

CRUISE:



(1631) ↑
cruise
+1

DATE

8-15-06

SONOBUOY #

1

TIME

1846

SIGHTING #

80

LATITUDE: 11° 47' 74"

LONGITUDE: -129° 35' 22"

OPPORTUNISTIC BUOY:

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

☒ SIGHTING

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 58

DEPTH: N/A (999)

HRS TO SCUTTLE: 8

BAD BUOYS: 0

RECORDING LABELS:

STAR '06 SBDAT1

SOUNDS DETECTED:

RECEPTION DISTANCE: >6nmi

RECORDING REVIEWED? _____

COMMENTS:

1849 Start Recording, Good Buoy

*No vocals noted, did not monitor entire session

1954 stop for CTD station @ 6.2nmi away from buoy - still ok reception.

1956 stop monitoring, still recording till end

CRUISE:

Cruise 1631

DATE

9-5-06

SONOBUOY #

2

TIME

08:02

SIGHTING #

96

LATITUDE:

9.435

Bryles

LONGITUDE:

75.2791

OPPORTUNISTIC BUOY:

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

SIGHTING

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 53D

CHANNEL: 52

DEPTH: 90 ft

HRS TO SCUTTLE: 8

BAD BUOYS: 1

RECORDING LABELS:

STAR'06 SBOAT 2

SOUNDS DETECTED:

RECEPTION DISTANCE:

7.1 nm

RECORDING REVIEWED? _____

COMMENTS:

0802 77A deployed, start recording - BAD BUOY
0806 53D deployed - ok? lots of noise, though
0900 SB pretty much dead, no vocal notes
(only semi-monitors)

CRUISE:

DATE

9-5-06

SONOBUOY #

3

TIME

1524

SIGHTING #

104

LATITUDE:

9.7150

LONGITUDE:

-150.5856

Brydes

~~254106 used?~~

OPPORTUNISTIC BUOY:

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

SIGHTING

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

68

DEPTH:

999

HRS TO SCUTTLE:

8hrs

BAD BUOYS:

0

RECORDING LABELS:

STAR'06 SBDAT3

SOUNDS DETECTED:

RECEPTION DISTANCE:

999

RECORDING REVIEWED?

COMMENTS:

1524 Start Recording, Buoy deployed
& No Monitor at All! #

CRUISE:

DATE

9-10-06

SONOBUOY #

4

TIME

1525

SIGHTING #

129

LATITUDE:

4: 6425

LONGITUDE:

135. 1289

OPPORTUNISTIC BUOY:

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

X Sighting

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

62

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

0

SOUNDS HEARD:

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

RECORDING LABELS:

STAR'06 SB DAT4

SOUNDS DETECTED:

FROGGIE SOUNDS (1545)
LF (40Hz) Calls

Good Buoy
15-48-25

RECEPTION DISTANCE:

7.4nm

RECORDING REVIEWED?

COMMENTS:

1525 Start Rec, good buoy
Buoy ~400m from whale

CRUISE:

DATE

9.13.06

SONOBUOY #

5

TIME

0914

SIGHTING #

133

LATITUDE:

2: 2793

Bryales

LONGITUDE:

-126: 8779

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 67

DEPTH: —

HRS TO SCUTTLE: 8hrs

BAD BUOYS: 2

RECORDING LABELS:

STAR'06 SBDAT5

SOUNDS DETECTED:

RECEPTION DISTANCE: —

RECORDING REVIEWED? —

COMMENTS:

0914 1st buoy - bad SBD ch 65 8hrs 40ft
0916 2nd buoy - good 77A ch 67 8hrs w/in 500m of whale
0931 CS
0942 Electronic noise - buoy died? Record to EOT

CRUISE:

DATE 9-16
~~09-16~~ - 06.

SONOBUOY #

6

TIME
1000

SIGHTING #

~~143~~ 143

LATITUDE: -0° 4499

Brydes/Sec

LONGITUDE: -18° 2171

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: SBD 53D

CHANNEL: 69

DEPTH: 90 ft

HRS TO SCUTTLE: 8

BAD BUOYS:

RECORDING LABELS:

STAR06 SBDAT6

SOUNDS DETECTED:

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

~~0800~~ Start Recording - good buoy - delete recording
1006 Start Recording - 1015 - SBI not recovering buoy went bad
1026 Point where SB2 was dropped. - started good
1030 - SB2 sounds bad now too!

