

SONOBUOY LOG

CRUISE NO. EW9209

DATE 9/8/1992 - JD 252

PROFILER A

SONOBUOY NO. 1

SEA STATE 1

SONOBUOY MODEL SSR 41B

SEA SURF. TEMP. 27.3°

SONOBUOY CHANNEL 3

DIST. TRAVELLED _____

BUOY START		BUOY END		SB RCVR. SETTINGS	
TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER	
<u>0009</u>	<u>0120</u>	<u>0040</u>	<u>710dB</u>	_____	
F/S TIME (RECORD) <u>069275</u>	_____	_____	_____	_____	
PIT LOG <u>3017.19</u>	<u>7.73</u>	<u>3019.92</u>	_____	_____	
LATITUDE <u>04 19.969</u>	_____	<u>04-26.5</u>	_____	_____	
LONGITUDE <u>42 24.347</u>	_____	<u>42-30.5</u>	_____	_____	
COURSE <u>138.7°</u>	_____	<u>137.4°</u>	_____	_____	
SPEED <u>6.6K.</u>	_____	<u>6.4K.</u>	_____	_____	
DEPTH <u>4712M</u>	_____	<u>4364</u>	TIME	DELAY	
SET <u>007.2</u>	_____	<u>007.2</u>	_____	_____	
DRIFT <u>1.9</u>	_____	<u>1.9</u>	_____	_____	
WIND DIR. (REL.) _____	_____	_____	_____	_____	
WIND SPEED (REL.) _____	_____	_____	_____	_____	
LOGGER TAPE _____	_____	_____	_____	_____	
MCS TAPE <u>63</u>	_____	<u>63</u>	_____	_____	
MCS FILE NO. <u>161</u>	_____	<u>109</u>	_____	_____	

REMARKS: Hydrophone at 60ft
0dB CHAN # 1 - SB RCV # 2 - NO FILTER
10dB CHAN # 2 - SB RCV # 2
0dB CHAN # 3 - SB RCV # 1 - NO FILTER

SONOBUOY LOG

CRUISE NO. EW/9209

DATE Sept 9, 1992 (JD 253)

PROFILER A

SONOBUOY NO. 2

SEA STATE 4

SONOBUOY MODEL SSQ41B

SEA SURF. TEMP. 27.6

SONOBUOY CHANNEL _____

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	<u>0817Z</u>	1.82 hrs. TIME OFF	<u>1006</u>	TIME	GAIN	FILTER
F/S TIME (RECORD)	1800Z ^{shot #} <u>1099Z</u>		^{shot #} <u>71380</u>			
PIT LOG	<u>3064.59</u>	11.62 nm. (interpolated) 11.62 nm.				
LATITUDE	<u>5°07.7'N</u>		<u>5°17.1'N</u>			
LONGITUDE	<u>43°03.8'W</u>		<u>43°12.6'</u>			
COURSE	<u>301.6</u>		<u>302</u>			
SPEED	<u>6.6</u>		<u>6.6</u>			
DEPTH	<u>4305m</u>		<u>4326</u>	TIME	DELAY	
SET	<u>020°</u>		<u>019°</u>			
DRIFT	<u>2.8"</u>		<u>2.2</u>			
WIND DIR. (REL.)	_____		_____			
WIND SPEED (REL.)	_____		_____			
LOGGER TAPE	_____		_____			
MCS TAPE	<u>64</u>		<u>64</u>			
MCS FILE NO.	<u>1882</u>		<u>2265</u>			

REMARKS: Hydrophone at 60 ft

3.03

SONOBUOY LOG

CRUISE NO.

DATE JD 253
 SONOBUOY NO. 3
 SONOBUOY MODEL 41B
 SONOBUOY CHANNEL 10

PROFILER A
 SEA STATE 1
 SEA SURF. TEMP. 28.5°C
 DIST. TRAVELLED _____

BUDY START

BUDY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>15:43:49.2</u>	<u>17:46:13</u>	_____	_____	_____
F/S TIME (RECORD) _____		_____	_____	_____
PIT LOG <u>3113.37</u>	<u>13.5nm</u>	<u>3176.87</u>	_____	_____
LATITUDE <u>542.2 N</u>		<u>6.0.12 N</u>	_____	_____
LONGITUDE <u>43 36.4 W</u>		<u>43 45.8 W</u>	_____	_____
COURSE <u>307.3</u>		<u>321</u>	_____	_____
SPEED <u>6.6</u>		<u>6.2</u>	_____	_____
DEPTH <u>1143.7 m</u>		<u>1138.1 m</u>	TIME	DELAY
SET <u>19.11</u>		<u>19.4</u>	_____	_____
DRIFT <u>0.8</u>		<u>0.8</u>	_____	_____
WIND DIR. (REL.) _____		_____	_____	_____
WIND SPEED (REL.) _____		_____	_____	_____
LOGGER TAPE _____		_____	_____	_____
MCS TAPE <u>65</u>		<u>65</u>	_____	_____
MCS FILE NO. <u>3457</u>		<u>3889</u>	_____	_____

REMARKS: Hydrophone @ 60ft.

