

Site Name : Tongoy permanent station	Author : Morvan + Vigny + Ruegg
Site Code : <u>B T O N</u>	date : year 2006 month 11 day 16
Coordinates : Lat. : S 30° 15' 47.6" Lon. : W 071° 29' 13.9" Alt. : 39 m	

DESCRIPTION

North Chili IV region, district of Limari, city of Tongoy, on top of the roof of the Biblioteca David Leon Tapia.

MONUMENTATION

Brass 12 cm rod (Delmont type), sealed in concrete + Brass rotating adaptor made at ENS (10/2006), height 44 mm (+3mm from stainless steel Chilean type used for campaigns).

ACCESS

From Ovalle, take road 5, exit at Tongoy. In Tongoy, go to the biblioteca David Leon Tapia at the beginning of the city (open Monday->Friday: 8H30-12H30 -> 14h30-18h00).

Contact : Jose Pas , informatic responsible (87757214, ramcess36@hotmail.com), Ernesto Villarroel (chief who allow the installation, phone : 391996 or 391257, 090818298).

ADDITIONAL INFORMATION

Operational since 16/11/2006 (day 320 of year 2006)

Charger : Mascot type 9840 5 Ampère.

Battery : Delphy Freedom 40 Ah.

Antenna cable Trimble 10meters, small section.

Network cable 26 AWG 4p 5meters.

Dual power connection : A = 220v from transformeur, B = 12v battery.

Receiver Configuration

Identity BTON
SN4552261605

Firmware 1.1-3 28 Apr 2005

Antenna Type: 86 = Zephyr Geodetic
SN60154264 , "4124900DC4621"
Height: 0.000 meters
Height Method: Bottom of antenna mount

Clock Steering Enabled

Multipath Reduction Enabled

L2C Tracking Disabled

Elevation Mask 15°

PDOP Mask 7

Pulse Per Second Output Disabled

Reference Frequency Using Internal Source
External source NOT detected

GPS Satellites Disabled: None
IgnoreHealth: None

WAAS Disabled
Enabled Satellites: EGNOS-AOR-E, prn121,
WAAS-AOR-W, prn123, prn124, prn125, prn126,
prn127, prn128, MSAS-1, prn130, EGNOS-IOR,
prn132, prn133, WAAS-POR, prn135, prn136,
MSAS-2, prn138

Reference Station RTCM Station ID: 0
Binex Station ID:
CMR Station ID: 0
CMR Station Name: BTON
Description: Tongoy Biblioteca - IV region - Chile
Position:
Lat: 30°15'47.65302" S X: 1750673.1 m
Lon: 071°29'13.95931" W Y: -5228329.8 m
Height: 39.074 meters Z: -3195632.0 m

Data Logging Enabled Sessions:

1s: Continuous 1440 minute sessions.
30s: Continuous 1440 minute sessions.
Power Saving Mode: Disabled.
Reserved Space: Not AutoDeleting.
AutoDelete Pools:

