

CONT05

- **IVS Observing Program Committee (OPC)**
considering **CONT05** if resources can be found
- **Scientific and technical goals**
 - continuous VLBI data, state-of-the-art accuracies
 - comparison of tidal and atmospheric models with observations
 - tropospheric delays and gradients across daily boundaries
 - terrestrial reference frame repeatability day to day
 - detailed GPS and SLR daily and sub-daily comparisons
- **Resources**
 - *station time*: CC send letter requesting expression of interest from pool of 14 stations (Ap-Ft-Gc-Hh-Ho-Kk-Ny-On-Sh-Sv-Tc-Ts-Wf-Wz)
 - *media*: require 900 GB disk storage per station per day (900x10x15=135 TB) (have to purchase additional disk modules – how?)
 - *correlator processing*: available (due to high efficiency of Mk 5 processing)

Pool of 14 candidate stations



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- **Program**

- 8-10 stations
- Sept/Oct 2005
- 256 Mbit/s data rate (= R1)
- 15 days continuous observations
- 10-12 scans/hour
- 3500-5000 observations/day
- scaled formal errors:
 - X,Y pole $\sim 40 \mu\text{as}$
 - UT1 $\sim 1.5 \mu\text{s}$

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- **Combination**

- coordination with other services
- WVRs at as many stations as possible
- good meteorological data at all stations

- **Feedback**

- need changes from CONT02 ?
- any other feedback ?
- future CONT campaigns (important?, at what time interval?)

- web page:

ivscc.gsfc.nasa.gov/program/cont05