

CRUISE: 1630



Cruise
#(630)

DATE
7/30/06

SONOBUOY #
1

TIME
0915:17 L

SIGHTING #
#1012 3m

2 1011:23 L

(from 56107)

LATITUDE: 30 . 89 N

LONGITUDE: 116 . 512

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☐ WATER NOISE
- ☒ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 77

CHANNEL: 15

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: 1(53D)

RECORDING LABELS:

STAR 06 - D5F361
Recorded 10/11/06

SOUNDS DETECTED:

AB calls

RECEPTION DISTANCE: unk

on water, stopped
after 30 min

RECORDING REVIEWED? Yes

COMMENTS:

1-53D false

Think it's about base - not hearing water noise. I will save
tape for further review

CRUISE: 1630



DATE

07/30/06

SONOBUOY #

2

TIME

1836.52 (56:07)

SIGHTING #

1031

19:08:59 (01:08:14)

LATITUDE:

30.079 N

LONGITUDE:

116.378 W

Decimal
Degrees,
please!

Dropped on #31
Beardus

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☐ WATER NOISE
- ☐ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 57

CHANNEL: 18

DEPTH: 90 ft

HRS TO SCUTTLE: 8

BAD BUOYS: 0

RECORDING LABELS:

STAR 06-DSJ-SB L

SOUNDS DETECTED:

unknown

RECEPTION DISTANCE: _____

RECORDING REVIEWED? NO

COMMENTS:

phoned for 15 min. think other bad buoy
or bad vessel. Same type
Recorded 0651 PM -> 0709 PM



CRUISE:



DATE

8/2/06

SONOBUOY #

3

TIME

17:54:03 (01:08:15)

SIGHTING #

1064

LATITUDE:

18:13:07 01:18:15 24° 30' N

LONGITUDE:

115° 27' 8" W

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☐ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☐ WATER NOISE
- ☐ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 77

CHANNEL: 30

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: 1

RECORDING LABELS:

STAR06-DSJ-SB1

SOUNDS DETECTED:

RECEPTION DISTANCE: —

RECORDING REVIEWED? No

COMMENTS:

at 2090ft Launched 1 S3D- float came up no signal
Chen 30- Launched 1 77- float & full bar Tx - not sure if
functioning though
Star 1754L Track 3 & 1809L - SB = (away)
1757L - 4mm away - still same noise level ✓

CRUISE: 1830



DATE 8/7/02

SONOBUOY # 4

TIME 1813:02 01:18:10

SIGHTING # 1094

Start Rec 1819:50 01:25:13

LATITUDE: 22.633

LONGITUDE: 112.047

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☐ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☐ WATER NOISE
- ☐ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 53D

CHANNEL: 23

DEPTH: 90ft

HRS TO SCUTTLE: 8

BAD BUOYS: 2

RECORDING LABELS:

STAR06-DS-S61

SOUNDS DETECTED:

RECEPTION DISTANCE: _____

RECORDING REVIEWED? No

COMMENTS:

- launched 1 776 Q 30 - failure, full bars, no sound
- = think this buoy is a failure
- launched 2nd 53D - Q 80 - no signal at all

CRUISE:



DATE

8/12/06

SONOBUOY #

5

TIME

8-16/200' 01:25:19

SIGHTING #

1215

SW 161815 01:31:28
LATITUDE: 25.587

LONGITUDE: 109.307

Decimal
Degrees,
please!

Recording
for
Example

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☐ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☐ WATER NOISE
- ☐ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: S3D

CHANNEL: 70

DEPTH: 90ft

HRS TO SCUTTLE: 8

BAD BUOYS: —

RECORDING LABELS:

STAR 06 DJ-01

SOUNDS DETECTED:

RECEPTION DISTANCE: _____

RECORDING REVIEWED? _____

COMMENTS:

Don't seem to be functioning



CRUISE: 1830



DATE 9/8/06

SONOBUOY # 6

TIME St 175730

SIGHTING # 1386

Free 2
Towed off top 1959

LATITUDE: 8.762

Co

Decimal
Degrees,
please!

Free 3
2010/10/18
2014 - Towed off 1st
Buoy

LONGITUDE: 84.288

OPPORTUNISTIC BUOY:

- ☒ NIGHT
- ☐ MORNING
- ☒ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☒ WATER NOISE
- ☒ BIOLOGICS?

