



[MTLV] -13.67049 167.71572

106 km

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
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lat -14.542239° long 167.557223° élév. -2845 m

Altitude 355.07 km



[MTLV] -13.67049 167.71572

14.9 km

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
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Dates des images satellite : 31 mars 2005 - 3 sept. 2005

lat -13.76887° long 167.607386° élév. -29 m

Altitude 48.27 km



[MTLV] -13.67049 167.71572

3.98 km

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
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lat -13.684386° long 167.680740° élév. 30 m

Altitude 13.83 km

MOTALAVA BANKS VANUATU

Acronyme:MTLV

Lat: - 13.67049

Lon: 167.71572

H: 79.60 m

A port vila,contacter le SURVEY DEPT TEL:00678 22427 fax:00678 25973
Mr MOSES KALSALE.

A SANTO SURVEY DEPT TEL:00678 36330 FAX:00678 36560

Point situe aux iles banks a MOTALAVA TORBA PROVINCE.

Au bout de la piste d aviation cote sud,prendre le chemin qui va vers
le bord de mer.Cinq minutes de marche environ,et on arrive sur le platier.
Le point est en bronze scelle au beton au niveau du sol.sur une petite pointe.
Prevenir par un message radio le chef de VALUWA VILLAGE de votre arrive
Le village de VALUWA se trouve a 800 metres de l aerogare ou Il y a de l eau
Prevoir son materiel de camping, sa nourriture

