10 00 1999 12:01 079 SIGHTING# 274 Globacephala macrophyrolas 12:07 Ch25

BAD BOUY Tonly static, antennae did ust pap up.

10 00T 99 Globiccohala Significa # 12:25:20 Mackorhynchus 3074
07023.24 089059.29 TRYE 10 Dote, Sombury # 42 had ON 17 110° 300 Danimals Jocation relative to ship & sonsbouy (alnow ship noise, water noise - speed reseption acionals are 710° 3 ret (22nm) -alienale are about Inm away Ship is going to go back to counse 13:00 still no vocalizations pur good reception (78 bars) animals had a reginally been marcher still approached the Ship. First bony was right Next transmits laboreds bushally willing amount sup. Apimals had moved away about Inm Prom Ship when The I'm bony was land).

13.15 50000004 reception ved/right - 4 bars. 13:30 Consony reception red/right= 23 burs bluck/189 : 3.4 bars (stopped montovire) 13:55 Sonobouy reciption red/right= 1-2 bars
black/1997= 2-3 bars 14:06 Gonoloby reception red= 0 has

1126 Stat Tree, wy lova she	11 Oct 99 Orca #278 (MISSING)
ADISE	(MISS)HA)
1131 Shy mise less, but nosty static	11:25 Dropped sonaborous in the viewally of
131:4 Conf Warte ?	a cluster of sighting/resights of a small
1134:40 Fami Wate ? 1136:45 Static is less franct	Chand 19 CE 60 ft
1137:50 fount whistle	Signal came on Fight ways Vey land
1146:20 faint whiste?	Ship noise
1150:10-20 "	We had a rosty state public of the beginning, but that west away and me were left with
1151:16 best whistles so for	Substantial who and solve Arise
1153:46 pretly 2006 while	17:19 right=3 bars left=4 bars
1208,20 sexus of upsweeps (kinda Gine	12:30 Vijkt: 2 kf. 3
12154 whister (politic Gut)	
12.26:45 11 12.26:75 Dank Winste State	
W. Min 12:40 Stopped tape	

	SIGHTING # 282 B. MUSCULUS TAPE 9
82425 Start Recording	607°59.74 691°45.041 400 ft
8:32:15 cox what is blowing ~ 400 m away from ship	8 24 25 sonokovy deployed; functional bouy
8:34:30 animal is 50° left, <100m (from ship)	TAPE#9 (Initially Both Channels Lett & Aloke)
8:39:16 <100 m for this	There are 32 blue wholes within 19m
8:39:58 possile blue we man and land this roise	of The ship. We are maneuverine account the
5:43 ship twoing point lots of reise	I wire to phothica & warp azine setter
8:44:30 relatively quiet ogain	They appear to be relatively siesionally
9:00:40 animals - 700-500 m from sliep, ship make lood	
9:10 - nouronly recording on less channel	EQ-50 shows dietnot bloks @ 200m on
Light William & Chief Sendiding # 483	both the HF # LF
	0912 Conclosed 444 von ou file charel only
	A 45 15 00 Styrit Charles
	OGZI FAL SETERS
	Boy's Topic of I
	V 1000 Signal Streeth is S Wals
karan ka	Group Size = 2

9:12.11	<u>Conolouy</u>	dept.	n eed	- 4600		
9:17	armals a	2 14	00 21		11. 15. 15. 15. 15. 15. 15. 15. 15. 15.	
		is lead		ne see		
201-23	Likely	Single		ti de la companya di personala di	Programme Control of the Control of	anager
N 0928	Another "	Signal.	9.1	19 Hz	7 20 1 28	e e e e e e e e e e e e e e e e e e e
5 098:35	t é	t 1	C <sup>1</sup>	t e		
•	= ;		7.	= 2	\$42 BY	
093150						Special Section 1
<u> </u>	<u> </u>			_ 4 16 H <sub>2</sub>	y 15 586	A CONTRACTOR OF THE CONTRACTOR
09 70: 20	? <	• §	<u> </u>		<u> </u>	iku queental
0934:30	£ 5	1 1	(t.	÷.	Secretaria de la constanta de	
0141.42	west sig	raal				
098532	17.42		/ has may	vice on E	t chancel only	Forming Special
10.10	<u>Ska k</u>	ald ka	4.5a	eered an	52 + 45	in the second of
1517		contta			* A 6.7%	
	characte,	<u> </u>	law :	Cer sijee	13 3111	2 m 1/mm/n
	Lock yes	s.			enter en	and the second s
	e service and a		***************************************	Same Control of the C		227
			****			
						A CONTRACTOR OF THE CONTRACTOR

