

13B1m02 - 13B1m03 - 13B1m04

Set up

13B1m03 TVEE

Ant SN CR6200548008

P/N 70194502-REVE

THALES CHOKE RING

279.4 cm Ant to DUCER BASE

10.9 cm STEM OFFSET

A 6.631 m top of CAN to DUCER BASE

1.601 M BAR CHECK

Ashtech EXTREME [yellow]

PN = 800889 Rev D

SN = ZE/200526034

1361m 02 - R/V SALLENGER

SMG CHOKE 4

THALES CHOKE 4m

P/N 781945-02 REV E

S/N CB200548003

RTK RADIO'S

ADL Vantage SMG-RTK-V-1

SMG-RTK-10m Ant Base - 1

SMG-RTK-Power cable - 4

SMG RTK-9PN Serial

SMG RTK-High Power Ant-1

Ashtech  
ZX+3ME [UMLC]

Site = ????

SN = ZC120023717

Rec. Int = 205.

known to (not RTK)

7/8/13

CHECK / install GPS @ BASE  
BERM, TMRK

TMRK PROCESSED COORDINATES

29 57 21.20430  
88 49 32.67938  
-27.198 M

BERM PROCESSED COORDINATES

30 0 28.38919  
88 50 52.00047  
-27.130 M

BASE TMRK INFO

SCAN BASE 85X

RADID = 5MG RTK-VP1

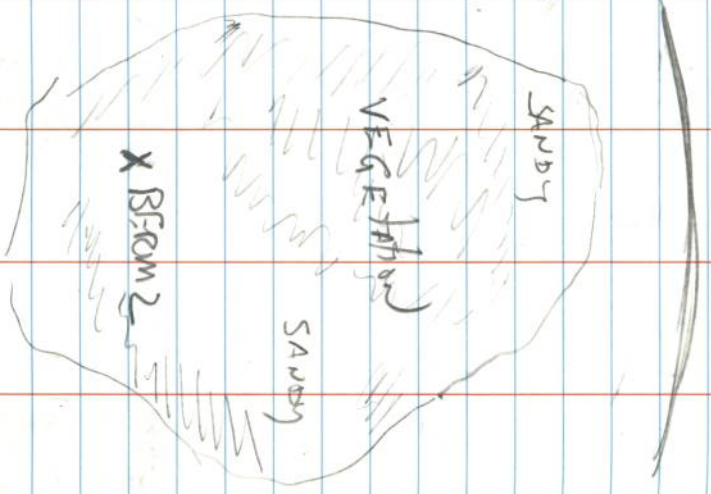
PROFLYX 500-2

CHOKE RING = SN  
PBY

THALFS CR 701945-02 REV E  
S/N CR 620015380041

N  
E

SEARCHED  
Gaug



X BEAM

Rods = ~~111~~ ~~111~~

INSTALL BEAM 2

ASPECT ANT F00936 REV D  
S/W CR13149

PROFLEX RECEIVER SMG-PF506-2  
P/N 802077 S/W 20108002

ORUS Antp output

1890 dec 1130 30 0 28.6774 IN  
88 50 51.28186 W  
-27.207 m

1904.130.130 30 0 28.67755 N  
88 50 51.28205 W  
-27.194 m

AVG 30 0 28.67750 N  
88 50 51.28195 W  
-27.2005 m

7/9/13

SET UP JEF SKI

MAGELLAN ANTERIOR SMG-6N55-2

S/N 5481 (MAG11406)

P/N AT1675-7MW

REC SMG-PE800-1

BASE BH08 (DESTROYED)

THALES CR P/N 701945-02 REC/E  
S/N CR 6200547005

ASITECH REC SMG-2X-1

JEF SKI 85 5/16" 9/32"

ANT TO PRED FACE

THALES  
Change Ant To SMG MANT-5

P/N: 700700 B  
S/N: 12914

BLUE ASITECH IS SET ←  
UP A BACK-UP RETK BASE

7/11/13

SED sample Rapid static

ROD 1H 1.6875 m + 2 cm

ANT SMG-6ANT-2

S/N 8226

P/N 701975-01 REVA

- WEATHER - No survey

0.611 m ROD for GLONASS

ANT BASE BERM 2

SMG - GNSS - 2 MAGELLAN

S/N 5481

P/N AT1675-7MW

11406

CHANGE out BASE STA. ←  
to SLOWASS ANT + OVERNIGHT  
SESSIONS to 1 SEC FOR  
LIBAN SURVEY night of  
7/12 + 7/13

A 6:35 am to 8:25 pm 5H  
O 8:30 pm to 6:30 am 1H (1 SEC)

UTC + 5H

BASE TRK + 0.611m to Ant

SMG - GNSS - 1 MAG 111406  
S/N 5480  
P/W AT 1675 - 7MW

TRK DOWN @ APPROX  
AFTER storm

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10.20.2.2 IP (static)

255.255.255.0 Subnet

10.20.2.1 gateway

10.20.2.10 IE address

Admin login  
COASTAL PW  
\* log Files \*

7/12/15

Swamp out TRK #3  
put on #5

SEDIMENT sampling

13BIM05-01 @ SITE  
12BIM01-BIEM 03 21cm  
Now just ~25 m off of  
OVERWASH!

