PICEAS '05 RECORD SONOBUOYS

MAC I

7530-00-222-3525 FEDERAL SUPPLY SERVICE

S# Date Species SB DAT # Lat/Long (Comments) (Time) SB#1 Sondowy Type (530,778) TIME Channel Depth Hours to Souttle 66/02 Sh CC Good Buay? BAD Buoy?

TIME START RECORD SBOATX

Test Sonobuoy 7/5/05 170 nmi NE lof Hawaii
MONMUNE OF Hawaii
SBI 53D Ch54 90ft 8hrs
2048 Buoy tossed - bad buoy-regly noise
_SBZ 77B ChSo Shallow Shrs 2057 SBZ Dossed - bad buoy, nosignal
* · · · · · · · · · · · · · · · · · · ·
_SB3 53D Ch64 70ft 8hrs
SB3 53D Ch64 90ft 8hrs 2103 SB3 tossel - float poppel up —>no signal
- bad Test
- Bud Buoys

Ch2 Doesn't work', Receives is Bad

(SBI`) S#68 5#68 8/15/05 8°57.19 N SB DAT 1 164° 49.90'W n Mariana -> Screamer! Bad Bury 53-D Ch 54 906+, 8ms 634 Buoy 1 -) Good Buy!! 637 Buoy 2 530 Chis **3** h h 14 120m 6thd beam - budbion; 400 m-behind us a tow- good bury-1649 we should now be heading strought for he good buy & will 5000 pass The band busy off our port beam l epsales of the second Mary Control 1658 Some faint tones @ 2042-but not nuch else 1702 SB 500m directly behind us were tin 14 mil of where the animal was last seen 1705 coming back to course + speed 715 were ~1.1 nmi from the buoy now -2-3 bars on radio 1720 Buoy is Noun behindens Ibars, Buy is totally dead (2) (uni

5#104 Brydes Whale 8/2/05 SB Oat 2 3" 39.53' to N (3° 29.48' W SB#1 Screamer (Ch54) 1150 SB#7 Screamer (Ch Sto) 11570 SB#3 (Ch 52) 158 whole is 100n ahead of no 157 SBOTS just went bad -> Screamer (delayed 1203 (Ch64) SB#4 Bad Buoy 1209 1226 Buoy scans to be working now Ships hearding is 038° I Buoy is 22nm behindus While should be very close to bury

Property of

Harry .

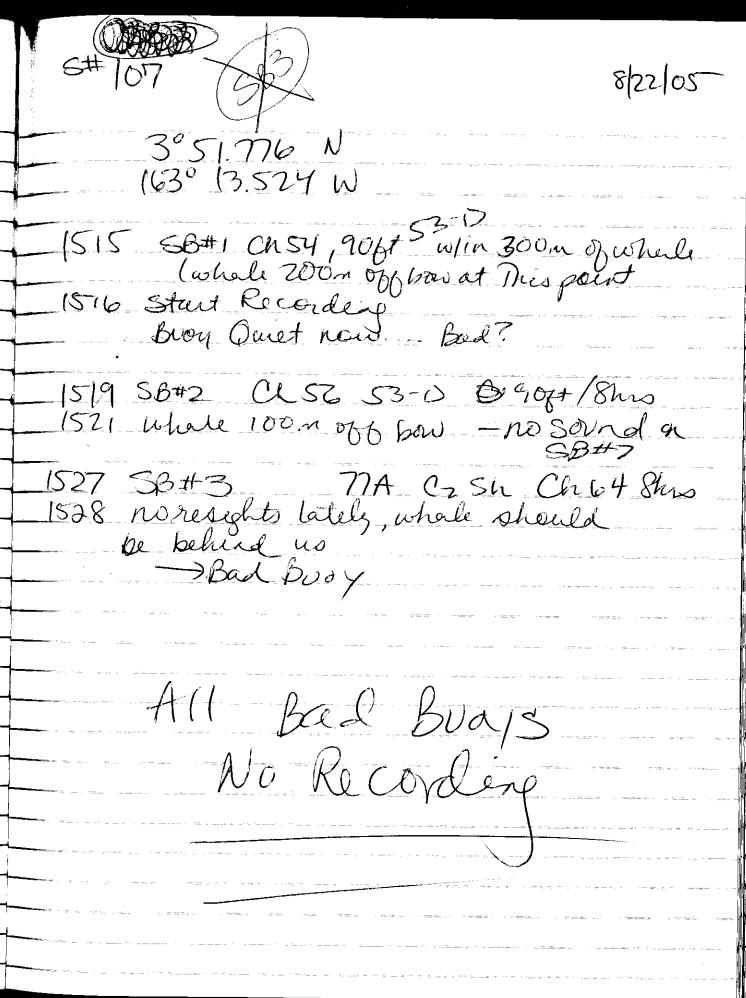
Webs.