Stopped for CTD
8° 44.73 N
84° 17.18 W
(4 Bars Reception)

SONOBUOY INFO:

SONOBUOY TYPE: 57

CHANNEL: 18

DEPTH: 902

HRS TO SCUTTLE:

BAD BUOYS: 0

At least

RECEPTION DISTANCE: 1km

RECORDING LABELS:

STAR 06 - 055 - SB 2
STAR 06 - 055 - SB 3

Signal weak
2110 - Stopped
8° 43.16 N
84° 19.2 W
(1 bar)

SOUNDS DETECTED:

Yes - Min
Possible - 00's
G 19 03 25 - likely dolphin whistle starting

RECORDING REVIEWED? Yes

COMMENTS:

End of day sighting, buoy dropped within 1km of #1386
Humboldt at 1389?
15 minutes prior to sighting on wide distance dolphin school detected



CRUISE: 1630



DATE 9/24/06

SONOBUOY # 7

TIME 1642

SIGHTING # 1491

ST: 1656:09 (00:00:00) LATITUDE: 08° 706 N
End: 1700:00 (00:03:50) LONGITUDE: 081° 32 W

Decimal
Degrees,
please!

Tossed on
6m: Tt

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☒ WATER NOISE
- ☐ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 57
CHANNEL: 14
DEPTH: 90R
HRS TO SCUTTLE: 8
BAD BUOYS:

RECORDING LABELS:

STAR06-DST-SB4

SOUNDS DETECTED:

No

RECEPTION DISTANCE:

RECORDING REVIEWED? Yes

COMMENTS:

★ Low water noise but a lot of interference too - ★



CRUISE: 1630



DATE

9/24/06

SONOBUOY #

8, 9

TIME

0934:12 (00:0851)

SIGHTING #

1538

maybe
maybe
maybe

08 58.19N

LATITUDE:

08° 954

LONGITUDE:

090° 728

Decimal
Degrees,
please!

090° 43.7 W

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☒ DIFAR SIGNAL
- ☐ WATER NOISE
- ☐ BIOLOGICS?

Start Record

0934:13

SONOBUOY INFO:

SONOBUOY TYPE:

77 Lf/530^{rt}

CHANNEL:

70 Lf/30

DEPTH:

— / 400

HRS TO SCUTTLE:

8 / 8

BAD BUOYS:

2

RECORDING LABELS:

STARLOG - DST - SB4

SOUNDS DETECTED:

RECEPTION DISTANCE: —

RECORDING REVIEWED?

NO

COMMENTS:

203 of noise don't think it's working
53-fair/wind
0943 L is no bears
R is full/bars but high freq squall



CRUISE: 1630



DATE 9/25/06

SONOBUOY # 10, 11?

TIME 0853 530 ch 18

SIGHTING # 1569 Bm

Buoy 1
Buoys 3, 4

(Am 00: 8:41)
085442 → 085530 recorded - bad
090020 → 090920

LATITUDE: 10 . 514 N
LONGITUDE: 089° . 868 W

Fr Buoy 4
Decimal Degrees, please!

Buoy # 4 dropped within 1/2 mile of whale

Buoy 4 - 091116 → 10 28 15
(01° 31 27 44 hrs)

OPPORTUNISTIC BUOY:

Recorded on left channel

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE ??
- ☐ DIFAR SIGNAL
- ☒ WATER NOISE
- ☐ BIOLOGICS?

090920
checked out buoy
right
Buoy 1 still
has light on
25300 tx

SONOBUOY INFO:

SONOBUOY TYPE: 57/57

CHANNEL: 18/14

DEPTH: 90

HRS TO SCUTTLE: 8

BAD BUOYS: 2 (530, 77)

0933 -
whale hit
going back to
course speed
comp no 2
0937 0938
D swap SW
10° 30N
58° 46W

RECORDING LABELS:

STAR 06-DS SE 4

SOUNDS DETECTED:

Yes

RECEPTION DISTANCE: _____

RECORDING REVIEWED? _____

COMMENTS:

0948 40
Going back to
course speed
0952
2 hrs on Right ear
Nobars on left
Ch 18 57 - high freq tone
77 - channel 80 - Nothing (Buoy, compass no tx)
530 (stard buoy) channel 50 - did not connect
Buoy 4 - 57, ch 14 0909 I think I can hear prop, but lots of noise still

CRUISE:



DATE 9/25/06

SONOBUOY #

12, 13

TIME 1609

SIGHTING #

1575

SB #1

LATITUDE:

11° 133' N

SB #2

11° 08.5' N (163/L)

LONGITUDE:

089° 383' W

Decimal
Degrees,
please!