			TRES
Welmey.		i Un 52 - right aliannal	
	9:12:11	2000-2014 2125	3. <u>4.3</u> 2. 2. <del>4.3</del>
		End Tape = 9 Begin Tape = 11	
	1000	Signal 5/19972 = 3-4 BARS	
	······································		
******			· · · · · · · · · · · · · · · · · · ·
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	en e	and the second of the second o	

Group Size = Z

ALERSON A	20	cf	Camer	G.	
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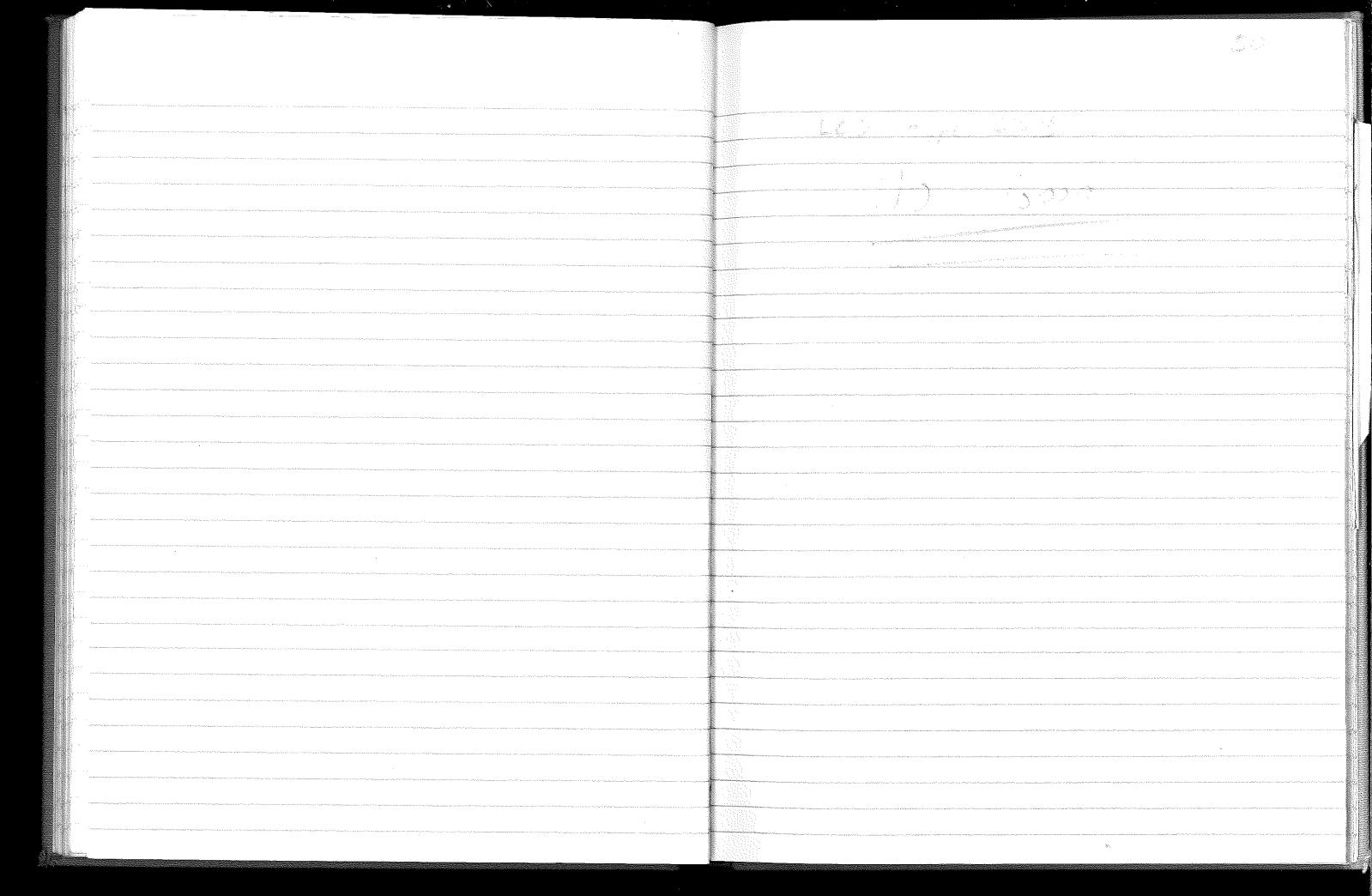
	Blue Whale Sighting # 286 +
10 miles - Good Sand Sand Sand Burry	Channel St , 400 ft , Tope # 11
Jai Statie en Vie en de des	
1049 - 31 13 Servey down	1036 Bony in The water land 18 136 / 0.5 mil
1951 - 195 give new	1037 Right channel or recorder switched to
135:70 - Bue while w/ because	Elasad SY
colu ~ SO to love de la colon	107 channel is still channel 58
11 18. 44 - wither	1040 7 BARS Small on Marcal St
11:53:04 - another-showed first	1040 7 BARS Signal on these 54
- South worker (wealer)	NAME OF STREET STREET STREET CONSTR
56.36 - another very faint	
12-01 45 - 2010 The Gazo:	12.09 2.4 fees
	1225 2-3 bars
12:00:00 95:00	
	<u> </u>
10.09 % 58 Fz	
- 1200 Alley was today by read to be ton?	
	Group Size = Z