13BIM05-02 @ crest of  
EMERGENT OVERWASH 28cm

13BIM05-03 @ SITE  
12BIM01-43 BEEM SHOREFACE  
Now IN ~ 1m WATER  
27 cm

PIX 1 looking to 13BIM05-01  
RAPID static A001

RAPID static A002  
PIX 2-3 looking N+S for  
13BIM05-02

Rapid static A003



13BIM05-04 @ SITE  
12BIM01-42 (EYES) (DAD)  
IN < 1m WATER 24cm

Rapid static site A004

13BIM05-05 @ SITE 27cm  
12BIM05-41 (SOUND SIG)  
NOIS APPROX @ SHOREFACE

2 PIX of Jim curving

2 of Cassette

1 of Julie Tapirpenses

13BIM05-06 @ GRAB SITE  
12BIM01-47 NOW IN 21m  
WATER

Rapid static A006

13BIM05-07 GRAB SAMPLE  
@ 31cm 02 ~ 1-1.5m  
WATER DEPTH  
A007

13BIM05-08 GRAB SAMPLE  
@ BICM-04 ~ 1-1.5m WD  
A008

13BIM05-09 GRAB SAMPLE  
@ 12BIM11-F01 ~ 1m WD

Rapid static A009

13BIM05-10 GRAB SAMPLE  
@ SITE 12BIM01-11 NOW IN  
1.5m + WD and Gulf SIG  
OF OVERCAST A010

4 PIX Looking W to Seabird  
N to SWFL along BEACH  
1514m

13Brimos-11 @ site 12Brimo1-01  
A011 ~ 41 cm

Pix looking E to Gulf

13Brimos-12 @ site 12Brimo1-02  
18cm (NEST) Now SITEFACE  
A012 + 5.9cm (can't) not  
spike to REFUSAL) 10 cm

1 Pix From Gulf to TRK

13Brimos-13 @ site 12Brimo1-03  
Now no ~ 0.5 m ~~ND~~ 30cm  
A013 Low BATTERY no not REC  
(post process)

13Brimos-14 @ NEST (Hatched  
post now) 36 cm

→ VIS. BLF. CHANGE TO DARKEN  
(REQ) SAND @ ~ 19 cm

13Brimos-15 @ site 12Brimo1-08  
(KRM NEST) Now ~ 1/2 SET  
NEST + SHORFACE  
A115 20 cm

TROUGH BET BERM + ISLAND  
HAS COMPLETELY FILLED IN

3 Pix Looking (1) RN to ISLAND  
(2) N + S (S) Along BERM

13Brimos-16 @ site 12Brimo1-09  
A116 35 cm

~~13Brimos-17~~  
13Brimos-17 @ site 12Brimo1-10  
A117 27 cm

7/14/13

LIDAR ground control

Target loc. 29.962  
E01' -88.827

E02 29.896  
-88.825

by transect TB

LGC E01 is ~ 1.25 km  
N of Trnk

Running gnd @ Trnk

Ant Ht 2002 cxa

SWMP REC + ANT AS  
13BIM05

~~GA~~

13BIM05-18 GRAB sample @  
12BIM01-06 1-1.5m WD

13BIM05-19 GRAB @ 12BIM01-05  
> 1.5m WD

13BIM05-20 GRAB @ 12BIM01-04  
< 1m WD

Stream Approaching from N

GRID 1 BARE EARTH @  
TRMK - SOFT SAND  
SEDIMENT WHEEL 15  
Sinkings in 1-2 cm PIX 1

GRID 2 GRASS @ TRMK  
VEG HT 50-75 cm  
Topography - DUNES PIX 2

GRID 3 MIXED VEGETATION  
~ 250 m N of TRMK  
Socm - 1m High  
PIX 3-5

GRID 4 MANGROVES +  
MIXED VEG ESTATION  
25-50 cm High  
PIX

"GRID 5" TALL VEG 50 cm - 2m  
on DUNES N of TRMK  
PIX

LINEs Along EDGE to AVOID  
walking through low VEG

LGC TARGET CI 02  
Approx @ TX 8

### SESSION B

AREA 1 = BARE EARTH 3 pics  
Pictures ~ 204, 205, 206, 207 ??  
~ 10 x 10 grid + crosshairs

AREA 2 = low lying grasses ~ knees  
high; vegetation mixed  
pictures ~ 202, 201, 200 ??

