

## ILOC

Site Name : <b>Iloca permanent station</b>	Author : <b>Sylvain, Marianne, Max</b>
Site Code : <b><u>I</u> <u>L</u> <u>O</u> <u>C</u></b>	date : year <b>2010</b> month <b>03</b> day <b>10</b>
Coordinates : Lat. : 34° 56' 55.58653'' S Lon. : 72° 10' 44.37494'' W Alt. : 26.346m	

### DESCRIPTION

Central-South Chili VII region, in the Iloca city. The station is in a Nuevo Sur instalation with restricted access, electric power access possible, and diary watching. The Trimble antenna is on the roof of the instalation in concrete and ladrillos in a concrete pilar. The NetRS receptor is in the house.

### MONUMENTATION

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

### ACCESS

Go out from Curico with the 20 road following the Hualane/Licanten direction. Follow the road up to Iloca. Before entering the Iloca village, take right at the crossing and follow the direction of the cementary (iloc01). Before a wooden bridge, take left and park near the “Nuevo Sur” water installation (iloc02). You would need a scale to check the antenna.

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

Ana Maria Cisternas (resp. Nuevo Sur Curico) (5675) 382574 or mobile (568) 2286539, mail: [ana.cisternas@nuevosur.cl](mailto:ana.cisternas@nuevosur.cl)

Joaquim Cabello (the employee who has the keys and who watches the station every day) : 97118609

Or his son, Rodrigo Cabello (who helped us installing the station) 77429151.

ADDITIONAL INFORMATION

Operational since 10/03/2010 18:00

Antenna : Trimble Zephyr geodetic antenna S/N 60267919 P/N 41249-00 DC 4918

Receiver : NetRS receiver from Geoazur P/N 75905-01 S/N 4921172732

IP:129.199.70.32

N: 255.255.0.0

GW: 129.199.70.254

Receiver configuration : 30s / 1s sessions double buffer.

Elevation mask: 15°

Satellites : 8-9

Antenna cable Trimble 10meters

Charger : /

Regulator : Steca PRS1010 (10A).

Battery : Lucas (12V -75Ah).

Power connection : Solar pannels 20w \* 2 (parallel plug) / 220v from transformer  
but not ok during installation.

Construction infos : reinforced concrete + brick. 80cm of foundation.

**Receiver Configuration**

**Identity** ILOC  
 SN4921172732  
**Firmware** 1.2-5 22 Oct 2007  
**Antenna** Type: 86 = Zephyr Geodetic  
 SN60266778 , "N/A"  
 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** Enabled for Tracking and Corrections  
 Enabled Satellites: ESTB-AOR-E, prn121, WAAS-AOR-W,  
 prn123, EGNOS-ARTEMIS, prn125, EGNOS-IND-W,  
 GAGAN-128, MSAS-1, prn130, EGNOS-IOR,  
 prn132,  
 prn133, WAAS-POR, WAAS-GALAXY-XV, MSAS-2,  
 WAAS-ANIK-F1R  
**Reference Station** RTCM Station ID: 0  
 Binex Station ID:  
 CMR Station ID: 0  
 CMR Station Name: ILOC  
 Description:  
 Position:  

Lat:	34°56'55.58653"	S	X	1601746.399 m
Lon:	072°10'44.37494"	W	Y:	-4982578.772 m
Height:	26.846 meters		Z	-3633225.579 m

  
**Data Logging** Enabled Sessions:  
 Continuous 1440 minute  
 1s:sessions.  
 Continuous 1440 minute  
 30s:sessions. Power Saving  
 Mode: Disabled.  
 Reserved Space: AutoDeleting to 1 Mbytes.  
 AutoDelete Pools:

ILOC

y- 650 AutoDeleti  
pool Mbytes ng.  
z- 210 AutoDeleti  
pool Mbytes ng.

**Ethernet**

MAC 00:60:35:0C:  
Address: 29:44  
IP Address: 129.199.70.32  
(static)  
Netmask: 255.255.255.0

**IP Filtering** Disabl  
ed

**Shutdown Voltage** 10.68 Volts

ILOC



Iloc02 (haut-gauche) antenne (bas) Iloc01 (droite)



Récepteur NetRS.

