Site Name : **Park Fray Jorge - Permanei**	Author : **Morvan**
Site Code : **P F R J**	date : year **2006** month **11** day **18**
Coordinates : Lat. : **S 30° 40' 29.11183"** Lon. : **W 071° 38' 07.60632"** Alt.: **206.628** m	

DESCRIPTION

North Chili IV region, district of Limari, national park Fray Jorge (open 9-16h30), outcrop near the administration house.

MONUMENTATION

Brass 12 cm rod (Delmont type) scealed in outcrop + brass rotating adaptor made at ENS (10/2006), height 44 mm (+3 from stainless steel Chilean type used for campaigns).

ACCESS

From the Panoramico hotel go to San Julian (toward road 5) then cerrilos pobre. Or go to the road 5 toward, take it direction La Serena and take exit of Fray Jorge. At the exit, take road D-560. It takes between 45' and 1 hour to go to the postguard of the park. Ask to the guard to go to the house administration where is the station, it takes 30'-45' to go from the postguard to the administration. Contacts : guards of the park : rocisjon4@yahoo.es , valnali@yahoo.es (Victor Navarro), victor cook (vcookm@gmail.com) and Juan Munoz, park administrator (093462706, 089222966, jfms78@gmail.com) or pfjorge@conaf.cl.

ADDITIONAL INFORMATION

Operational since 18/11/2006 (day 322 of year 2006)

Charger : /
Battery : Cellyte 12v 100 Ah * 2 (parallel plug).
Regulator : Aeca.
Antenna cable Trimble 30 meters, big section.
Power connection : Solar pannels 20w * 6 (parallel plug) since may 2007 and not 7 like at the beginning (we take one of the 7 to put it at EMAT).

Receiver configuration

Identity PFRJ
SN4625209659

Firmware 1.1-3 28 Apr 2005

Antenna Type: 86 = Zephyr Geodetic
SN60145100 , "4124900DC4616"
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: PFRJ
Description: Park Fray Jorge - IV region - Chile
Position:

Lat:	30°40'29.11183" S	X:	1729897.2 m
Lon:	071°38'07.60632" W	Y:	-5211020.7 m
Height:	206.628 meters	Z:	-3235037.7 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.

