

SONOBUOY LOG

CRUISE NO. EW 9101

DATE 9 Feb, 91 40J

PROFILER D

SONOBUOY NO. 1

SEA STATE 2

SONOBUOY MODEL SSA 57A

SEA SURF. TEMP. 1.0

SONOBUOY CHANNEL 12

DIST. TRAVELLED

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0320

TIME OFF 0542

TIME GAIN FILTER

F/S TIME (RECORD) SP 1857

SP 2284

PITLOG 920

932

LATITUDE 62 11.71

62 21.7

LONGITUDE 56 22.95

56 08.9

COURSE 154 cse

148

SPEED 5.0 kts

5.2

DEPTH 1084m

437

TIME DELAY

SET 137.3

102.8

DRIFT

WIND DIR. (REL.)

WIND SPEED (REL.)

LOGGER TAPE

MCS TAPE

MCS FILE NO.

REMARKS: Analog only.

SONOBUOY LOG

CRUISE NO.

DATE 09 Feb 1991 040jPROFILER DSONOBUOY NO. 2SEA STATE 1SONOBUOY MODEL SSQ 57ASEA SURF. TEMP. 0.1SONOBUOY CHANNEL 20
Seismic Chan 141

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1013 Z

TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) SP 3094
FILE 043PITLOG 954.55LATITUDE 62 23.4027 SLONGITUDE 56 11.9198 WCOURSE 310SPEED 5.4DEPTH 372 m

SET _____

DRIFT _____

WIND DIR. (REL.) _____

WIND SPEED (REL.) _____

LOGGER TAPE _____

MCS TAPE 84MCS FILE NO. 43

TIME DELAY

1013 ØREMARKS: Signal Good; Water bottom drops
off pretty early.

SONOBUOY LOG

CRUISE NO.

DATE 0415 Feb 10, 91PROFILER DSONOBUOY NO. 3SEA STATE ~~CALM~~ 3SONOBUOY MODEL 57SEA SURF. TEMP. 1.6°CSONOBUOY CHANNEL 12

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0038:09Z TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) ✓PITLOG 1022.48LATITUDE 62° 18.7032LONGITUDE 57° 02.8559COURSE 1630SPEED 5.2 ktsDEPTH 1429m

SET _____

DRIFT _____

WIND DIR. (REL.) _____

WIND SPEED (REL.) _____

LOGGER TAPE _____

MCS TAPE 129MCS FILE NO. 630

channel 141

REMARKS:

SONOBUOY LOG

CRUISE NO. EW 91-01

DATE 10 February 1991

PROFILER Seismics #3

SONOBUOY NO. 4 / Line AP-5

SEA STATE calm

SONOBUOY MODEL SSQ-57A

SEA SURF. TEMP. 1.0°C

SONOBUOY CHANNEL 20

DIST. TRAVELLED ~ 16 Km.

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
22:11:54	0000Z, 11 February			10-60Hz
F/S TIME (RECORD)				
PIT LOG				
LATITUDE				
LONGITUDE				
COURSE				
SPEED				
DEPTH		TIME	DELAY	
SET				
DRIFT				
WIND DIR. (REL.)				
WIND SPEED (REL.)				
LOGGER TAPE				
MCS TAPE				
MCS FILE NO.				

ch 141

REMARKS:

SONOBUOY LOG

CRUISE NO. EW 91-01
Line AP-6

DATE 11 February (JD042) PROFILER D

SONOBUOY NO. 5A

SEA STATE 3

SONOBUOY MODEL SSQ-57

SEA SURF. TEMP. 1.4°C

SONOBUOY CHANNEL 6

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1840z

TIME OFF 1852z

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG 1203.47

LATITUDE 62° 38.8'S

LONGITUDE 58° 25.1'W

COURSE 310°

SPEED 5.2 kts.

DEPTH 1637m (Hydrosweep)

TIME DELAY

SET _____

DRIFT _____

WIND DIR. (REL.) STARBOARD BOW

WIND SPEED (REL.) ~ 15 kts.

LOGGER TAPE —

MCS TAPE 233

234

MCS FILE NO. 1475

1509

No antenna
deployment

REMARKS:

SONOBUOY LOG

CRUISE NO.

EW91-01 / Line AP-6

DATE 042J / 11 February

SONOBUOY NO.

5

PROFILER

Sonobuoy

SONOBUOY MODEL

SSQ-57

SEA STATE

3

SONOBUOY CHANNEL

9

SEA SURF. TEMP.

1.5°C

DIST. TRAVELLED

~12 KM.

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
1853Z	~2010Z			
F/S TIME (RECORD)				
PITLOG				
1204.25				
LATITUDE				
62° 38.17'S				
LONGITUDE				
58° 27.05'W				
COURSE				
307°				
SPEED				
4.9-5.3 kts.				
DEPTH				
1650 m (Hydro.)				
SET				
DRIFT				
WIND DIR. (REL.)				
STARBOARD Bow (NW)				
WIND SPEED (REL.)				
15-20 kts.				
LOGGER TAPE				
—				
MCS TAPE				
234				
MCS FILE NO.				
1512				

REMARKS:

Phone depth 400'
Chan 141

SONOBUOY LOG

CRUISE NO.

EW91-01 / Line AP-8

DATE 12 February 1991

SONOBUOY NO.

6A

SONOBUOY MODEL

SSQ-57

SONOBUOY CHANNEL

12

PROFILER

sonobuoy

SEA STATE

calm

SEA SURF. TEMP.

11°C

DIST. TRAVELLED

23 KM.

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1743:10TIME OFF 1805

TIME

GAIN

FILTER

F/S TIME (RECORD)

PITLOG 1396.16

LATITUDE

62 47.028 S

LONGITUDE

59 03.989 W

COURSE

303°

SPEED

5.2 kts.

DEPTH

1441 m.

SET

207.5

DRIFT

1.1

WIND DIR. (REL.)

(~~10~~) variable

WIND SPEED (REL.)

<10 kts

LOGGER TAPE

MCS TAPE

293 (AP00)

MCS FILE NO.

2950

REMARKS:

60' phone
depthProbably got
caught on the
streamer,

EW9101/AP-08

SONOBUOY LOG

CRUISE NO.

