

Jason: SAA corrective model used, DORIS+SLR data

Combination: SAA stations renamed in Jason NEQ before stacking (= considered as different stations)

Tropospheric bias per pass from Jason NEQ not combined with the parameters from other NEQ satellites

Tropospheric bias per pass from S2,S4,S5,TP,Env combined for « common » pass within one hour

Stations Parameters in the combined NEQ	S2,S4,S5,TP,Env NEQ	Jason NEQ	Combined NEQ
Solved parameters	XYZ all	XYZ Not SAA XYZ SAA renamed	XYZ Not SAA (6 sat comb.) XYZ SAA (5 sat comb.) XYZ SAA renamed (Jas)
Reduced parameters	Tropo. (/sat)	Tropo. (Jas)	Tropo. (5 sat comb.) Tropo. (Jas)

Combined weekly solutions of daily ERP (estimated value at noon)
Each weekly series is compared to IERSC04 (bias, std dev, mean formal error...)

Mean values over 2 years (from 02-01-2002 to 01-05-2005) (in mas)

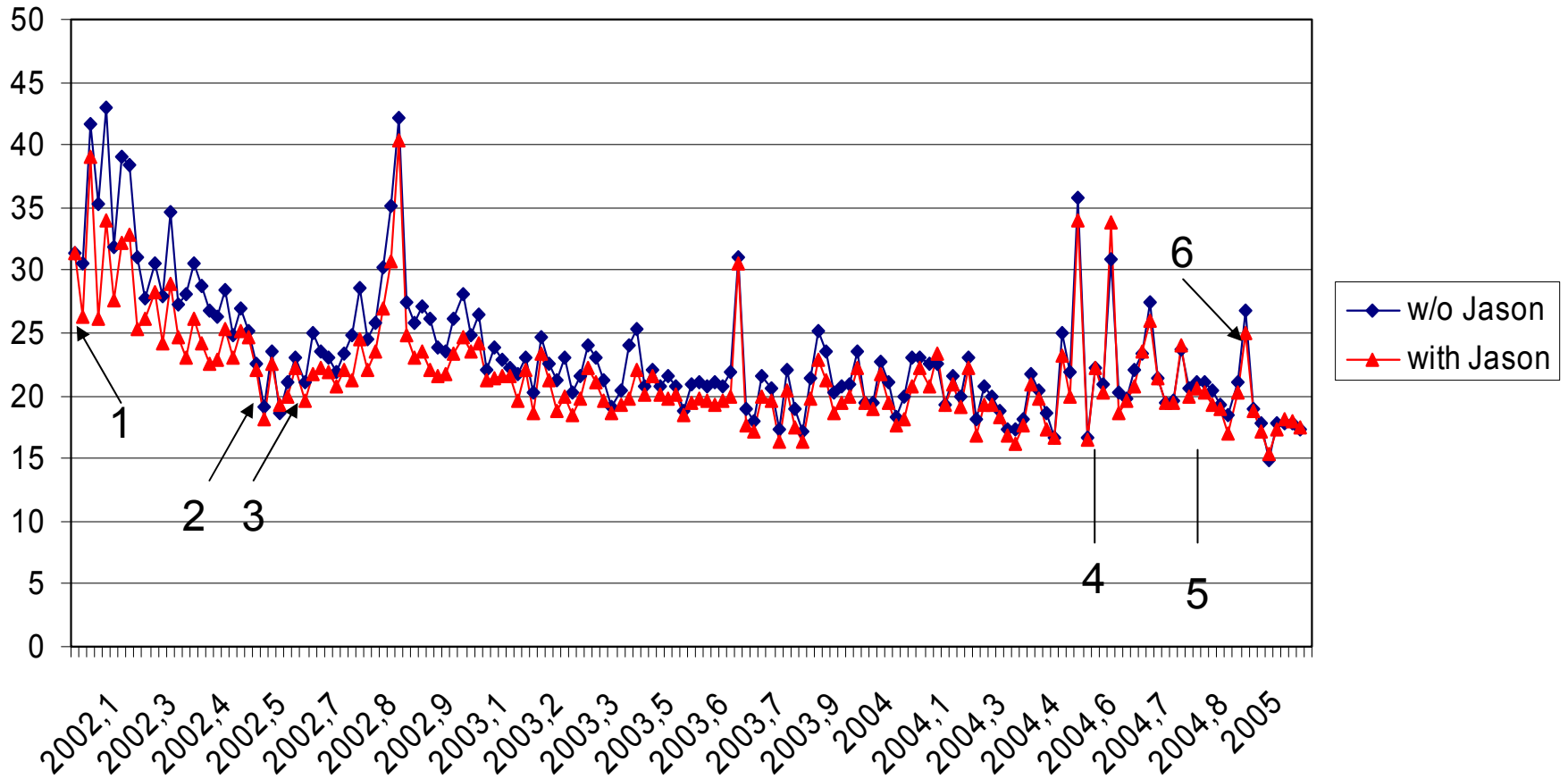
combination	Xp Std Dev (mas)	Xp Biais	Yp Std Dev (mas)	Yp bias	Mean sigma (Xp and Yp)
w/o Jason	0.42	0.23	0.35	-0.26	0.21
With Jason	0.36	0.07	0.32	-0.07	0.17

Combined weekly solutions of positions
Each solution is compared to ITRF2005

Mean values over 2 years (from 02-01-2002 to 01-05-2005) (in mas)

combination	3D rms (mm)	N rms (mm)	E rms (mm)	V rms (mm)
w/o Jason	23.4	20.1	25.1	24.2
With Jason	21.8	19.3	23.0	22.3

weekly 3D rms (mm)



1. Jason 15-01-2002
2. Spot5 11-06-2002
3. Envisat 13-06-2002

4. Switch chain2/chain1: July 2004
5. Envisat chained mode: 12-10-2004
6. End DORIS/Topex: 01-11-2004

Weekly NEU rms (mm)

