

INA Analysis Center
contribution to ITRF2008

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software

GIPSY-OASIS II (developed by JPL)

Linux version 4.03 (Red Hat 2.4.20-8)

reprocessed period

1997-2008 (before deadline)

1993-1996 (after deadline)

Estimated parameters

Solar radiation pressure: **1 coef/arc (all satellites)**

air drag: **SPOT and ENVISAT - 1coef/6hours**

TOPEX - 1 coef/day

Troposphere:

dry correction - **not estimated**

wet troposphere delay - **estimated per station at start of pass**

wet mapping function - **LANYI**

Compatibility with previous AWG recommendations and ways for their improvements

- 1) “old” gravity field - GGM01C
- 2) “old” model for ocean tides - CSR3.0+TEG2B
- 3) elevation cutoff = 15 degrees (for all satellites)
no downweighting data applied
- 4) satellite mass = constant (all satellites)

Improvements:

**Using new Gipsy version 5.0
helps to solve most of the above
mentioned items**