DATE 12 February 1991 (043J) PROFILER SONOBUOY
 SONOBUOY NO. 6 SEA STATE calm
 SONOBUOY MODEL SSQ-57 SEA SURF. TEMP. 1.1°C
 SONOBUOY CHANNEL 15 DIST. TRAVELLED ~33 KM

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
18:16:34	2200Z			
F/S TIME (RECORD)				
PITLOG				
LATITUDE				
LONGITUDE				
COURSE				
SPEED				
DEPTH		TIME	DELAY	
SET				
DRIFT				
WIND DIR. (REL.)				
WIND SPEED (REL.)				
LOGGER TAPE				
MCS TAPE				
MCS FILE NO.				

REMARKS:

channel 141
 60' phone depth.

SONOBUOY LOG

CRUISE NO.

EW91-01 / Line AP-11.

DATE 044J/13 FebruarySONOBUOY NO. 7SONOBUOY MODEL SSQ-57SONOBUOY CHANNEL 15PROFILER DSEA STATE calmSEA SURF. TEMP. 1.4°CDIST. TRAVELLED 31 KM.

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1735ZTIME OFF 2100Z

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG 1394.5LATITUDE 62° 50.6'SLONGITUDE 60° 07.9'WCOURSE 130°SPEED 5.0 KtsDEPTH 906 m.SET 81.7°DRIFT 0.4 KtsWIND DIR. (REL.) —WIND SPEED (REL.) —

LOGGER TAPE _____

MCS TAPE 353MCS FILE NO. 147

TIME DELAY

course Δ: @1948 c/c to 150° End 1362

REMARKS:

chan 141
 60 phone depth. Topography
 soon after buoy thrown.

SONOBUOY LOG

CRUISE NO.

EW91-01 / Line AP-11

DATE 044T / 13 February

SONOBUOY NO. 8

SONOBUOY MODEL SSQ-57

SONOBUOY CHANNEL 9

PROFILER D

SEA STATE calm

SEA SURF. TEMP. 1.0°C

DIST. TRAVELLED ~15Km.

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 2106Z TIME OFF ~2250

TIME GAIN FILTER

F/S TIME (RECORD)

PITLOG 1411.54

LATITUDE 63° 04.969'S

LONGITUDE 59° 45.819'W

COURSE 149°

SPEED 5.1 Kts

DEPTH 879m

SET

DRIFT

WIND DIR. (REL.)

WIND SPEED (REL.)

LOGGER TAPE

MCS TAPE 362

MCS FILE NO. 780

REMARKS: chann 141

60' hydrophone depth. Slope upward soon after buoy thrown.

SONOBUOY LOG

CRUISE NO.

EW91-01/AP-16

DATE 15 Feb 1991 / 046J

PROFILER D

SONOBUOY NO. 9

SEA STATE calm

SONOBUOY MODEL 55Q-57

SEA SURF. TEMP. 0.8°C

SONOBUOY CHANNEL 6

DIST. TRAVELLED

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1550

TIME OFF

1745Z

TIME

GAIN

FILTER

F/S TIME (RECORD) 44

switch
to sonobouy

PITLOG 1595.71

#10 on

LATITUDE 62 40.4

channel

LONGITUDE 59 32.3

13

COURSE 69

SPEED 5.3

DEPTH 1463

TIME

DELAY

SET 170

DRIFT 0.0

WIND DIR. (REL.) variable

WIND SPEED (REL.) 100

LOGGER TAPE 461

MCS TAPE 461

MCS FILE NO.

REMARKS:

chan 141

60 hydrophone depth
on trace 141

SONOBUOY LOG

CRUISE NO.

EW91-01 / Line AP-16

DATE 15 February

PROFILER D

SONOBUOY NO. 100

SEA STATE Calm

SONOBUOY MODEL SSQ-57

SEA SURF. TEMP. 1.2°C

SONOBUOY CHANNEL 13

DIST. TRAVELLED

Receiver 1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1751z TIME OFF OFF ANALOG @ 1950z

F/S TIME (RECORD)

PITLOG 1605.17

LATITUDE 62° 44.523' S

LONGITUDE 59° 11.696' W

COURSE 66°

SPEED 5.6 kts

DEPTH 1447 m

SET 055°

DRIFT 0.4 kts.

WIND DIR. (REL.) Variable

WIND SPEED (REL.) Calm

LOGGER TAPE

MCS TAPE A67

MCS FILE NO. 0405

REMARKS: 60' phone depth / trace 142

SONOBUOY LOG

CRUISE NO.

EW91-01 / Line AP-16

DATE 046J/15 FebruarySONOBUOY NO. 11SONOBUOY MODEL SSQ-57ASONOBUOY CHANNEL 18

Receiver 2

PROFILER sonobuoySEA STATE 2SEA SURF. TEMP. 1.4°C

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1951ZTIME OFF ANALOG

TIME GAIN FILTER

F/S TIME (RECORD) _____

RECORDING

FITLOG 1614.5

OFF @

LATITUDE 62° 40.603'S2150ZLONGITUDE 58° 49.891COURSE 069°SPEED 5.1 Kts.DEPTH 1615 mSET —DRIFT —WIND DIR. (REL.) calmWIND SPEED (REL.) < 10 Kts.

LOGGER TAPE _____

MCS TAPE 472MCS FILE NO. 765

TIME DELAY

REMARKS:

60' phone depth. trace 141.
 Good deployment / excellent record.

SONOBUOY LOG

CRUISE NO.

EW 91-01 / Line AP-16.

DATE 046J/15 FebruarySONOBUOY NO. 12ASONOBUOY MODEL SSQ-57SONOBUOY CHANNEL 16

Receiver #1

PROFILER sonobuoySEA STATE 4SEA SURF. TEMP. 1.2°CDIST. TRAVELLED ~ 4km

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 2152z TIME OFF 2218z

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG 1623.3LATITUDE 62° 37.077LONGITUDE 58° 28.715COURSE 069°SPEED 5.1 kts.DEPTH 1664m.SET 269°DRIFT 0.5 kts.WIND DIR. (REL.) SWWIND SPEED (REL.) 20 kts.

LOGGER TAPE _____

MCS TAPE 477MCS FILE NO. 1130

TIME

DELAY

REMARKS:

60' phone depth trace 142
 Intermittent signal levels on analog recorder.
 Aborted - fading signal.

SONOBUOY LOG

CRUISE NO.

EW 91-01 / Line AP-16

DATE 046J / 15 February

PROFILER

Sonobuoy

SONOBUOY NO.