CRUISE:

DATE

9-18-06

SONOBUOY #

6

TIME

1254

SIGHTING #

153 Brydes

LATITUDE:

-1, 6645

South

LONGITUDE:

111, 5009

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 57

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: —

RECORDING LABELS:

STAR 06 SBDAT6

SOUNDS DETECTED:

RECEPTION DISTANCE: ~3.5

RECORDING REVIEWED? —

COMMENTS:

1254 Start Recording

1255 buoy w/in 500m of whale

~~8~~ Steno bredanensis also in here w/Brydes

1357 starting to lose reception (maybe before this time?)

CRUISE:

STATION: 1514

DATE

9.19.06

SONOBUOY #

7

TIME

0913

SIGHTING #

157

LATITUDE:

-1.8199

Blue Whale

LONGITUDE:

-108.9972

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

69

DEPTH:

—

HRS TO SCUTTLE:

8

BAD BUOYS:

3

RECORDING LABELS:

STAR'06 SBDAT 7

SOUNDS DETECTED:

RECEPTION DISTANCE:

6.5 nmi

RECORDING REVIEWED?

—

COMMENTS:

0913 Start Recording (1st buoy no good)
 0916 2nd buoy in water - maybe not good (float went up, no signal)
 0929 4th buoy is good - ~ 1/2 - 3/4 nmi (< 1 nmi)
 0938 CS
 1016 starting to lose buoy @ 6.5 nmi

9.19.06 monitored LF (< 500 Hz) from 0929 → 1016, no vocals in this range

CRUISE:

DATE

9-A-06.

SONOBUOY #

8

TIME

1245

SIGHTING #

158

LATITUDE: -1° 8380 Blue Whales

LONGITUDE: -108° 5247

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 54

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: 0

RECORDING LABELS:

STARCO SEDAT 8

SOUNDS DETECTED:

possible sounds ~100 Hz? or ship noise?
↳ pretty sure it's ship noise!

RECEPTION DISTANCE: NOT sure RECORDING REVIEWED? —

check, maybe 11nm?

COMMENTS:

1247. Started recording, buoy sounds good! Only few hundred m from S158 when launched.

1257 SBI still sounds good... is very close to ship still

1305 Still in vicinity of S158 - 3 animals.

* 1311 Picking up something strong on IF of array (we were going ~2 knots)
please look @ tape around this time.

9.19 Reviewed VF (<300 Hz) from 1247-1330 - no vocals detected

CRUISE:

DATE

9.20.06

SONOBUOY #

9

TIME

0732

SIGHTING #

160

LATITUDE:

-1: 9804

Blue Whales

LONGITUDE:

-106: 2676

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 63

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: —

RECORDING LABELS:

STAR'06 SBDAT9

SOUNDS DETECTED:

RECEPTION DISTANCE: —

RECORDING REVIEWED? —

COMMENTS:

0732 buoy in, start recording
close whales are cow/calf pair

CRUISE:

DATE

9.20.06

SONOBUOY #

10

TIME

0957

SIGHTING #

162

LATITUDE: -2° 0025 Blue whale

LONGITUDE: 106° 1283

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 57

DEPTH: —

HRS TO SCUTTLE: 8 hrs

BAD BUOYS: —

RECORDING LABELS:

STAR'06 SBDAT10

SOUNDS DETECTED:

RECEPTION DISTANCE: 6.25

RECORDING REVIEWED? —

COMMENTS:

0951 Start Recording, Good buoy (within 30m of whale)
Rt Ch = Ch 63, left Ch = 57

0955 BOTH CH to Ch 57

1005 Still have difar @ 7 kHz, but not lower ^{freq} one (3.5 kHz)
- sounds ok though + full bars.

1027 - still sounds good

1114 - starting to lose buoy @ 6.25 nm

CRUISE:



DATE

9-20-06.

SONOBUOY #

11

TIME

1615

SIGHTING #

166.

