



A product by



## PPP REPORT

Username: rpiriz  
Session: cadiz 09051  
Start Date: 2009/02/20 00:00:00 (09051)  
End Date: 2009/02/20 24:00:00 (09051)  
Run Time: 2009/04/01 18:49:29 UTC

All times are GPS Time unless otherwise stated

QUALITY DATA, ALGORITHMS AND PRODUCTS  
FOR THE GNSS USER COMMUNITY

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## 1. CONFIGURATION SUMMARY

### 1.1. LIST OF STATIONS AND RINEX FILES

Number of Stations: 2

roap, sfer

roap0510.09o, sfer0510.09o,

### 1.2. LIST OF SATELLITES

Number of Satellites: 31

G02, G03, G04, G05, G06, G07, G08, G09, G10, G11, G12, G13, G14, G15, G16, G17, G18, G19, G20, G21, G22, G23, G24, G25, G26, G27, G28, G29, G30, G31, G32

### 1.3. SETTINGS

Data Sampling Rate	5 min
Minimum Elevation Angle	10 deg
Number of Iterations	4

**Table 1. Settings**

## 2. PROCESSING SUMMARY

### 2.1. PARAMETER ESTIMATION

Total Measurements	Clock Parameters	Non Clock Parameters	Ambiguities
9768	9537	620	101

**Table 2. Parameter Estimation**

### 2.2. CONVERGENCE

A priori weight of code measurements: 0.220 m

A priori weight of phase measurements: 0.006 m

Iteration Number	RMS of Weighted Residuals	RMS of Weighted Residuals' Delta	RMS of Code Residuals (m)	RMS of Phase Residuals (m)
0	715.618	-	71693.533	71428.999
1	11.747	703.871	0.329	0.099
2	1.427	10.321	0.359	0.007
3	1.332	0.095	0.359	0.006
4	1.323	0.008	0.358	0.005

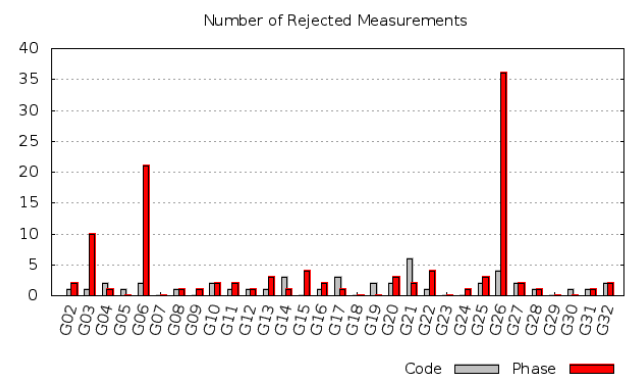
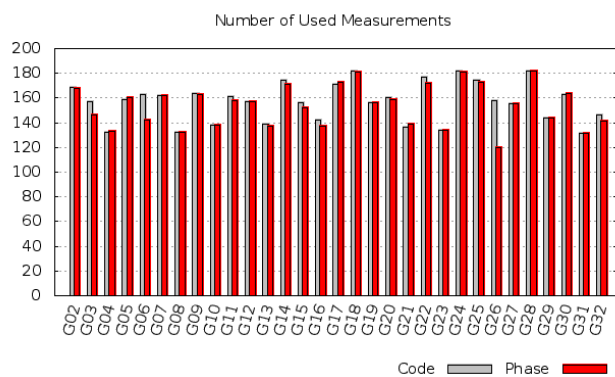
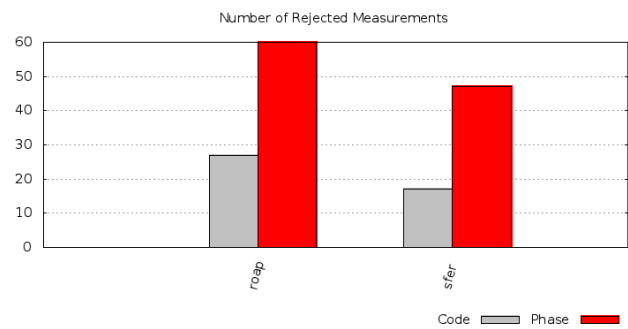
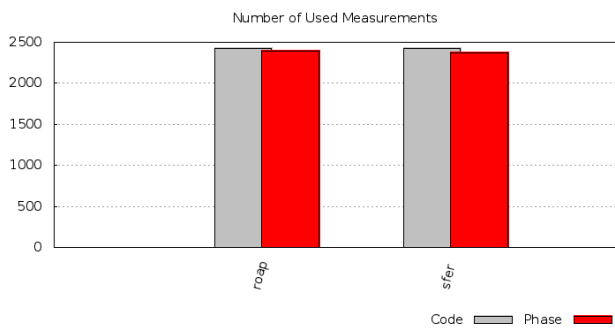
**Table 3. Convergence**

