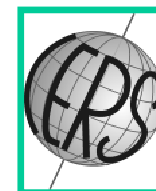
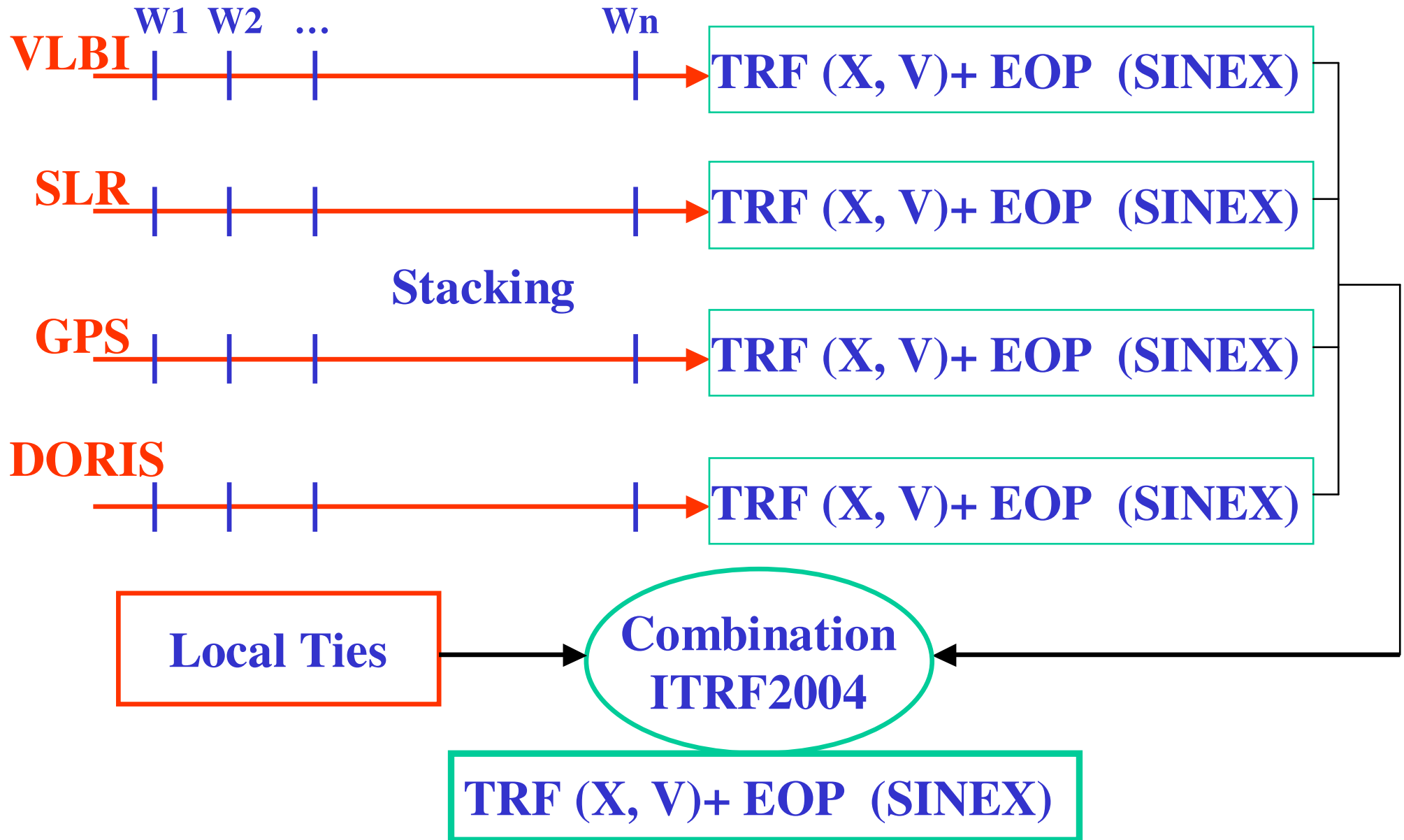