089° 24.0' W

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☐ WATER NOISE
- ☐ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 57B

CHANNEL: 14 / 2

DEPTH: 90f / 90fL

HRS TO SCUTTLE: 8

BAD BUOYS: _____

RECORDING LABELS:

STNR 06 - DST - 835

SOUNDS DETECTED:

RECEPTION DISTANCE: _____

RECORDING REVIEWED? No

COMMENTS:

Don't think its functioning but wire
not sat for 2 hours



CRUISE: 1630



DATE 10/11/06

SONOBUOY # 14

TIME 124830

SIGHTING # 1678

0000

1432:30
(01174.03)
LATITUDE: 10° 698 N

LONGITUDE: 078° -085

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☒ OTHER

Sighting

SONOBUOY INFO:

SONOBUOY TYPE: 57

CHANNEL: 14

DEPTH: 90ft

HRS TO SCUTTLE: 8

BAD BUOYS: 0

Estimate

RECEPTION DISTANCE: 23nm

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☒ WATER NOISE
- ☐ BIOLOGICS?

RECORDING LABELS:

STAROS-DSJ-S06

SOUNDS DETECTED:

96.4/1000 At time - click ?? or ship noise ?

RECORDING REVIEWED? Yes

COMMENTS:

- 1317 - 4 hrs - buoy in behind
Can hear small boat, no sounds (did not monitor before this)
- 1303 - heading back to course / speed



SECRET

111106

15, (0

54 11,000 0

1809

 B_m

Step 12 0823 -

LATITUDE:

150. 55

11.08.30

LONGITUDE:

10/06

Decimal
Degrees,
please!

SOUNDS HEARD:

- ☐ NIGHT
☐ MORNING
☐ CTD
☐ TEST
☐ BOING
☐ OTHER

- ☒ SHIP NOISE
☐ DIFAR SIGNAL
☒ WATER NOISE → on 2nd buoy
☐ BIOLOGICS?

SONOBUOY INFO: #1

SONOBUOY TYPE:

CHANNEL:

DEPTH:

HRS TO SCUTTLE:

BAD BUOYS:

RECORDING LABELS:

STANLEY-DST - 37

Revised: to HD - Both Channels 644102

SOUNDS DETECTED:

Yes if possible check
out at 2nd Reg -

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

1123 deployed

1124 30.1

Left channel is 14

Much better

when deployed -

Ch 30

Seemed to be policy up M

1130 - Bay = 1/2 nm from shore ship on fish of last whale rugose

CRUISE: 1830



DATE 11/15/06

SONOBUOY # 17

TIME 12:30:55

SIGHTING # 1866

(1)0

Stop 12:30:00

(00:22:09)

LATITUDE: 15° 18.3' N

LONGITUDE: 097° 05.8' W

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☒ WATER NOISE
- ☐ BIOLOGICS?

at 11:15
at 11:15

SONOBUOY INFO:

SONOBUOY TYPE: 57B

CHANNEL: 14

DEPTH: 2001

HRS TO SCUTTLE: 8

BAD BUOYS:

RECORDING LABELS:

STARob-DSS 503-8

SOUNDS DETECTED:

No

RECEPTION DISTANCE: 22 1/2 nm

RECORDING REVIEWED? Yes

COMMENTS:

Bobber lost 10 p.m. - 11 p.m. out

Only 2 min of recording out of 10 min

Buoy may have caught on fishing line. Led to malfunction. Stopped working after 12 minutes.

3 miles
whistle
recording

CRUISE: 1630

SONOBUOY

DATE

11/06/06

SONOBUOY #

18

TIME

1629:37

SIGHTING #

1876

00

LATITUDE:

12° 637

LONGITUDE:

099° 351

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☐ WATER NOISE
- ☒ BIOLOGICS?

