Agenda for November 2013 ILRS AWG Meeting

Saturday, Nov. 9, Fujiyoshida, Japan, 9:00 – 17:00

News Items:

- Next AWG meeting EGU 2014 ???

AC and CC Reports (please keep these VERY brief!!!)

ASI – AC & CC

ESA

• JCET – AC & CC

BKG

GFZ

LLR WG report

DGFI

GRGS/OCA

NSGF

SLRF2008 updates: e.g. Koganei, Simosato, Concepcion, San Juan and new Russian sites

New Products, Modeling Issues, New IERS Conventions (2010), etc.:

· AC need to follow a new procedure for an improved description of station operational modes (replaces SCH/SCI)

Harmonization of the AWG analysis procedures and modeling standards:

- gravity fields: at present any model is allowed, similar to or better than GGM02C, EIGEN-GL04S etc. (to 30x30

- minimum for LAGEOS). Need to decide model for LARES and for SH estimation PP.
- time variable gravity (TVG): JCET will provide the values taken from CSR GRACE models and for $\dot{C}_{2,1}$ and $\dot{S}_{2,1}$, derived from IERS EOP for the period before GRACE
- solid earth tides: IERS2010
- ocean tides: any model similar to GOT4.7, FES2004, etc. is allowed
- atmospheric tides: applied to gravity variations but NOT to station deformations. Bode- Biancale 2003 and Ray-Ponte are acceptable.
- Albedo: applied, any model (e.g Knocke)
- Thermal forces: none available for the current time period.
- Ocean tidal load: Pavlis to provide GOT4.7 values in the IERS format from Duncan Agnew's s/w SPOTL.
- Satellite CoM correction: site and time dependent correction according to Appleby's tables.
- o Revise current AWG rules on the regular estimation of systematic errors for other than the non-core sites
- ○ Estimation of low-degree SH of the gravity field (decide a priori gravity & tides model)
- o Inclusion of LARES as a 5th satellite in the group of analyzed data
- ○ The NT Atm. Loading & Gravity implementation will continue as an internal PP
- o The naming convention and the directory structure at the data centers should be revised
- **-** Orbital Product

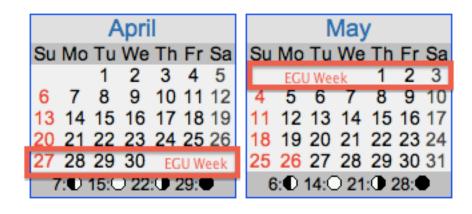
PREPARATION FOR ITRF2013 RE-ANALYSIS:

- Discussion of model improvements implementation prior to the re-analysis
- AC schedule for delivery of products to CC for combination
- Participating AC and CC and data analysis periods:

Analysis / Combination Center	Time Span of Data Analysis
ASI AC & CC	
BKG	
DGFI	
ESA	
GFZ	
GRGS	
JCET AC & CC	1983 – 2013 (or early 2014)
NSGF	

Other topics, next meeting(s)...

- Next meeting(s) options:
 - **EGU**: 27 April 02 May 2014.



Last meeting (EGU 2013) action items:



- 1. UPDATE AWG pages on ILRS recently launched website (send comments/suggestions to ECP)
- 2. Daily EOP product comparison with IERS EOP CO4 08 to be done (CS, ECP)
- 4. The orbit combination to be done by the next AWG (CS, ECP)
- 9. SLRF2008 should be updated (ECP, CL, HM)
- 12. JM to ensure that LLR QC service gives feedback to the stations
- 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. ESA & NSGF AC must implement the gravity coefficient parameter estimation **ASAP**.
- 21. We will start the SH (4x4) Pilot Project after the ITRF2013 product completion
- 22. CB should ask stations to increase ETALON time (ILRS CB/ECP)
- 23. HM will update the Data Handling file to include an entry for the current CoM model and a Yarragadee break in early 2010 (exact date TBD > ECP).

CL – Cinzia Luceri

CS - Cecilia Sciarretta

DT - Daniela Thaller

ECP - E. C. Pavlis

FD - Florent Deleflie

GA - Graham Appleby

HM – Horst Müller

RK - Rolf König

USch – Ulli Schreiber