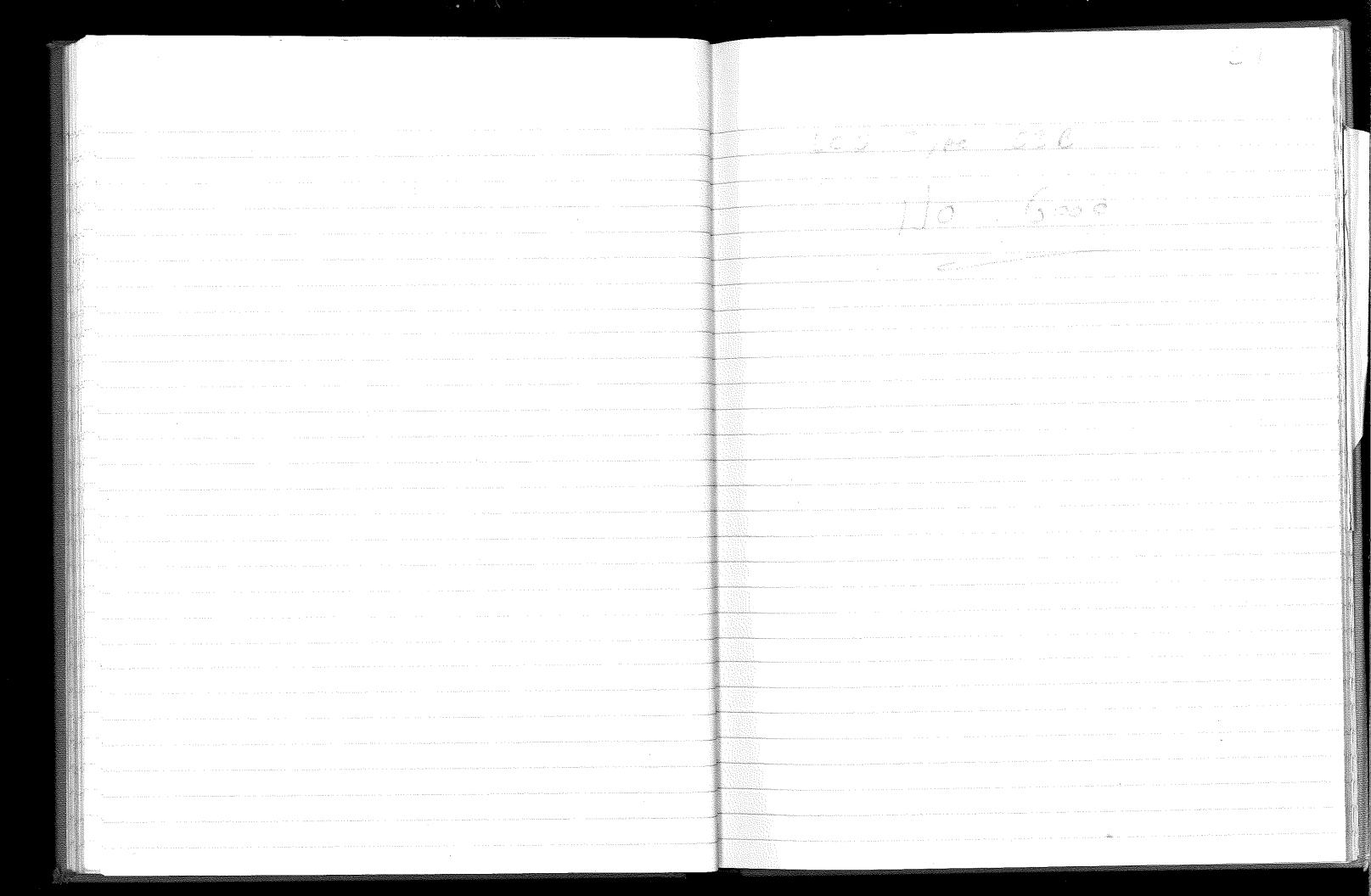
en e	477
Andrew Marine Comment of the Comment	12 Oct 99 Blue Whole Sighting # 286 *
	1120 Sanday Chart I in the Water, Left Char
	7 BARR 51900 5410914
1140 27 SC 1/2 harrows 1140 27 SC 1/2 harrows 1153:04 55 Hz Pulse Cotronga	Initially the was sony the four I
56:32 another (and (a) 12121:150 95 Hz pulses	
Brown and Some Some in noise	5-6-3/2/3-2-9/2-5/2-9
12.00 / 55 V 5 5 V 5 5 V 5 5 V 5 5 V 5 5 V 5 5 V 5 5 V	
12:10 45 Green Gre	
Lieb ( Andrews 1900 1900 1900 1900 1900 1900 1900 190	Most of
	the good recordings from S#282 and all of #286 are lost
	Group Size = 2