Status of the ITRF2004



ITRF2004 Derivation



ITRF2004: Input Data

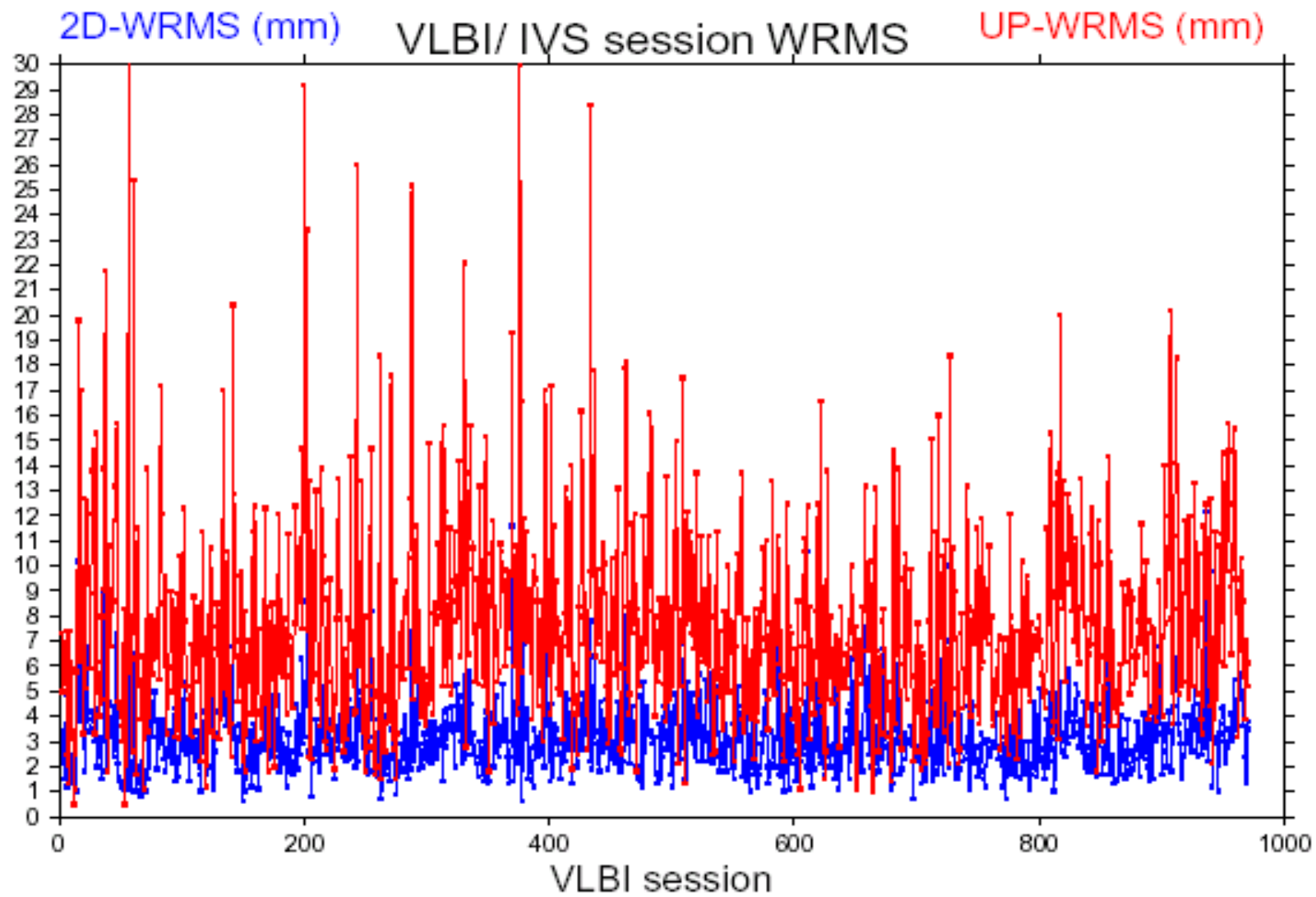
(Status October 2005)

- **Combined set of Time Series per Technique:**
 - **VLBI 1980 – 2005** (under analysis)
 - **SLR 1993 – 2005** (under analysis)
 - **GPS 1996 – 2005** (ready)
- **Individual Solutions**
 - **DORIS 1993 – 2005**
 - **IGN-JPL**
 - **LCA/CNES**

Status of IVS submission

- **4th version submitted October 28 :**
 - **Data span 1980.0 – 2005.6**
 - **~3600 Sessions/SINEX files**
 - **Still some problems 200 NEQs not invertible**

