

Summary of IERS Workshop on Co-locations/Local Survey

- **S1: Co-location sites and their importance for ITRF**
 - Current status of local ties in co-location sites
 - Priority list for re-survey established
- **S2: Site Surveys**
 - Planning, strategy, methods, equipment, monumentation,
 - Examples of site survey presented
- **S3: Analysis and SINEX**
 - Adjustment softwares, materialization of IVP
 - Examples of computation methods presented
- **S4: Reporting and Archiving:**
 - Survey report template discussed
 - Database, local tie information availability & archiving
- **S5: planning for 2004 and Workshop summary**

Some important recommendations

Local ties between co-located instruments should be determined with an accuracy of 1mm, with full variance/covariance information, available in SINEX format.

Local survey measurements should have the same importance as and should be treated like any of the space geodetic techniques

The Local ties quality should be such that they can be assumed true for the combination

All GPS sites close to other geodetic techniques should be part of the IGS routine processing.

IERS database should contain all necessary information related to local survey (raw observation and results)

Some Structure within IERS to be investigated:

Local Tie Associate Analysis Centers or Product Center