Site Name : **Cerro Negro permanent sta**	Author : **Sylvain, Marianne**
Site Code :**C E R N**	date : year **2010** month **03** day **06**
Coordinates : Lat. : **S** `32°33'29.21758"` Lon. : **W** `070°55'44.13015"` Alt. : **~6m**	

DESCRIPTION

Central Chili V region, on the road to Cerro Negro mine, near Guayacan. To of a hill on the western side of the valley, far enought from the mine and mine road to have an accelerometer colocated.

MONUMENTATION

Brass 12 cm rod (Delmont type) scealed in lava bedrock + Brass rotating adaptor made at ENS (03/2010), height 44 mm.

ACCESS

From La Ligua, follow the direction “A Cabildo” (! Not very clear). After Cabildo, follow “Alicahua” and then “San Felipe” direction. Before entering the Guayacan village, turn right in direction of Cerro Negro (cern01) in a mine track. Follow the track until a crossing marked with a big tire where you turn right (cern02). The track cross the valley to join two white houses, passing a gate that may be close during the night (if it is close, contact the owner Alcairo Aracena who is living in La Mora, but it shouln’t be). Follow the track that starts climbing the mountain but turn left at the first bifurcation. The track is narrow at some places, but a 4x4 not to large is OK. At the top, there is place to park and half turn. The station is on the big lava bedrock outcrop.

ADDITIONAL INFORMATION

Operational since 06/03/2010

Antenna : Trimble Zephyr Geodetic S/N 60205390 P/N 41249-00 DC 4926
Receiver : NetRS S/N 4811148271 P/N 75905-01
IP: 129.199.70.71
Diode for satellites recepcion is out of order : BRING A COMPUTER TO CHECK.
Battery : ACdelco (12Ah).
Antenna cable Trimble 5meters.
Two 12V solar panels with regulator associated.

TO BUY : metallic box / fixations for the box and for the solar panels (in rock) / fixations for the cables in concrete / chevilles / boite de protection pour dominos /scier l’arbre ?

Receiver Configuration

Identity CERN
SN4811148271

Firmware 1.2-5 22 Oct 2007

Antenna Type: 86 = Zephyr Geodetic
SN60205390 , "00000000"
Height: 0.000 meters
Height Method: Bottom of antenna mount

Clock Steering Enabled

Multipath Reduction Enabled

L2 Tracking L2-Y-code

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: ESTB-AOR-E, prn121, WAAS-AOR-W, prn123, EGNOS-ARTEMIS, prn125, EGNOS-IND-W, GAGAN-127, GAGAN-128, MSAS-1, prn130, EGNOS-IOR, prn132, prn133, WAAS-POR, WAAS-GALAXY-XV, prn136, MSAS-2, WAAS-ANIK-F1R

Reference Station RTCM Station ID: 0
Binex Station ID: 0
CMR Station ID: 0
CMR Station Name: CREF0001
Description: CERN
Position:

Lat:	`32°33'29.21758" S`	X:	`1758359.306` m
Lon:	`070°55'44.13015" W`	Y:	`-5086141.392` m
Height:	`599.077` meters	Z:	`-3413079.329` m

Data Logging Enabled Sessions:
1s: Continuous 1440 minute sessions.
30S: Continuous 1440 minute sessions.
Power Saving Mode: Disabled.
Reserved Space: AutoDeleting to 1 Mbytes.
AutoDelete Pools:
y-pool 650 Mbytes AutoDeleting.
z-pool 210 Mbytes AutoDeleting.

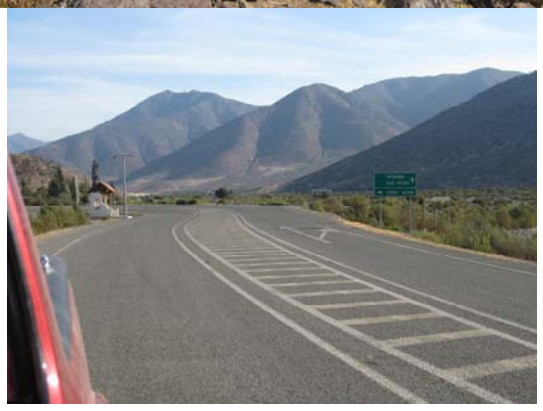
Ethernet MAC Address: 00:60:35:05:26:88
IP Address: 129.199.70.71 (static)
Netmask: 255.255.0.0

IP Filtering Disabled

ACCESS and SITE SKETCH MAP

Installation at the 07/03/2010

Cern02



Cern01

cern03

Cern04