IVS WRMS: Internal Precision

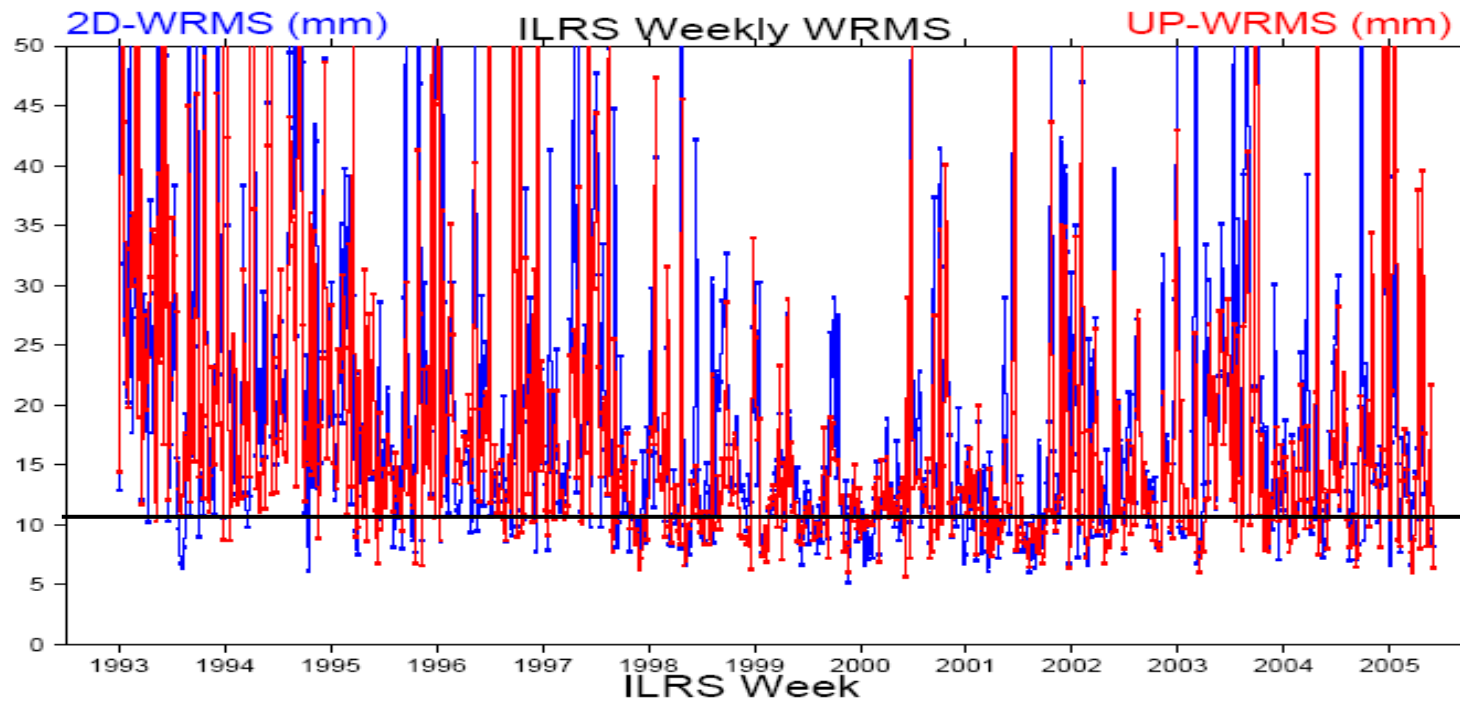


Status of ILRS submission

- **3rd version submitted in July:**
 - **Data span 1993.0 – 2005.4**
 - **641 Weeks/SINEX files**
 - **Preliminary analysis unsatisfactory**
 - **ILRS AWG recommendation is to re-analyse the data (Eastbourne mtg, Oct. 1st) by all ACs and new combination: deadline Oct. 31**