### 2.3. REJECTED STATIONS AND SATELLITES

Rejected Stations: None

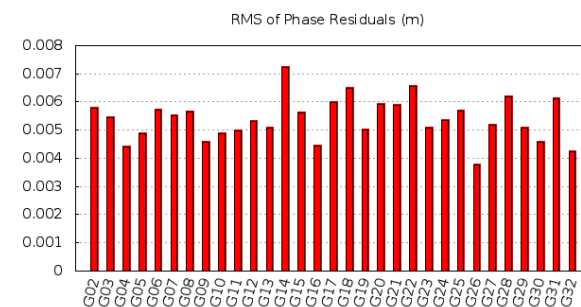
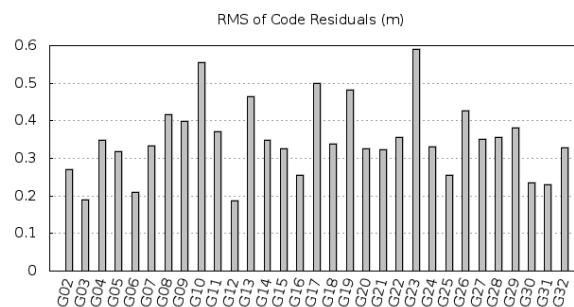
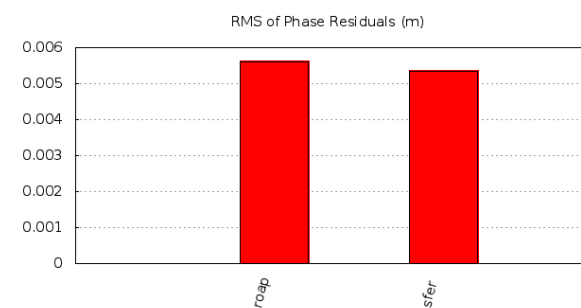
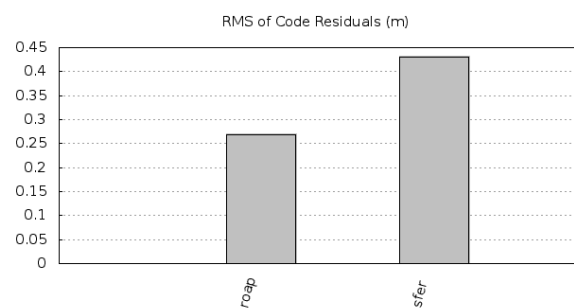
Rejected Satellites: None