SONOBUOY LOG

CRUISE NO.

DATE 13 September 1992 JO 257 PROFILER _____
 SONOBUOY NO. 4 SEA STATE _____
 SONOBUOY MODEL SSQ 41B SEA SURF. TEMP. 27.0
 SONOBUOY CHANNEL 8 DIST. TRAVELLED _____

BUOY START		BUOY END		SB RCVR. SETTINGS	
TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER	
<u>0856</u>	<u>1055</u>				
F/S TIME (RECORD) _____					
PITLOG <u>3583.11</u>	<u>12.89</u>	<u>3596.00</u>			
LATITUDE <u>3° 34.749' N</u>		<u>3° 53.0' N</u>			
LONGITUDE <u>42° 56.706' W</u>		<u>42° 45.2' W</u>			
COURSE <u>60</u>		<u>61</u>			
SPEED <u>6.6</u>		<u>6.4</u>			
DEPTH <u>3407 m</u>		<u>3567</u>	TIME	DELAY	
SET <u>011.1</u>		<u>000.3</u>			
DRIFT <u>1.6</u>		<u>2.3</u>			
WIND DIR. (REL.) _____					
WIND SPEED (REL.) _____					
LOGGER TAPE _____					
MCS TAPE <u>77</u>		<u>77</u>			
MCS FILE NO. <u>0566</u>		<u>1042</u>			
Spot # <u>000567</u>		<u>1043</u>			

REMARKS:

Hydrophone at 60ft

SONOBUOY LOG

CRUISE NO.

DATE 10 25, Sept. 13 1992

PROFILER _____

SONOBUOY NO. 5

SEA STATE _____

SONOBUOY MODEL 41B

SEA SURF. TEMP. 127.3°C

SONOBUOY CHANNEL 1

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 16:08:14

TIME OFF 17:47:13

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG 26:50.98

10.71

26:40:19

LATITUDE 41° 22' 01.5" N

41° 21' 01"

LONGITUDE 174° 39' 6.12" W

174° 42' 48.2" W

COURSE 300

295

SPEED 2.5 kt

2.2 kt

DEPTH 1000

1001

TIME DELAY

SET 10:5:11

11:11

DRIFT 0.4

1.3

WIND DIR. (REL.) _____

WIND SPEED (REL.) _____

LOGGER TAPE _____

MCS TAPE _____

MCS FILE NO. 974

870

ACQUISITION 10:11

26:42

REMARKS:

Hydrophone at 400ft. 1 sec from a loud hot BMT very rugged; RATS!

SONOBUOY LOG

CRUISE NO.

DATE 260JD 16 SEPT 92
 SONOBUOY NO. 6
 SONOBUOY MODEL 41B
 SONOBUOY CHANNEL 8

PROFILER _____
 SEA STATE _____
 SEA SURF. TEMP. 27.1°C
 DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>1221:11</u>	<u>1413</u>	_____	_____	_____
F/S TIME (RECORD) <u>1221:11</u>	_____	_____	_____	_____
PITLOG <u>4013.20</u>	<u>12.36</u>	<u>4025.56</u>	_____	_____
LATITUDE <u>3° 44.25' N</u>	_____	<u>3° 55.69'</u>	_____	_____
LONGITUDE <u>43° 03.11' W</u>	_____	<u>43° 12.69'</u>	_____	_____
COURSE <u>310°</u>	_____	<u>309</u>	_____	_____
SPEED <u>6.4 kt</u>	_____	<u>6.1 kt</u>	_____	_____
DEPTH <u>3598 (HS centerbeam) ←</u>	<u>3267</u>	_____	_____	_____
SET _____	<u>3553</u>	_____	_____	_____
DRIFT <u>2.0</u>	<u>1.9</u>	_____	_____	_____
WIND DIR. (REL.) _____	_____	_____	_____	_____
WIND SPEED (REL.) _____	_____	_____	_____	_____
LOGGER TAPE _____	_____	_____	_____	_____
MCS TAPE <u>87</u>	<u>87</u>	_____	_____	_____
MCS FILE NO. <u>75</u>	<u>File #523</u>	_____	_____	_____
WGS SHOT # <u>21786</u>	<u>SP 22,234</u>	_____	_____	_____

REMARKS:

Hydrophone @ 60ft

SONOBUOY LOG

CRUISE NO.