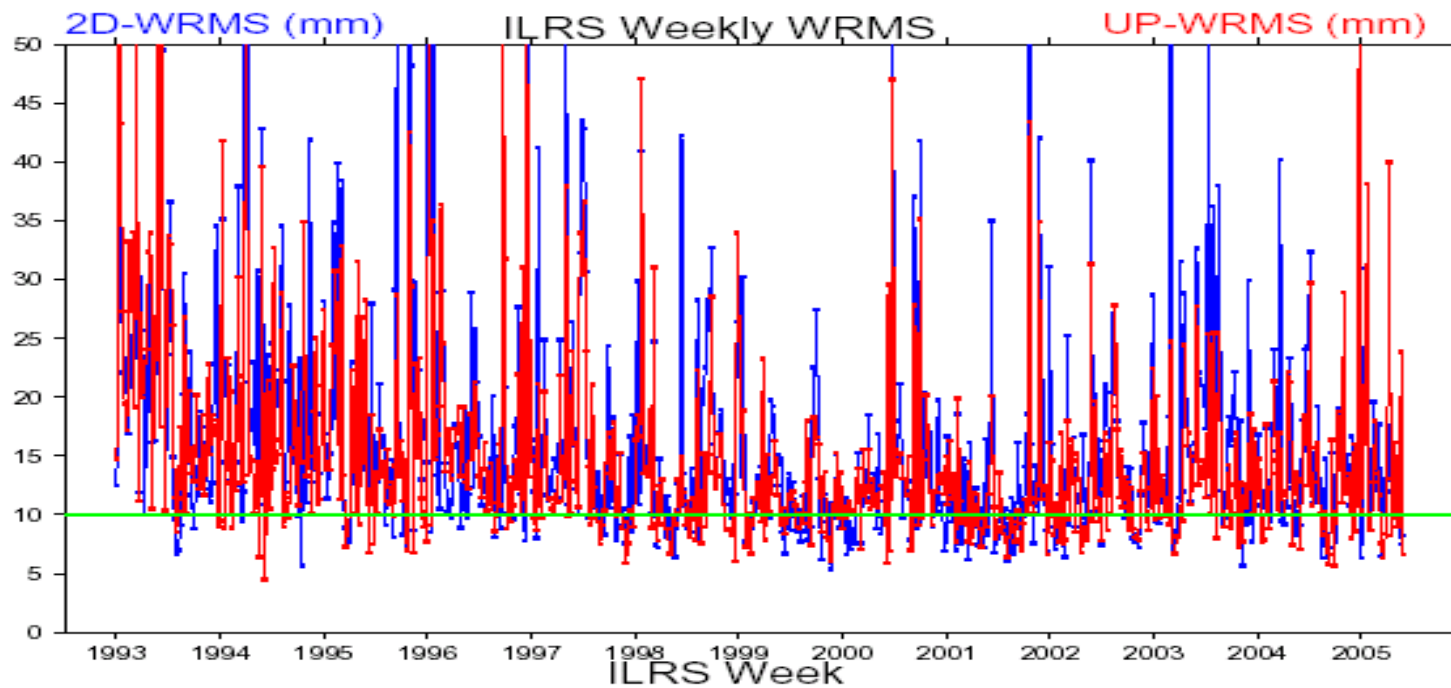
ILRS Combined WRMS

Before

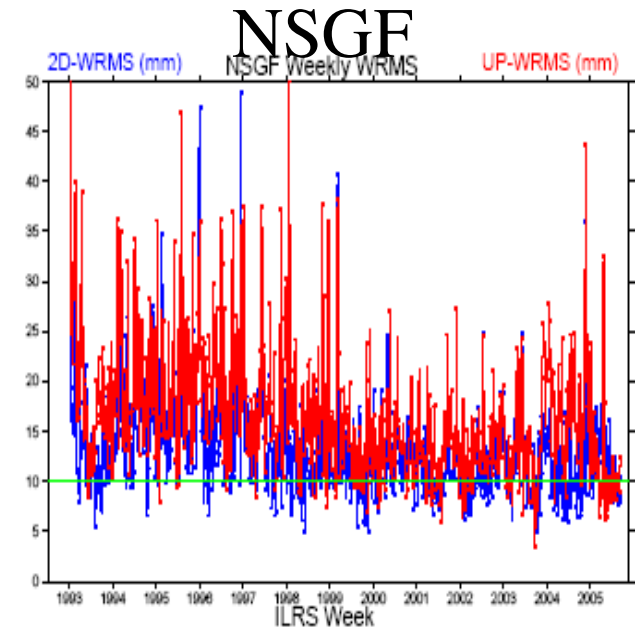