A May of

Williams.

New Zeen.

1



5#109 3° 52369N SB) 8/22/05 163° 10.946W SBDAT3 1553 77A Chso Sh Yhus Ca Good Buoy ?!?!?! 1554 Start Recording 1555 Whale is feeding -200 m of 5thd bow 1557 20R, 30cm whale up maybe >1 aminal LOTS of fish or backscatter fish seen a surface 1559 UShips course now 128°T 1600 whale up 15R,300m 1603 whale y 54,300m 1605 animal is Som of port bearn 1606 Another animal Blowing 800m about Duoy is O. 8nmi beheld is 1608 Min 3 Animals 201 alread 1612 whales 100m of bow 1617 Fellowing what oom alreal and Magort blam - 200m

1704 Changing lift Ch to 54 to try another Sonobron
170658#57A Ch54 8krs shallow 66 LEFT CH -> CH1 L>BAD BUOU
1712 SB#6 53-D, CASG, 90Kt Sho
1712 SB#6 53-D, Ch56, 30ft, 8hrs -1719 SB#7 53-D Ch64, 20ft, 8hrs
- 1725 - Both Channels now on Ch 50 But reception is 99% gone
Dut reception is 99% your 1756 END OF TAPE
1756 END OF TAPE (reception has been gene for a while
1938 heders back neverds buoy for inte op Drever regained reception in The sonobroy (A) and of Story
(A) and of Story

SB \$ 8 23 05	_
St 121 Brydes While	,
SBOAT 4 4° 55.916N 161° 57,331W	
1812 SB#1 Ch54 77B 8hrs 8h bb - Flooles like it didn't pop up?!?	
1815 SB# 2 CMSO 53D \$8 906+ orange no floor of	ge at
1816 Start Recording There was a whale a few hindres Melers aread it Scattered Brydes in the area	L
1820 Sonobury is ~ 172L, O.3 nmi several wholes There -158L O.8 nmi whale	
-1152 0.5 pmi whale behind-s	e name.
1829 176L, 1.0 nmi buoy location	
1834 180° turn to golack towholes we are going to go near ARI to help 'em out	
(836 FS (839 IGL, Slet AR) 5L/1-30ni Surobury	

1942 Possible 30 Hz sands?

1852 Ship is now heading 286° T @ 7.5 knots The buoy (original location) is 15 mm -275°T

1959 We are on station now

4° 55.88N 161° 56.100W

Very close to busy-too much ship noise Our bow Thrusters (??) are really noisy (periodically)

2019 Begin Recording SBDAT5

2074 NOTSE (?) 60 50-4042!

2027 Ship is now @ 4º56.5N 161056.01W Conve = 003T@1.4KB 2032 50 Hz good

20 40 noise from ship is reallad now

2059 Ship maybe close-lots o nouse

2113 Ship nouse better-doing net tous now Ship heading 345 T, 2.2 knots 2018 40-50 HZ Sorne w/ bottom Javna

2125 LF Call/Noise

2137 Ships course 3447 28 knots 2142 LF Sombs at 40-50#2

2148 LF YOUR Downsneep

2158 1 think They are denewhet tons
Ships course 348°T, 5 knots and increasing
5 bars reception
2206 Ships course 348°T 7.8 kts 4-5 Bars
2213 Ships course 347°T 6.9 kts 4 bars 2222 END SBOATS Begin SBDATO
Lat 05° 02,430N Long 101° 57.170N Ships Course 346°T Speed 6.7 knows 3 Bars Reception TNO More Montolip of & Will Record to EDTA

(505) 9/2/05 5#167 SBDAT7 1646 501 Chsy Shrs 906t 53-D w/orange floot 1646 Start recording, buoy noisy (LF noise), but seems to work - Lord LF tonal noise 1652 NO! DIFAR works, but only Lord LF tonal noise 10 water noise, re boat noise 15 l're seen These 'kick in later ill gire et some time before I mort 1700 SB2 77B Ch Sto 8h bb vhalets Scattered award bucys Heaving Those fear like calls Buoy 2nnie behindes -4-5 bars receptors 50rnds good 1727 HOHZ Call 1733 Losine reception, buoy 4.2nmi bolind us (3-4 bars, still) 1739 Buoy now S. Inm.) 3-4 baroreception healing back to CS 1743 Buoy is dying bad