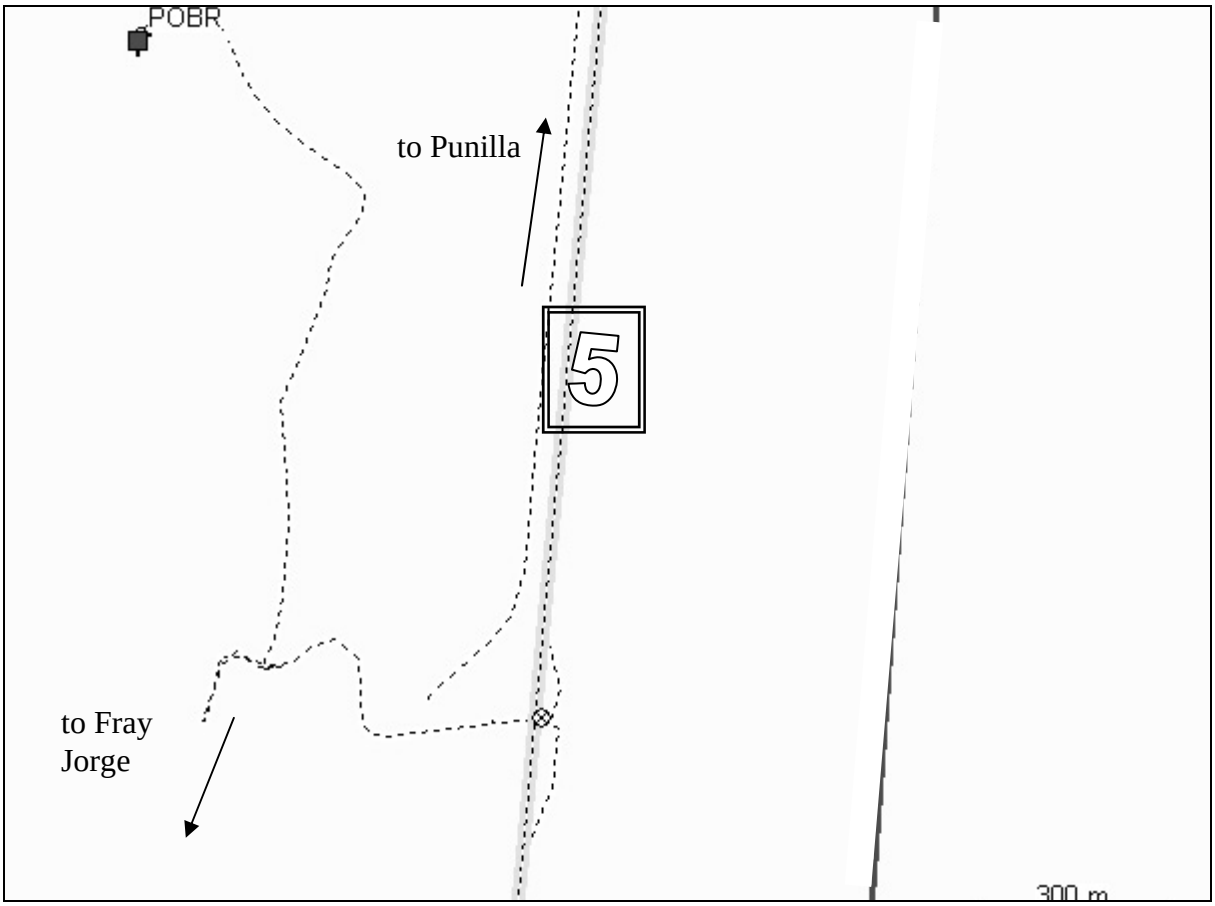
Ethernet

MAC Address:	00:60:35:03:38:31
IP Address:	129.199.70.59 (static)
Netmask:	255.255.255.0
Gateway:	129.199.70.254

IP Filtering Disabled

Shutdown Voltage 10.68 Volts

ACCESS and SITE SKETCH MAP



1 Park entry

2 Park postguard

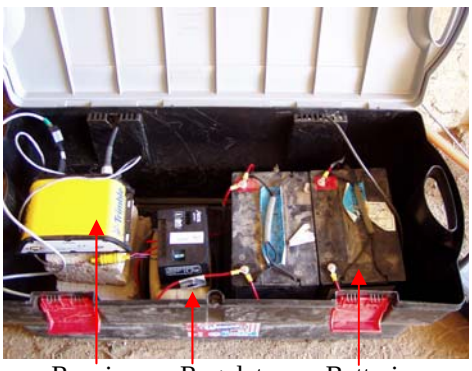
3 In the park, there s a place to eat, take left to go to the administration house

4 At the old postguard, take right ….

5 Administration house, the receiver is under the house on the left

6 Receiver place.

Receiver box (**need a key**)



Receiver Regulator Batteries

Solars pannels (6 since may 2007)

Outcrop with antenna.

INFORMATIONS

May 2007

There s a new road to go to the park, we noted modifications in this document. The system fonctionned correctly, we got datas and we took one of 7 panel (left 6 now) to use it in EMAT installation. We talked with Juan Munoz (jfms78@gmail.com), park administrator, about the transfert of the data from the receiver to the DGF in Santiago, but we must see that with Carlos Aranda (caranda@dgf.uchile.cl) from DGF and Mario Perez from ONEMI (mperez@gorecoquimbo.cl) to find a solution with technicals possibilities that already exist.

To do next time

. To see possibilities of data transmission to the DGF.
. To put antenna height and xyz position in receiver configuration.