AREA 3 = BARE EARTH

13BIM05-21 @ SITE 12BIM01-10

NOW @ SHORFACE

COZ 1 28 CM

RPTD STATE = ✓

13BIM05-22

-RPTD STATE = ✓

-AT SITE 12BIM01-18 WHICH WAS  
BEACH CREST & NOW IS BREAKING  
SURF.

COZ 2 27.5 CM

13BIM05-23

-RPTD STATE = ✓

COZ 3

ON NATURAL ISLAND @  
HIGHEST POINT 31 CM

10YPT BERM END (?) +

PIX LOOKING N

10YPT LOC LOOKING N

SAME AS LAST YR?

13BIM05-24 @ CREST

~~OF~~ NATURAL ISLAND SOUTH  
OF BERM COZ 4 10.5 CM

SITE 12BIM01-27 (SHORFACE)

IS NOW > 75 M OFFSHORE

13BIM05-25 @ 12BIM01-29

COZ 5 40 CM

13BIM05-26 @ 12BIM01-28

SOUND SIDE MUD FLAT

COZ 6

29.94653674  
88.82221361  
-25.8293

13BIM05-29 Ant Height = 1.232m  
No orange extension on GPS  
Receiver session 1329

13BIM05-29 @ site 10/1/11-15  
Site on shoreface

29.94082339  
88.82153905  
-26.4373

13BIM05-28 @ site 12/1/11-16  
Site in water, sample about 20 feet  
landward (in water)  
(grab sample)  
No orange extension on GPS  
Cell previous readings (red X)  
Receiver session 1328  
13BIM05-27 Ant Height = 1.232m

13BIM05-27 @ site  
12BIM01-F05 New m ~  
1-1.5m WD @ High tide

No sample

GPS sample 12BIM01-20  
15 Nov in 40m of shore

Smith's Cove <sup>SD</sup> 196-2013 7/15/2013

BB05 = BASS = MARK  
Staric session = BB05  
Red/white pile + orange segment

Ant hgt =  
Distances X 2 samples

Water Depth ~ 1 foot  
29.93010847 88.83005883 -27.9064

MDS ] BASS = MARK

- taken @ edge of pond; mangrove

rocks - lots

- Core had some surface water extended  
from top w/ spraying & placed in

0-2 cm bag

photo of Pond Edge

- GPS session = MDS.F

- Ostriman X2

BB04

- Water Depth waist deep

- Heavy sea grass

- Blindly scraped surface under water

- For Ostriman samples X2

- GPS session = B

Smith cones continued

196-2013  
7-15-2013  
~~7-16-2013~~

MD4

- Photos

- GOS session = H MD4

- OSTERMAN X 2

- storm w/ lightning forming rapidly to the SE & heading this way

BOBZ

SD-197 7-16-2013  
Ant. Height = 16875M

- GPS session = BOBZ session A > STATE session  
- OSTERMAN X 2  
cod: 1.5m

MOD2 (ARISE)

MOD3

WIN window 9 sample BASK

- GPS session = MOD3 session B

- OSTERMAN X 2

- SM W/FARM pond

- Photos  
OSTERMAN samples very thin light brown

layer of material - lots of bubbles  
& black directly below.



OSTERMAN - DIRECT

BASE MARK

EXTREME (B/A/E)

700936 REV D THALES CR  
CR13149

CFHT SHORT

(1.276? m CHECK)

BELOW 102-105 cm

+ 8 cm sed surface

to next rod top  
out of sediment

Old Wells - B?, Kyle and Pat

Setup on both wells - top of PVC cap

Ash Extreme RIVER SMT-ZX1

SMT-GANT-4 RIV 701975-01 r. A

SMT 5952

CFHT - SHORT, 5.0 s @ 20 min each  
W 919 - Session A sound / Sess B MID

198

7-17-2013

MØ2

- Osterman X 2
- heavy mangrove roots - surface scraping between roots - very thin > 1cm of brown surface mud then black
- \* - Core = good NO labeled bag so wrote one set up

- GPS session = A = MØ2 = 198 for 10 mins.

- GPS Ant height = white/red rod

- GPS static session ± orange shot plate = 1.6875m

- Photos taken

BØ1

- GPS static session = B = BØ1 = 198

- Ant height = 1.6875m

- clean water Dave deep

- H<sub>2</sub>O flowing so make surface scraping difficult

- Osterman X 2

MØ1

- Osterman X 2
- GPS session = C = 198 = MØ1 ANT = 1.6875m
- core = good sandy w/ lots of roots that look fresh green
- Ant deep H<sub>2</sub>O
- sunny

BØ3

GPS session BØ3 (session E)

Ant 1.6875m

~ 100m from target to set

in shallow enough water

Osterman X 2

WD ~ 1m