## 2.4. NUMBER OF USED AND REJECTED MEASUREMENTS



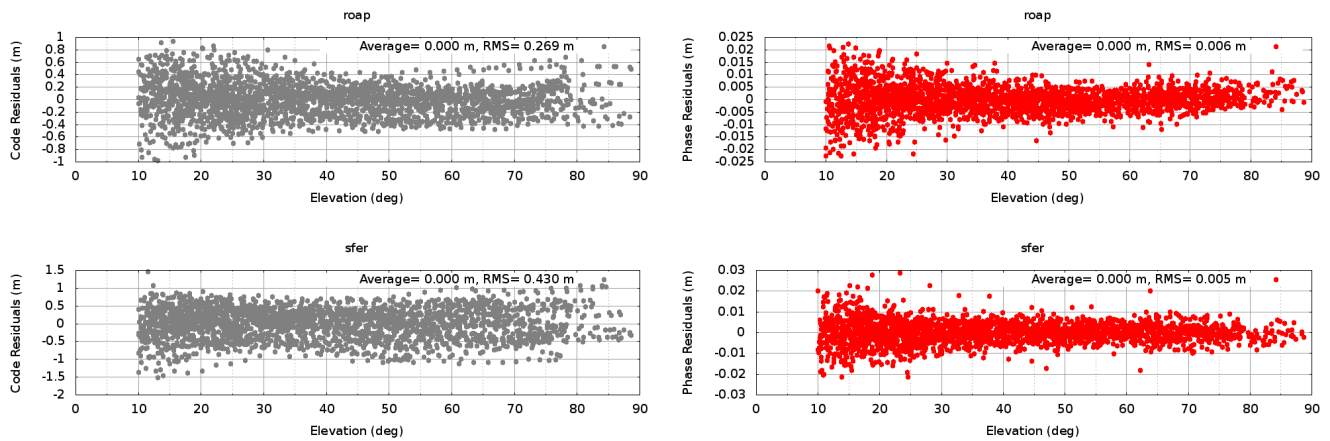
**Table 4. Number of Used and Rejected Measurements**

