

## **Agenda for Friday, April 24 AWG meeting, TU Wien, 9:00 – 17:00**

### **Agenda Items (REVISED ??????)**

- Minutes of *Poznań* meeting: **comments, corrections?**
- ILRS News: **METSOVO Workshop, Sept. 2009: SLR @ GNSS**

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#### ■ **BRIEF AC and CC Reports on the reanalysis for ITRF2008**

- ASI – AC & CC
- BKG
- DGFI – AC & CC
- GA
- GFZ
- GRGS/OCA
- JCET
- NSGF
- Report from LLR group
- *Reports from candidate ACs (AIUB, ESOC, MCC, CAS, etc.)*

#### ■ **Specific data analysis issues identified from the reanalysis: 1983 – present**

- Biases, Edits, Discontinuities files ready: **Need to update with reanalysis findings**

#### ■ **New/Returning station qualification process: Status and first experiences**

#### ■ **Other products from Pilot Projects, Modeling issues, etc.:**

- Daily EOP product: **Status, comparisons, NEOS validation, “what next?”**
- SP3c Orbit files: **Requests coming in - AWG not ready yet, “what holds up the process?”**
- Product improvements
  - New data format use & testing (CRD): **AWG is BEHIND schedule !!!**
  - Target-signature specific to site/mode of operation: **One down, lots more to go!**
  - Test files for ECMWF, 6/3-hour products: **Data available for all years, no results yet**
  - Inclusion of atmospheric effects, (gravity, tides, loading) in **future reanalysis?**

#### ■ **ORBEX format**

- IGS WG status: **Our input was provided, NO news so far**

#### ■ **Revise NP formula and rules?**

#### ■ **Other topics ???, next meeting: METSOVO Workshop, Sept. 2009**

- **ILRS Project & Products Status - *maintained on the ILRS web site, link:***

**Projects' status:** [http://ilrs.gsfc.nasa.gov/working\\_groups/awg/awg\\_project\\_status.html](http://ilrs.gsfc.nasa.gov/working_groups/awg/awg_project_status.html)

• Action items from past AWG meetings

✓ = DONE

ACs	<u>prepare for new format (CRD) SLR data</u>
ACs	<u>include conversion of orbit solutions into SP3c format (step-size 2 minutes for LAGEOS; 15 minutes for Etalon)</u>
Müller (H), König	<u>release SLR discontinuities file for (1976-2009)</u>
✓ Müller (H)	develop validation plan for (new/returning) SLR stations
? Müller (Jürgen)	develop validation plan for (new/returning) LLR stations
Pavlis, Luceri, Pearlman, Gurtner	<u>organize JoG special issue</u>
Pavlis	<u>check IERS procedure for station documentation after earthquakes and other transient events</u>
✓ Pavlis	datasets for the test on the models of atmospheric loading and gravity
? Pavlis, Luceri	<u>pilot project for the generation of a master bias list, etc.</u>
? Müller (H) , Luceri	Differences in CDDIS and EDC data file contents (examples)
ACs and CCs	<u>work on generating daily submission of weekly solutions (NOW 6 ACs ONLY: ASI, BKG, GFZ, GRGS, JCET, NSGF)</u>
✓ Pavlis, Noll	The LAGEOS CoM table and the Stanford ET table of corrections to be released through the ILRS web site and an email to AC/AAC lists:  <a href="http://ilrs.gsfc.nasa.gov/stations/site_info/data_correction/nsgf_iCoM_LAGEOScorrections.html">http://ilrs.gsfc.nasa.gov/stations/site_info/data_correction/nsgf_iCoM_LAGEOScorrections.html</a> <a href="http://ilrs.gsfc.nasa.gov/stations/site_info/data_correction/nsgf_stanfordcorrections.html">http://ilrs.gsfc.nasa.gov/stations/site_info/data_correction/nsgf_stanfordcorrections.html</a>

Actions we are awaiting from the Task Forces I & II:

**!!! Task Force I**

homogenization of QC reports & development of a report with pos+eop use for stations and managers

**!!! Task Force II**

develop a precise computation of the spacecraft CoM offset for given station-s/c configurations (ETALON, Starlette, etc.)

- **New action items**

- Low-degree harmonics of the gravity field from SLR (degree/order 2): many ACs are ready to distribute them (ACs, July 15<sup>th</sup>, **NONE yet**, need PP)
- New time series 1983 to 2007 reanalysis to be submitted by the end of July (ACs, July 31<sup>st</sup>, **ACTUALLY: end of February 2009**)
- ACs are invited to submit the SP3c orbit files **as soon as possible** (ACs & CCs, **need to have CC feedback on a weekly basis**).
- ACs should be ready to use the new CRD format within the end of **June (!!!)** (ACs, end of September, **JCET is now the only AC to implement CRD**)
- First release of the Biases, Edits, Discontinuities, etc. (BED) file by **August**, maintained by DGFI (Müller action item, to be done by end of July 2008, **RELEASE by end of April 2009, after additions based on '08 reanalysis**)
- ACs are invited to perform some tests on proposed modifications of the ILRS NP definition (ACs & CCs, **we need get a commitment from a few ACs that will look into this and report back to the AWG with results and proposals**).