

STAR 2003

RECORD

ACOUSTICS

SONOBUOY LOG

DST

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SONO BUOY
LOG

David Starr Jordan

EXAMPLE

SH 45 B. MUSCULUS

7/31/02, 12:12

45° 12.2 N, 130° 10.1 W

DAT: ~~STAR 03~~ STAR 03 SB2

53B, CH 67

Sighting #, Species
Date, Time
Lat / Long
Dat Tape #
Sonobuoy Type
& Channel

TIME

1212

INFO

Buoy deployed - good signal
Animals 500m off port beam

Ship heading 030 (magnetic)

1230

No sounds yet, whales resighted
1/2 nmi from buoy (about 040° buoy)

Ship heading still 030

1240

A-B Call

1242

Upsweep?

1250

No calls recently, signal fading

Ship still moving 030

1310

Reception Gone, but will still
record to end

↳ Animals appeared to be feeding
no biopsies & photos, 2 animals seen
swimming/diving close to each other

SBI

S# 332

b. musculus

9/22/03, 14:17

13°10'N, 99°3'W

DAT: STAR 03 SBI

- changed recording level to E
- sonobuoy dropped and popped up @ 1417 (deployed from J2)
- ship about 300m from sonobuoy (0040 DAT time)
- not getting anything but static, this could be why
- sonobuoy malfunctioned - no recordings

182

SB2

Sighting # 445

3. edeni / *borealis*

10/11/03 6° 12' N

08:08 92° 22' W

SB 2 Channel 10

biopsy DSJ 031011.01

08:49 Buoy launched - good buoy lots of ship noise
and whistles!
back on course & speed - no time to hang out
↳

08:55 finally hit the record button - sorry I had it on
pause

→ we were following the animal until we got a biopsy sample. Then
we picked up the dart and dropped the body in that location ~ 20 min later.
Whale was not seen again and we went back to course and speed.
Initially identified as *3. edeni*. After looking at the digital pictures
downgraded to *3. edeni* / *borealis* → no ridges on rostrum.

SB3

Sighting # 447
Orcinus orca

10/11/03 11:49

06:13.62 N / 092:40.24 W

SB 3 Channel 10

no biopsy

sight. 448

⇒ Stenos in vicinity + another unid. dolphin school at ~ 3 miles
(~ 4 miles behind us) sight 449

13:17

Buoy launched from small boat ~ 3/4 mile from ship
at this point the school had not been seen for
~ 10 min. Animals were travelling at moderate
speed before (~ 4-5 knots) changing direction
frequently

13:18

Started recording
returning small boat at this time

13:27

faint whistle
bts of interference

13:29

2 whistles

13:31

whistles

13:33

whistles

13:38

whistles, off effort for dolphin sighting ~~sighting # 450~~

292

10:47

13:47

still hearing whistles

10:48

10:49

10:50

10:51

10:52

10:53

10:54

10:55

10:56

10:57

10:58

10:59

11:00

11:01

11:02

11:03

11:04

11:05

11:06

11:07

11:08

SB5

B. edeni # 700

SB 5 Channel 10

11-26-03

16°32'N 116°48'W

Biopsy: JS7031126.01

Photos: BIG DEG

10:45 SB launched, float popped up immediately
Whale was last seen ~ 10 minutes ago
80 m off port bow. Now we are at stange
trying to relocate it.

10:50 Whale located 90° L, 1/2 mile → going over
there at full speed

10:53 Slowing down. Whale at 20 right 300 m

10:58 Whale within close, ship keeps turning to follow
him. Lower ship noise

10:59 Just got a biopsy sample, coming around to
get the dart.

11:03 back to course & speed

SB6

722 B. musculus

22° 07' N 112° 27' W

12-03-03 16:50

SB#6 Channel 10

Photos: DIG DEG

Biopsies: DSJ031203.01

17 33

launched SB, probably less than 100 m
from whale and headed away
from it.

Back to course & speed

SB7

727 B. musculus

12-06-03 16:06

SB #7 Channel 10

Photos: DG DEC

no biopsies

Pictures: DG DEC

25° 22' N 116° 01' W

17:28 Snay bunched at ~ 5 km distance from ship by people in small boat in location where whale was seen 2 min earlier. Small boat still closing whale to get biopsy. Whale seems to run circles around ship within 2 miles

17:41 whale is 0.6 miles from ship.

17:48 ~~what~~ j2 coming back to ship for ride up. whale is still within one mile

17:58 back to course and speed

SB8

735

B. musculus

SB #8 Channel 10

biopsy: JS7031208.01

pix: DIG DEG

12-08-03 13:15

29° 21' N 118° 08' W

13:41 Buoy launched, lots of ship noise
Whale on stb. bow ~ 200 m

14:06 just stopped the ship to pick up biopsy dart. Whale
directly on the bow ~ 200 m moving straight away
from us. Sonobuoy marker is 1 mile directly on
our stern.

For the last 25 min the whale has been circling us,
ship going in small circles with both whale and
sonobuoy within 1/2 mile for the most part

14:14 Back to course and speed