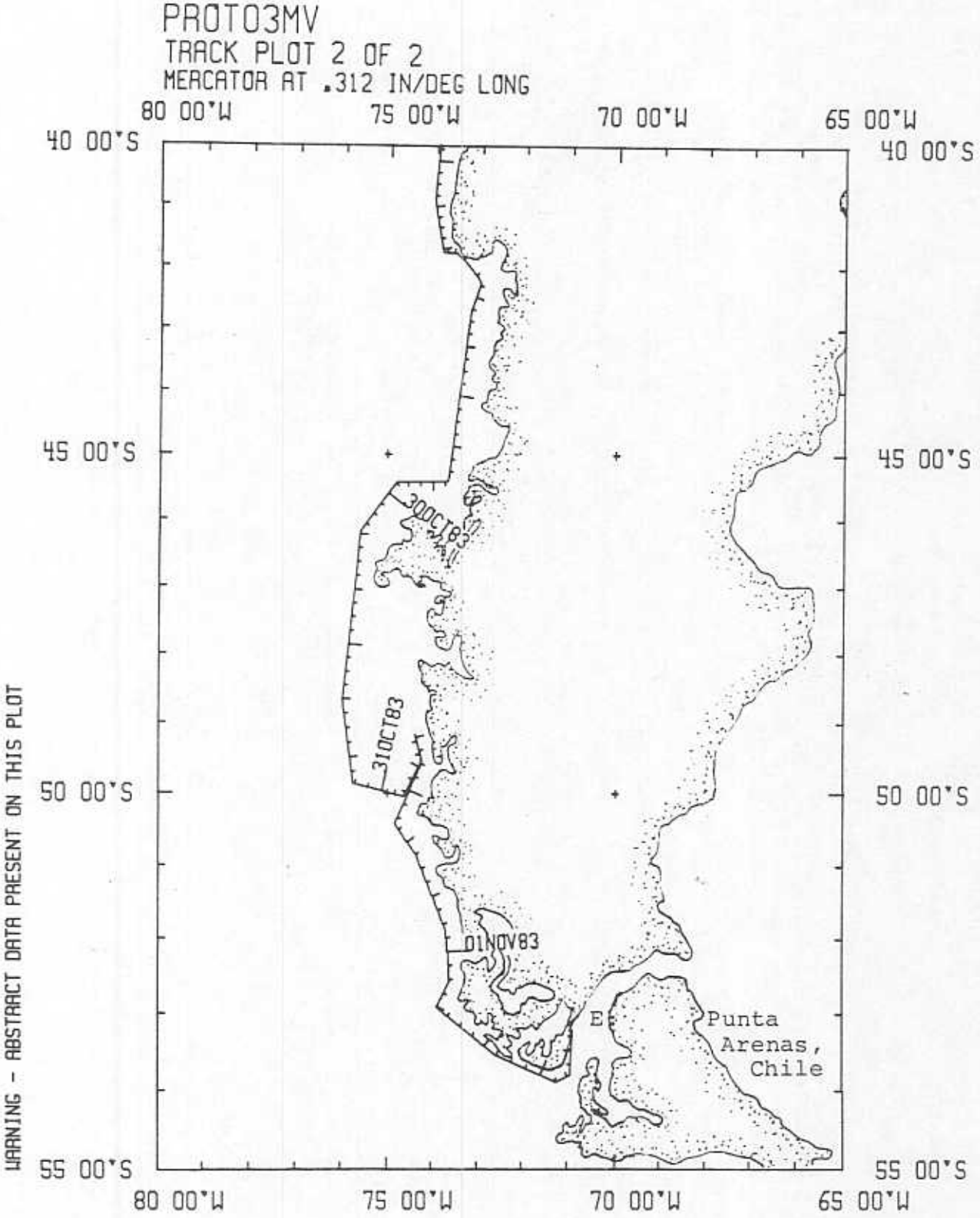


PROTEA EXPEDITION
LEG 3

CHIEF SCIENTIST: R. C. Wilson
PORTS: Valparaiso, Chile - Punta Arenas, Chile
DATES: 26 October - 01 November 1983
SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED
1) Cruise - 1671 miles
2) Bathymetry - none collected
3) Magnetics - none collected
4) Seismic Reflection - none collected
5) Gravity - none collected
6) SeaBeam - (on R/V Thomas Washington only)


PROTO3MV
TRACK PLOT 1 OF 2
MERCATOR AT .312 IN/DEG LONG
80 00'W
75 00'W
70 00'W
65 00'W
30 00'S
35 00'S
40 00'S
45 00'S
B: Valparaiso, Chile
270CT83
280CT83
WARNING - ABSTRACT DATA PRESENT ON THIS PLOT


PROTO3MV
TRACK PLOT 2 OF 2
MERCATOR AT .312 IN/DEG LONG
80 00'W
75 00'W
70 00'W
65 00'W
40 00'S
45 00'S
50 00'S
55 00'S
30OCT83
31OCT83
01NOV83
Punta
Arenas,
Chile
WARNING - ABSTRACT DATA PRESENT ON THIS PLOT

S.I.O. SAMPLE INDEX

(Issued November 1984)

PROTEA EXPEDITION

Leg 3

Valparaiso, Chile (26 October 1983)
to
Punta Arenas, Chile (01 November 1983)

R/V Melville

Chief Scientist - Robert C. Wilson

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

Index Encoding Funded by NSF
Grant Number OCE80-22996
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. #212

PORTS

1550 261083	LGPT	B	VALPARAISO, CHILE	33 02 S	71 37 W	PROTO3MV
1805 011183	LGPT	E	PUNTA ARENAS, CHILE	53 10 S	70 54 W	PROTO3MV
0635 311083	LGUS	B	PUERTO EDAN, CHILE	49 09 S	74 23 W	PROTO3MV
0740 311083	LGUS	E	PUERTO EDAN, CHILE	49 09 S	74 23 W	PROTO3MV

PERSONNEL

	NAME	***TITLE***	***AFFILIATION***	**CRID**
PERT MTG	WILSON,R.C.	RESIDENT TECH	SCRIPPS INST.OF OCEAN.	PROTO3MV
PEST USC	MILLER,M.	STUDENT	UNIV. of SO. CAL.	PROTO3MV
PESP SIO	VOGT,L.	MEDICAL DOCTOR	U. of CAL. SAN DIEGO	PROTO3MV
PEST USC	KREMPIN,D.	STUDENT	UNIV. of SO. CAL.	PROTO3MV
PESP OSU	AHERN,J.	RESEARCH ASST.	OREGON STATE UNIV.	PROTO3MV
PESP OSU	SPARROW,M.	RESEARCH ASST.	OREGON STATE UNIV.	PROTO3MV
PECT SIO	STUBER,D.	COMPUTER TECH	SCRIPPS INST.OF OCEAN.	PROTO3MV

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.

GMT TIME	DDMMYY DATE	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP

***UNDERWAY DATA CURATOR - S. M. SMITH EXT.2752

LOG BOOKS

1337 271083	LBSC	B	SCIENTIFIC LOG-BIRDS	36 156S	73 160W	PROTO3MV
1805 011183	LBSC	E	SCIENTIFIC LOG-BIRDS	53 10 S	70 54 W	PROTO3MV

END SAMPLE INDEX