12

SEA STATE

4

SONOBUOY MODEL

SSQ-57

SEA SURF. TEMP.

1.3°C

SONOBUOY CHANNEL

8

DIST. TRAVELLED

(analog)

Receiver #1

~15 km

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT

2219Z

TIME OFF

(analog)

TIME

GAIN

FILTER

F/S TIME (RECORD)

2352Z

PITLOG

1625.4

LATITUDE

62° 36.239'S

LONGITUDE

58° 24.097'W

COURSE

068°

SPEED

5.0 kts.

DEPTH

1672 m.

TIME

DELAY

SET

269°

DRIFT

0.3 kts.

WIND DIR. (REL.)

SW

WIND SPEED (REL.)

20 kts

LOGGER TAPE

MCS TAPE

479

MCS FILE NO.

1210

REMARKS:

60' phone depth / excellent quality
trace 142

SONOBUOY LOG

CRUISE NO.

EW 91-01 / Line AP-16

DATE 046J/15 February

SONOBUOY NO. 13

SONOBUOY MODEL SSQ-57

SONOBUOY CHANNEL 13

PROFILER D

SEA STATE 4

SEA SURF. TEMP. 1.5°C

DIST. TRAVELLED

Receiver #2

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 2353z TIME OFF 047J W 0150Z

TIME GAIN FILTER

F/S TIME (RECORD)

PITLOG 1632.32

LATITUDE 62° 36.664' S

LONGITUDE 58° 09.3636' W

COURSE 72°

SPEED 4.2 kts

DEPTH 1719 m.

SET —

DRIFT —

WIND DIR. (REL.) SW

WIND SPEED (REL.) 20 kts

LOGGER TAPE

MCS TAPE 483

MCS FILE NO. 1473

TIME

DELAY

REMARKS:

60' phone depth / trace 141.
Good signal.

SONOBUOY LOG

CRUISE NO.

EW9101 / LINE AP16

DATE 047 / 16 FEB 91PROFILER 0SONOBUOY NO. 14SEA STATE 4SONOBUOY MODEL 550 57ASEA SURF. TEMP. 1.3SONOBUOY CHANNEL 4

DIST. TRAVELLED _____

RX#1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0200ZTIME OFF switch to sonobuoy

TIME GAIN FILTER

F/S TIME (RECORD) _____

FIT LOG 1641.51

15

LATITUDE S 62° 30.3602

@

LONGITUDE W 57° 51.1084COURSE 76°SPEED 4.7 Kts H2O 4.4 Kts genoDEPTH 1695.00

TIME DELAY

SET _____

DRIFT _____

WIND DIR. (REL.) SW from 205WIND SPEED (REL.) 15 Kts

LOGGER TAPE _____

MCS TAPE 408MCS FILE NO. 1808

REMARKS:

60 fathoms depth CHANNEL 142

EW9101-AP-16

SONOBUOY LOG

CRUISE NO.

DATE 098 16 FEB 1991PROFILER DSONOBUOY NO. 55057A 15SEA STATE 4SONOBUOY MODEL 55057ASEA SURF. TEMP. 1.1°CSONOBUOY CHANNEL 11

DIST. TRAVELLED _____

RX #2

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0508TIME OFF 2062025

TIME GAIN FILTER

F/S TIME (RECORD) 02436signal 0640 end
strengthPIT LOG 1654.97

decreased 1661.96

LATITUDE 62 26.5

62 24.44

LONGITUDE 57 24.6

57 11.68

COURSE 74:1

81.3

SPEED 4.1

4.6

DEPTH 1317

1149

TIME DELAY

SET 323.3

327.4

DRIFT 0.6

0.2

WIND DIR. (REL.) variable

variable

WIND SPEED (REL.) LOW

LOW

LOGGER TAPE -

-

MCS TAPE 497

501

MCS FILE NO. -

-

REMARKS:

chan 141

60' phone depth, channel

(141)

EW9101-AP-16

SONOBUOY LOG

CRUISE NO.

DATE 16 Feb 1991 047JPROFILER DSONOBUOY NO. 16SEA STATE CAIMSONOBUOY MODEL SSQ-57SEA SURF. TEMP. 1.0°CSONOBUOY CHANNEL 10(?)

DIST. TRAVELLED _____

Rx 2

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0659 44 TIME OFF 1157 49
(EOL)

TIME GAIN FILTER

F/S TIME (RECORD) 27703665FIT LOG 1662.761683LATITUDE 62 23.9162 15.0LONGITUDE 57 08.9156 21.8COURSE 70.3075SPEED 5.05.0DEPTH 1106829

TIME DELAY

SET 327.4038.5DRIFT 0.20.6WIND DIR. (REL.) variableWIND SPEED (REL.) lowlowLOGGER TAPE -MCS TAPE 502515MCS FILE NO. 27703665chan 142 SD 2770

REMARKS:

60' hydrophone depth
 problems with recorder D
 streamer channel did not appear to
 receive signal until 0703Z, at SP 2781

142

SONOBUOY LOG

CRUISE NO.

DATE 16 Feb 91 JD 47PROFILER DSONOBUOY NO. 17SEA STATE calmSONOBUOY MODEL 57SEA SURF. TEMP. 1.3 °CSONOBUOY CHANNEL 8

DIST. TRAVELLED _____

Rx 1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0905:29TIME OFF 1157 49

TIME GAIN FILTER

F/S TIME (RECORD) 31483665

PITLOG _____

1683LATITUDE 62 20.14.0162 15.0LONGITUDE 56 48.704856 21.8

COURSE _____

075

SPEED _____

5.0

DEPTH _____

829

TIME DELAY

SET _____

038.5

DRIFT _____

0.6

WIND DIR. (REL.) _____

WIND SPEED (REL.) _____

low

LOGGER TAPE _____

MCS TAPE 508515MCS FILE NO. 31483665

REMARKS: ON DSS channel 141 JD season 142
 some data lost due to frequency shift of
~~buoy~~ buoy or receiver.

