# IDS and ITRF

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Next ITRF solution (ITRF2013)

- **To be ready in mid 2014:**
  - **CfP for ITRF2013 will be issued by Fall 2012**
  - **Outcome of the ITRS/GGFC call solutions evaluation**
  - **All techniques to submit solutions by Jan-Feb, 2014, at the latest**

- **Expected Improvements & Developments:**
  - **Reprocessed solutions;**
  - **Revisiting the weighting of Local Ties and Space Geodesy solutions included in the ITRF combination;**
  - **Improving the process of detection of discontinuities in the time series;**
  - **Modelling the post-seismic station motion;**

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Current Co-locations
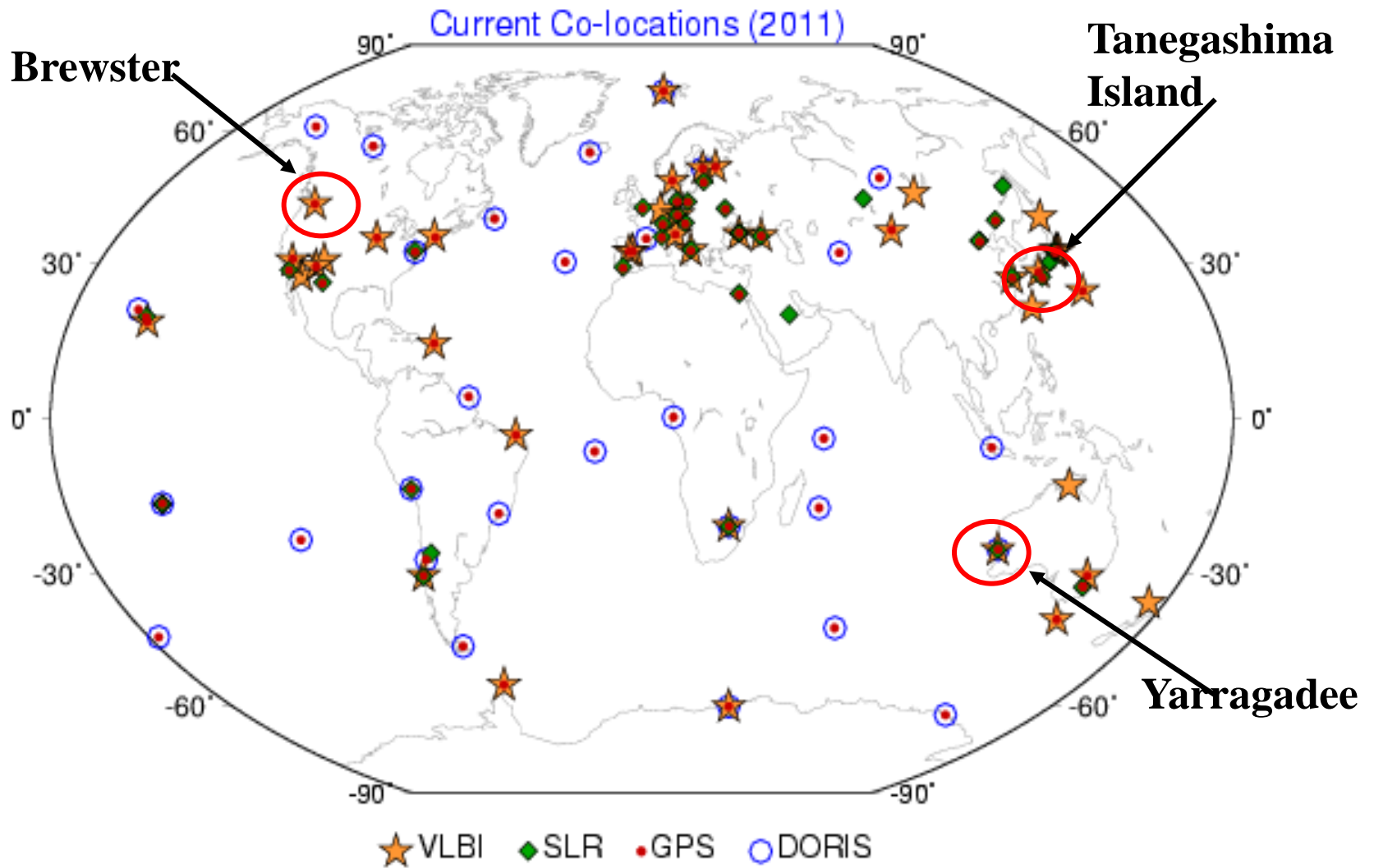
Extended analysis beyond ITRF2008 time-span