1

 $\prod_{i=1}^{n}\prod_{j \in \mathcal{I}_{i}}$

MANAGES!

ng photos

HALESSON

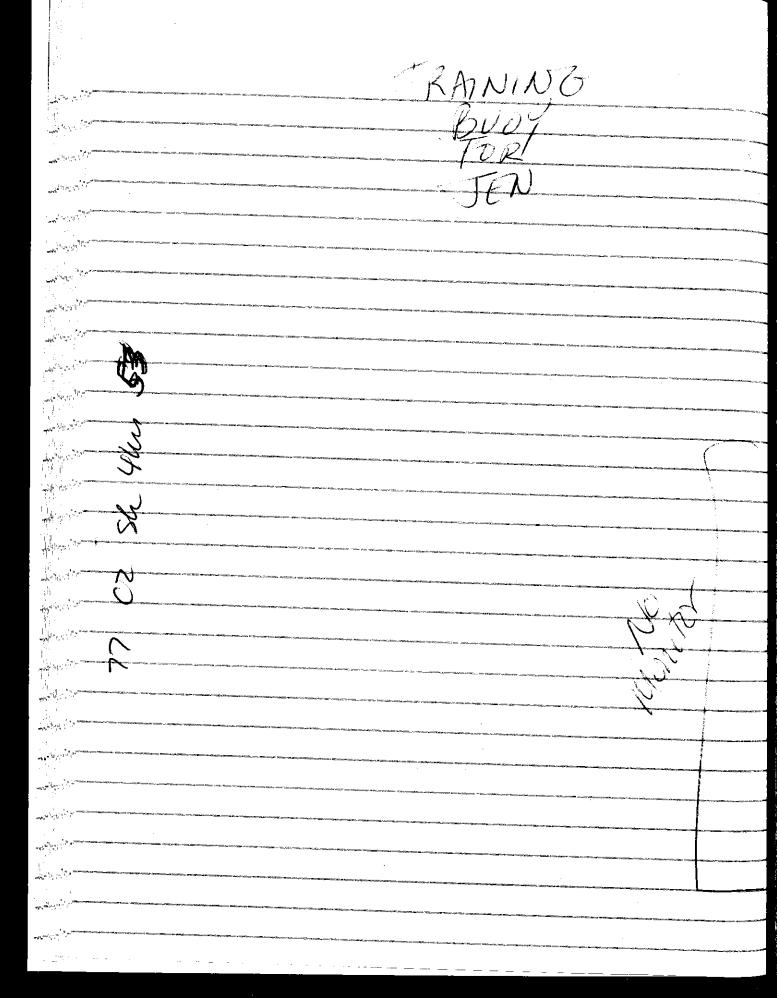
halifiya.

graden i

 $|k^{\alpha} d^{\alpha} k_{\alpha}^{\beta} e^{i k_{\alpha}^{\beta}} e^{i k_{\alpha}^{\beta}}$

猫点。

1744 Heading back to Schobron Buoy is noisy now - too Buoy is buck (i) 754 40Hz 1 "Fron-like sounds ~ 900 Hz orso 1822 8R, 1 ret - Blow (first plen in a while 2. Set - Bird flock 1827 boul 40 Hz dr Morefaint 40Hz 847 - Boing to bring in The



11/3/65 8000 OF FER TON, STR SENOBURY How, Soft. S-23P SBI \$30 Ch Sto 4hrs 90pt 1510 77B Ch 58 Shus - 26AD Start Recording Pucy Still Exal -> C. Snow from Ship Good buy Shill, buy Shill all a mile an Buoyis Inon behind is, still ands great jut how, we will be moving more new Lord Ship noise 2003

1000 tot ->nonce recorde

OPPORTUNISTIC NITE SB DAT 10 19.6718/-158.4194 1858 7B Ch 56, 8hrs, bb, Sh Good Buoy V Difar V Ship Noise 1900 Started recording $\mathcal{N}_{(h_{i}, h_{i}, h_{i})}^{h}$ 1912 Still Recalling, no monitor bury@ 0/15 nmi $\Psi_{i,j,k,j}$ -> bugy is dying or interference 600y of fillipping Stopped Recording

3	ours	BAD	G000
7/5 8/15		53D 53D 77B,77B 53D 53D 3(?)	530 1050 530
8/22		77A 53D 53D	77A
8 23	SIZI	77B,53D	53D