*Final Buoy Post

12° 39.00N

99° 28.00W

Not sure if original post
was correct or buoy was
deployed from small boat. It
was behind me - 2nd post
definitely accurate

SONOBUOY INFO:

SONOBUOY TYPE: 57

CHANNEL: 11

DEPTH: 991

HRS TO SCUTTLE: 8

BAD BUOYS:

RECORDING LABELS:

STAR-06-05-SB9

Recorded to H0 - Right channel only 544149

SOUNDS DETECTED:

Yes!!!

RECEPTION DISTANCE: 0.5

RECORDING REVIEWED? Yes

COMMENTS:

✓ 2006/11/06

Note: Switched from recording both channels to only
right channel after 10 minutes, was concerned
about sampling rate & clipping levels.

51648 R - Buoy 1.2m below as cable is 1/2 mile above. 1st post to recording station
4bars

51709 we've turned. The cable has turned / both heads back and forth. 1/2 mile

✓

2733 - 500 lbm off bow of ship - 5-6 bars now
S/L heavy white

6. 30%
 Answer in 34-40 and 41-45 and 46-50.
 13 will be uniform to 25% and can change factor to publication
 of - 50% of 50% and 56% , skill advocacy

8 1751- Animals fruit we can also clean to get

CRUISE: 1630



DATE 11/14/03

SONOBUOY # 19

TIME 1230400

SIGHTING # 1904.00

Tape SB 10
Track 1

Track 2
130940
135342

LATITUDE: 17° . 320 N

LONGITUDE: 107° . 119 W

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☐ DIFAR SIGNAL
- ☒ WATER NOISE
- ☒ BIOLOGICS?

3/10/04: T-Randers, 10 mins in area

SONOBUOY INFO:

SONOBUOY TYPE: 573

CHANNEL: 19

DEPTH: 90ft

HRS TO SCUTTLE: 8

BAD BUOYS: _____

RECORDING LABELS:
Track 1.2
↑
STAN 06 - DSS - SB 10 11/14/03
Recording both receivers

SOUNDS DETECTED:
Up until 1440ish heard occasional
interesting vocal, high frequency whistles!
Donkey/Bong like sounds. When J3
was pulled out of water, Group

RECEPTION DISTANCE: Max 2.5nm

Dramatically increased vocals. A wide variety of calls. Amazing!
RECORDING REVIEWED? mostly

COMMENTS:

Deployed ~ 09nm from DSS, Deployed from J3
Lots of interesting vocalizations heard

125840 we have received from 13 min from buoy - down to then
NO vocals heard for awhile
61351- 13 was 2.5nm away at 2 hrs. occasional interesting sounds not recording (over)

135342 - heavy vocals - amazing
Started
recording Track 2

135556: Bow @ 2.30m 35m light. Lower group of 20, looking
back towards bow.

135712 - heavy vocals: echo return - amazing call! Different from last
recorded 00

135840 - high freq whistle -

140108 - Darker bow sound - high freq call

141421 - exultant angle from bow - least amt of noise 17° Port - 2.30m
Whole = 1m db bow

142830.51 - Equanimity →

1432 - Bow 1.30m 9.5m away, bow, 2 = 1m db bow along JB
2.30m - Bow must have drifted signal seems weak for that distance

143810 - cool vocals - animals became extremely vocal once JB out of
water

154130 - 163m light 5m - end recording

CRUISE: 1630



DATE 11/26/06

SONOBUOY # 20, 21

TIME 1906

SIGHTING #

to get it
from

LATITUDE: 18.333

LONGITUDE: 106.540

Decimal
Degrees,
please!

2nd Buoy

18.18.9 W

106.33.2

1915

OPPORTUNISTIC BUOY:

- ☒ NIGHT
☐ MORNING
☒ CTD
☐ TEST
☐ BOING
☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
☒ DIFAR SIGNAL
☒ WATER NOISE
☒ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 77/57

CHANNEL: 50/14

DEPTH: 190ft

HRS TO SCUTTLE: 8

BAD BUOYS:

RECORDING LABELS:

STAR 06-05J -SB12

SOUNDS DETECTED:

Delphinid Whales and

RECEPTION DISTANCE: 3-4nm

RECORDING REVIEWED? Onond off -

Antenna in port

COMMENTS:

