VERNON McMILLAN Inc.
THE ROYAL LINE

Twichell

COMPOSITIONS

R/V CAPE HENLOPEN

15-20 MAY, 1978

DATA LOG.

FWP 78012
100320

Scientific Crew

Dave	Twichell	U.S.G.S.
Barry	Irwin	U.S.G.S.
John	Gay	Captain
Dennis	Bebel	
Tom	Crosby	
Kathy	Kent	
Gary	Snyder	
Marion	Swincki	
Mike	Coster	ONI
John	Barnard	ONI
Larry	Matson	ONI
Dave	Tullet	Hunter
Nathan (Bing)	Fuller	USN

Equipment

Navigation:

Teledyne Loran C

Simrad Loran C

Klein Side-Scan Sonar

Hunteck subbottom profiler

Edo Western 60 kHz echo sounder

DATA LOG

Huntec Records.

Roll #1 0226 - 0340L 16 MAY, 1978
Beginning of Line #1

Roll #2 0346 - 1515L 16 MAY, 1978
Line #1

ROLL #3 1525L 16 MAY 78 - 0310 17 MAY, 78.
END LINE #1, LINE #2 + PART OF LINE #3.

ROLL #4 - 1555 17 MAY, 78
LINE #3-7

ROLL #5 - 0350 18 MAY, 78
LINES 7-10

ROLL #6 1640 18 MAY, 78
LINES 10-12

ROLL #7 - 0435 19 MAY, 78
Lines 12-15

Roll #8 0435-1651L 19 MAY, 1978
Lines 15-19.

Roll #9 1651-2335 19 MAY, 1978
Lines 19-21

DATA LOG

SIDE SCAN

ROLL #1 0200 - 0605 16/5/78
Beginning of Line #1

ROLL #2 0605 - 0950 16/5/78
LINE #1

ROLL #3 0950 - 1125 16/5/78
LINE #1 - ends when side-scan crashed.

ROLL #4 1145 - 1810 L 17 May, 1978
- Line #8

ROLL #5 1810 - 2400 17 MAY, 1978

ROLL #6 0000 - 0645 L 18 MAY, 1978
- end of Line #10

ROLL #7 0645 - 1130 18 MAY, 1978
Line #11

ROLL #8 1130 - 1945 L 18MAY, 1978.
Lines 12 + 13

ROLL # 9 1946 - 2255 L 18MAY, 1978.
Lines 13 + 14

ROLL #10 2255 18MAY, 78 - 0155, 19 MAY, 78
Line 14 + Begin Line 15

ROLL #11 0155 - 1330 L 19MAY, 1978
Line 15 - 17

Roll #12 - 0630 L 19 MAY, 1978

Roll #13 - 0850 L 19 MAY, 1978

Roll #14 - 1040 L 19 MAY, 1978

Roll #15 -1800 19 MAY, 1978

Roll #16 -2330 19 MAY, 1978

DATA LOG
ECHO SOUNDING

ROLL #1 0226, 16 MAY, 1978 - 1950, 16 MAY, 1978
All of Line #1

Roll #2 1950, 16 MAY, 1978 - 2335, 19 MAY, 78