11 12 8/2 3/2 288 nape 11
C. A. C.
Caralle Trans 47
Red 2 Anna - Control Property
Group Size = 1

	288 THEN
And the second s	
The state of the s	
* The state of the	
Titled.	
BLUEY, WAU Y 1511:30 to 1511:52 90 Hz	
SLUE 3, Way / 326,20 to 1522 . 44 101	
BLUE 2. WAV / 1524:30 to 1525:00 90 H	
BLUE 1. VAV 1528:00 1, 1528:22 901/2	

G14 5/20 = 1





13 Oct 99 Test of LCD - type Sonobury Chancel 12 90 ft @ 0838 I took the sorrhap out of its inner Steel cylinder; took the plastic cop off and Threw the press overboard to see it I could get this pullet of "bad ones" to start working. The Floor did deploy correctly 11 Lots of statis, Lit differ signal is clear, perhaps it is falling all The way 10 joost 0849 Still bad Static, Signal Strength is 6-7 BARS 0857 Still bad static, strong differ signal 4-5 BARS

-(P <p)< th=""><th>-c (</th><th>Victory)</th><th>r.</th><th>· Committee</th><th>gerez Gan-</th></p)<>	-c (	Victory)	r.	· Committee	gerez Gan-
2 189	water against the	8		á.	Wille.

