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|-------------------------------------------------------------------------------|-------------------------------------------------------|
| Site Name : <b>Las Cabras permanent station</b>                               | Author : <b>Sylvain, Marianne, Max</b>                |
| Site Code : <b><u>C</u> <u>A</u> <u>B</u> <u>R</u></b>                        | date : year <b>2010</b> month <b>03</b> day <b>11</b> |
| Coordinates : Lat. : 34°17'07.7375" S Lon. : 71°17'46.6668" W Alt. : 263.856m |                                                       |

## DESCRIPTION

Central-South Chili VI region, in a private hill near the Las Cabras city with telephonic antennas.

## MONUMENTATION

Inox 12 cm rod (Delmont type) scealed in bedrock + Inox rotating adaptor made at DGF, height 41 mm.

## ACCESS

Take the road to San Vicente de Tagua and Peumo from the 5. Follow the road until entering in Las Cabras. Turn right from the main road to enter the village and go to the Plaza de Armas where the Municipality office is (see contacts). You have to join the "Santa Adela" street to climb to the hill with the antennas and take the keys of the fence (see contacts) . Climb on the track up to the bees apiary, and park there. The point is 200m below the track on a big outcrop.

Contact : Felipe Leyton (U. de Talca, living in curico, prof. in the Ingeneering university of Curico) 92291844

Jaime Fabia Reyes Alcalde de Las Cabras : 97419017

Diego Osorio, in charge of the "obras" at the municipality: +5672-501028  
+5672-501250, cellular : 94420319.

Mario Flores Navarro (owner of the hill, phone him to get the fence's keys): 544 Santa Adela, Las Cabras. Tel : 501140. cellular : 91963253

### ADDITIONAL INFORMATION

Operational since 11/03/2010 18:00

Antenna : Topcon antenna S/N 308-6131 P/N 01-840201-06

Receiver : Topcon receiver from ENS T225082

IP: 192.168.0.82

N: 255.255.255.000

GW: 192.168.0.1

Receiver configuration : 30s on external battery (compact flash) / 1s on internal battery, dble buffer (TO CHANGE ??)

Elevation mask: 10°

Satellites : between 7-8

Antenna cable : Topcon cable only (3m)

Charger : /

Regulator : Steca PRS1010 (10A).

Battery : Lucas (12V -75Ah).

Power connection : Solar pannels 20w \* 2 (parallel plug).

Security infos : Restricted access by car, but open to pedestrian that use to climb to the antenna. The bees and the slope where the outcrop is must be sufficient to protect the site. Necessary to put a little fence to protect the antenna and solar panels from the horses.

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- 1-2-3 : installation.
- 4- vue from the station of the antennas, the bees and the car.
- 5- Fence entrance to the hill, take the track on the right to climb up to the antennas.
- 6- Crossing from the Santa Adela street to the fence (take left)
- 7- House of the owner, to get the keys



