

Agenda for the 2017 Riga Workshop ILRS ASC Meeting

Sunday, October 1, Univ. of Latvia, Riga, Latvia, 9:00 – 16:00

Operational Products: Status Reports & Future Plans

All ACs & CCs with VERY brief reports on key issues only!

- AC Reports (including the LLR group)
- ASI and JCET CCs
- ACs must report on the status of:
 - *Adopting of the revised analysis procedures and modeling standards (per ITRF2014 reanalysis) for their operational products*
- Decide actions for ACs that do not deliver operational products for extended time periods
- Reanalysis (weekly series) with ITRF2014 (i.e. the updated SLRF2014 version) issues:
 - Newly “adopted” Conventional Mean Pole—CMP by IERS, what to do and why
 - CoM model deficiencies pointed out by various groups, update status? when?
 - Presentation by Dave Arnold on parameters affecting data accuracy
 - Presentation by Dunn/Rodriguez/Otsubo on CoM model update?
 - Presentation by K. Stevenson on OCs Data Screening Harmonization Process
 - Discuss with the ASC/AC/AAC how to replace the TIU data with concurrent ET data (kept in quarantine archives at present)

Implications of the IERS 2017 Unified Analysis Workshop for the ILRS

- Summary of the ILRS-relevant sessions and plans for the implementation of the proposed changes
 - The new Conventional Mean Pole—CMP
 - The new requirements for the SINEX products submitted to the next ITRF development effort
 - IERS Pilot Project to test various High Frequency EOP models (info and request for volunteers)

Station Systematic Error Monitoring Pilot Project—The Next Phase (Operational)

- Comments on the combination of currently available series (conventions, etc.)
- Reports of delinquent ACs on the status of their contributions and ability to deliver operational products
- Results from the so far submitted series and the schedule for operational product delivery
- Ideally, we want this service to come online by Jan. 1, 2018 (**need some 2-month dry run!!!**)
- Implementing timing errors by means of T2L2 tracking on Jason-2 in our Data Handling File
- Discuss the format for inclusion in the Data Handling File (keep units or switch to μs and $\mu\text{s}/\text{d}$)

Planning the next Pilot Project and launch date:

- a. Estimation of low-degree SH of the gravity field*
- b. Inclusion of LARES as a 5th satellite in our operational product development*
- c. Revisit NT Atm. Loading & Gravity implementation as an internal PP (eventually to be used operationally for new series—NOT for ITRF use)*

- ***The Journal of Geodesy Special Issue—JOGSI (Status Update, submissions)***

Other topics, next meeting...

– Next ASC meeting at EGU2018:

- **TENTATIVE DATE: Friday, April 13, 2018, 9:00 – 17:00**

Last meeting action items:

✓ = DONE

1. UPDATE ASC pages on ILRS recently launched website (send comments/suggestions to ECP)
14. JCET, DGFI, HITU and SAO to discuss the procedure for quick coordinate updates for QC process
16. ACs must send their updated description files for their operational products to Carey
19. **STATUS:** ESA & NSGF AC must implement the gravity coefficient parameter estimation???

ECP AIs: New Mean Pole, GGFC contact, Gravitational Model tests

CL – Cinzia Luceri
DT – Daniela Thaller
ECP – E. C. Pavlis
FD – Florent Deleflie
GA – Graham Appleby
HM – Horst Müller
RK – Rolf König
ZA – Zuheir Altamimi