

IVS' Contribution to the IERS CPP:

Software:

- CALC/SOLVE
- OCCAM
- SteelBreeze (SRIF – no normal matrix!)

Analysis centers generating SINEX files:

- CALC/SOLVE : BKG, GSFC, SHA, USNO
- OCCAM : DGFI
- SteelBreeze: : MAO

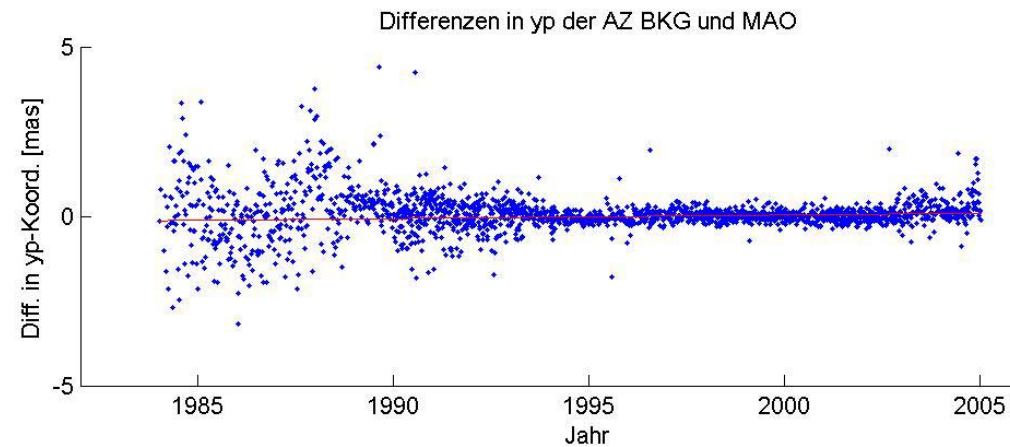
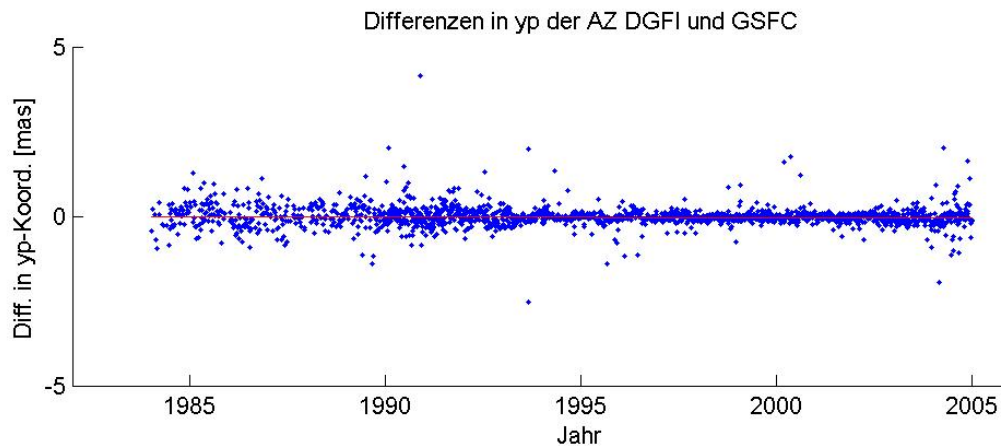
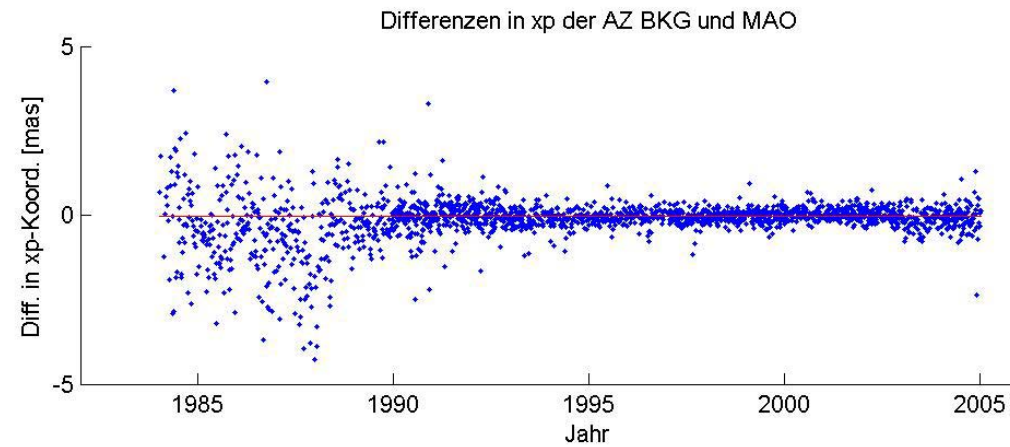
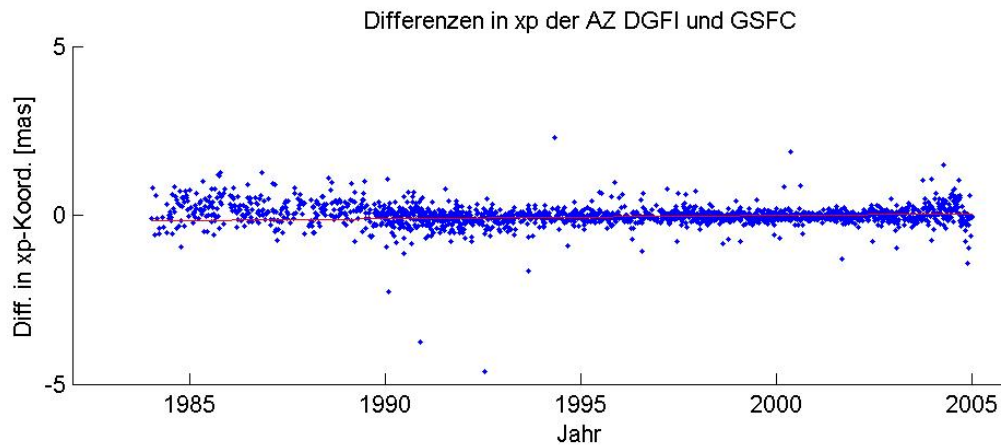
Example 1