Not sure, 7.5 kHz no showing
1915 - started recording 57 buoy on left channel
1920 - stopping ← 2/3nm from 1st buoy 3bars
1nm from 2nd buoy 6bars
2030 Buoy → 12nm #2 (3bars) 29nm #1 (1bar) (Delphinid Whales and)

CRUISE: 1830



DATE 11/28/06

SONOBUOY #

222

TIME 20:11:00

SIGHTING #

LATITUDE:

13° 56' N

LONGITUDE:

110° 10' W

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☒ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☒ DIFAR SIGNAL
- ☐ WATER NOISE
- ☐ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE:

577

CHANNEL:

30

DEPTH:

→

HRS TO SCUTTLE:

8

BAD BUOYS:

2

153-D
1-57 014

RECORDING LABELS:

STAR 06 - 153 - 50-13

SOUNDS DETECTED:

RECEPTION DISTANCE:

15.1

RECORDING REVIEWED?

COMMENTS:

Detached on station 13° 57.7' N
Monitoring Buoy



DATE

11/29/06

SONOBUOY #

23

TIME

17:35:50

SIGHTING #

H1965

LATITUDE:

19° 50.50' N

LONGITUDE:

112° 57.9' W

Minke
Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☐ NIGHT
☐ MORNING
☐ CTD
☐ TEST
☐ BOING
☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
☒ DIFAR SIGNAL
☐ WATER NOISE
☐ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE:

77

CHANNEL:

30

DEPTH:

90ft

HRS TO SCUTTLE:

BAD BUOYS:

RECORDING LABELS:

STACK 00-055 3614

SOUNDS DETECTED:

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

Minke ~ 500m away

50 1748 - whale 600m off ship posn is: 19° 50.50' N 112° 55.91' W
 16 1754 - Boog heard on baw hydrophone. not on this buoy

CRUISE:

DATE

11/30/06

SONOBUOY #

24.25

TIME

1753.15

SIGHTING #

—

Deployed w/ 30m
offset ch 1
1749

LATITUDE: 16 . 988

LONGITUDE: 113° . 405

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☒ NIGHT
- ☐ MORNING
- ☒ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☒ DIFAR SIGNAL
- ☐ WATER NOISE
- ☐ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 57B/17

CHANNEL: 14/30

DEPTH: 90/-

HRS TO SCUTTLE: 8/8

BAD BUOYS:

RECORDING LABELS:

SMK 06 D5J 5015

SOUNDS DETECTED:

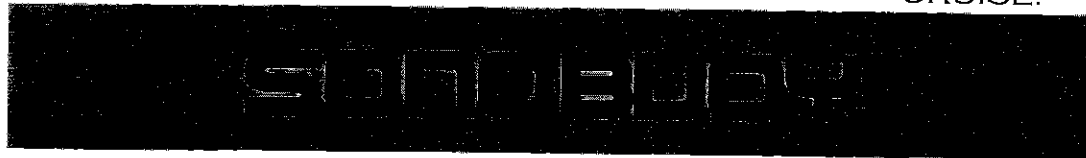
RECEPTION DISTANCE:

RECORDING REVIEWED? No

COMMENTS:

72 on left (ch 30)
57B on right (ch 14)

CRUISE: ✓



DATE

12/1/06

SONOBUOY #

2, 27

TIME

1957

SIGHTING #

Dropped

ST: 1957:00

LATITUDE:

17° 942

LONGITUDE:

115° 751

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☒ NIGHT
- ☐ MORNING
- ☒ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☒ DIFAR SIGNAL
- ☒ WATER NOISE
- ☐ BIOLOGICS?

SONOBUOY INFO: rch Lch

SONOBUOY TYPE: 57B/77

CHANNEL: 14 | 30

DEPTH: 90 | —

HRS TO SCUTTLE: 8

BAD BUOYS:

RECORDING LABELS:

STAR 06-DS 5616

SOUNDS DETECTED:

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

Turn off the Shadown 18.7

Left channel = 77

Right channel = 57B

Dropped both of 190m of red ch.

77 has strong Difan signal but sounds noisy. 1. 1. 1.

