

DRAFT Agenda for the Virtual Spring 2020 ILRS ASC Meeting

Monday, May 11, 2020, On the WWW, 14:00 - 18:30 CEST

Operational Products & Re-analysis 2020:

ACs must give very brief status/progress report on the ITRF2020 task and key issues

- ACs must report on the status of:
 - *data re-analysis of the significantly delayed data releases (several batches!)*
 - *their final submission to the v230 SSEM PP series*
 - *delivery date for submission of the **1-year LARES** + low degree gravity terms*
 - *implementation of the new CoM (**191122**) and High Frequency EOP models*

CC Reports: Status of the SSEM PP input and the formation of the SSEM Model

- ASI CC report
- JCET CC report
- Modeling changes for next step:
 - 1) Updated eccentricity file(s) with changes dating several years back
 - 2) Public Data Handling file with significant changes (*going back decades*)
 - 3) Formulation of the process for application of the SSEM PP results
 - 4) Design of the future version of Data Handling file for repro-2020 and beyond
 - 5) Update of gravity, tides, ocean loading, SMP, etc. models (**on LARES too!**)
 - 6) Scheduling the delivery of a (**3 years?**) test series prior to full repro-2020

- ITRF2020 re-analysis plan formulation (Repro-2020)
 - Repro-2020 running in parallel with operational series (using same models!), based on ITRF2014 (the recently updated SLRF2014 version), once (6) above is done/verified.
 - Data Handling file updated following the completion of the SSEM PP (**from (4) above**)
 - SINEX products requirements for submission to the next ITRF development effort
 - *Use adopted format for inclusion of applied systematics (R_b & T_b) & CoM model*

Station Systematic Error Monitoring Pilot Project—***The Operational Phase***

- The schedule for operational product delivery to extend the results from the so-far developed series (***must pick up where SSEM PP ended***):
 - a) Adopt “operational” delivery schedule: deliver weekly arcs with freely adjusted systematics;
 - b) Delay delivery (***1, 2 weeks?***) to benefit from a more stable SLR NP data set and better EOP;
 - c) Discussion of the averaging process, the identification of breaks, validation, testing, etc.
- **When do we expect to have this service online and operational?**
- **Start with the delivery of such solutions and answer (c) above from tests with the results from these solutions?**

- 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*)

Planning the next Pilot Project and launch dates:

- a. 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
- b. 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)

Other topics, next meeting...

- Next ASC virtual meeting: ???
- Status of the GGOS DAYS 2020 (TUM, Munich) ???

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

GA – Graham Appleby
JR – Jose Rodriguez
ZA – Zuheir Altamimi