

October 18 2018

**ILRS Quality Control Board (QCB)
Telecon
October 18, 2018**

Next meeting: Wednesday, December 19 at 14:00 UTC, 09:00 EST, 14:00 in UK; 15:00 in Central Europe; 23:00 in Japan.

Participants: Carey Noll, Erricos Pavlis, Mike Pearlman, Toshi Otsubo, Matt Wilkinson, Tom Varghese

Mt. Stromlo Data Bias Issues

Erricos is working on the Mt. Stromlo report; early news is that automated and manual data preprocessing give the same results when forming NPs. The 8 mm bias remains.

Station Systematic Error Monitoring Pilot Project-- SSEM PP (Erricos)

Jose is still cleaning up some details in the CoM modeling which should be ready by the workshop. When ready this will go into the reanalysis.

GFZ has submitted its LAGEOS only solutions; there is no expectation of getting the Etalon contribution any time soon. The validity process of the DGFI solutions is underway; Mathis is working through some anomalies in the comparison between his solutions and those left by Horst. Once the issues are cleared up and the software is validated, the Mathis solutions will become the official DGFI solutions.

The 3-month Etalon Campaign is scheduled for the February – April 2019 timeframe. We will choose about a dozen stations to encourage, but all stations may participate.

ACTION: We should have a plan with the stations and the target performance. Erricos will do some visibility planning. We would be looking for about 80 – 100 passes per year per station.

Web Based Station Performance Tool (Erricos)

Toshi is now submitting his files on a daily basis. DGFI has dropped out. We have also not received files from the Shanghai Astronomical Observatory (SHAO) for some time. They may be focusing on their efforts toward a daily, weekly, and combination center. The Russian submissions do not have a fixed delivery schedule, they tend to send them “whenever ready”. The report card table might be reduced to avoid blank columns (after we check with DGFI and SHAO).

Data Issues

We are receiving both filtered and unfiltered FR coming from the stations. With filtered we are testing the same set of data as used in the NP process at the station. With unfiltered we are testing the station filtering process and may also reveal systems issues. **This topic will be discussed at the N&E SC and the DF&P SC to try to decide what we want (probably the second).**

Matt’s NP software includes the filtering process in addition to the NP’s formulation. Matt is talking to Randy to see how the S/W might be distributed to the stations. Maybe a beta version is ready to try.

Data Issues

The Russian data do not include the higher moments in their calibration information; Matt had furnished them with software that included this, but we do not know if it was useful to them. We should ask them about this in Canberra.

Data Population on LAGEOS and Other Satellite Passes

Justine is preparing some charts to use in Canberra to show how her visual displays can highlight different aspect of the data yield.

Station Tools

Use of the Forum has fallen off. We should highlight some current issues for discussion. If you have particular topics that you want to be included, contact Matt.

Next Meeting

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