## 2.5. MEASUREMENT RESIDUALS



**Table 5. RMS of Residuals**

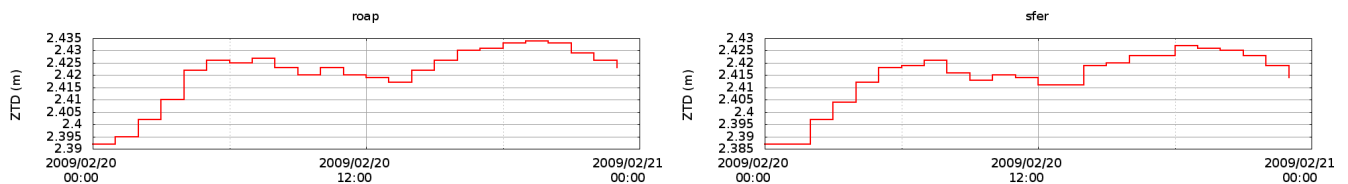
## 2.6. RESIDUALS VS ELEVATION



**Table 6. Residuals vs Elevation**

## 3. PRODUCTS SUMMARY

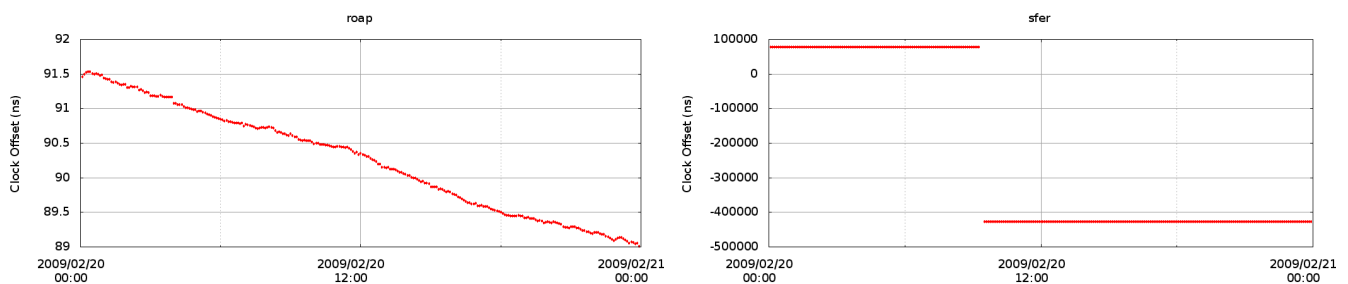
### 3.1. ZENITH TROPOSPHERIC DELAY



**Table 7. Zenith Tropospheric Delay**

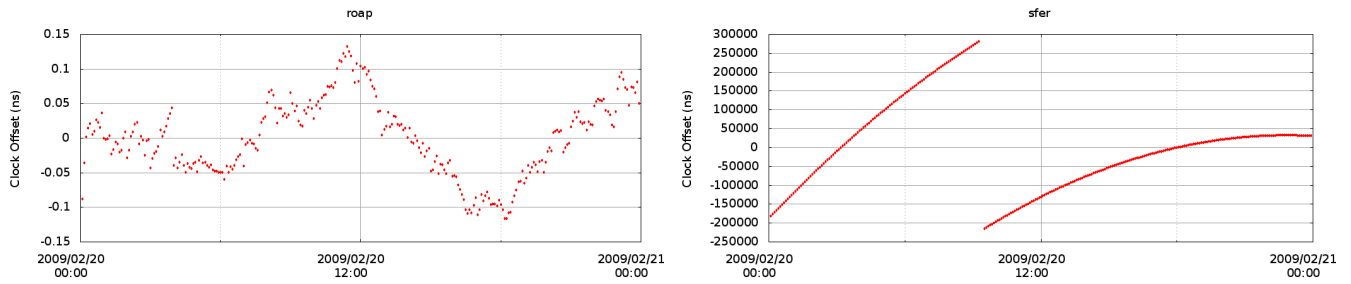
### 3.2. STATION CLOCKS

The following figures show the clock offset with respect to the IGS Time Scale.