1629 Doloha Whistles / proves colle	
fitting - 11 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14 Oct 79 Bryde's whale sighting # Tope # 10 / Tope # 12 Channel SE 90fe
	(Tope # 11) / T-pe#12 Channel St 90fz
1631 Mars whistles	Noisy at first, got quieter as ship
= 1632 Begin Recording / Tope 11 (to end)	Move away 7 BARS Signal Strengt.
3. 1632-34 Pulsed sounds @ 68 Hz?	
probably a ship me line	1/2+1/2 /2 D = 21/2 /2 / 240 / 50
- 1637:30 she noise suddily decreases	Water depthis only about 270 so
and all sale of ontact noises eve audille	I set body for 70'
A 1638 145 Podio interference	
->1640:15 harmonic upsweep 50-200 Hz / misc offe	Started recording after ship noise
1641:10 Menty outland states up and gots by Our?	was reduced a 1632
	~1700 STWING (TAR #75)
1644 policet sounds / homorie upsueed / whistles	1714 Still 6 Bars, radio
	frequery interference
	1637 Stopped recording - Still 3-4BARs
1649 100 homerie Westerp	
- 3 1650 End of Tige II	
1 1655 dolphia echo location elicks?	
\$ 1856:17 pulsed signals, 400-1000 Hz	
- 1656 delano whichle elieks of Syvaniks?	
1638 45 strang homene upsweep	
- 1701:45 Strong buts	
1706:10 lawer foste booking	
1708 - Whistles continue	
II W:46 soul backing lawning [ 10th of radio]	
171146 delpin 017266 dede	
- X KID MAN TO I	
CONTINUE	

(53 con 4)

mada, but B. Masculas Sighting # 332 10/16/19 Channel 58 90' 538 1332 Still just loud ship noise on Chamel 2 Of formaniency for photos in viernity of know Right chancel Type 13 1342 - No difa signal) Strong REsignal - No andie Stat tope 1330 1351 - Shy having, Thoise EQ-50- (Red patchos @ 300m (frey?) ~1400 - very joviet pulled (~12 /2 - 5/2 42 , ceisered ~ 6040) screen in a series 14 13 20 strange brief natural notes - couldn't really see or speci 220m - Wyfers 14 14 35 Occasional light knock count (many formething 1420 whate so standsourd, 600-700m (going to make Stouch hydrogland 14 1500 another just another from soint - a little strong, another part for biggs 1430 in some if line y with your maybe die to ship 1531 OT 4/3 1536 STAKE TAPE/AIN - SHE IS NEWEST wise or 14 3450 old unoulfnipsounds (fint) KETTACHENAS DANITS 1539 SENDBOY - 200 M OFF PORT BERY NOW IN -1 11 40 LF (36/0) - page 184 die to ship 100/36? IN 43 DD TRANSIT/ TO ANOTHER BLUE WHALE STATING more of Those Knodes max leavestes W 45 16 1-2/m auny) Ship passing 222 / 200 / \* 15 45 /GOP MONITORING\* But still recording, postinione 1500 VF/- NOISE OF DIRECT 142-74742 3000 1515 Ship has been manuveredy a lot to yick 1575 See next page pods- pho onix Lit is changed 150 Aux Tape + 14 153b Short Moon? Ship noise 1 110 Hz + 162 Hz 1619/ 6-7 BARS Sil night and

1332 Love ship wise Trying to get photo	
	The state of the s
1337 60 the signal / As wise the	The second secon
1342 God difer signal, but busy service 2	magalica, e a camanina, e e a como a como participativa (esta a como de la co
Le verboled of she nois s	and the control of th
12 - disaberning 1 porce	1 (1) (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2
NHOD WAY DIRE PULSES CATEBY - 55 Hz centered - 20,	Hz.)
several in a serve	
1413:20 strang brief rutchet noise, couldn't really see ess	Till the transfer of the trans
1414:35 occasional light knock sound maybe something tour	i hijdro
1415:50 another ratchety sound a culter was	A CONTRACTOR OF THE PROPERTY O
1430 ish some et lines ~20 Hz, 40 Hz > maybe due to st	ripo
<u> W.14 D 222</u>	ta di sa titura di santa di sa sa di sa
143450 old beading 50412 ( Jair 5)	
1441:40 UP (3642) - DOSSIEN due to SIMP house	and the standard and the standard of the stand
1443:00 word Nose Eroch	
14 46. 10 man Cuscles	e de l'actionne and de la la l'action de l
1500 and ship pureine southout 200 m food to to 1515 of noise or pulse: 942 to 4742	
1515 VENDISE DI DUBLE: 9/12 to 47/42	ggga <sup>ra</sup> th to the comment of the second sec
1535 Show has blen menely color a lot 10 prices	i ya
bels-lots of rowe plit is changing	The second secon
	Jega en militietet
1596 Start Tax #14	
1410 - Short morn Ship new! 110to & 1414	F
Wy VIW	
	And the first the second secon