- **VLBI: IVS daily SINEX files up to epoch 2012.0 (S. Bachmann)**

- **SLR: ILRSA weekly SINEX up to epoch 2012.1**

- **GPS: Improved IGS combined weekly SINEX up to 2011.3 where mean origin and scale are preserved**

- **DORIS: Extended by weekly solutions up to 2011.7, provided by G. Moreaux**
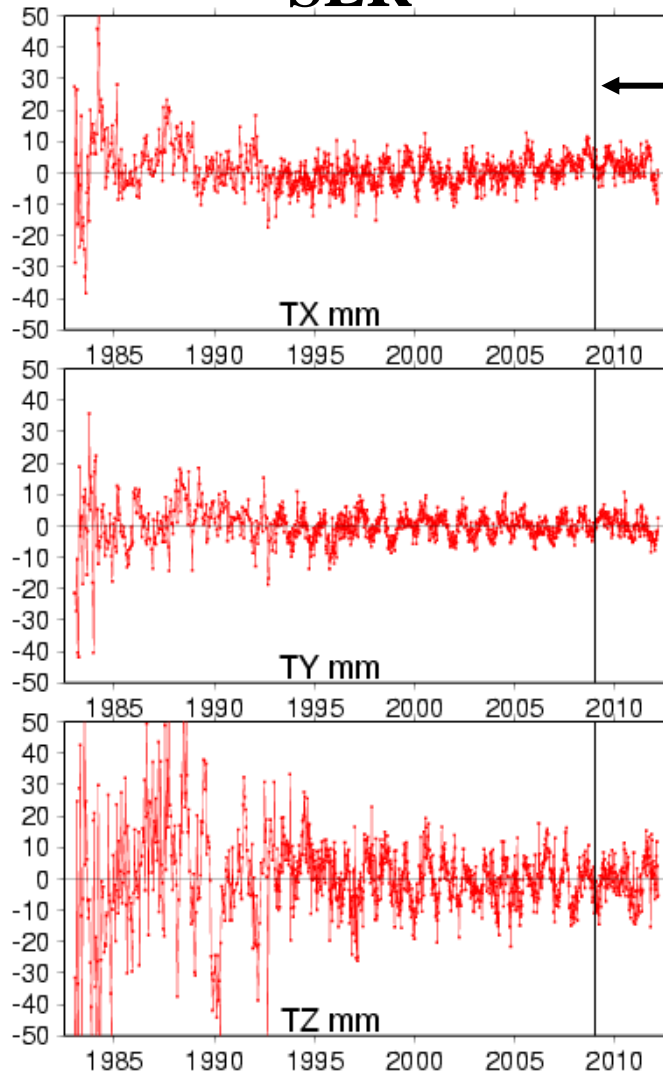
IDS Intrinsic Origin & Scale
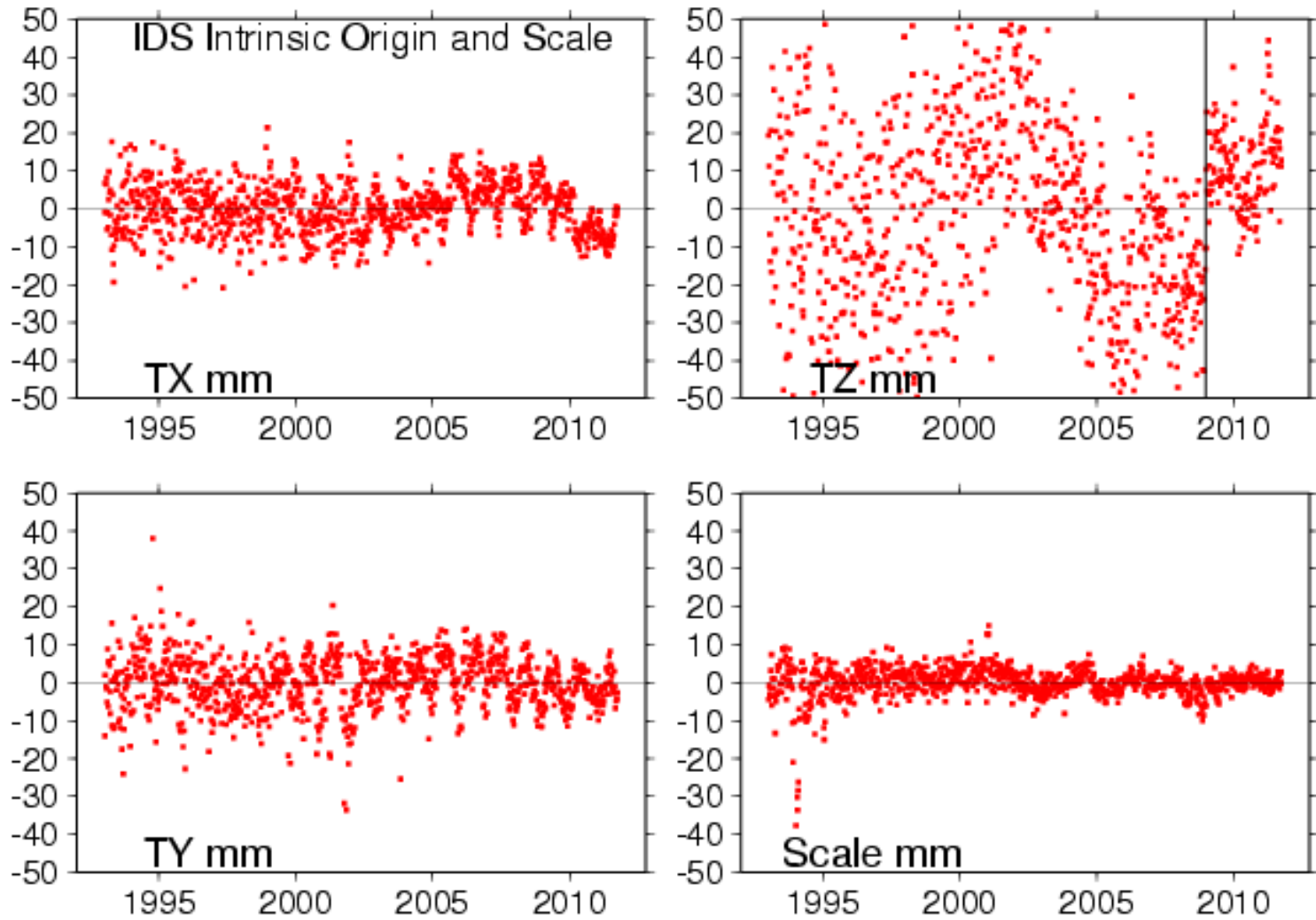
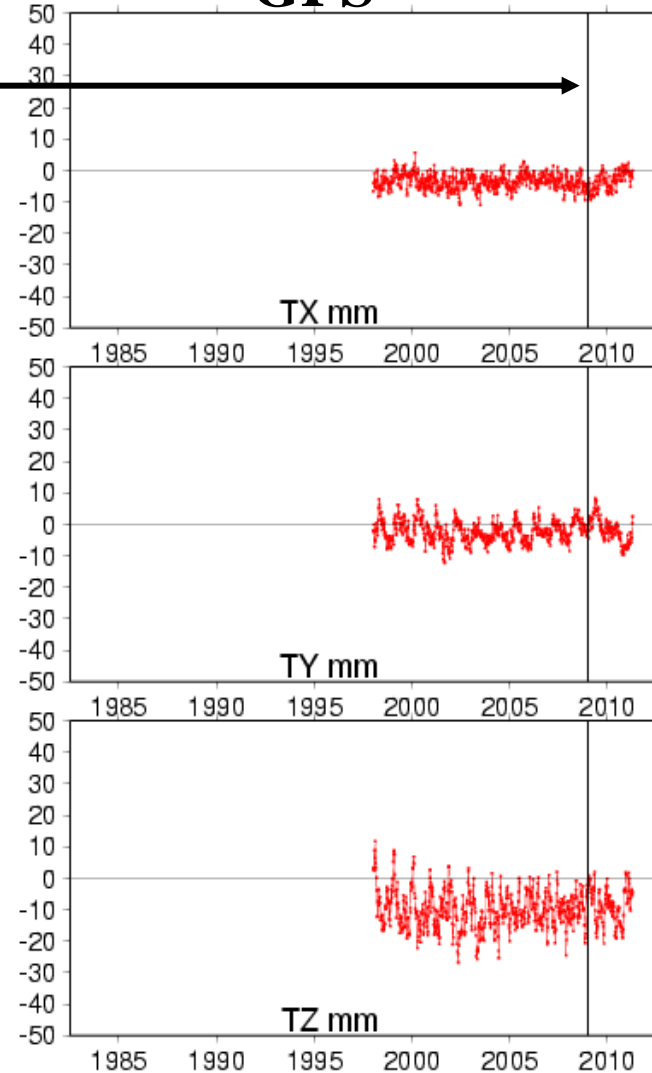# IDS Origin & Scale WRT ITRF2008
