

## Summary of ILRS Station Clinic #1:

### Data Quality and Station Performance Assessment Tools

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The JCET station clinic had very good attendance from all six groups that showed great interest in the information provided through our web portal and the use of our online QC Viewer s/w. Several of the attendees gave us valuable feedback and comments, some during the sessions and others over the subsequent days via email.

The availability of our systematic error time series going back to 1993 covering the entire network generated a lot of interest and engineers were keen on seeing the results for their system and discussing the possible causes of the identified systematics.

One of the presented tools received with great interest was the online data base that provides immediate access to the Station History Change Logs. Some of our colleagues were not aware of the need to submit this information and the fact that it is missing for their stations. Whenever possible we pointed out to stations' folks that participated in the clinic if there was a problem with their submissions or the lack of it.

The new tool that provides rough estimates of a systems efficiency based on the actual data collected on LAGEOS and LAGEOS-2 vs. the theoretically possible to collect data, was very well-received and found very useful.

- Web tools for use by station engineers and analysts to QC their products:
  - JCET/UMBC web tools
  - GOVUS/WUELS website (focus on GNSS target tracking)
  - The proposed ILRS CB & QCB station performance website tool

*Due to the nature of the topic we cover and the size of the attending groups (10-20 persons), it seemed that 25 min is not enough to comfortably cover the topics of interest, especially due to the fact that each station wants to see the information we have about their system and sometimes to engage in detailed discussions. Although we had distributed instructions on how and what to prepare for to the entire network, none of the attendees came prepared, and most of them were not even aware of what to expect from the clinic.*

*A necessary modification for the next time we repeat this clinic will be the use of two computers and screens, one for the slide presentations and one for running in parallel the applications and displaying the information requested by the attendees. This will improve significantly the efficiency of the presentation and cut down on the time wasted going from one mode to the other on a single computer/screen.*

*NOTE: The comments in Italics are OUR observations after the event completed.*