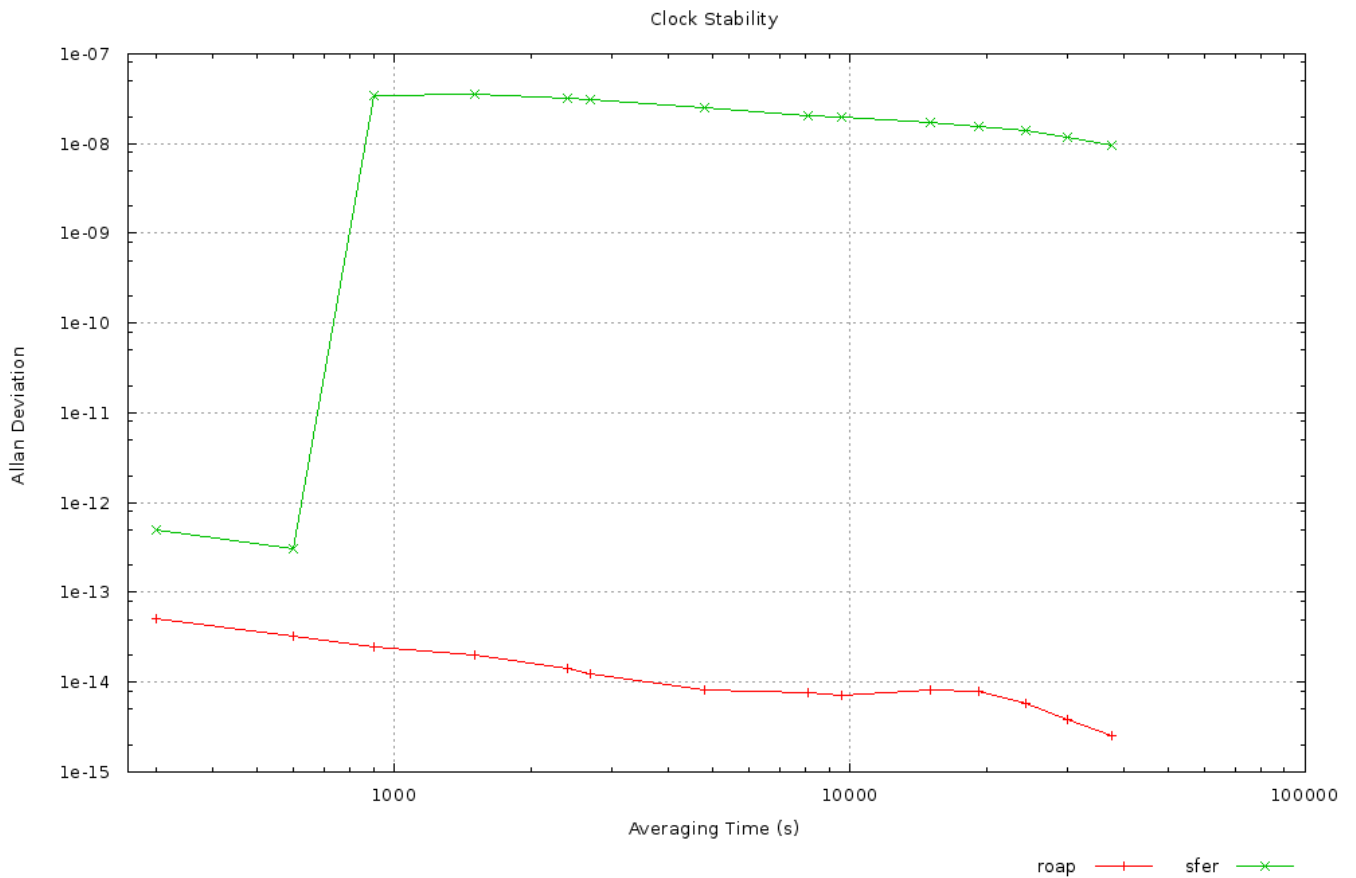


**Table 8. Station Clocks**

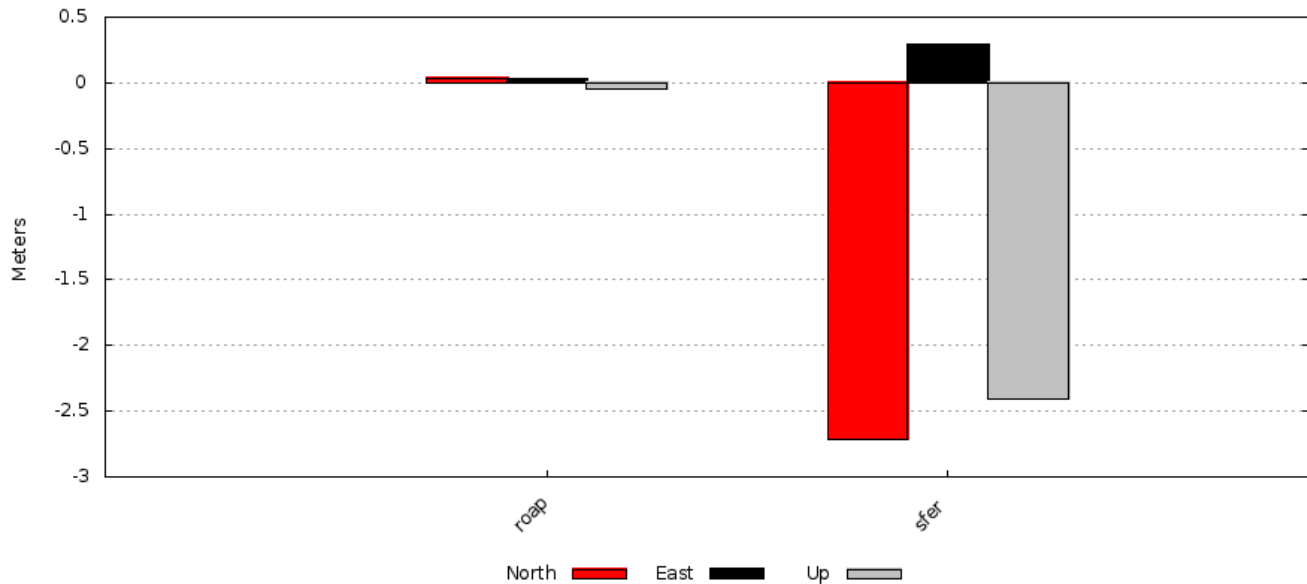
The following figures show the clock offset after the removal of a parabola.



**Table 9. Station Clocks, Detrended**



### 3.3. DIFFERENCE BETWEEN REFINED AND A PRIORI COORDINATES



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