LATITUDE: -2° 0509

Brydes

LONGITUDE: -105° 3604

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 17A

CHANNEL: 66.

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: —

RECORDING LABELS:

37AR06 3BDAT11

SOUNDS DETECTED:

RECEPTION DISTANCE: —

RECORDING REVIEWED? —

COMMENTS:

1615 - Buoy tossed + started recording (1618), 1666
1620 - Sounds good so far!! Still close to ship. full rec.
1635 - Little bit of interference. - still good bars! bars!
1637 CS
1730 end recording - Not monitored!

CRUISE:

DATE 9.20.06

SONOBUOY #
12

TIME 1754

SIGHTING #
167

LATITUDE: -2. 0801 Brydes Whale

LONGITUDE: -105. 2099

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 50

DEPTH: _____

HRS TO SCUTTLE: 8 hrs

BAD BUOYS: _____

RECORDING LABELS:

STAR '06 SBDAT12

SOUNDS DETECTED:

RECEPTION DISTANCE: _____

RECORDING REVIEWED? _____

COMMENTS:

1754 Buoy deployed, start recording - good buoy
~ 500m from whale

1807 CS

1907 Reception going out - stop recording

CRUISE:



DATE

9.21.06

SONOBUOY #

13

TIME

0932

SIGHTING #

169

LATITUDE:

-2.2445

Blue

LONGITUDE:

-103.3245

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

62

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

RECORDING LABELS:

STAR'06 SBDAT13

SOUNDS DETECTED:

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

0932 Buoy deployed - good buoy, start recording
~0941 frog-like sound? Not so loud - check!!

CRUISE:



DATE

9.22.06

SONOBUOY #

14

TIME

0706

SIGHTING #

175

LATITUDE: -2.3856

LONGITUDE: -106.8244

Brydes

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 60

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: —

RECORDING LABELS:

STAR'06 SBDAT14

SOUNDS DETECTED:

RECEPTION DISTANCE: ~6.5

RECORDING REVIEWED? —

COMMENTS:

0706 sonobuoy deployed 3/4 nmi from whale, start recording
0743 CS

CRUISE:



DATE 9-22-06

SONOBUOY #
15

TIME 0910

SIGHTING #
176

LATITUDE: -2° 40' 89" Buoydes?

LONGITUDE: -100° 6' 05"

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 55

DEPTH: _____

HRS TO SCUTTLE: 8hrs

BAD BUOYS: _____

RECORDING LABELS:

STAR'06 SBDAT15

SOUNDS DETECTED:

RECEPTION DISTANCE: ~7nmi RECORDING REVIEWED? _____

COMMENTS:

0910 buoy in good buoy, start recording
0938 Buoy is really quiet, but great! Full bars + difar.
1032 Still getting difar but signal all static-y.
Buoy was great for ~7nmi

CRUISE:



DATE

9-22-06

SONOBUOY #

116

TIME

1146

SIGHTING #

178

LATITUDE: $-2^{\circ} 49'14''$

LONGITUDE: $-100^{\circ} 34'04''$

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 58

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: \emptyset

RECORDING LABELS:

~~STAR06~~ SBOAT16

SOUNDS DETECTED:

RECEPTION DISTANCE: ~6nm

RECORDING REVIEWED? —

COMMENTS:

1146 - Buoy launch + recording started - sound good!!
- S178 is ~ 300m at loss of buoy.

CRUISE:



DATE 9.23.06

SONOBUOY #

17

TIME 1052

SIGHTING #

186

LATITUDE: -2. 16822 Brydes

LONGITUDE: -97. 3121

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 60

DEPTH: —

HRS TO SCUTTLE: 8 hrs

BAD BUOYS: — 50-

RECORDING LABELS:

STAR'06 SBDAT 17

SOUNDS DETECTED:

PM
LF Brydes (<50Hz)

RECEPTION DISTANCE: —

RECORDING REVIEWED? —

COMMENTS:

1052 buoy deployed, good bray, start recording
1231 ~~the~~ buoy is all static now.

