89001

CRUISE REPORT
OF THE
BRANCH OF PACIFIC MARINE GEOLOGY
U.S. GEOLOGICAL SURVEY

CRUISE: F1 89NC

SHIP: FARNELLA

CHIEF SCIENTIST: Dave Rubin/ John Chin

	CALENDAR DATE/TIME AND DATUM	GMT DAY/TIME	ACTIVITY
CRUISE	6-Jan-1989 08:41 LMT	006/1555	cast off start of cruise
CRUISE	11-Jan-1989 02:23 GMT	011/0223	end of cruise

PERSONNEL LIST:

PERSON	RESPONSIBILITY
D. Twichell	CHIEF SCIENTIST
Dave Rubin	CHIEF SCIENTIST
John Chin	CHIEF SCIENTIST
Lisa Webber	DAFE CURATOR
D. Nicholls	ELECTRONICS T
L. Kooker	ELECTRONICS T
T. O'Brien	ELECTRONICS T
Jon Erickson	MECHANICAL T
Dennis Mann	WATCHSTANDER
J. Anarena	WATCHSTANDER
Ledabeth Picthorn	WATCHSTANDER
Mark Sheridan	WATCHSTANDER

TRACKLINE SUMMARY:

	KILOMETERS	NAUTICAL MILES	HOURS
LINE 0001	94.7	51.5	12
LINE 0002	59.1	32.1	8
LINE 0003	32.8	17.8	4
LINE 0004	8.2	4.5	1
LINE 0005	10.5	5.7	1
LINE 0006	16.1	8.8	2
LINE 0007	15.7	8.5	2
LINE 0008	10.4	5.7	2
LINE 0009	13.6	7.4	2
LINE 0010	33.3	18.1	4
LINE 0011	13.6	7.4	2
LINE 0012	20.0	10.9	2
LINE 0013	14.7	8.0	2
LINE 0014	15.7	8.6	2
LINE 0015	14.9	8.1	2
LINE 0016	24.5	13.3	3
LINE 0017	16.0	8.7	2
LINE 0018	9.6	5.2	1
LINE 0019	82.5	44.8	11
LINE 0020	9.2	5.0	1
LINE 0021	69.9	38.0	10
LINE 0022	6.4	3.5	1
LINE 0023	764.9	415.7	7
LINE 0024			1

TOTAL NUMBER OF TRACKLINES RUN = 24

TOTAL NUMBER OF HOURS RUNNING TRACKLINES = 83

UNDERWAY AND GEOPHYSICAL DATA COLLECTION:

DATA OR CATEGORY	KILOMETERS	NAUTICAL MILES	TIME IN HOURS	NUMBER OF ROLLS/REELS
TRACKLINE	765.0	415.8	75	
SHIPBOARD GRAVTY	748.0	406.5	213	3
HUNTEC DEEP TOW SIDE SCAN	787.0	427.7	155	34
SIDE SCAN SONAR	284.0	154.3	49	35
UNIBOOM	754.0	409.8	40	6