CRUISE:



DATE

12/2/06

SONOBUOY #

28, 29

TIME

~ 1701

SIGHTING #

1903:40

LATITUDE: 20° . 119

LONGITUDE: 116° . 492

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☒ NIGHT
- ☐ MORNING
- ☒ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
- ☒ DIFAR SIGNAL
- ☐ WATER NOISE
- ☐ BIOLOGICS?

SONOBUOY INFO:

L channel R channel

SONOBUOY TYPE:

72 / 57B

CHANNEL:

30 / 14

DEPTH:

- 19061-

HRS TO SCUTTLE:

8

BAD BUOYS:

RECORDING LABELS:

SNL01 - 05 - SB17

SOUNDS DETECTED:

RECEPTION DISTANCE:

RECORDING REVIEWED? no

COMMENTS:

1912, Left Receiver shows zeros but Difar signal seen on Spectrogram
ch 14 shows 4 bars on Receiver.

Definitely Problem! Left receiver. Right Rec. shows 4 bars for
ch 30, left shows zero.

⑤ 2010 Left Rec Now 45bars : Right Rec 3/4

CRUISE:



DATE
12/3/06

SONOBUOY #
20, 31

TIME
Dropped 1901

SIGHTING #

strec - 1906 30

LATITUDE: 23° 05.6 N

LONGITUDE: 117° 36.72 W

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☒ NIGHT
- ☐ MORNING
- ☒ CTD
- ☐ TEST
- ☐ BOING
- ☐ OTHER

SOUNDS HEARD:

- ☐ SHIP NOISE
- ☒ DIFAR SIGNAL
- ☒ WATER NOISE
- ☒ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 77 / 57B

CHANNEL: 30 / 14

DEPTH: - / 1901

HRS TO SCUTTLE: 3

BAD BUOYS: —

RECORDING LABELS:

STAC - DS - 5818

SOUNDS DETECTED:

Buoy 5 1948.21
London 57B (Right ch)
Also, whistler-unid

RECEPTION DISTANCE: _____

RECORDING REVIEWED? no

COMMENTS:

57B - sounds great, Difar signal on 77
Buoys deployed together
5 1930 - Right Receiver showing 4/5 stars (57B)
Left Rec'n - no stars seen, but there is a signal. Does the same
when you switch it to ch 14. Receiver displaying Problem !!

5 1748 - heavy bings on 57B, not 77, checked bings by chop line
Not heavy it on that either

CRUISE:



DATE 12/4/06

SONOBUOY #
32

TIME
191216

SIGHTING #

LATITUDE: 25° . 05.7 N

LONGITUDE: 118° . 12.55 W

Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☒ NIGHT
☐ MORNING
☒ CTD
☐ TEST
☐ BOING
☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
☐ DIFAR SIGNAL
☒ WATER NOISE
☐ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 57B

CHANNEL: 14

DEPTH: 90 f

HRS TO SCUTTLE: 0

BAD BUOYS:

RECORDING LABELS:

STAR 06 -- SJ -- SB 19
SB 20

SOUNDS DETECTED:

RECEPTION DISTANCE:

RECORDING REVIEWED? No

COMMENTS:

Did not monitor 100% of the tow

DATE

12/06/06

SONOBUOY #

33

TIME

ST: 1037:30

SIGHTING #

1983 00

LATITUDE: 31° 11.42LONGITUDE: 117° 28.43Decimal
Degrees,
please!

OPPORTUNISTIC BUOY:

- ☐ NIGHT
☐ MORNING
☐ CTD
☐ TEST
☐ BOING
☐ OTHER

SOUNDS HEARD:

- ☒ SHIP NOISE
☐ DIFAR SIGNAL
☒ WATER NOISE
☒ BIOLOGICS?

SONOBUOY INFO:

SONOBUOY TYPE: 57BCHANNEL: 14DEPTH: 90HRS TO SCUTTLE: 8# BAD BUOYS: 1-57B

RECORDING LABELS:

STATION - DSS - SB21

SOUNDS DETECTED:

G 11/10 - heavy water finally of 00s
 Heard thumping G 13/20/06
 AB call - Blue whale

Small goat
 just brought
 down

RECEPTION DISTANCE: _____

RECORDING REVIEWED? _____

COMMENTS:

G1040 Whales 9/10 mile away from ship G 11/39 is 20 right, buoy 1m behind us, another whale 4m behind us close to buoy