

GEOPHYSICS LOG

800123ei

ASTERIAS 80-6B

JUN 10-12, 1980

S. R.I. SOUND

80-6B
ASTR
800123
103510

U. S. GEOLOGICAL SURVEY

OPS						COMMENTS AND OBSERVATIONS
12 KHz	3.5 KHz	CSP	MAG	GRAY	SONO STA	
						UNIBOOM SEISMIC R/V ASTERIAS CRUISE AST-6-80 COX LEDGE SURVEY - SOUTHERN RHODE ISLAND SOUND INCLUDING MUSKEGET CHANNEL - NANTUCKET SOUND C. O'HARA - CHIEF SCIENTIST J. EVIDEN A. WHITNEY OFFICE OF MARINE GEOLOGY WOODS HOLE, MASS. 02543

231412 1001301130.200

GMT			TIME ZONE	SHIPS		NAVIGATION	
DAY	MO	YR	TIME	±	COURSE	SPD	
10	01	80					14281.9
			1545				14279.7
			1600				14276.7
			1615				14274.7
			1620				272.0
			1645				269.6
			1700				267.2
			1715				264.8
			1730				262.0
			1745				259.5
			1759:20				257.0
			1805				259.3
			1815				256.2
			1830				275.4
			1845				275.5
			1851				295.5
			1905				297.8
			1915				300.4
			1930				304.0
			1945				309.6
			2000				310.9
			2015				314.3
			2030				319.6
			2045				321.2
			2100				323.7
			2115				327.4
			2130				330.5
			2145				333.7
			2200				337.0
			2204:30				338.0

OPS

COMMENTS AND OBSERVATIONS

12 KHZ
3.5 KHZ
C SP
MAG
GRAY
SONO
STA

LINE CL-1

End line CL-1, Recorder down let change.
Recorder back on - Start line CL-2

END LINE CL-2 START LINE CL-3

END LINE CL-3

GMT				TIME ZONE	SHIPS		NAVIGATION			
DAY	MO	YR	TIME	±	COURSE	SPD				
11	06	80	0941				143	40.3	438	71.7
			0945				343	.6	871	.3
			1000				355	.5	859	.5
			1015				367	.8	868	.2
			1030				378	.6	865	.7
			1043				387	.9	863	.9
			1101				384	.0	853	.6
			1115				381	.1	846	.0
			1130				377	.0	839	.0
			1145				373	.8	830	.3
			1200				193	69.6	438	21.8
			1216				365	.9	812	.3
			1230				362	.1	804	.6
			1245				358	.1	796	.7
			1300				355	.0	788	.6
			1313				382	.2	782	.1
			1330				365	.5	784	.8
			1345				376	.8	787	.1
			1350				379	.1	787	.3
			1400				386	.2	790	.1
			1415				398	.2	792	.2
			1422:30				404	.0	793	.4
			1430				406	.6	798	.3
			1432:30				407	.1	800	.2
			1445				411	.4	808	.5
			1500				415	.4	818	.1
			1515				419	.6	827	.3
			1527				423	.2	835	.2
			1536				424	.6	838	.0
			1545				427	.3	844	.0

OPS

COMMENTS AND OBSERVATIONS

12 VOLT
3.5 RPM
CSP
MAG
GRAY
SOND
STA

START LINE CL-4

C/C end line 4, start line 5

C/C end line CL-5, start line CL-6

slowed/resumed speed cleaned boomer

C/C END LINE CL-6, START LINE CL-7

slowed/resumed speed - belt change

Shut down paper change
Resume

GMT				TIME ZONE	SHIPS		NAVIGATION						
DAY	MO	YR	TIME		±	COURSE	SPD						
11	06	80	1600					43	853.9	14	431.8		
			1615						863.3		436.2		
			1630						872.4		440.3		
			1654						874.8		441.3		
12	06	80	0819					43	834.7	14	502.8		
			0830						832.9		495.1		
			0845						830.7		484.8		
			0900						828.5		474.6		
			0915						826.4		464.2		9/2
			0930						826.5		452.6		
			0945						826.6		441.0		
			1000						826.2		429.1		
			1015						826.3		417.2		
			1030	30					826.5		405.4		
			1045						826.2		394.3		
			1100						826.0		382.9		
			1115						826.5		371.0		
			1130						826.0		359.2		
			1145						826.3		347.4		
			1200						826.5		335.4		
			1215						826.6		323.4		
			1228						826.5		312.8		
			1230						826.4		311.3		
			1245						826.1		299.7		
			1300						826.1		288.3		
			1315						826.0		276.4		
			1330						826.5		265.4		
			1345						826.4		254.0		
			1400						826.3		242.4		
			1411	20				43	826.7	14	234.2		

OPS

COMMENTS AND OBSERVATIONS

12 KHZ
3.5 KHZ
C SP
MAG
GRAY
SONO
STA

END LN CL-7

Start Line CL-8 / Belt change

END LINE CL-8 - START LINE 9

PUT DOWN RECORDER TO CHANGE BELT
RECORDER BACK ON

End line CL-9 / Start line MVR-10

GMT				TIME ZONE	SHIPS		NAVIGATION			
DAY	MO	YR	TIME	±	COURSE	SPD				
12	06	80	141530				14231.8		43	828.2
			1430				224.2			835.7
			1445				215.0			842.3
			1500				14206.7		43	849.8
			1515				198.4			857.5
			152430				193.3			862.9
			153045				188.9			861.4
			1545				179.2			858.7
			1600				14168.6		43	856.1
			1605				165.2			855.1
			1607				163.7			854.7
			1615				158.3			853.3
			1630				147.7			850.2
			1645				137.5			847.5
			1700				127.4			844.7
			1715				117.0			841.8
			1725				110.1			840.0
			1730				107.0			842.3
			1745				096.6			849.7
			1749				093.6			852.1
			1800				088.5			860.4
			1815				081.4			872.1
			181630				14081.0		43	873.4

OPS

12 KHZ
3.5 MIN
C SP
MAG
GRAY
SONO
STA

COMMENTS AND OBSERVATIONS

line MVR-10

End line 10, START LINE 11

RECORDER DOWN - CHANGE BELT
BACK IN BUSINESS

c/c End line 11, Start line 12 Marquet Channel

c/A still line 12

PULL GEAR - END OF SURVEY