CRUISE:

DATE 9-24-06.SONOBUOY #
18TIME
0926SIGHTING #
196LATITUDE: -2° 9013

Blue whales

LONGITUDE: -94° 7677

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77ACHANNEL: 65DEPTH: —HRS TO SCUTTLE: 8# BAD BUOYS: 0

RECORDING LABELS:

STAR06 SBDAT18

SOUNDS DETECTED:

RECEPTION DISTANCE: ~10nmRECORDING REVIEWED? —

COMMENTS:

- 0924 - ~~Buoy is~~ Buoy is over and looks good! Full bars
 0925 - S196 Blue whale is @ 20L + 0.6nm
 0934 - Interesting blobs around 20#2 and downsweeps from 70-20??
 0947 - Not much going on... still chasing S196. S196 = 300m from ship.
 0959 - Visual has lost them... CS!
 1020 - Buoy still looks good, 3/4 reception bars.
 1053 - Buoy starting to fade at 10.4nm

CRUISE:

DATE 9.24.06

SONOBUOY #

19

TIME 1508

SIGHTING #

199

LATITUDE: -2. 9657

Blue

LONGITUDE: -93. 9584

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 70

DEPTH: _____

HRS TO SCUTTLE: 8

BAD BUOYS: _____

RECORDING LABELS:

STAR'06 SBDAT 19

SOUNDS DETECTED:

LF downsweeps!!
LF pulses (single)

RECEPTION DISTANCE: 6.5 nm

RECORDING REVIEWED? _____

COMMENTS:

1508 Buoy in, Buoy Good, whale ~ 120m in front of the ship

1710 ChR SB20
ChL SB58

1715 Buoy dead @ 6.5 nm

CRUISE:

DATE

9.24.06

SONOBUOY #

20

TIME

1714

SIGHTING #

203

LATITUDE:

-2.9726

blue

LONGITUDE:

-93.8533

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

58

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

RECORDING LABELS:

STAR'06 SBDAT 20

SOUNDS DETECTED:

VF down sweep
Possible 27 kHz Moan?! Antartic?!?
40 kHz pulse followed by 20 kHz down sweep

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

1712 buoy deployed - good buoy (Right Ch = ~~58~~^{Ch 20}, left = Ch 58)
1716 both channels on 58 now
1753 losing my buoy, it kind of comes/goes
→ we are getting close to CTD time

CRUISE:

DATE

9-25-06

SONOBUOY #

21

TIME

0743

SIGHTING #

204

LATITUDE:

2.9242 Blue whale

LONGITUDE:

12.3261

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

52

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

RECORDING LABELS:

STAR'06 SBDAT 21

STAR'06 SBDAT 22

SOUNDS DETECTED:

LF Downsweeps

0946 LF Tones ~25Hz

RECEPTION DISTANCE:

7.4nm

RECORDING REVIEWED?

COMMENTS:

0743 buoy in, start recording - good buoys

0745 whale 50m off port beam

0746 whale 100m off port stern

0828 Buoy is still doing good.

0947 EBT SBDAT 21 BOT SBDAT 22

0952 starting to lose buoy @ 7.4nm (we are turning for another sighting)
1020 stop recording it's very dead

CRUISE:

DATE

9.26.06

SONOBUOY #

22

TIME

1229

SIGHTING #

213

LATITUDE:

-2.4230

Blue

LONGITUDE:

-89.1396

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

52

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

RECORDING LABELS:

STAR'06 SBDAT 23

SOUNDS DETECTED:

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

1229 Buoy launched, start recording, good buoy
NO MONITOR OF BUOY AT ALL → I think it died
→ I think the sonobuoy is bad
1324 Deployed 2nd buoy on 58

CRUISE:



DATE 10-08-06

SONOBUOY #
23

TIME
1426

SIGHTING #
253

LATITUDE: -78 7719 S *brydes/scr*

LONGITUDE: -85 8852

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 66

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: —

RECORDING LABELS:

STAR'06 SB DAT 24

SOUNDS DETECTED:

possible Mn song (distant)? - Yup
possible mnm @ 3042? ~ 14:52
15:02

RECEPTION DISTANCE: 7nm

RECORDING REVIEWED? —

COMMENTS:

1426 buoy in, good buoy < 500m from whale
1453 CS
1540 losing reception now @ 7nm

CRUISE:



DATE

10.09.06

SONOBUOY #

24

TIME

1156

SIGHTING #

254

LATITUDE: -10° 38' 34"

Blues

LONGITUDE: -86° 66' 19"

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 68

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: —

RECORDING LABELS:

STAR'06 SBDAT 25

SOUNDS DETECTED:

LF Down sweeps
faint humpbacks
IF 30 Hz down sweeps

RECEPTION DISTANCE: —

RECORDING REVIEWED? —

COMMENTS: 3 animals in group

1156 - buoy in, start recording < 500m

1222 - got a biopsy, doing circles to pick up bott, buoy is 1.5 nm away

1228 - CS

CRUISE:



DATE

10.11.06

SONOBUOY #

25

TIME

1835

SIGHTING #

259

LATITUDE:

-12.7636

blue
(52% Orcas also
in area)

LONGITUDE:

-90.9187

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

64

DEPTH:

—

HRS TO SCUTTLE:

8

BAD BUOYS:

—

RECORDING LABELS:

STAR '06 SBDAT 26

SOUNDS DETECTED:

possible MN?
~~noise~~ faint 20Hz downweep?

RECEPTION DISTANCE:

—

RECORDING REVIEWED?

—

COMMENTS:

1835 buoy ~ 500m from blue whale (orcas also in area) Good Buoy

CRUISE:

DATE

10/13/06

SONOBUOY #

26

TIME

0812

SIGHTING #

264

LATITUDE:

-9. ~~9503~~ 9566

UNID
BALAENOPTERID

LONGITUDE:

-94. ~~7605~~ 7677

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

5774

CHANNEL:

56

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

RECORDING LABELS:

STAR'06 SBDAT 27

SOUNDS DETECTED:

-possible calls @ 20Hz?
20Hz downweeps?
-possible 90Hz followed by 20Hz downweep

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

0812 buoy in H₂O - looks good
0826 CS - didn't get a good view (unid Balaenopterid)
0856 - starting to lose buoy? Good reception but bad LF noise - buoy at 3.7 nmi
1030 - Buoy dead

CRUISE:

DATE

10.13.06

SONOBUOY #

27

TIME

1159

SIGHTING #

265

LATITUDE:

-9.61503

Blue whale

LONGITUDE:

-95.1657 W

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

63

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

RECORDING LABELS:

STAR06 SBDAT28

~~STAR06 SBDAT29~~

SOUNDS DETECTED:

 Downsweeps
 20 Hz pulse / downsweeps

RECEPTION DISTANCE:

5 nmi

RECORDING REVIEWED?

COMMENTS:

1159 good buoy in water ~ 500 m from whale
 1205 Biopsy hit! ammo?
 1239 whales still in area w/ sonobuoy
 1251 Whale pooped. big pile of poop going down starboard side of nm!
 1314 CS (buoy ~ 1.1 nmi off port beam)
 1326 (some radio interference)
 1348 starting to lose sonobuoy - 5 nmi
~~STAR06 SBDAT29~~

CRUISE:

DATE

10.13.06

SONOBUOY #

28

TIME

1649

SIGHTING #

268

LATITUDE:

-9.4357

Brydas

LONGITUDE:

-95.6886

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

55

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

RECORDING LABELS:

STAR '06 SBDAT ²⁹ ~~33~~

SOUNDS DETECTED:

17:44 Long 20 Hz call? ... Interesting!

RECEPTION DISTANCE:

2.4

RECORDING REVIEWED?