SONOBUOY LOG

CRUISE NO. EW91-01 / Line AP-18

DATE 047 J/16 February

PROFILER sonobuoy

SONOBUOY NO. 18

SEA STATE 5

SONOBUOY MODEL SSR-57

SEA SURF. TEMP. 1.0°C

SONOBUOY CHANNEL 16

DIST. TRAVELLED

Receiver #1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
2323Z	0825/048 1158			
F/S TIME (RECORD)				
FIT LOG				
LATITUDE				
LONGITUDE				
COURSE				
SPEED				
DEPTH		TIME	DELAY	
SET				
DRIFT				
WIND DIR. (REL.)				
WIND SPEED (REL.)				
LOGGER TAPE				
MCS TAPE				
MCS FILE NO.				

REMARKS:

60' phone depth / trace 141
 ~ 0015Z (048 J) — lost signal
 ~ 0020Z — re-tuned buoy

SONOBUOY LOG

CRUISE NO.

EW91-01 / Line AP-19

DATE 17 FEB 1991PROFILER 0SONOBUOY NO. 19SEA STATE 6SONOBUOY MODEL 55Q57ASEA SURF. TEMP. -1.0°CSONOBUOY CHANNEL 12DIST. TRAVELLED 35KM

Receiver #2

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0940:12TIME OFF 1430Z

TIME GAIN FILTER

F/S TIME (RECORD) _____

(SB# 21 on
Receiver #2)PITLOG 1770.08LATITUDE 62° 18.5838' SLONGITUDE 55° 37.7012' WCOURSE 255SPEED 5.1DEPTH 355 mSET 0.5DRIFT 5°WIND DIR. (REL.) 50°WIND SPEED (REL.) 29 kts

LOGGER TAPE _____

MCS TAPE 565MCS FILE NO. 100

TIME DELAY

REMARKS:

60' phone depth.

SONOBUOY LOG

CRUISE NO.

EW91-01 / Line AP-19

DATE 048J / 17 FebPROFILER sonobuoySONOBUOY NO. 20SEA STATE 5SONOBUOY MODEL SSQ-57SEA SURF. TEMP. -0.7°CSONOBUOY CHANNEL ~~16~~ 19DIST. TRAVELLED 735 KM

Receiver # 1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1202 ZTIME OFF R#1

TIME GAIN FILTER

F/S TIME (RECORD) _____

off @ 1910Z

FIT LOG 1777.5LATITUDE 62° 23.7' SLONGITUDE 56° 02.5' WCOURSE 252°SPEED 5 ktsDEPTH 386 mSET 226°DRIFT 1.7WIND DIR. (REL.) 40°WIND SPEED (REL.) 22 kts

LOGGER TAPE _____

MCS TAPE 572

593

MCS FILE NO. 285

1571

REMARKS:

60' phone depth

powered down speed slightly
@ 174732, speeds had been averaging
5 to 8 knots. Signal lost(?) 174902Z

SONOBUOY LOG

CRUISE NO.

EW91-01 / Line AP-19

DATE 048J / 17 FebPROFILER sonobuoySONOBUOY NO. 21SEA STATE 5SONOBUOY MODEL SSQ-57SEA SURF. TEMP. 0.2SONOBUOY CHANNEL 10DIST. TRAVELLED 735km

Receiver # 2

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1430TIME OFF R# 2

TIME GAIN FILTER

F/S TIME (RECORD) _____

off @ 1910ZFITLOG 1786.7LATITUDE 62° 29.1LONGITUDE 56° 28.9COURSE 252°SPEED 5.8 ktsDEPTH 371m

TIME DELAY

SET 240DRIFT 2.0WIND DIR. (REL.) 015WIND SPEED (REL.) 15 kts

LOGGER TAPE _____

MCS TAPE 580593MCS FILE NO. 7301571

REMARKS:

60' phone depth 1747Z — slowed
down slightly. Signal lost (?) @ 1902Z

SONOBUOY LOG

CRUISE NO. EW91-01 / Line AP-19DATE 048J / 17 February 1991PROFILER DSONOBUOY NO. 22SEA STATE 0SONOBUOY MODEL SSQ-57SEA SURF. TEMP. 1.2°CSONOBUOY CHANNEL 4

DIST. TRAVELLED _____

Receiver #1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 2203:13 TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG ~ 1819.75 _____LATITUDE 62° 45.344'S _____LONGITUDE 57° 46.971 _____COURSE 247° _____SPEED 4.9 Kts. _____DEPTH 750 m _____

SET _____

DRIFT _____

WIND DIR. (REL.) Variable _____WIND SPEED (REL.) calm _____

LOGGER TAPE _____

MCS TAPE 601 _____MCS FILE NO. 2088 _____

TIME DELAY

REMARKS:

60' phone depth / trace 141 No
digital signal until 22:12Z. Inter-
mittent signal before 2230Z.

SONOBUOY LOG

CRUISE NO.

DATE 18 FEB 91
SONOBUOY NO. 23
SONOBUOY MODEL 55857A
SONOBUOY CHANNEL 14

PROFILER D
SEA STATE 2
SEA SURF. TEMP. 1.5°C
DIST. TRAVELLED _____

BUOY START	BUOY END	SB RCVR. SETTINGS		
TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>0154Z</u>	<u>0500Z</u>			
F/S TIME (RECORD) <u>3027</u>	<u>3586</u>			
PITLOG <u>1837.43</u>	<u>1852.93</u>			
LATITUDE <u>62 53.042</u>	<u>62 59.46</u>			
LONGITUDE <u>58 24.58</u>	<u>58 57.109</u>			
COURSE <u>251</u>	<u>242</u>			
SPEED <u>5.4</u>	<u>6.1</u>			
DEPTH <u>735</u>	<u>486</u>	TIME	DELAY	
SET <u>186.6</u>	<u>191</u>			
DRIFT <u>0.4</u>	<u>0.3</u>			
WIND DIR. (REL.) <u>Variable</u>	<u>variable</u>			
WIND SPEED (REL.) <u>Dead calm</u>	<u>dead calm</u>			
LOGGER TAPE <u>—</u>	<u>—</u>			
MCS TAPE <u>612</u>	<u>620</u>			
MCS FILE NO. <u>2785</u>	<u>3586</u>			

REMARKS:

60' hydrophone depths

SONOBUOY LOG

CRUISE NO.