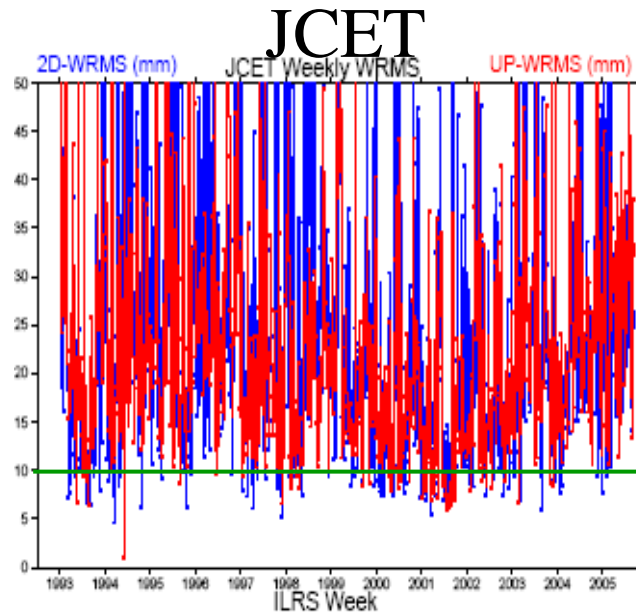
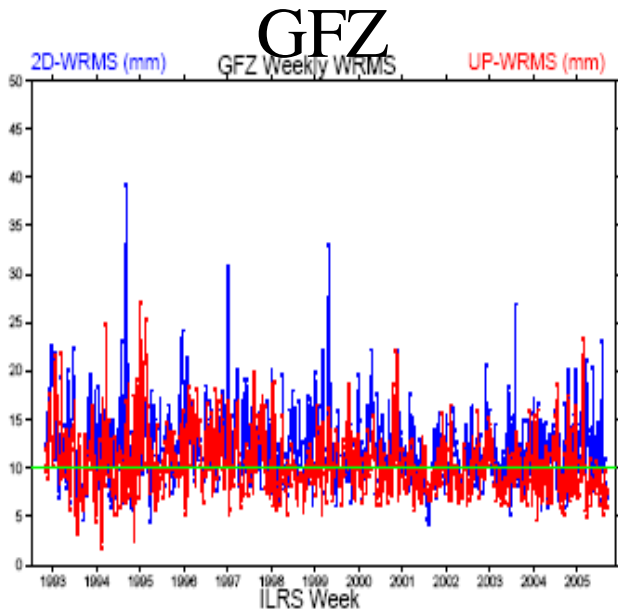