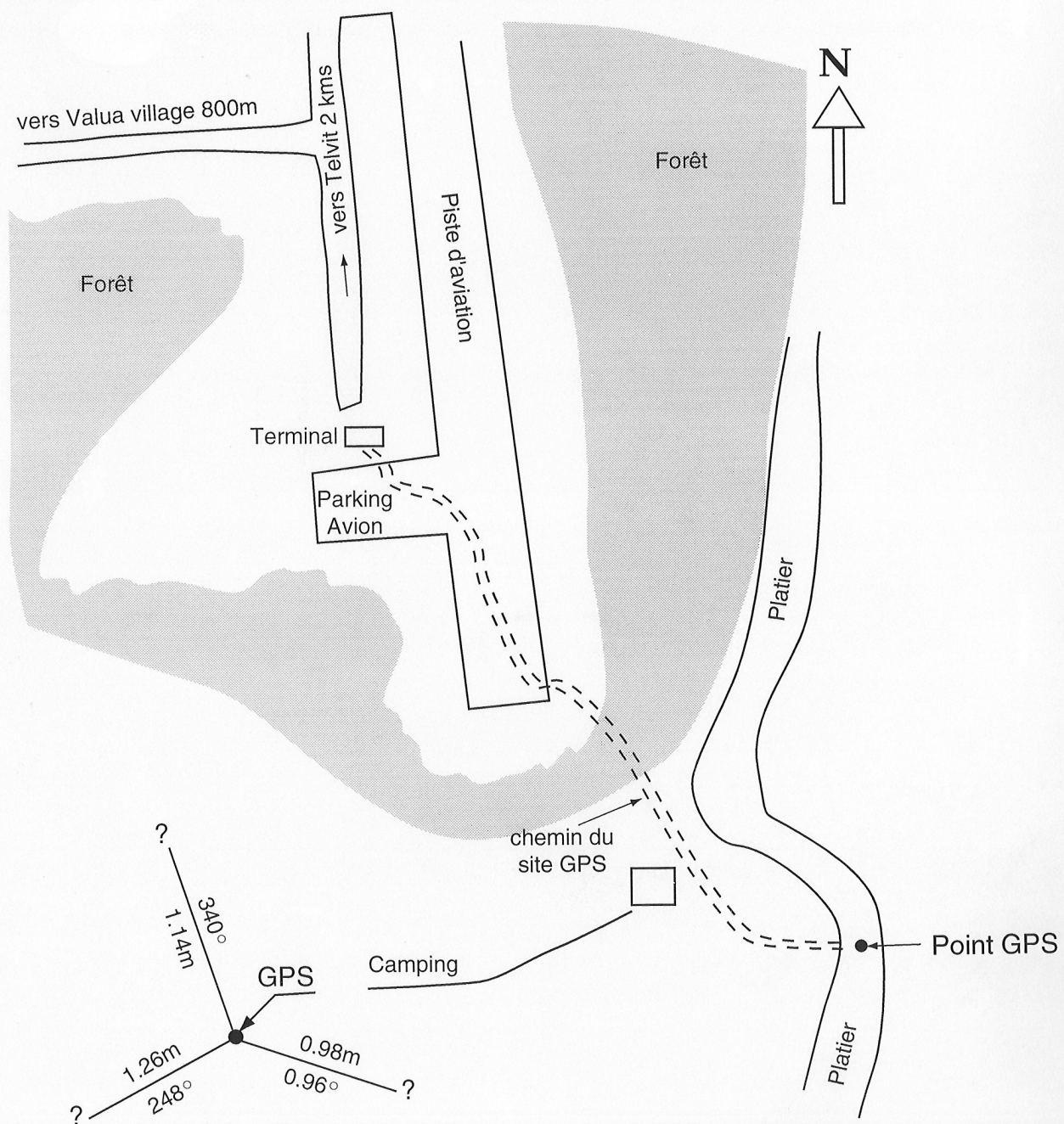
SITE de MOTA LAVA BANKS

coordonnées approchées :

Lat : - 13.67049

Long : 167.71572

h : m 79.60 m



UNIVERSITY OF HAWAII
PACIFIC GPS FACILITY

Survey Log

(To be filled in by archivist only)

Station ID: _____
Project: _____
Year: _____
Julian Days: _____

SETUP DATA

Model: _____ Serial/PGF #: ✓(12614)
Receiver: Ashtech Z-12
Firmware: 1E95-1D01
Antenna: Ashtech DM Chokering YES
Antenna Raydome being used?: ☐ Yes ☐ No
Operator's Affiliation: _____

SITE DATA

Station 4-Char ID: (MOTA) IN USED DURING OBSERVATION
Station Name: MTLV
Station Number: _____
Monument Inscription: _____
Locale: MOTA LAVA IS. TORBA PROVINCE.
Country: VANUATU.
Project: ORSTOM 97.

TECH 2000 ANTENNA MAST

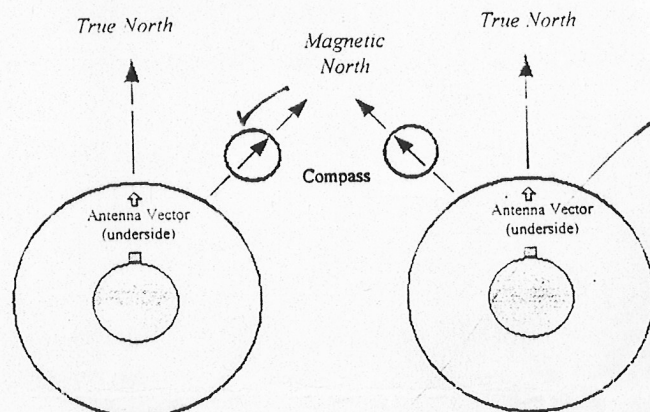
Version/Color: _____ Serial/PGF#: _____
Sections Used: ☐ A.C (Height = 1.157 m)
☐ A.B.C (Height = 1.657 m)
Penetration Depth (if > 1mm): _____
Sections tightly closed? ☐ Before ☐ After
Level? ☐ Before ☐ After
Antenna aligned w/ true north? ☐ Before ☐ After

TRIPOD & TRIBRACH w/ ROTATING OPTICS

Slant Heights: Before After
1 _____ cm _____ cm
2 _____ cm _____ cm
3 _____ cm _____ cm
Average Height: _____ cm
Level? ☐ Before ☐ After
Centered? ☐ Before ☐ After
Antenna aligned w/ true north? ☐ Before ☐ After

ANTENNA ORIENTATION

(ASHTECH DM CHOKE RING ANTENNA VIEWED FROM ABOVE)



MAG. DEC. = 12 °E

For EAST declinations,
the antenna vector points
LEFT of the compass
needle.