DATE 18 Feb '91 049JPROFILER DSONOBUOY NO. 24SEA STATE 1/2

SONOBUOY MODEL _____

SEA SURF. TEMP. 1.2SONOBUOY CHANNEL 17

DIST. TRAVELLED _____

Rx 1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0719ZTIME OFF 09180Z

TIME GAIN FILTER

F/S TIME (RECORD) _____

~ looks bad for
last 20 min.
1873.2FITLOG 1864.3LATITUDE S 63°04.789163°07.9459LONGITUDE W 59°19.958459°39.7310COURSE 260°257°SPEED 4.8 KTS4.9 KTSDEPTH 780m643m

TIME DELAY

SET _____

DRIFT _____

WIND DIR. (REL.) _____

WIND SPEED (REL.) _____

LOGGER TAPE /MCS TAPE 0627632MCS FILE NO. #3756#4114

REMARKS:

SONOBUOY LOG

CRUISE NO.

EW91-01/Line AP-23

DATE 051J Feb 20, 1991

PROFILER D

SONOBUOY NO. 25

SEA STATE 3

SONOBUOY MODEL SSQ-57

SEA SURF. TEMP. 1.0°C

SONOBUOY CHANNEL 17

DIST. TRAVELLED

Receiver #1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 2240:20Z TIME OFF 0321:16

TIME GAIN FILTER

F/S TIME (RECORD)

PITLOG 2099.36

2121.73

LATITUDE S 62° 25.407

6212.229

LONGITUDE W 61° 03.3305

6023.522

COURSE 056°

55.9

SPEED 4.9 KTS

4.8

DEPTH 122m

132

SET 93.1

346.4

DRIFT 0.4

0.3

WIND DIR. (REL.) 125° on Port bow

2070°

WIND SPEED (REL.) 15 KTS

18 KTS

LOGGER TAPE

MCS TAPE 761

770

MCS FILE NO. 361

1202

REMARKS:

60' phone depth / good signal. Trace 142.

SONOBUOY LOG

EW 9101

CRUISE NO.

LINE AP 26

DATE 22 Feb 1991 053 JPROFILER Sonobuoy (D)SONOBUOY NO. 26SEA STATE 6SONOBUOY MODEL SSQ-57SEA SURF. TEMP. 0.9 ktsSONOBUOY CHANNEL 11DIST. TRAVELLED ~18 Km.

Receiver #1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1447:05TIME OFF 1729Z

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG 2253.1LATITUDE 62° 09.3'SLONGITUDE 59 13.1'WCOURSE 047°SPEED 5 ktsDEPTH 86 mSET 110°DRIFT 0.9 ktsWIND DIR. (REL.) 022°WIND SPEED (REL.) 28 kts

LOGGER TAPE _____

MCS TAPE 835MCS FILE NO. 138 (SP 3221)

TIME DELAY

REMARKS:

60' phone depth. Initially good signal, but
 analog signal lost 30-45 minutes before digital
 recording ended.

SONOBUOY LOG

AP 29/1063

CRUISE NO.

DATE 24 February 1991 (055J) PROFILER sonobuoy (P)
 SONOBUOY NO. 27a SEA STATE 3
 SONOBUOY MODEL SSQ-57 SEA SURF. TEMP. 0.9
 SONOBUOY CHANNEL 10 DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>1533.11</u>	_____	_____	_____	_____
F/S TIME (RECORD) <u>1533.11</u>	_____	_____	_____	_____
PITLOG <u>2416.59</u>	_____	_____	_____	_____
LATITUDE <u>561.43.07</u>	_____	_____	_____	_____
LONGITUDE <u>W 57 12.57</u>	_____	_____	_____	_____
COURSE <u>75.8</u>	_____	_____	_____	_____
SPEED <u>5.1</u>	_____	_____	_____	_____
DEPTH <u>379.2</u>	_____	TIME	DELAY	_____
SET <u>90.9</u>	_____	_____	_____	_____
DRIFT <u>1.5</u>	_____	_____	_____	_____
WIND DIR. (REL.) <u>from NE</u>	_____	_____	_____	_____
WIND SPEED (REL.) <u>20 kts</u>	_____	_____	_____	_____
LOGGER TAPE <u>—</u>	_____	_____	_____	_____
MCS TAPE <u>906</u>	_____	_____	_____	_____
MCS FILE NO. <u>—</u>	_____	_____	_____	_____

REMARKS: No sonar

SONOBUOY LOG

AP-29/1063

CRUISE NO. EN91-01

DATE 24 February 1991 (0555)PROFILER SONOBUOYSONOBUOY NO. 27SEA STATE 3SONOBUOY MODEL SSQ-57SEA SURF. TEMP. 0.8°CSONOBUOY CHANNEL 19DIST. TRAVELLED ~20 km
(analog recording)

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 154443 TIME OFF 1800Z

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG 2417.21 _____LATITUDE 61°42.805'S _____LONGITUDE 57°11.288'W _____COURSE 72.2 _____SPEED 4.9 _____DEPTH 390.1 _____

TIME DELAY

SET 88.0 _____DRIFT 1.5 _____WIND DIR. (REL.) from NE _____WIND SPEED (REL.) 20 kts _____LOGGER TAPE 906 _____MCS TAPE 906 _____MCS FILE NO. ~672 _____

REMARKS:

60' phone depth / good signal, fading last 45 minutes.

SONOBUOY LOG AP-32/1066CRUISE NO. EW91-01DATE 26 February 1991 (057J) PROFILE sonobuoy (D)SONOBUOY NO. 28SEA STATE 3-4SONOBUOY MODEL SSQ-57SEA SURF. TEMP. 1.3SONOBUOY CHANNEL 7

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

Stopped logging on paper
1955ZTIME FIRST SHOT 1743.23Z TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) 0253PIT LOG 2582.57 nmiLATITUDE 14°15.274' SLONGITUDE 57°28.222' WCOURSE 246°SPEED 5.0 ktsDEPTH 2671 mSET 191.3DRIFT 0.8WIND DIR. (REL.) 075°WIND SPEED (REL.) 15 ktsLOGGER TAPE —MCS TAPE 966MCS FILE NO. 0253

TIME DELAY

REMARKS:

60' hydrophone depth / good signal.
2021Z c/c to 259° (from 257°)

SONOBUOY LOG

CRUISE NO.