DATE JD 260/ Sept 16
 SONOBUOY NO. 7
 SONOBUOY MODEL 41B
 SONOBUOY CHANNEL 10

PROFILER _____
 SEA STATE _____
 SEA SURF. TEMP. 27.4
 DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>2005:25 2</u>	<u>2200</u>			
F/S TIME (RECORD)				
PITLOG <u>4064.06</u>	<u>12.19</u>	<u>467625</u>		
LATITUDE <u>4° 17.76' N</u>				
LONGITUDE <u>43° 38.12' W</u>				
COURSE <u>220</u>				
SPEED <u>4.9</u>				
DEPTH <u>3124</u>				
SET <u>26</u>				
DRIFT <u>2.0</u>				
WIND DIR. (REL.)				
WIND SPEED (REL.)				
LOGGER TAPE <u>187</u>				
MCS TAPE				
MCS FILE NO.	<u>2387</u>			

REMARKS: F 1932
 SP 23 (43)

Hydrophone @ 60 ft.
 passing ship prop noise 2010-2020
 Missed first 2000 ft. shots. PD-wave on recorder

DEAD

SONOBUOY LOG

CRUISE NO.

DATE JD 261 SEPT 16 '92PROFILER ASONOBUOY NO. 8

SEA STATE _____

SONOBUOY MODEL 41BSEA SURF. TEMP. 27.8SONOBUOY CHANNEL 7

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>1226:52</u>	<u>1408:52</u>			
F/S TIME (RECORD) _____				
FITLOG <u>4148.17</u>	<u>10.51</u>	<u>4158.68</u>		
LATITUDE <u>5° 05.38'N</u>		<u>5° 11.68'N</u>		
LONGITUDE <u>43° 47.06'W</u>		<u>43° 55.06'W</u>		
COURSE <u>296°</u>		<u>296°</u>		
SPEED <u>6.5 kt</u>		<u>6.4 kt</u>		
DEPTH <u>3685 m</u>		<u>3649 m</u>	TIME	DELAY
SET <u>20.8°</u>		<u>21.5°</u>		
DRIFT <u>1.3</u>		<u>1.3</u>		
WIND DIR. (REL.) _____				
WIND SPEED (REL.) _____				
LOGGER TAPE <u>89</u>		<u>89</u>		
MCS TAPE _____				
MCS FILE NO. <u>654</u>		<u>1054</u>		
SP <u>27569</u>		<u>27969</u>		

REMARKS:

Hydrophone @ 60ft
1249Z - current appeared - make 5° course change to starboard

SONOBUOY LOG

CRUISE NO.

DATE 30 SEP. 16, 1992

PROFILER _____

SONOBUOY NO. 9

SEA STATE _____

SONOBUOY MODEL 41B

SEA SURF. TEMP. 28.1°C

SONOBUOY CHANNEL #3

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>17:56:00</u>	_____	_____	_____	_____
F/S TIME (RECORD)	_____	_____	_____	_____
PIT LOG <u>4182.63</u>	_____	_____	_____	_____
LATITUDE <u>30° 29.12N</u>	_____	_____	_____	_____
LONGITUDE <u>113° 14.21W</u>	_____	_____	_____	_____
COURSE <u>28.11</u>	_____	_____	_____	_____
SPEED _____	_____	_____	_____	_____
DEPTH _____	_____	TIME	DELAY	_____
SET <u>16.1</u>	_____	_____	_____	_____
DRIFT _____	_____	_____	_____	_____
WIND DIR. (REL.) _____	_____	_____	_____	_____
WIND SPEED (REL.) _____	_____	_____	_____	_____
LOGGER TAPE _____	_____	_____	_____	_____
MCS TAPE <u>89</u>	<u>89</u>	_____	_____	_____
MCS FILE NO. <u>1971</u>	_____	_____	_____	_____

REMARKS:

*CC high gain, v. noisy paper record: prob. the recorder, SB, there is local
power supply at around the approx. T (lightning)*

SONOBUOY LOG

CRUISE NO.

DATE JD 262 Friday 18 Sept, 1972

PROFILER A

SONOBUOY NO. 11

SEA STATE _____

SONOBUOY MODEL 41B

SEA SURF. TEMP. 28.4°C

SONOBUOY CHANNEL 8

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 15:56:00

TIME OFF 1751?

TIME GAIN FILTER

F/S TIME (RECORD) _____

PIT LOG 4321.62

12.45nm (interp.)

4334.07 (interp.)

LATITUDE 6° 22.1 N

LONGITUDE 43° 4.6 W

COURSE 316.4°

SPEED ~~4.2~~ 6.1 kt

DEPTH 4664 m

TIME DELAY

SET 674.5

DRIFT 0.6

WIND DIR. (REL.) _____

WIND SPEED (REL.) _____

LOGGER TAPE _____

MCS TAPE 92

92

MCS FILE NO. 1345

1805

30166

34626

PIT LOG
1730 4331.43
1800 4334.54
3.11

$4334.54 - (3.11 \times \frac{9}{60}) = 4334.07$

REMARKS:

2000 35
depth 60 ft.