

Challenges in the new ITRF operational updates

Points for discussion

- 1) How long does it take (min – max) the component (IAG Geometric Service, ITRS Combination Centre, EOP Combination Centre) to produce/adopt updates, such as ITRF2020-u2023, or the corresponding EOP series updates?
- 2) What are the requirements for your component to do the update, i.e. what step(s) do you need in advance? e.g. C04 series update need to get the EOP that are determined consistently together with the TRF-update. Are there other dependencies?
- 3) What is the current procedure when updating; for instance, waiting for all Analysis Centres in order to do the update at once or should a deadline be introduced?
- 4) Another aspect would be to sketch the optimal update procedure or individual important features from your point of view.
- 5) Furthermore, each Technique Service might have individual issues with product consistency. Please sketch your consistency concerns, if any.

Presentations

- 1a - ITRS Center (IGN) 5' Zuheir Altamimi
- 1b – ITRS Center (JPL) 5' Zuheir Altamimi
- 1c – ITRS Center (DGFI-TUM) 5' Manuela Seitz
- 2a - EOP Center (OPA) 5' Christian Bizouard
- 2b - EOP Center (USNO) 5' Sharyl Byram/Nick Stamatakos
- 3a - IDS Analysis Representative 5' Petr Štěpánek
- 3b - IGS Analysis Representative 5' Thomas Herring
- 3c - ILRS Analysis Representative 5' Mathis Blossfeld
- 3d - IVS Analysis Representative 5' Benedikt Soja/Alexander Kehm