COMMENTS:

1649 Buoy Good - start Recording w/in 600m

1714 CS

1755 Buoy starting to fade @ 7.4nm

CRUISE:

DATE

10-15-06

SONOBUOY #

29

TIME

1143

SIGHTING #

277

LATITUDE: -5° 8721

Blue

LONGITUDE: -98° 0331

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 69

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: 0

RECORDING LABELS:

STAR'06 SBDAT 30

SOUNDS DETECTED:

none noted

RECEPTION DISTANCE: 5.3nm RECORDING REVIEWED? —

COMMENTS:

1142 - SBI launched - looks like a good buoy!
1143 - Rec. started, Animal down, but was just at ~350m
1157 - Buoy is very close to the ship - hopefully they don't run it over!
1213 - LF noise on buoy (below 40Hz) - not sure why, buoy looks good - bad for blues
1219 - CS (note: they started grinding on ship, may be some noise for that
↳ buoy & whale w/in a few hundred meters at this time
1252 starting to lose reception on the buoy @ 5.3nm

CRUISE:



DATE

10.15.06

SONOBUOY #

30

TIME

1432

SIGHTING #

278

LATITUDE: -5.5527 Blue

LONGITUDE: -97.8974

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 53

DEPTH: —

HRS TO SCUTTLE: 8

BAD BUOYS: —

RECORDING LABELS:

STAR'06 SB DAT 31

SOUNDS DETECTED:

RECEPTION DISTANCE: 6nm

RECORDING REVIEWED? —

COMMENTS:

- 1432 Buoy launched, whales ~ 0.5nm - going up for poop pile
- 1507 Buoy has some static
- 1515 Buoy is going out (6nm) - maybe good for a little long

CRUISE:

DATE

10.16.06

SONOBUOY #

31

TIME

0900

SIGHTING #

282

LATITUDE: -3.3778 Blue

LONGITUDE: -17.0228

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 60

DEPTH:

HRS TO SCUTTLE: 8

BAD BUOYS:

RECORDING LABELS:

STAR'06 SBDAT 32

SOUNDS DETECTED:

no vocals noted

RECEPTION DISTANCE: 5.5nm RECORDING REVIEWED?

COMMENTS:

0900 Checked buoy, good buoy, Start Recording, several animals within 1nm
0940 Starting to lose reception on sonobuoy

CRUISE:



DATE
10.16.06

SONOBUOY #
32

TIME
1343

SIGHTING #
284

LATITUDE: -2.7742 Blues
+ cow/calf

LONGITUDE: -96.6543

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 56

DEPTH:

HRS TO SCUTTLE: 8

BAD BUOYS:

RECORDING LABELS:

STAR'06 SBDAT 33

SOUNDS DETECTED:

LF Squeal Calls
LF Tonal (~20-40Hz)

RECEPTION DISTANCE: 6nm

RECORDING REVIEWED?

COMMENTS:

1343 Buoy deployed, good buoy, start recording, whale ^{~100m} ~~50m~~
1346 whale com from us
+ cow/calf! * at least >2 other animal
1453 starting to lose sonobuoy @ 6nm

CRUISE:

DATE

10.16.06

SONOBUOY #

33

TIME

1810

SIGHTING #

286

LATITUDE:

2.3479 Blue

LONGITUDE:

96.3028

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 55A

CHANNEL:

53

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

RECORDING LABELS:

STAR'06 SBDAT 34

SOUNDS DETECTED:

20 Hz down sweep
 ~24 Hz tones
 LF Mid Downswaps

RECEPTION DISTANCE: N/A

RECORDING REVIEWED? _____

COMMENTS:

1810 buoy deployed, start recording - w/in 500m of whale
 1829 SBI is ~600m off stbd beam.
 1856 Buoy is good still - animal is 1/2 nmi away, SBI 1 nmi
 1917 O & COT - bringing in Array - Blues still spread in
 general area & ~2 animals w/in a
 mile or two.
 ASD-deployed a 2nd sonobuoy - starting to lose this one
 (old) = night = ch2

CRUISE:

DATE

10.16.06

SONOBUOY #

3A

TIME

1950

SIGHTING #

NIGHT, near Sta 286, blue

LATITUDE: -2.2504

LONGITUDE: -96.2993

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 64

DEPTH:

HRS TO SCUTTLE: 8

BAD BUOYS:

RECORDING LABELS:

STAR'06 SBDA34
STAR'06 SBDA35

SOUNDS DETECTED:

Downsweeps
25 Hz Tones

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

1950 LEFT=Ch 64 - Newbury (SB34) - left Ch 1
RIGHT=Ch 53 - old buoy (SB33) - right Ch 2
2124 Start SBDA35. Doh! SBDA34 ended hours ago!
Both Channels now Ch 64 (This buoy only!)

