

Site Name : <b>Zapallar permanent station</b>	Author : <b>Sylvain, Marianne</b>
Site Code : <b><u>Z</u> <u>A</u> <u>P</u> <u>A</u></b>	date : year <b>2010</b> month <b>03</b> day <b>07</b>
Coordinates : Lat. : <b>S 32° 33' 9.96182"</b> Lon. : <b>W 71° 27' 56.11987"</b> Alt. : <b>~6m</b>	

## DESCRIPTION

Central Chili V region, pueblo Zapallar, caleta y mercado municipal.  
Possibility of electricity, maybe of internet. Municipal place with a night watchman and a restricted access. Municipality is aware of the station existence, so is ONEMI.

## MONUMENTATION

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

## ACCESS

From La Ligua, take the road 34 going west to the Coast, follow "Papudo". Arriving to Zapallar, take on your right to enter the village (Liceo at the intersection). Follow the main road and take on your right the "Fransisco de Paula Perez" street that gows down to the Caleta. Park on the parking area near the little market surrounding the hill with a Christ. The station is up the hill.

## Contacts :

\*\* Tel the municipal employee that helped us to install the station when you come to check or make changes. He is able to check the station.

Marco BERRIOS DAZA. [marcoberrios12@hotmail.cl](mailto:marcoberrios12@hotmail.cl) cellular : 77691619  
Municipality [emergencia@munizapallar.cl](mailto:emergencia@munizapallar.cl) fono: 742000 codigo area 033

\*\* other contacts : Alcalde de mar Armando FLORES 083339085

Eliseo MACAYA presidente sindicato Caleta Zapallar.

[construccionemacaya@yahoo.es](mailto:construccionemacaya@yahoo.es)

## ADDITIONAL INFORMATION

Operational since 07/03/2010

Antenna : Trimble Zephyr Geodetic S/N 60236138 P/N 41249-00 DC 4926

Receiver : NetRS S/N 4804144055 P/N 7590501

IP: 129.199.70.55

GW: 129.199.70.255

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 concrete) /  
fixations for the cables in concrete / imperméabilisant pour la boîte / chevilles

TO DO : tell the ONEMI the coordinates of the station, send the information to  
Marco Berrias.

## Receiver Configuration

**Identity** ZAPA  
SN4804144055

**Firmware** 1.2-0 26 Apr 2007

**Antenna** Type: 86 = Zephyr Geodetic  
SN60236138 , "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: ZAPA  
Position:  
Lat: 32°33'09.96182" S X: 1710592.772 m  
Lon: 071°27'56.11987" W Y: -5102237.181 m  
Height : 31.883 meters Z: -3412274.126 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 AutoDeleting Mbytes .  
z-pool 210 AutoDeleting Mbytes .

ZAPA\_perm\_new

**Ethernet** MAC Address: 00:60:35:0B:E7:0F

IP Address: 129.199.70.55  
(static)

Netmask: 255.255.255.0

**IP Filtering** Disabled

**Shutdown Voltage** 10.68 Volts

ACCESS and SITE SKETCH MAP