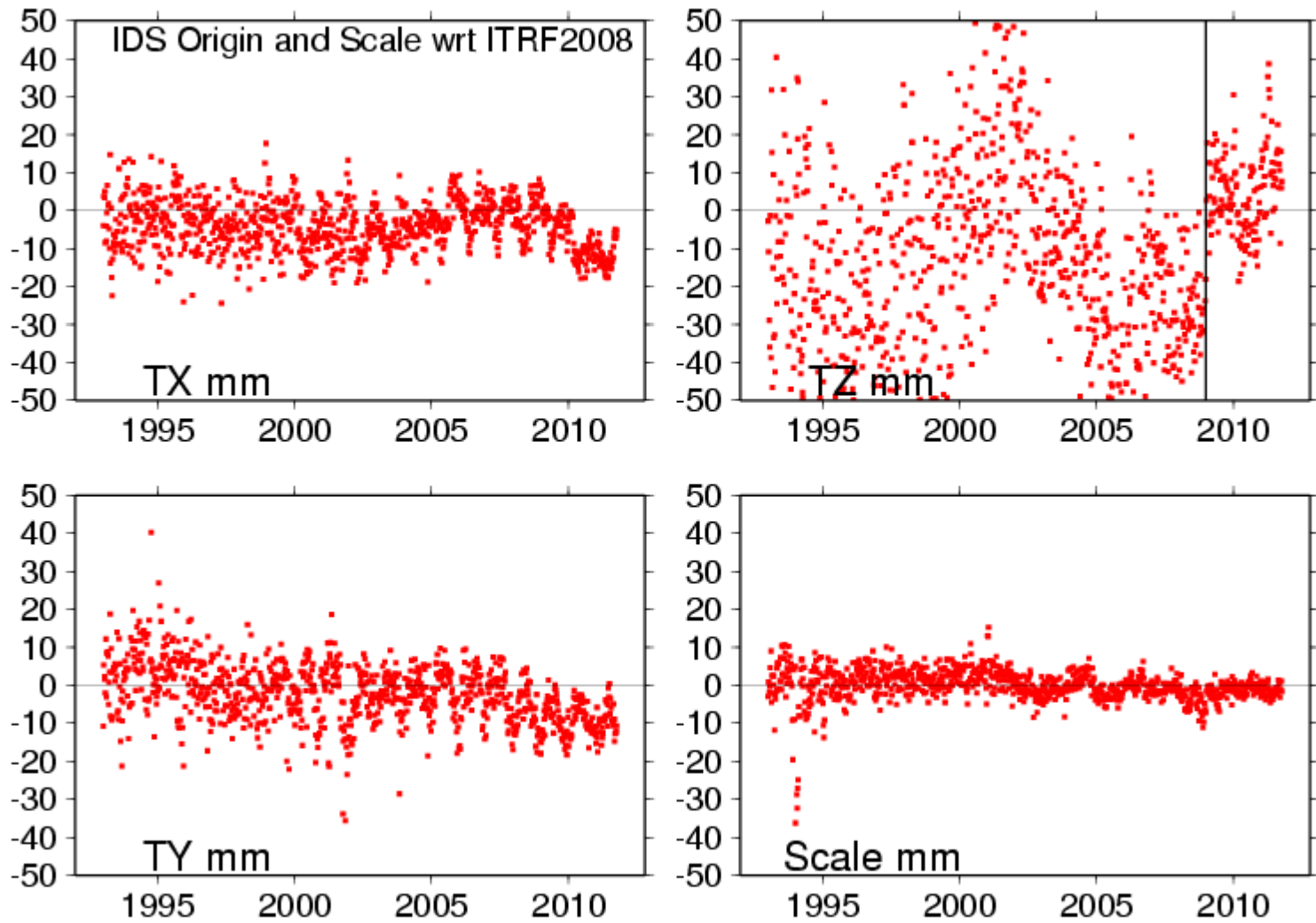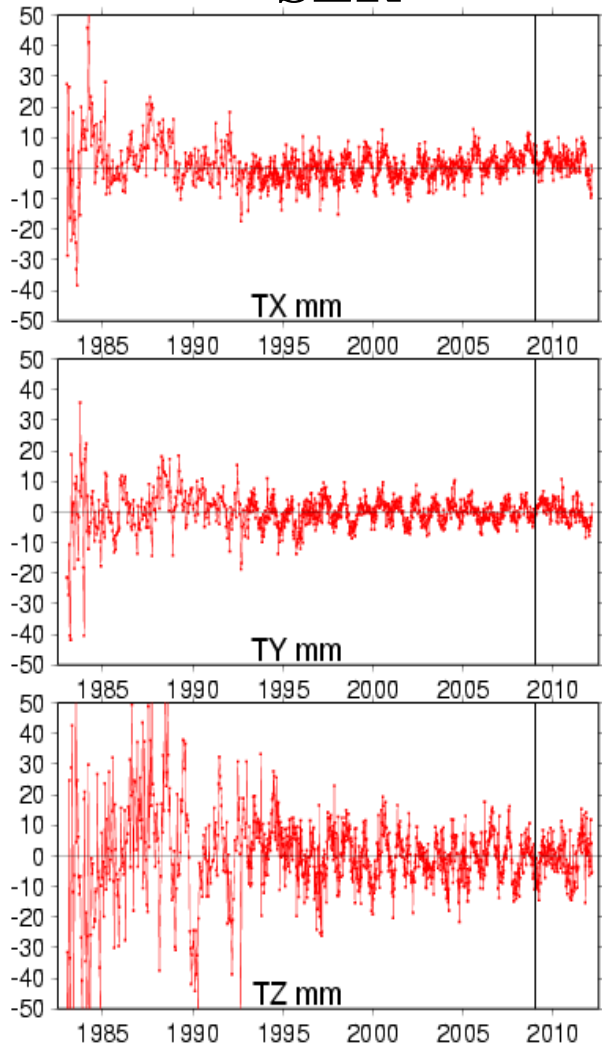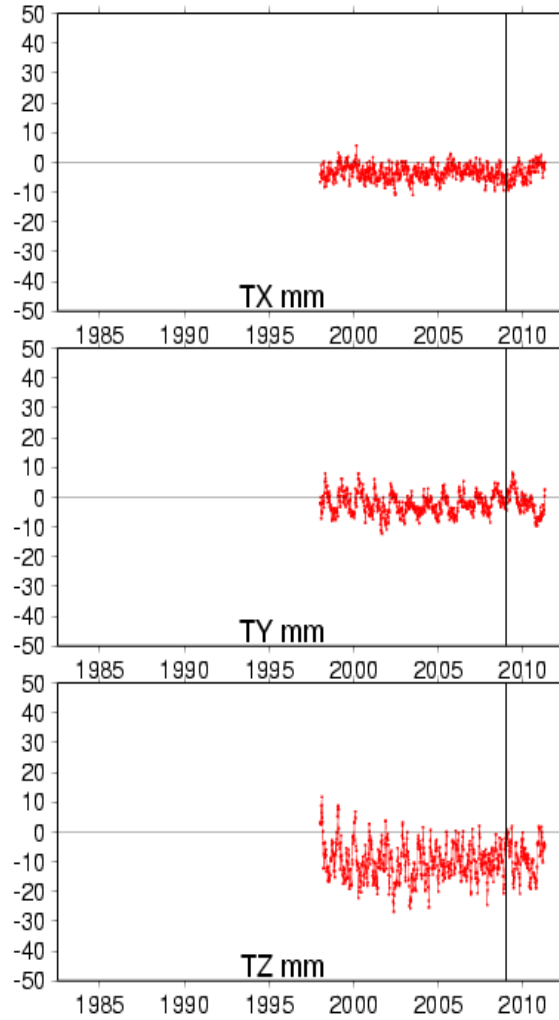
Origin components wrt ITRF2008