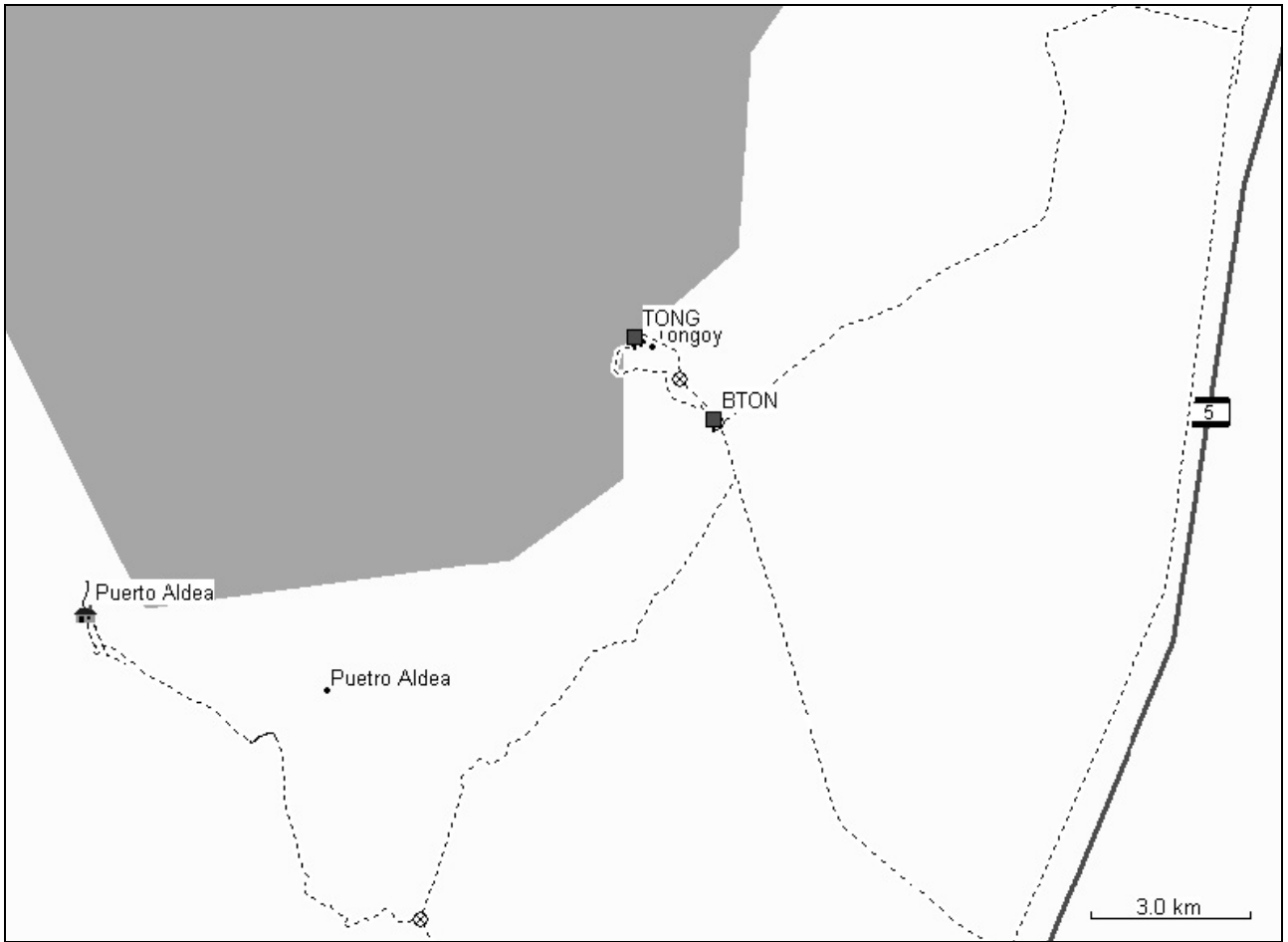
y-pool 650 Mbytes AutoDeleting.
z-pool 210 Mbytes AutoDeleting.

Ethernet MAC Address: 00:60:35:02:CF:A5
IP Address: 129.199.70.05 (static)
Netmask: 255.255.255.0

IP Filtering Disabled

Shutdown Voltage 10.68 Volts

ACCESS and SITE SKETCH MAP

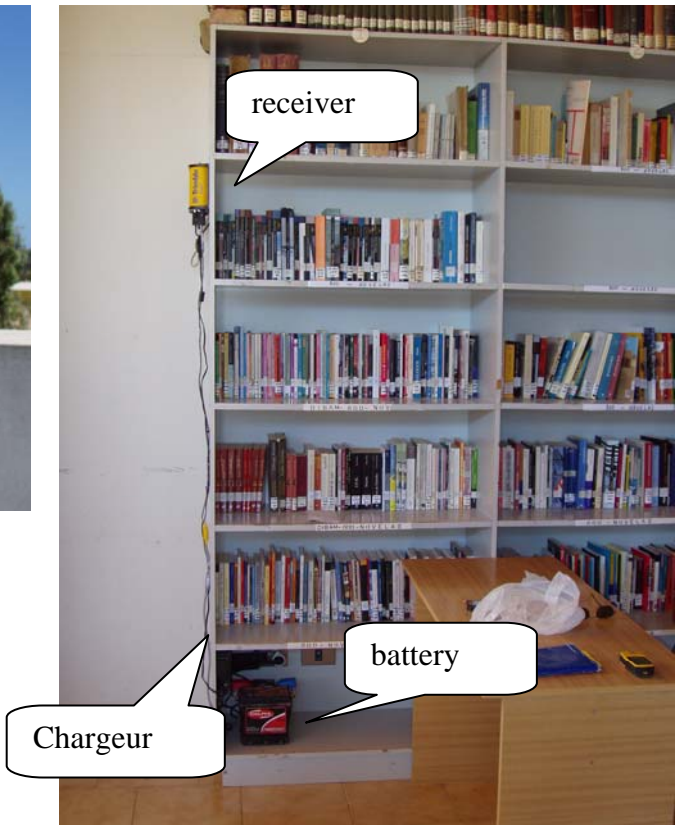




BTON: Biblioteca Tongoy



BTON: Trimble Zephyr Antenna



BTON: installation inside

INFORMATIONS

May 2007

We got the data, problem of ftp connection on windows, ok on linux, but not very fast with a crossed-cable RJ45. We talked with José Paz in charge of informatic who ask an IP adresse for the receiver to la Serana administration. We haved the IP (10.4.110.60) but not the gateway to configure the receiver. Not possible to see on the biblioteca PC because no passwd.

To do next time

- . To configure the receiver and plug it on the biblioteca network.
- . To enter antenna height and xyz position in receiver configuration