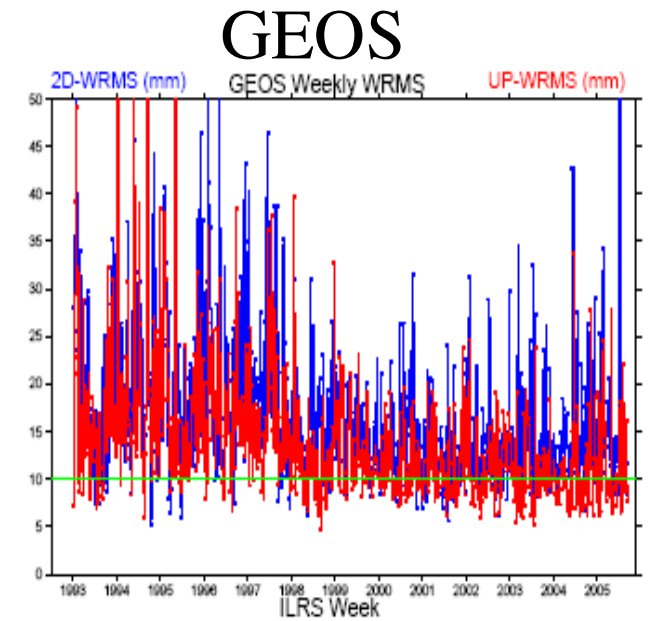
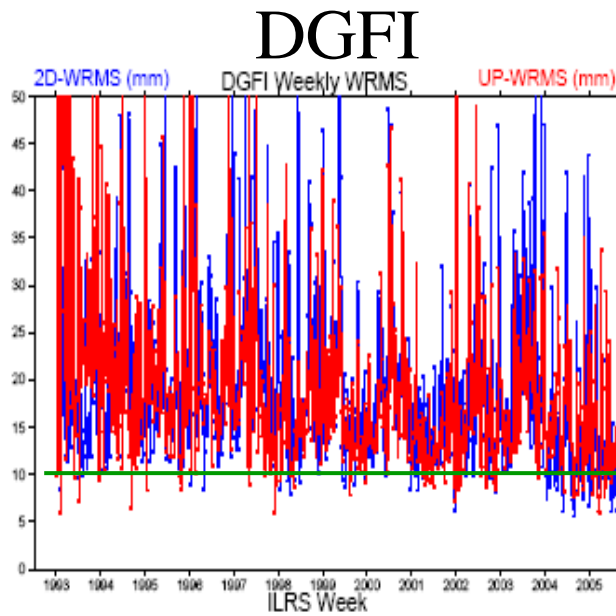
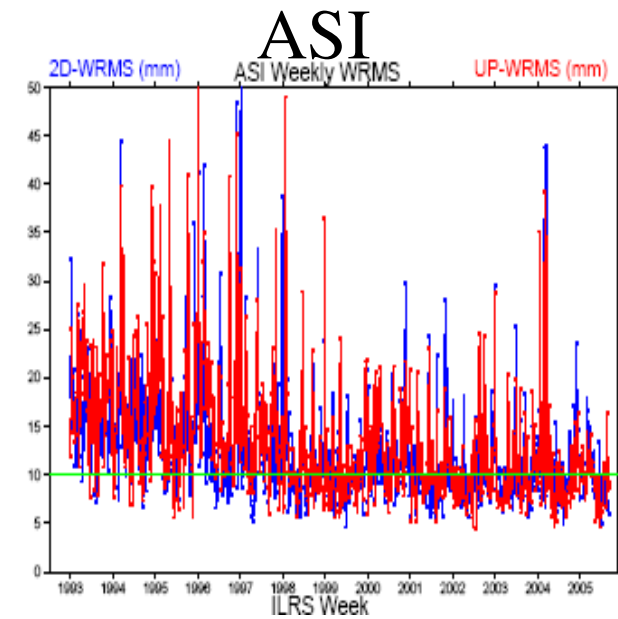