DATE 058/27 FEB 1991PROFILER DSONOBUOY NO. 29SEA STATE 6SONOBUOY MODEL SSQ-57SEA SURF. TEMP. 0.6°CSONOBUOY CHANNEL 17

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1035:38 TIME OFF 1304

TIME GAIN FILTER

F/S TIME (RECORD) _____

~~3736~~PITLOG 2640.88LATITUDE 61° 46.069 SLONGITUDE 59° 48.5775 WCOURSE 242°SPEED 3.5 ktsDEPTH 1518SET 254DRIFT 1.2

WIND DIR. (REL.) _____

WIND SPEED (REL.) _____

LOGGER TAPE _____

MCS TAPE 10031008MCS FILE NO. 32883736REMARKS: *numerous speed changes at the beginning, trying to get the steamer deeper; speed changes throughout*

SONOBUOY LOG

CRUISE NO. EW91-01, Line AP-32DATE 058J/27 FebruarySONOBUOY NO. 30SONOBUOY MODEL SSQ-57SONOBUOY CHANNEL 3

(Receiver #1)

PROFILER sonobuoySEA STATE 3SEA SURF. TEMP. 0.5°CDIST. TRAVELLED ~15 km.

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	<u>0002:59Z</u>	TIME OFF	<u>End analog recording @ 2215Z (signal lost ~2145Z)</u>	TIME	GAIN	FILTER
F/S TIME (RECORD)	_____					
PITLOG	<u>2668.18</u>					
LATITUDE	<u>62° 3.7096 S</u>					
LONGITUDE	<u>61° 3.4188 W</u>					
COURSE	<u>247°</u>					
SPEED	<u>4.9 kts.</u>					
DEPTH	<u>1693 m</u>			TIME	DELAY	
SET	<u>229.7</u>					
DRIFT	<u>1.3</u>					
WIND DIR. (REL.)	<u>180°</u>					
WIND SPEED (REL.)	<u>15 kts</u>					
LOGGER TAPE	_____					
MCS TAPE	<u>1023</u>					
MCS FILE NO.	<u>4990</u>					

REMARKS: 60' phone depths / initially noisy, then strong signal.
Early topography! lost signal ~2145Z

SONOBUOY LOG

CRUISE NO. EW91-01, Line AP-32

DATE 058J/27 February

PROFILER sonobuoy

SONOBUOY NO. 31

SEA STATE 3

SONOBUOY MODEL SSQ-57

SEA SURF. TEMP. 0.6°C

SONOBUOY CHANNEL 7

DIST. TRAVELLED ~ 4 km.

(Receiver #2)

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 2237.19Z TIME OFF 2302Z

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG 2677.32

LATITUDE 62° 3235 S

LONGITUDE 61° 8898 W

COURSE 245°

SPEED 4.9 Kts

DEPTH 1870 m.

SET 229.9

DRIFT 1.4

WIND DIR. (REL.) 180°

WIND SPEED (REL.) 15 Kts.

LOGGER TAPE _____

MCS TAPE 1029

MCS FILE NO. 5455

TIME DELAY

REMARKS:

60' phone depth. Topography immediately after launch. Signal gone @ 2302Z — caught on streamer? (strong carrier wave — no signal).

SONOBUOY LOG

CRUISE NO. EW 91-01, Line AP-32DATE 059J/28 FebruaryPROFILER sonobuoySONOBUOY NO. 32SEA STATE 4SONOBUOY MODEL SSQ-57SEA SURF. TEMP. 2.5SONOBUOY CHANNEL 3

DIST. TRAVELLED _____

Rx 1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>0257</u>	<u>0527Z</u>	_____	_____	_____
F/S TIME (RECORD) _____	_____	_____	_____	_____
PITLOG <u>2691.0</u>	_____	_____	_____	_____
LATITUDE <u>62°19.13</u>	_____	_____	_____	_____
LONGITUDE <u>62°08.40</u>	_____	_____	_____	_____
COURSE _____	_____	_____	_____	_____
SPEED _____	_____	_____	_____	_____
DEPTH _____	_____	TIME	DELAY	_____
SET _____	_____	_____	_____	_____
DRIFT _____	_____	_____	_____	_____
WIND DIR. (REL.) _____	_____	_____	_____	_____
WIND SPEED (REL.) <u>15 Kts</u>	_____	_____	_____	_____
LOGGER TAPE _____	_____	_____	_____	_____
MCS TAPE <u>1038</u>	_____	_____	_____	_____
MCS FILE NO. <u>6231</u>	_____	_____	_____	_____

REMARKS:

SONOBUOY LOG

CRUISE NO. EW9101, LINE SAP B/1068DATE 0605 MARCH 1, 1991PROFILER Sonobuoy (A)SONOBUOY NO. ~~8~~ F33SEA STATE 4SONOBUOY MODEL SSQ-57SEA SURF. TEMP. 0.6 °CSONOBUOY CHANNEL 18

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0831:43Z TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG 2795.42LATITUDE S 64° 12.224'LONGITUDE W 65° 07.5671'COURSE 214°SPEED 4.6DEPTH 563.5mSET 173DRIFT 0.9WIND DIR. (REL.) 108°WIND SPEED (REL.) 17 Kts

LOGGER TAPE _____

MCS TAPE 1106MCS FILE NO. 3202

TIME DELAY

REMARKS:

SONOBUOY LOG

CRUISE NO.

EW9101, LINE SARTS/1068

DATE 060 J MARCH 1, 1991

PROFILER _____

SONOBUOY NO. 34SEA STATE 5SONOBUOY MODEL 41BSEA SURF. TEMP. 0.8SONOBUOY CHANNEL 28

DIST. TRAVELLED _____

Receiver # 2

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 1213:43TIME OFF 151750 *

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG 2807.9LATITUDE 64 26.55 SLONGITUDE 65 29.95 WCOURSE 212°SPEED 4.9 ktsDEPTH 567mSET 196°DRIFT 1.4 ktsWIND DIR. (REL.) 120°WIND SPEED (REL.) 16 kts

LOGGER TAPE _____

MCS TAPE 1117MCS FILE NO. 3867

TIME DELAY

REMARKS * off of recorder
60' hydrophone depth

SONOBUOY LOG

CRUISE NO.

EW9101 LINE SAP-1B/1068

DATE 06/1 (2 March, 91)

PROFILER _____

SONOBUOY NO. 35

SEA STATE _____

SONOBUOY MODEL 41BSEA SURF. TEMP. 0.4SONOBUOY CHANNEL 20

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0354/25 TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) 6688/6690 _____PITLOG 2870.72 _____LATITUDE 56° 31.14' _____LONGITUDE W 67° 13.8' _____COURSE 215 _____SPEED 5.1 _____DEPTH 202 _____

TIME DELAY

SET 156 _____DRIFT 0.5 _____WIND DIR. (REL.) SE _____WIND SPEED (REL.) 12 Kts _____

LOGGER TAPE _____

MCS TAPE 1164 _____MCS FILE NO. 6688 _____

REMARKS:

SONOBUOY LOG

CRUISE NO.