SLR

GPS

End of ITRF2008 data

Origin components wrt ITRF2008

SLR **GPS** **DORIS**

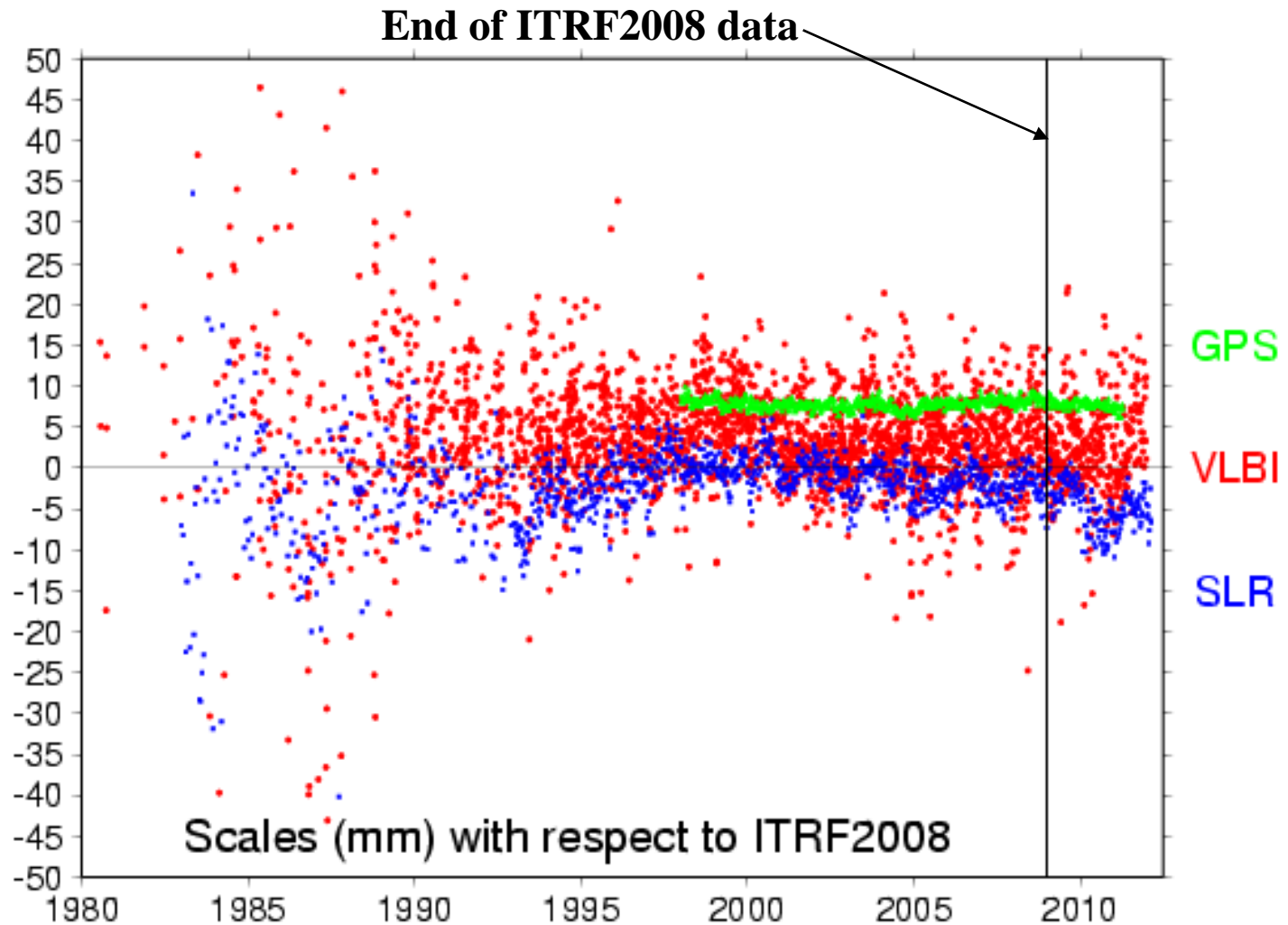**IDS-AWG-Prague-May, 2012**

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Scale factors wrt ITRF2008

End of ITRF2008 data

Scales (mm) with respect to ITRF2008

GPS
VLBI
SLR

Scale factors wrt ITRF2008