CRUISE:

DATE

10.17.06

SONOBUOY #

35

TIME

0918

SIGHTING #

296

LATITUDE:

-0.7984

Brydes

LONGITUDE:

-95.7093

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 62, 59

DEPTH: _____

HRS TO SCUTTLE: 8

BAD BUOYS: _____

RECORDING LABELS:

STAR'06 SBDAT 36

SOUNDS DETECTED:

~~NOISE~~
15 Hz sound? noise? or?
30 Hz sounds
best 25 Hz

RECEPTION DISTANCE: ~10 nmi

RECORDING REVIEWED? _____

COMMENTS:

0918 Good buoy ~600m from whale
0923 Killed buoy, rain over it
0925 new buoy ch 59 deployed -0.8008 -95.7039
whale now @ 12 net
0957 Tonal sound ~ 25-30 kHz!
1002 - more, longer tones ~ 25 kHz.
1020 - Buoy getting static!

CRUISE:

DATE

10-18-06

SONOBUOY #

36

TIME

0750

SIGHTING #

306

LATITUDE:

1.7616

Brydes

LONGITUDE:

94.8824

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

66

DEPTH:

—

HRS TO SCUTTLE:

8

BAD BUOYS:

—

RECORDING LABELS:

STAROW SBDAT 37

SOUNDS DETECTED:

(not sure, noncont)

20 Hz tones?

RECEPTION DISTANCE:

—

RECORDING REVIEWED?

—

COMMENTS:

0750 ~~buoy~~ deployed within 200m of whale - several whale & dolphin schools in area

0839 buoy dying

0906 sonobuoy is dying

0911 END RECORDING

CRUISE:

DATE

10.18.06

SONOBUOY #

37

TIME

0606

SIGHTING #

316

Sei/
Brydes

LATITUDE:

3.2289

LONGITUDE:

-92.7788

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

56

DEPTH:

—

HRS TO SCUTTLE:

8

BAD BUOYS:

0

RECORDING LABELS:

Star'06 SPDAT 38

SOUNDS DETECTED:

25 Hz tone short
(not much)

RECEPTION DISTANCE:

—

RECORDING REVIEWED?

—

COMMENTS:

0606 Good buoy checked ~500m from whale, start recording
0620 CS, buoy is 1.16nm away
0744 Stop recording, it's been dead for a bit

CRUISE:

DATE

~~10~~ 10.24.06

SONOBUOY #

38

TIME

1229

SIGHTING #

332

LATITUDE:

9.1642

Blue

LONGITUDE:

- 76.1180

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

~~60~~ 60

DEPTH:

—

HRS TO SCUTTLE:

8

BAD BUOYS:

—

RECORDING LABELS:

STAR'06 SRDAT ~~38~~ 39

SOUNDS DETECTED:

50 Hz down sweep

RECEPTION DISTANCE:

6.7

RECORDING REVIEWED?

COMMENTS:

1229 buoy tossed ~ 400 m from whale, good buoy, start to cal
1234 another blue whale ~ 2 min away
1234 Sonobuoy ~ 100m from whale footprint
1259 CS
1347 Starting to lose reception at 6.7 min!

CRUISE:

DATE

10.21.06

SONOBUOY #

39

TIME

1438

SIGHTING #

333

LATITUDE:

9° 3348

- Blue whale

LONGITUDE:

-96° 2435

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

58

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

0

RECORDING LABELS:

STAR'06 SBDAT 40

SOUNDS DETECTED:

Tonal sounds ~ 20 kHz only
 Short tonal ~ 25 kHz few
 Downsweps.

RECEPTION DISTANCE:

9 nmi

RECORDING REVIEWED?

COMMENTS:

- 1438 - Buoy away, looks good! Animal ~ 300m
 recording started.
 1451 - coming to CS... Haven't seen much, but it's been loud (close to buoy)
 1453 - consistent ~~some~~ tonal looking vocal/noise? ~ 20 kHz ... looks too consistent
 1458 - little something ~ 20°
 1524 - couple downswEEP ~ 80°
 1537 - starting to lose reception.

