800123ei

GEOPHYSICS LOG

ASTERIAS 80-6B

Jun 10-12, 1980

S. R.I. SOUND

80-6B
ASTR
80012
103510

U. S. GEOLOGICAL SURVEY

OPS								COMMENTS AND OBSERVATIONS
	12 KHz	3.5 KHz	CSP	MAG	GRAV	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. EUSDEN
A. WHITNEY

OFFICE OF MARINE GEOLOGY
WOODS HOLE, MASS.
02543

GMT DAY	GMT MO	GMT YR	GMT TIME	TIME ZONE ±	SHIPS COURSE	SHIPS SPD	NAVIGATION			
10	06	80					14281.9	43857.1		
			1545				14279.7	43852.5		
			1600				14276.7	43846.2		
			1615				14274.7	43839.8		
			1630				272.0	833.1		
			1645				269.6	826.4		
			1700				267.2	819.2		
			1715				264.8	812.1		
			1730				262.0	804.7		
			1745				259.5	797.5		
			1759:20				257.0	791.1		
			1805				259.3	790.7		
			1815				266.2	788.8		
			1830				275.4	783.7		
			1845				285.3	779.1		
			1901				295.5	775.2		
			1905				297.8	774.1	C/C	
			1915				300.4	780.4		
			1930				304.0	788.7		
			1945				309.6	797.3		
			2000				316.9	805.8		
			2015				314.3	814.2		
			2030				317.6	822.6		
			2045				321.2	830.8		
			2100				323.7	838.7		
			2115				327.4	846.2		
			2130			330.5	330.5	854.0		
			2145				333.7	861.6		
			2200				337.0	869.6		
			2204:30				338.0	872.3		

OPS							COMMENTS AND OBSERVATIONS
12 KHz	3.5 KHz	CSP	MAG	GRAV	SONO	STA	
							LINE CL-1
							End line CL-1, Recorder down tell 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				14340.3	438711.7	
			0945				343.6	871.3	
			1000				356.5	869.5	
			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				14369.6	438821.8	
			1216				365.9	812.3	
			1230				362.1	804.6	
			1245				358.1	796.7	
			1300				355.0	788.6	
			1313				352.2	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	838.7	
			1545				427.3	844.0	

OPS							COMMENTS AND OBSERVATIONS
12 KHz	3.5 KHz	CSP	MAG	GRAV	SONO	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 slowed boomer
							C/C END LINE CL-6, START LINE CL-7
							slowed/resumed speed - belt change
							Shut down paper change
							Resume

GMT DAY	MO	YR	TIME	TIME ZONE ±	SHIPS COURSE	SPD	NAVIGATION			
11	06	80	1600				43	853.9	14	431.8
			1615					863.3		435.2
			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
			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	234.8

9/c

OPS						COMMENTS AND OBSERVATIONS
12 KHz	3.5 KHz	CSP	MAG	GRAV	SONO	STA
						END LN CL-7
						Start Line CL-8/ Belt change
						END LINE CL-8 - START LINE 9
						SHUT DOWN RECORDER TO CHANGE BELT
						RECORDER BACK ON
						End line CL-9 / Start Line MVR-10

GMT DAY	GMT MO	GMT YR	GMT TIME	TIME ZONE ±	SHIPS COURSE	SHIPS SPD	NAVIGATION	
12	06	80	1415 30				14231.8	43828.2
			1430				224.2	835.7
			1445				215.0	842.3
			1500				14206.7	43849.8
			1515				198.4	857.5
			1524 30				193.3	862.4
			1530 45				188.9	861.4
			1545				179.2	858.7
			1600				14168.6	43856.1
			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
			1816 30				14081.0	43873.4

OPS							COMMENTS AND OBSERVATIONS
12 KHz	3.5 KHz	CSP	MAG	GRAV	SONO	STA	
							line MVR - 10
							End line 10, START LINE 11
							RECORDER DOWN - CHANGE BELT BACK IN BUSINESS
							C/C End line 11, Start line 12 Muskeget Channel
							C/A still line 12
							PULL GEAR - END OF SURVEY