

Agenda for the UAW2019 ILRS ASC Meeting

Tuesday, October 1, 2019, Observatoire de Paris, Paris, France, 09:00 – 17:00

Operational Products: Status Reports & Future Plans

All ACs & CCs with brief status/progress reports on their tasks and key issues

AC & CC Reports (*including IAA LLR AC*)

- ACs must report on the status of:
 - *data re-analysis of the two Wettzell systems, corrected for the “pressure offset”*
 - *submission of the v230 SSEM PP series*
 - *submission of the 1-year LARES + low degree gravity series*
 - *the implementation of the new High Frequency EOP model (IERS Pilot Project result)*
 - *adopting the revised ILRS ASC analysis procedures and modeling standards (IERS secular pole, T2L2 T_{Bs} , **newest CoM model [2019.09.04]**, etc.)*
 - **ESA:** (1) Implement the new format for multi-wavelength bias labels (SOLN field), and (2) revise your v230 series, improve agreement with the other ACs
(STATUS???)
 - **DGFI:** Was the multi-wavelength SINEX issue fixed? (separate solutions for each wavelength)

- ITRF2020 re-analysis plan (weekly series in parallel to operational series) with ITRF2014 (i.e. the updated SLRF2014 version):
 - ITRS presentation on the development of ITRF2020 (*Paul Rebischung*)
 - Data Handling file update following the completion of the SSEM PP
 - SINEX products requirements for submission to the next ITRF development effort
 - *We need to adopt a format for inclusion of the applied systematics model & CoM*
 - *Proposals and examples were emailed by Jose/NERC and Mathis/DGFI*
 - *Discussion of a proposed compromise*
 - Discussion and plans for testing (and later adopting) the new CRD Format v2.0
 - ACs which have agreed to participate:
 - JCET, ASI, DGFI and GFZ
 - Results?
 - Plan for the adoption of the new format in the near future (*input from DF&P SC needed*)

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

- Comments on the combination results of the currently available series (**FAR BEHIND SCHEDULE**)
- Results from the so-far submitted series and the schedule for operational product delivery:
 - Identify the stations worth to study, eliminate stations with very brief occupations (e.g. MEDLAS campaign sites, etc.) and eliminate them from our ITRF submissions;
 - Adopt “operational” delivery schedule: deliver weekly arcs with freely adjusted systematics;
 - Delay product delivery to benefit from a more stable SLR NP data set and better EOP;
 - Discussion of the averaging process, the identification of breaks, validation, testing, etc.
- **When do we expect to have this service online and operational???**

Low-degree SH of the gravity field/inclusion of LARES as 5th satellite PP

- Which ACs will commit to provide these series before the **end of October 2019**?
- When will the remaining ACs be able to comply with this schedule?

Contributions to the UAW meeting:

- Gravity Models for POD
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- SLR Systematic Errors and Biases
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Planning the next Pilot Project and launch dates:

- Revisit NT Atm. Loading & Gravity implementation as an internal PP (NOT for ITRF use)*
 - *Ideally this model should be part of the delayed analysis product resulting from the SSEM project*
- Discussion of a plan for the expansion of the targets used in operational products, with the intent to produce higher quality EOP in a shorter timeframe (e.g. the day after the data were collected)*

- ^{c.} • *The Journal of Geodesy Special Issue on Laser Ranging—JOGSILR: **Status** (Accepted articles, Status Update, submissions/review progress, etc.)*

Other topics, next meeting...

– Next ASC meeting: before the EGU 2020 (TUW, Vienna)

- **TENTATIVE DATE: Saturday, May 2, 2020, 9:00 – 17:00**

CL – Cinzia Luceri
DT – Daniela Thaller
DK – Daniel König
MB – Mathis Blossfeld
FD – Florent Deleflie
RK – Rolf König
MV – Margarita Vei
ECP – E. C. Pavlis
JR – Jose Rodriguez
ZA – Zuheir Altamimi