

IDS Analysis Workshop, 20-21 February 2003

Recommendations for actions by the DORIS Pilot Experiment Steering Committee

Evolution of the DORIS system

- Finalize the assessment of recent improvements in the DORIS system
- What future developments to recommend?

Information on data

- Distributed observational data:
 - MOE-based preprocessing vs present POE-based preprocessing
- Deliver ENVISAT data at the IDS Data Centers
- Check/extend basic and analysis info available, e.g.
 - . local ties between successive beacons in the same site,
 - . agreed list of breaks in time series of station coordinates,
 - . catalogue of corrupted data that should not be used in data analyses.

Privileged topics for analysis

- Further discuss the treatment of Jason's USO behaviour
- Further develop TRF+EOP combination and unification
- Support ESOC's orbit comparison effort (Spot satellites)
- Initiate 'geocenter'/TRF origin comparison and unification effort
- Encourage more Analysis Centers

Inter-technique cooperations

- Establish a list of the most reliable DORIS stations (Core network)
- Make more use of DORIS-SLR ground & space colocations
- Establish contacts with ILRS, IVS, IGS about network evolutions
- Consider colocations with SLR and VLBI as an important criterion in managing the evolution of the IDS network