After

Outlier
rejection



WRMS: AC's Internal Precision



Range & Tropo. Bias

AC	Range Bias	Tropospheric Bias	MF
ASI	Applied	None	Marini-Murray
DGFI	pass dependent (sig. only) & (No)	Not estimated	Marini-Murray
GFZ	Not estimated	Not estimated	Marini-Murray
JCET	estimated for some sites	estimated for core sites	New Porto model + P.Ciddor
NSGF	estimated for some sites	Not estimated	Marini-Murray
GEOS	Not estimated	Not estimated	Marini-Murray

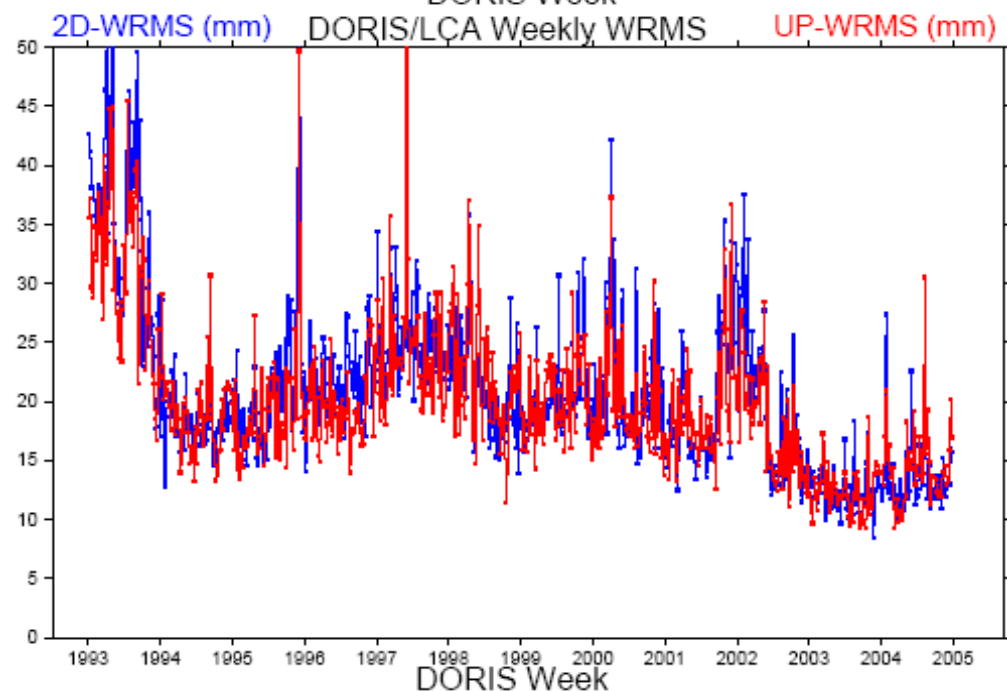
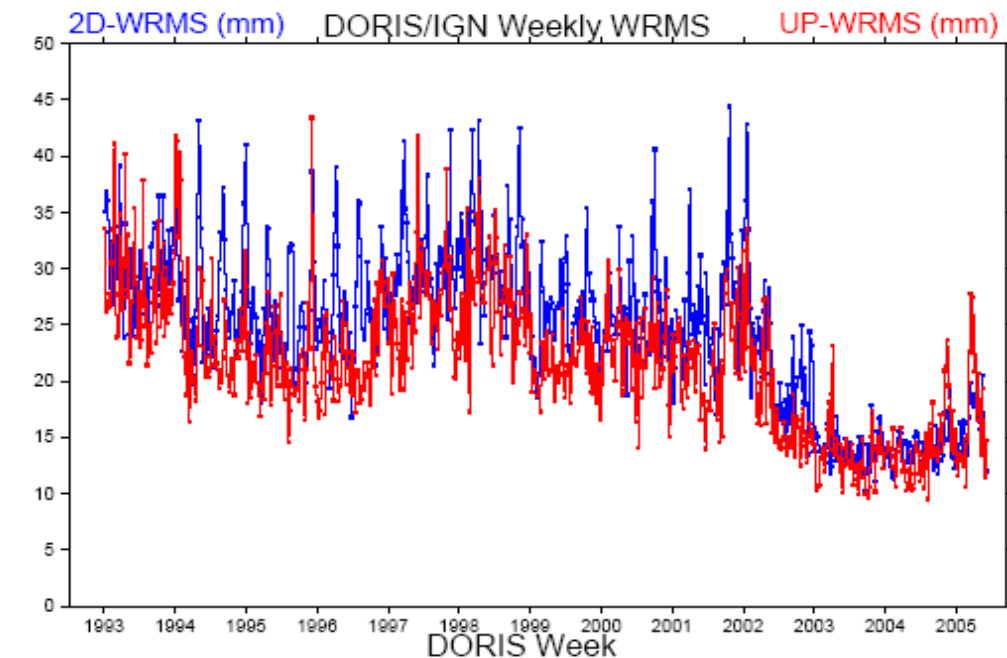
Status of IGS submission

- **3rd version submitted in August:**
 - **Data span 1996.1 – 2005.6**
 - **EOPs start 1999.2**
 - **497 weeks/SINEX files**
 - **Preliminary analysis satisfactory**
 - **Intercomparison NRCan – DGFI – IGN**
(global consistency at the 1 mm level)

Status of IDS submission

- **3 solutions**
 - **IGN :** **1993.0 – 2005.5 (updated regularly)**
 - **LCA:** **1993.0 – 2005.0 (early submission)**
 - **INASAN:** **1993.0 – 2004.4 (early submission)**
- **Preliminary analysis of IGN and LCA solutions**

DORIS WRMS: IGN & LCA



Comparison to IGS: Indicative WRMS

Pos.	2-D mm	UP mm
IGN	5.0	4.8
LCA	6.6	9.0
Vel.	2-D mm/y	UP mm/y
IGN	1.9	1.7
LCA	2.0	2.5