

Site Name : Ovalle permanent station	Author : Morvan
Site Code : <u>O</u> <u>V</u> <u>L</u> <u>L</u>	date : year 2007 month 05 day 29
Coordinates : Lat. : S 30° 36' 13.51" Lon. : W 071° 12' 14.00" Alt. : 248 m	

DESCRIPTION

North Chili IV region, district of Limari, city of Ovalle, on the roof of the municipality.

MONUMENTATION

Geodyssea marker type, scealed in concrete pilar + rotating adaptor, height 28 mm.

ACCESS

In Ovalle, go tgo the municipality. The receiver is in the secretary office on the first floor. The antenna is on the roof, need a scale (ask to the staff) to go on the roof. The man in charge of informatic is Jorge Huerta Gonzalez (jhuerta@muniovalle.cl , (53)661129). Possible to go the night if the guard is cool.

ADDITIONAL INFORMATION

Initial installation with Ashtech ZX-treme and Geodetic-IV antenna
 Operationnal since 26/04/2004 (day 177 of year 2004)
 Receiver SN: ZE1200321056 – firmware ZE00
 Antenna PN : ASH701975.01A / SN: 7656

Upgrade with Trimble Nety-RS and Zephyr antenna:
 Operational since 30/04/2007 (day 120 of year 2007)

Charger : Mascot type 9840 5 Ampère.

Battery : Hankok 50 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 OVLL
SN4606205174

Firmware 1.1-3 28 Apr 2005

Antenna Type: 86 = Zephyr Geodetic
SN60165763 , "Zephyr Geodetic"
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: OVLL
Description: Municipalite Ovalle - IV region - Chili
Position:
Lat: 30°36'13.51390" S X: 1770400.0 m
Lon: 071°12'14.00893" W Y: -5201675.3 m
Height: 248.392 meters Z: -3228286.1 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:

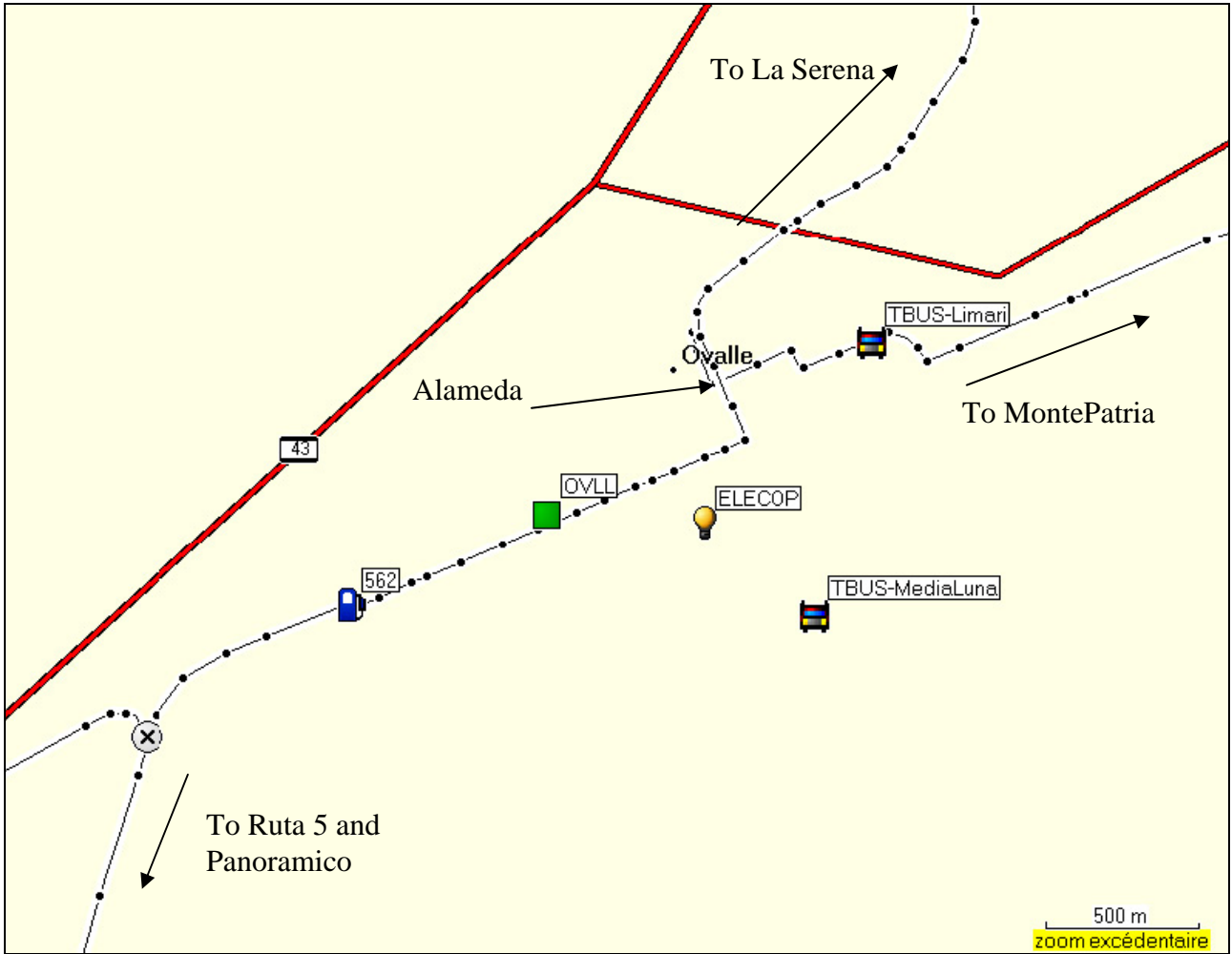
y-pool	650 Mbytes	AutoDeleting.
z-pool	210 Mbytes	AutoDeleting.

Ethernet MAC Address: 00:60:35:03:51:69
IP Address: 192.9.200.24 (static)
Netmask: 255.255.255.0,
Gateway: 192.9.200.255

IP Filtering Disabled

Shutdown Voltage 10.68 Volts

ACCESS and SITE SKETCH MAP





Receiver in secretary office



Antenna on the roof

INFORMATIONS

April 2007

We changed the receiver and the antenna. The receiver is now a NetRS Trimble (SN4606205174) (old was a ZX-treme Ashtec ZE1200321056) and the antenna is a zephyr Geodetic Trimble (SN60165763) (the old was Geodetic IV Ashtec). The NetRS is connected directly to the network municipality with its own IP address (192.9.200.24). Normally, we can access to the receiver and to the data directly from DGF server (146.83.8.251). We tried to do it with Ismael from DGF (02-9784304, cartog@dgf.uchile.cl) and Jorge Huerta in charge of informatic in the municipality (53-661129, jhuerta@muniiovalle.cl), but it didn't at the moment.

To do next time

- . To access to the receiver from DGF and if it's ok, to pick up the PC to the DGF.
- . To enter antenna height and xyz position in the config of the receiver.