Abort EW91-01, Line SAP-1B

DATE 061J 2 March 91PROFILER "A"SONOBUOY NO. 36A

SEA STATE _____

SONOBUOY MODEL 41B

SEA SURF. TEMP. _____

SONOBUOY CHANNEL 18

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>180107</u>	_____	_____	_____	_____
F/S TIME (RECORD) <u>9228/9230</u>	_____	_____	_____	_____
PITLOG <u>2934</u>	_____	_____	_____	_____
LATITUDE <u>S 66 29.30</u>	_____	_____	_____	_____
LONGITUDE <u>W 68 57.54</u>	_____	_____	_____	_____
COURSE <u>214</u>	_____	_____	_____	_____
SPEED <u>5.0</u>	_____	_____	_____	_____
DEPTH <u>600</u>	_____	TIME	DELAY	_____
SET <u>181</u>	_____	_____	_____	_____
DRIFT <u>0.7</u>	_____	_____	_____	_____
WIND DIR. (REL.) _____	_____	_____	_____	_____
WIND SPEED (REL.) _____	_____	_____	_____	_____
LOGGER TAPE _____	_____	_____	_____	_____
MCS TAPE <u>1202</u>	_____	_____	_____	_____
MCS FILE NO. <u>9228</u>	_____	_____	_____	_____

REMARKS: 60' phone depth. Lost signal almost immediately.

SONOBUOY LOG

CRUISE NO. EW91-01, Line SAP-1BDATE 0615 / 2 MarchPROFILER "A"SONOBUOY NO. 36SEA STATE 2SONOBUOY MODEL 41B 57?SEA SURF. TEMP. 0.3°CSONOBUOY CHANNEL 26

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 181607Z TIME OFF _____F/S TIME (RECORD) 9273/9275PITLOG 2935.49LATITUDE 56° 30.27'LONGITUDE W 68° 53.14'COURSE 213°SPEED 4.9 Kts.DEPTH 601 m.SET 192°DRIFT 0.8 Kts.WIND DIR. (REL.) 220°WIND SPEED (REL.) 11 Kts.

LOGGER TAPE _____

MCS TAPE 1203MCS FILE NO. 9273

REMARKS:

"60' phone depth. Good signal.
 Austin-type topography. Should suff. after SBs
 Signal (1840Z)

EW 9101 SAP-3

SONOBUOY LOG

CRUISE NO.

DATE 063J 4 March

PROFILER _____

SONOBUOY NO. 37A

SEA STATE _____

SONOBUOY MODEL _____

SEA SURF. TEMP. _____

SONOBUOY CHANNEL 20

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 045730 TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) 1888/1888 _____PITLOG 3081.53 _____LATITUDE S 66 28.905 _____LONGITUDE W 73 13.284 _____COURSE 219 _____SPEED 5.1 _____DEPTH 3717 _____

TIME DELAY

SET 201 _____DRIFT 0.4 _____WIND DIR. (REL.) SE _____WIND SPEED (REL.) 10 KTS _____

LOGGER TAPE _____

MCS TAPE 1282 _____MCS FILE NO. 1888 _____

REMARKS:

Poor signal / High f ping but poor
signal being received

SONOBUOY LOG

CRUISE NO.

EW9101
SAP 3DATE 063J; 4 March

PROFILER _____

SONOBUOY NO. 37SEA STATE CALM

SONOBUOY MODEL _____

SEA SURF. TEMP. 0.1SONOBUOY CHANNEL 12

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 051810

TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) 1950/1950PITLOG 3083.12LATITUDE S 66 30.43LONGITUDE W 73 14.967COURSE 220SPEED 5.2DEPTH 3727SET 167.9DRIFT 0.5WIND DIR. (REL.) SEWIND SPEED (REL.) 10 Kts

LOGGER TAPE _____

MCS TAPE 1282MCS FILE NO. 1950

REMARKS: OCEANIC CRUST/OFF SLOPE
SEEMS TO BE A GOOD signal. Some relief present.
Analogy recording looks lousy / frequency too high
POOR S/N

SONOBUOY LOG

CRUISE NO.

EW9101

SAP-6

DATE 065 J 5 March 91

SONOBUOY NO. 38

SONOBUOY MODEL 57

SONOBUOY CHANNEL 11

PROFILER A

SEA STATE 3/4

SEA SURF. TEMP. -0.5°C

DIST. TRAVELLED

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0941:16Z TIME OFF

F/S TIME (RECORD)

PITLOG 3325.53

LATITUDE 68° 02.4250

LONGITUDE 73° 49.0816

COURSE 317

SPEED 4.9 kts

DEPTH 479 m

SET 266

DRIFT 1.5

WIND DIR. (REL.)

WIND SPEED (REL.) 19 kts

LOGGER TAPE

MCS TAPE 1410

MCS FILE NO. 1777

TIME GAIN FILTER

TIME DELAY

REMARKS:

SONOBUOY LOG

CRUISE NO.

EW91-01, SAP-B

DATE 067J

PROFILER

SONOBUOY NO. 39

SEA STATE

SONOBUOY MODEL

SEA SURF. TEMP.

SONOBUOY CHANNEL 15

DIST. TRAVELLED

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0312:41 Z TIME OFF

TIME GAIN FILTER

F/S TIME (RECORD) 2104/2106

PITLOG 3445.5

LATITUDE S 67 03.3

LONGITUDE W 72 18.56

COURSE 138

SPEED 5.0

DEPTH 408

SET 102

DRIFT 1.3

WIND DIR. (REL.) SSE

WIND SPEED (REL.) 20 Kts

LOGGER TAPE

MCS TAPE 1519

MCS FILE NO. 2104

TIME DELAY

REMARKS:

60' phone depth

SONOBUOY LOG

CRUISE NO.