MAG. DEC. = _____ °W

For WEST declinations,
the antenna vector points
RIGHT of the compass
needle.

(See table on back for catalog of declination offsets)

SESSION DATA

JULIAN DAY	UTC DATE	UTC START	UTC END	SESSION
<u>280</u>	<u>07.10.97</u>	<u>08.10</u>	<u>2359</u>	ABCD
<u>281</u>	<u>08.10.97</u>	<u>00.00</u>	<u>2359</u>	ABCD
<u>282</u>	<u>09.10.97</u>	<u>00.00</u>	<u>2359</u>	ABCD
<u>283</u>	<u>10.10.97</u>	<u>00.00</u>	<u>2359</u>	ABCD
_____	_____	_____	_____	ABCD
_____	_____	_____	_____	ABCD

NOTE: Receiver is programmed to
start at 00:00:15 UTC and end at
23:59:45 UTC; user sessions
should also be started and ended as
close to these times as possible.

TOTAL HOURS: _____

DOWNLOAD SUMMARY

Julian Day:	R-file	R-file	R-file	R-file	R-file	R-file
Archive Format:	_____	_____	_____	_____	_____	_____
File Size (bytes):	_____	_____	_____	_____	_____	_____
Conversion to B,E,S OK?	_____	_____	_____	_____	_____	_____
R-files copied to Zip Disk?	_____	_____	_____	_____	_____	_____
File Size on Zip Disk:	_____	_____	_____	_____	_____	_____
Session (circle):	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D

NOTE: Antenna arrow ↑
magnetic north

towards

TO TELMOTA LAVA

MOTA LAVA

Location:

Eastern part of island near airfield by Valuwa village.

Access:

By air from Santo (via Gaua & Sola)

By sea to Ngerenigman on west coast or Telvit on north coast.

Western anchorage safer but Telvit good for most of the year.

Road links west coast to airport and Telvit.
(4WD desirable)

Owner/Permission:

Ask chief from Valuwa village or a custom owner. Standard to lead one to GPS site. Point known to most people from village.

Site:

Established on top of flat coral rock by the edge of coral rock ~~top~~ steep drop. (see diagram)

Station Mark:

Consist of 4mm diameter brass rod set in concrete into coral rock at ground level.

Point established by M. K Williams and Notis Eisso from Land Survey Dept. October 1997 for ORSTOM VANUATU.

NOTE: Water plentiful at Valuwa village.

DIAGRAM NOT TO SCALE

Sketch Map:

To Telvit
2km

To Valuer
(3/4 km)

MOTA LAVA

in by archivist only)

N

Bush
&
Trees.

WINDSOCK

AIR
TERMINAL

PARKING
AREA

RUNWAY

Bush
&
Trees.

CORAL ROCKS

It takes about
5mins walk from Air
Terminal to GPS site.

Bush
&
Trees.

Average Height:

Level?

Centered?

Antenna aligned w/ true north?

Before

After

Before

After

Before

After

For foundations:
the antenna vector points

For E.S. section:
the antenna vector

See table on back for mapping

SESSION DATA

JULIAN DAY	UTC DATE	UTC START	UTC END	SESSION
281	08.08.97	00.00	2359	ABCD
282	09.08.97	00.00	2359	ABCD
283	10.08.97	00.00	2359	ABCD
				ABCD
				ABCD

CAMP
SITE.



close to these times as possible.

TOTAL HOURS.

GPS MARK.

Julian Day:

Archive Format:

R-file

File Size (bytes):

Conversion to B.E.S OK?

R-file saved to Disk?

File Size (bytes):

2 096°
0.98m

1.26m

ALL BEARINGS ARE MAGNETIC

DIAGRAM NOT TO SCALE.

COAST

GPS SITE

CORAL ROCKS

SEA