Data available (11. April 2005):

	BKG	DGFI	GSFC	MAO	SHA	USNO	IVS
Available:	3089	2642	3897	3441	3508	1212	2026

(Online: http://miro.geod.uni-bonn.de/vlbi/sinex_combination/SINEX_statistics.html)

Investigations of differences / offsets:



Example 1

SINEX – Combination

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Session: CA071

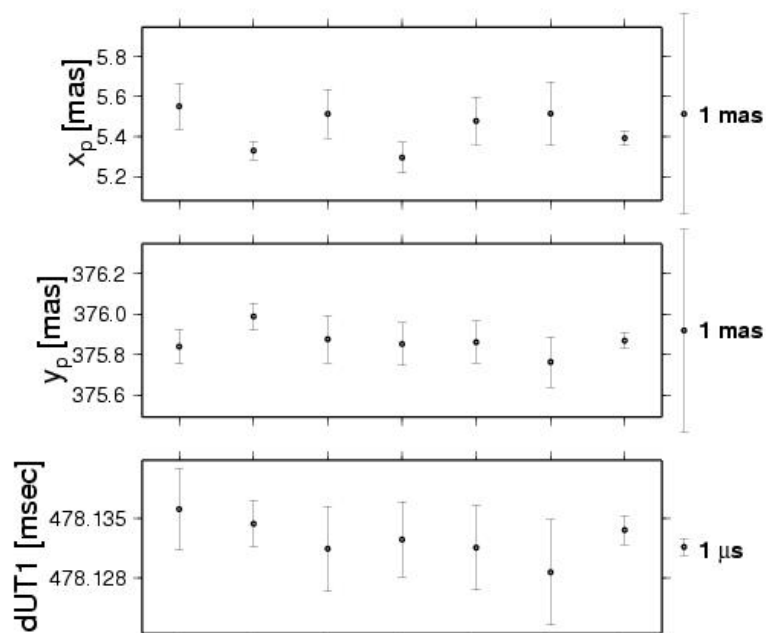
Database: 99SEP21XA

settings for aprioris:
APRIORI SINEX BKG
comment:

settings for REF_EPOCH:
MEAN

settings for datum definition:
COND FIX 'S' SIG=0.0001

AC	St.	# obs	# par.	VAR-FAC.	weight for datum	scaling factor	weight factor	variance fac. (s0)
BKG	5	812	282 / 23	1.000	1.000	1.614	1.000	0.713
DGFI	5	1020	23 / 23	1.000	1.000	0.768	1.000	0.656
GSFC	5	806	541 / 23	1.000	1.000	0.932	1.000	1.742
MAO	5	806	140 / 20	1.000	1.000	1.086	1.000	1.243
SHA	5	806	521 / 23	1.000	1.000	0.861	1.000	1.829
USNO	5	796	546 / 23	1.000	1.000	1.083	1.000	1.767
COMBI					0.000			1.128



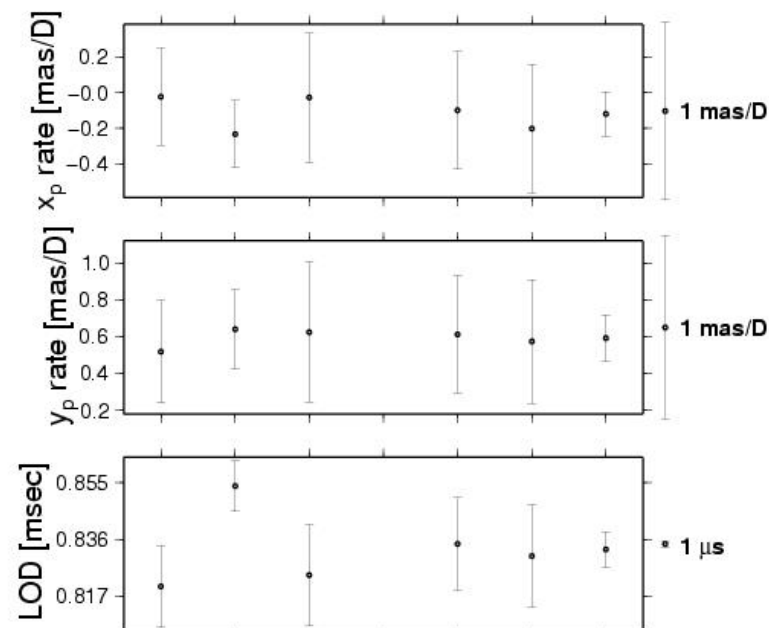
BKG DGFI GSFC MAO SHA USNO SINEX-Combination

SINEX – Combination

(Tue Apr 5 2005 – 10:09:55) 2 / 2

Session: CA071

Database: 99SEP21XA



BKG DGFI GSFC MAO SHA USNO SINEX-Combination