CRUISE:



DATE

10.26.00

SONOBUOY #

40

TIME

0754

SIGHTING #

353

LATITUDE:

1° 6335

Brydes.

LONGITUDE:

106° 6410

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

666

DEPTH:

HRS TO SCUTTLE:

8

BAD BUOYS:

~~2~~ 2 (1st buoy
 has interference
 but may be
 useful)

RECORDING LABELS:

STAR06 SBDAT41

SOUNDS DETECTED:

RECEPTION DISTANCE:

RECORDING REVIEWED?

Right Ch. (2) = SB ch. 66 - lat/long is above.
 Left Ch. (1) = SB ch 56 (1.644 -106.6453)
 COMMENTS:

- 0754 - Tape started ... SB1^(ch 66) looks good. Animal was 400m.
 0756 - REALLY WEIRD SOUND - electronic or something? HF.
 Still too close to the ship, REALLY loud banging! We are slow speed.
 0806 - gonna do another, SB1. doesn't sound great, but is getting some thing.
 0809 - SB2 launched (ch 56) NOT GOOD, full reception but blank.
 Isn't (???)
 0812 - will keep rec cause some stuff is being picked up by SB
 0813 - ES.

CRUISE:



DATE

11-23-06

SONOBUOY #

41

TIME

19:17

SIGHTING #

N/A

LATITUDE:

8.0170

LONGITUDE:

-105.6768

OPPORTUNISTIC BUOY:

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

☐ SIGHTING

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 64

DEPTH: _____

HRS TO SCUTTLE: 8

BAD BUOYS: _____

RECORDING LABELS:

STAR'06 SBDAT 42

SOUNDS DETECTED:

~15 Hz 4 sec call

RECEPTION DISTANCE: _____

RECORDING REVIEWED? _____

COMMENTS:

1917 Buoy in water - 20 min before CTD Station - Good Buoy
2017 Buoy ~2.5 min away - stop monitoring
still recording

CRUISE:



DATE 11.29.06

SONOBUOY #
42

TIME 1418

SIGHTING #
555

LATITUDE: 12.9459 Burdes

LONGITUDE: -118.1232

OPPORTUNISTIC BUOY:

- ☐ NIGHT
- ☐ MORNING
- ☐ CTD
- ☐ TEST
- ☐ BOING
- ☒ OTHER
S#555

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 63

DEPTH:

HRS TO SCUTTLE: 8

BAD BUOYS: 0

RECORDING LABELS:

STAR'06 SBDAT 43

SOUNDS DETECTED:

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

1418 Buoy deployed, start recording whale <400m
DID NOT MONITOR

CRUISE:



DATE

11.29.06

SONOBUOY #

43

TIME

1810

SIGHTING #

556

LATITUDE:

13° 3809

unid whale

LONGITUDE:

-117° 7535

OPPORTUNISTIC BUOY:

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

SA 556

SONOBUOY INFO:

SONOBUOY TYPE:

77A

CHANNEL:

DEPTH:

8

HRS TO SCUTTLE:

8

BAD BUOYS:

SOUNDS HEARD:

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

RECORDING LABELS:

STAR'06 SBDAJ44

SOUNDS DETECTED:

RECEPTION DISTANCE:

RECORDING REVIEWED?

COMMENTS:

1810 Buoy deployed, start recording
Buoy w/in 500m of whale

CRUISE:



DATE 12/6/06

SONOBUOY # 44

TIME 1057

SIGHTING # 573

LATITUDE: 30. 6023

humpback

LONGITUDE: 117. 2663

OPPORTUNISTIC BUOY:

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

SOUNDS HEARD:

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

SONOBUOY INFO:

SONOBUOY TYPE: 77A

CHANNEL: 60

DEPTH: _____

HRS TO SCUTTLE: 8

BAD BUOYS: _____

RECORDING LABELS:

STAR'06
SBDAT 45

SOUNDS DETECTED:

RECEPTION DISTANCE: _____

RECORDING REVIEWED? _____

COMMENTS:

1057 SB deployed, start recording
looks like some mid-LF moans? Maybe I've got some song?