

Site Name : Combarbala permanent station	Author : Morvan + Decamps
Site Code : <u>C</u> <u>M</u> <u>B</u> <u>A</u>	date : year 2007 month 05 day 08
Coordinates : Lat. : S 31° 11' 17.51" Lon. : W 70° 59' 56.28" Alt. : 964 m	

DESCRIPTION

North Chili IV region, district of Limari, city of Combarbala, in the field of agricol school 'Samuel Roman Rojas'.

MONUMENTATION

Brass 12 cm rod (Delmont type), scealed in concrete pilar + Brass rotating adaptor made at ENS (10/2006), height 44 mm.

ACCESS

From Ovalle take road 5, direction Los Villos, exit toward Canelabaja and then direction to Combarbala. The other possibility is to go in Ovalle, take road in Monte Patria Direction then to Combarbala. It takes around 2 hours in the 2 solutions, in the 2nd solution, the road is sinuous. In Combarbala, go to the agricol school "Samuel Roman Rojas" in the street Oriente 474. Ask to the director Hector Olivares Valdes (liceosrr@ctcreuna.cl, 53-741076), or to the technician Sergio Rojas Rivera (89809766, 53-741076) to go to the place where is the receiver. Accessible all year round with a standard car.

ADDITIONAL INFORMATION

Operational since 08/05/2007 (day 128 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 CMBA
SN4632120735

Firmware 1.1-3 28 Apr 2005

Antenna Type: 86 = Zephyr Geodetic
SN60154701 , "41249-00 DC 4621"
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: CMBA
Description: Lycee Agricole Hector Valdes - IV region - Chile
Position:

Lat:	00°00'00.00000" N	X	0.000 m
		:	
Lon:	000°00'00.00000" E	Y	0.000 m
		:	
Height:	0.000 meters	Z:	0.000 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: 00:60:35:03:5B:59

IP Address: 172.16.1.28 (static)

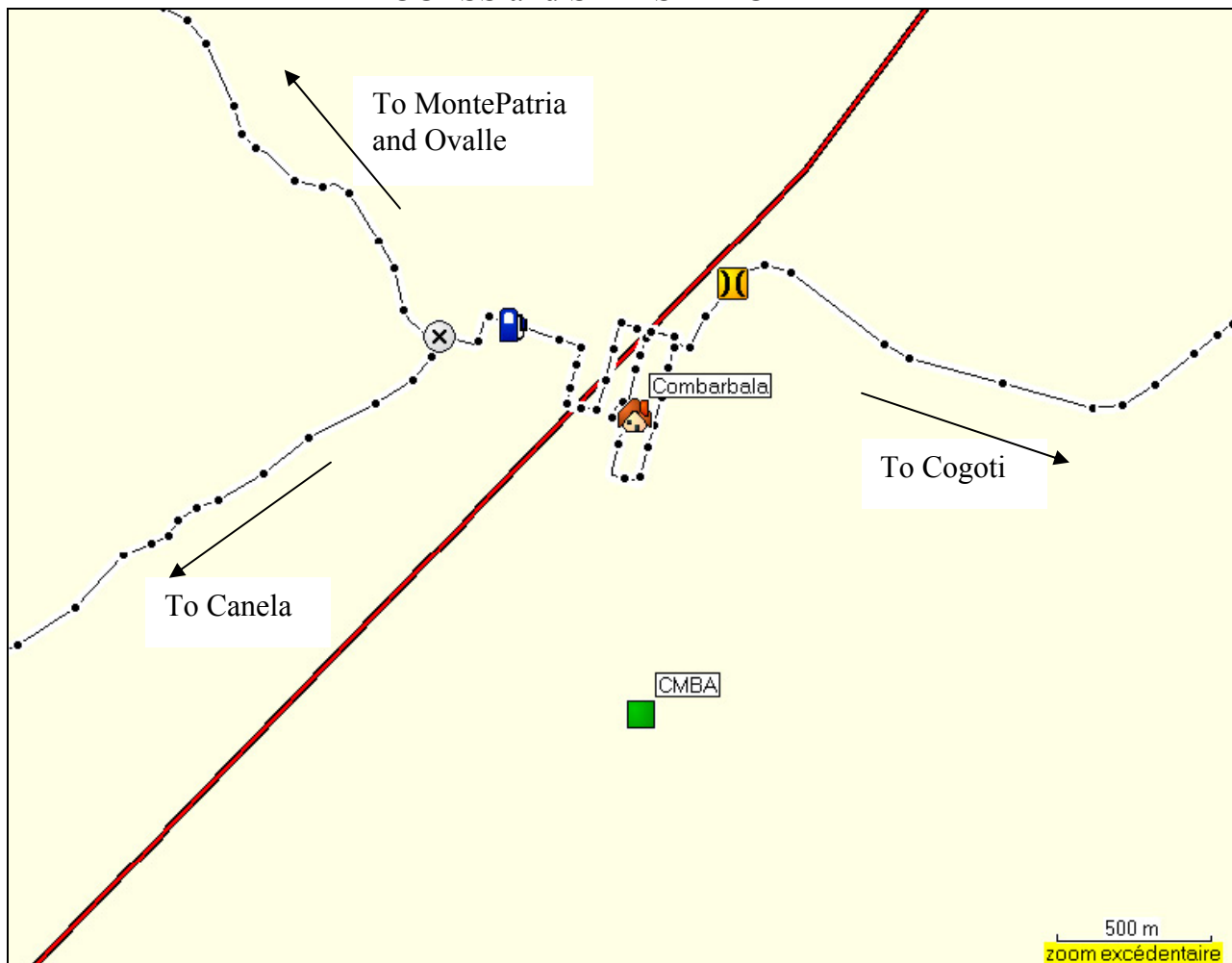
Netmask: 255.255.0.0

Gateway : 172.16.1.2

IP Filtering Disabled

Shutdown Voltage 10.68 Volts

ACCESS and SITE SKETCH MAP





Excavation size : 40x40, 3m depth



4 10x10 iron stem to re-enforce concrete



Reinforced concrete/gravel



Pilar 1.5m height anchored at 3 m depth



Pillar and receiver shelter



System in meteo shelter

INFORMATIONS

May 2007

Installation of station.

To do next time

- . To put in the receiver configuration position and antenna height.
- . To see with school director how to use internet from the school to make a connection in the field where is the installation.

