ASTR 96-1 105014
96016

USGS - BAMG

SEISMIC/GEOPHYSICS LOG

SHIP: ASTERIAS

CRUISE: AST 96-1 Ser# 96016

AREA: Long Island Sound

DATES: 6/11/96 → 6/17/1996

CHIEF SCIENTIST: Poppe

SHIP: Asterias

CRUISE: AST96-1

DATES: 6/11/96 →

AREA: Long Island Sound

CHIEF SCIENTIST: Poppe

PERSONNEL/AFFILIATION/FUNCTION

K. Parolski	USGS	marine seismic specialist
D. Olmsted	WHOI	captain
L. Poppe	USGS	scientist
M. Persaud	Div. Natl Res NY State Dept	scientist

Note: A) Checked bathymetric data against the Asterias's depth finder. 57' (17.37m) on the Asterias's system to 17.2 on the USGS system

B) Our system is adjusted to account for the ship's draft

Calibrated fish 6/12/95 - quality of calibration 50-50

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
1	960612 164	1251			DGPS	1515	1/1	1		SOL 1
1		1305								Restart Line 1
		1313								Lowered fish
		1335								Picked up a lobster pot
		1338								Picked up a pot Broke off line
		1344								Back on line
1		1355								EOL 1
2		1358	81	4.6						SOL 2
		1402								Raised fish & veered off track to avoid pots
2		1453								EOL 2
3		1455					1/1	1		SOL 3
		1511								Subbottom turned OFF/ON to check noise problem
3		1606								EOL 3
4		1609					1/1	1		SOL 4
4		1700								EOL 4 Inspected Fish
5		1705					1/1	1		SOL 5
5		1815					1/1	1		EOL 5

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
6	960612 164	1817	87	5.0	DGPS	1515	1/1	1		SOL 6
6		1912								EOL 6
7		1914	212	4.4						SOL 7
7		2013								Picked up a pod
7		2018								EOL 7
8		2020	90	4.5						SOL 8
8		2056								printer jammed NAV rebooted
8	960612 164	2122			DGPS	1515	1/1	1		EOL 8
9	960613 165	1151	269	6.0	DGPS	1515	2/2	2		SOL 9
9		1238								EOL 9
10		1240	85	4.4						SOL 10
		1320	87	5.0						Speed change (+20 rpm)
10		1338								EOL 10
11		1340	263	5.6						SOL 11
11		1429								EOL 11

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
12	960613 163	1431	88	5.4	DGPS	1515	2/2	2		SOL 12
12		1518								EOL 12
13		1520	263	4.9						SOL 13
13		1615								EOL 13
14		1618	83	5.8						SOL 14
14		1703								EOL 14
15		1705	266	5.0						SOL 15
15		1802								EOL 15
16		1803	86	5.7						SOL 16
		1806								Picked up a lobster pot
		1809								Back on line 16
16		1850								EOL 16
17		1852	267	5.0						SOL 17
17		1947								EOL 17

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
18	960613 165	1949	82	5.3	DGPS	1515	2/2	2		SOL 18
18		2037			DGPS	1515	2/2	2		EOL 18
19	960614 165	1148			DGPS	1515	3/3	3		SOL 19
		1232								EOL 19
		1234								SOL 20
		1327								EOL 20
		1329								SOL 21
		1419								EOL 21
		1421								SOL 22
		1507								EOL 22
		1509								SOL 23
		1605								EOL 23
		1607								SOL 24
		1650								EOL 24
		1652								SOL 25
		1753								EOL 25

Roanoke Point Survey

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
	960615 167	1205	270	6.2	DGPS	1515	4/4	4		SOL 1A
		1226								EOL 1A
		1224								SOL 2A
		1254								EOL 2A
		1256								SOL 3A
		1312								EOL 3A
		1314								SOL 4A
		1316								veering off line to avoid rocks/fishing boats
		1320								back on line 4A
		1339								EOL 4A
		1341								SOL 5A
		1352								EOL 5A
		1354								SOL 6A
		1412								EOL 6A

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
7A	960615 167	1414	270	5.8	DGPS	1515	4/4	4		SOL 7A
		14:23								Picked up a lobster pot
		1425								Back on Line 7A
		1428								EOL 7A
8A		1444								SOL 8A (1433 SOL 8A) EOL 8A
		1446								SOL 9A
		1455								EOL 9A
		1458	180	4.8						SOL 10A
		1506								EOL 10A
		1508								SOL 11A
		1516								EOL 11A
		1519	180	4.6						SOL 12A
		1527								EOL 12A
		1529								SOL 13A
		1538								EOL 13A

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
	960615 167	1540	180	4.9	DGPS	1515	4/4	4		SOL14A
		1549								EOL14A
		1551								SOL15A
		1559								EOL15A
		1602								SOL16A
		1611								EOL16A
		1623					4/4	4		SOL17A
		1651								EOL17A
		1653								SOL18A
		1712								EOL18A
		1714	220	3.6						SOL19A
		1745								EOL19A

FALKNER ISLAND

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
	96 06 15 167	1747	270		DGPS	1515	4/4	4		SOL 20A
		1805								EOL 20A
		1808								SOL 21A
		1815								Broke off line for spillbom
		1816								Back on line
		1837								EOL 21A
		1839								SOL 22A
		1857								EOL 22A
		1900	270	4.6						SOL 23A
		1925								EOL 23A
		19								
		1927	90	6.3						SOL 24A
		1941								BROKE OFF LINE for a spillbom
	96 06 15 167	1945			DGPS	1515	4/4	4		EOL 24A

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
25A	968616 168	1201	270	5.6	DGPS	1515	5/5	5		SOL 25A
		1220								EOL 25A
		1227								SOL 26A
		1237								EOL 26A
		1239								SOL 27A
		1248								EOL 27A
		1251								SOL 28A
		1301								EOL 28A
		1307								SOL 29A
		1319								EOL 29A
		1321								SOL 30A
		1331								EOL 30A
		1333								SOL 31
		1347								EOL 31

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
32	960616 168	1352			DGPS	7515	5/5	5		SOL32A
		1403								EOL32A
		1405								SOL 33A
		1415								EOL 33A
					END OF FALKNER ISLAND SURVEY					

LONG SAND SHOAL SURVEY

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
1B	960616 168	1528z	080	4.6	DGPS	1515	6/6	6		SOL 1B
		1546		5.7						increase in speed
		1553		4.7						slow down due to boat traffic
		1554		5.9						
		1628								EOL 1B
2B		1634	260	5.5						SOL 2B
		1655 → 17		10						Lost navigation
		1729					6/7	6		New nav disk; nav is back on line
		1738								EOL 2B
					END OF LONG SAND SHOAL SURVEY					