B. Muscolus Sighting# 332 10/16/99
Changel 2 20 533 Left chansel Tipe 13 Strong wir 7 BARS Loud andia of sha EQ SO - red patelona 300 m (DSC) yellor pattles @ 220m (ney pattles) 1649-Ch 2 left channel - 5 bars Ch 48 (new boy) # 56) vight Channel-Thans 1420 whale is now 30" stanboard, 600-700m (going to make another Biopsy pars) 1531 807 #13 1536 BOT #14 (our ships nearly retrieving duits) 1539 Gonobouy - 2000 46 port beam, now in transect To another blue whale righted a communication

\* NO MONITUR 1545-1610 \*

1649 - Ch 2 left channel (5 bans) On 48 (newboy + 52) right Channel 76mm 1138 ETT #14 1803 601745

CHZ-left SONOBOUY 64/55 CH48-YIGHT CONIT 2110 DOLPHIN CLICKS BACK-CHZ 2134 CAZ - Colphin elite still There

but Static getting but Creation = 23

Child is statished for Staticy bus

2137 - STOPPED WOW TORING

CBOTH Channels of 2-36005

	Globicipholas (* Tursiaps)
1130 4.6 KHz subjection	11173 3111 Oct 199 Tope #17
1131 feglie whistles	(6, 25 / 60'
1152 Sent Willes	
1156 good clicks & whiceles & known	1125 Good Carrier 7 BARS
Sound like both species	I Louis skip was e
	1128 Ship leaving The wea
	1133 Tusies - 1ew sighting
	W/in 1/2 and of follot wholes
	1136 Andre signal get week / Gill 7 BARS
	on RT reception.
	1137 Buy deal occustically / still 7 gards
	12 Bour working main-recording (1299) Kington now
	1718 Noise gathy had right the H boxs
	1 telt Ch = 4-5 bars
	1726 Noise yely lood resp ~ 1200 Hz
	1230 right Ch - 3 bars
	100-Uh-4 bays
	1335 Stop Herolding - jur cos et mis
	nus vighta blooms (6) 15/bais
	<u> </u>
	Tope remained to 12:00 - cally the first 30 minutes were soved
	The first 30 minutes were soved

Bryde's Wholes - Sweld 4 The was
10/15/99 2253 Sonobnoy tage #17
Chancel 25 400'
0757 Good Carrier 7 BARS
Overloaded "/ Shamise
0801 Returning to course & force
Growstie signal quality is potchy
0805 Voisy, but love frequencies but the
0816 Synal static worse 4.5 BAIR
OBJE MASY STATIC STUDIES COCCURRY 3-7 GARS
0828 Restorted recording who I saw
pulsed synals @ 133/12
OSSO Stopped recording Tope #17
1 0915 we have twined the corner and are new
getting close to the busy again. Many
Brylis wholes were seen to the even (see
Eury 57 ( 60 31,64/ngs)
0718 Storted tope 1/2 grain. Con clearly have the
0923 3-5 BACs
0936 Stapped 180/day 3-7 BARS

# 59

Bryde's whate Sighting #
Char #ss: 901

Failed - Souk

Bryde's Whale Sighting # 0055 Failure - Souk OB26 SHIP NOISE LOUD, BUT GOOD LOCALS

OB34 even better whitles /clicks

OB38 ship noise lower, whistley Selicles still great

Sperm whater in milleground?

OB47 stop manipular, but still record to get a

OB40 static - reward tope to 1/4 is

found an example of Thronging

Towed an example of Thronging

Lu/spe DENE 185

242/127

OB25 right = lowis left = lowis

Social Good Good Good Recestion

(ship of half Special despirations with the special despiration of the special form of the special f

Tursions truncatus 08:23 10/19/99