EW91-01, SAP-9

DATE 068J/09 MarchPROFILER #2SONOBUOY NO. 40SEA STATE 2SONOBUOY MODEL 55Q-57ASEA SURF. TEMP. -0.3°CSONOBUOY CHANNEL 15

DIST. TRAVELLED _____

Receiver #1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 0036:23

TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) _____

PITLOG 3522.6 pitLATITUDE 67° 57.77'SLONGITUDE 72° 40.16'WCOURSE 243SPEED 5.0DEPTH 414SET 228DRIFT 2.0WIND DIR. (REL.) —WIND SPEED (REL.) 0 ktLOGGER TAPE —MCS TAPE 1573MCS FILE NO. 1589

TIME DELAY

REMARKS:

60' phone depth

SONOBUOY LOG

CRUISE NO.

EW 91-01, SAP-9

DATE 0685 9 March 1991SONOBUOY NO. 41SONOBUOY MODEL 550-57ASONOBUOY CHANNEL 21

Receiver #

PROFILER #2SEA STATE 1/2SEA SURF. TEMP. -0.6

DIST. TRAVELLED _____

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>0845[?] Z</u>	_____	_____	_____	_____
F/S TIME (RECORD) _____	_____	_____	_____	_____
PITLOG <u>3563.86</u>	_____	_____	_____	_____
LATITUDE <u>68° 19.0432 S</u>	_____	_____	_____	_____
LONGITUDE <u>74° 20.6156 W</u>	_____	_____	_____	_____
COURSE <u>240°</u>	_____	_____	_____	_____
SPEED <u>5.2 Kts</u>	_____	_____	_____	_____
DEPTH <u>454m</u>	_____	TIME	DELAY	_____
SET <u>183</u>	_____	_____	_____	_____
DRIFT <u>0.6</u>	_____	_____	_____	_____
WIND DIR. (REL.) <u>180 130°</u>	_____	_____	_____	_____
WIND SPEED (REL.) <u>10 Kts</u>	_____	_____	_____	_____
LOGGER TAPE <u>—</u>	_____	_____	_____	_____
MCS TAPE <u>1599</u>	_____	_____	_____	_____
MCS FILE NO. <u>3069</u>	_____	_____	_____	_____

REMARKS:

60' phone depth

SONOBUOY LOG

CRUISE NO.

SAP-10/1077

DATE 068 J/9 March 1991PROFILER #2SONOBUOY NO. 42SEA STATE 2SONOBUOY MODEL SSQ-57ASEA SURF. TEMP. -0.3SONOBUOY CHANNEL 14DIST. TRAVELLED 3602.51

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 185545 TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) 1385/00PITLOG 3602.51LATITUDE 5 48 48.454LONGITUDE W 76 13.738COURSE 236SPEED 5.1DEPTH 444SET 217.4DRIFT 1.3WIND DIR. (REL.) SWWIND SPEED (REL.) 25 KTS

LOGGER TAPE _____

MCS TAPE 1630MCS FILE NO. 1380

TIME DELAY

REMARKS: 60' Hydrophone Deptho/c @ 1904 c/c 23° (to get back on line)
before buoy reaches end of streamer)

SONOBUOY LOG

CRUISE NO.

SAP-16/1078

DATE 0695 10 March 1991PROFILER # 2SONOBUOY NO. 43SEA STATE 3SONOBUOY MODEL SSQ-57ASEA SURF. TEMP. -0.5°CSONOBUOY CHANNEL 11DIST. TRAVELLED ~~2.5~~Receiver # 1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT 080507Z TIME OFF _____

TIME GAIN FILTER

F/S TIME (RECORD) 365896 _____

PITLOG _____

LATITUDE 569 _____LONGITUDE 69° 24.4380'S _____COURSE 78° 38.5792' W _____SPEED 5 _____DEPTH 545 _____

TIME DELAY

SET 191 _____DRIFT 0.7 _____WIND DIR. (REL.) 80° on port bow _____WIND SPEED (REL.) 20 KTS _____

LOGGER TAPE _____

MCS TAPE 1666 _____MCS FILE NO. 0059 _____

REMARKS: Switched off edo at 1024z. Still weakly receiving SB on Receiver 1 and sending to OSS aux chan. Had trouble keeping buoy tuned.

SONOBUOY LOG

CRUISE NO. EW 9101DATE 070J/11 March 1991PROFILER #2SONOBUOY NO. 44SEA STATE 4SONOBUOY MODEL 41BSEA SURF. TEMP. -0.5°CSONOBUOY CHANNEL 26

DIST. TRAVELLED _____

Receiver #1

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
<u>0200:28</u>	<u>~600 Z,</u>			
F/S TIME (RECORD)				
PITLOG <u>3732.2</u>				
LATITUDE <u>68 17.3'S</u>				
LONGITUDE <u>78 23.6'W</u>				
COURSE <u>049</u>				
SPEED <u>5.1</u>				
DEPTH <u>3702 (HS)</u>		TIME	DELAY	
SET <u>019</u>				
DRIFT <u>1.2 kts</u>				
WIND DIR. (REL.) <u>280°</u>				
WIND SPEED (REL.) <u>8 kts</u>				
LOGGER TAPE <u> </u>				
MCS TAPE <u>1715</u>				
MCS FILE NO. <u>1418</u>				

SP 1711REMARKS: -C/A 40 to right @ 0338 to avoid ice

0345 @ Recorder for sonobuoy not working don't know

042032 → sonobuoy signal came back 0432 A/C 40 kts ice avoidance

SONOBUOY LOG

CRUISE NO. EW 9101 LINE SAP 12

DATE 070J 11 March '91

PROFILER # 2

SONOBUOY NO. 45

SEA STATE 2

SONOBUOY MODEL 41B

SEA SURF. TEMP. -0.4

SONOBUOY CHANNEL 20

DIST. TRAVELLED

Receivers: both 1 and 2

BUOY START

BUOY END

SB RCVR. SETTINGS

TIME FIRST SHOT	TIME OFF	TIME	GAIN	FILTER
1312:10				
F/S TIME (RECORD)				
PITLOG 3783.3				
LATITUDE 67 36.68'S				
LONGITUDE 76 38.32'W				
COURSE 049°				
SPEED 5.1				
DEPTH 2990		TIME	DELAY	
SET 007°				
DRIFT 1.2°				
WIND DIR. (REL.) 335°				
WIND SPEED (REL.) 13 kts				
LOGGER TAPE				
MCS TAPE 1745				
MCS FILE NO. 3433				

REMARKS: