Unified Analysis Workshop 2011

Date: **September 16, 2011, 09:00 – September 17, 2011, 17:00**
Location: **ETH Zurich, Switzerland**

Status of action items:
- green date: done
- blue date: not due yet, in progress
- red date: deadline reached

Last update: September 20, 2011

Action Items

AI	Description	Responsible	Deadline
1	Send the action item list to all participants	Markus Rothacher	20-SEP-11
2a	Make all presentations and position papers of the UAW 2011 available on the IERS web pages	IERS CB	23-SEP-11
2b	Make list of all action items and recommendations of the UAW 2011 available on the IERS web pages	IERS CB	23-SEP-11
3a	Send a reminder to persons contributing to the GGOS portal topic descriptions	GGOS Portal Manager	23-SEP-11
3b	Deliver the descriptions (services, techniques, …) for GGOS Portal	All receiving a reminder	15-OCT-11
4a	E-Mail asking for the 3-5 products of each service to be put into the GGOS Portal first	GGOS Portal Manager	30-SEP-11
4b	All services should identify 3-5 of their products to be put into the GGOS portal first (as test cases) and should deliver a description of these products and a list of keywords according to the NASA Global Change Master Directory.	All Services	15-NOV-11
5	Plan for a common interface for site descriptions / pictures / google …	CDDIS (Carey Noll: tbc), all Services	10-DEC-11 (tbc)
6	Establish an IERS WG on site coordinate time series: Common format/interfaces for coordinate time series of all techniques. Common tool for display? What type of coordinate time series are required (geocentric, detrended, reference frame, …) Members: - Chair: Laurant Soudarin - One representative from each technique combination center - One representation from ITRS CCs - GGOS portal manager - representatives from geophysics/geodynamics, oceanography, …	Chair: Laurent Soudarin; IERS sets up the working group.	02-DEC-11

7a	Reference pressure fields used by different groups and in different products should be made consistent/calibrated/compared. Heights have to be known. (Examples: Pressure fields from GGFC (T.van Dam), GFZ (R. König), TU Vienna (J. Böhm), Strasbourg (J.P. Boy), GSFC (MacMillan), GRGS (Pascal Gegout)	GGFC (Tonie Van Dam, Johannes Böhm)	31-OCT-11
7b	Atmospheric loading corrections: A group per Service should work on the computation of realistic daily mean values for the atmospheric loading correction for the individual techniques	Services	29-FEB-12
7c	Atmospheric loading corrections on the observation level: Decision not yet taken. Check which IGS ACs can apply atmospheric loading. IGS ACs should get prepared to apply atmospheric loading (recommendation) All services to process the years 2006-2010 with and without atmospheric loading. 1-3 AC solutions per Service would be sufficient for this test. Services identify the ACs. The GGFC model should be used. Tonie will make this data available for the various formats. Assess the impact on ITRF.	IGS Chair or IGS AC 1-3 ACs from each Service: IVS, ILRS, IDS,IGS GGFC ITRS CC	05-OCT-11 29-FEB-12 30-NOV-11 31-MAR-12
8	Comparisons of the GLDAS hydrological loading of GSFC and other groups. (Model not yet sufficient to be used for hydrological height corrections.)	Dan MacMillan, GRGS	31-MAR-12
9	GGOS Bureau on Conventions and Standards would like to have representatives from all techniques. All Services to name at least one representative.	All Services	31-OCT-11
10	Converge on a new model for subdaily ERPs (ocean tide part). Tests with the new model should be reported to Axel. Analysis coordinators coordinate the test.	Axel Nothnagel	31-JAN-12
11a	Discussion with IERS Conventions' Advisory Board: procedure to adopt an annual geocenter motion conventional model (proposed by John Ries) … a geodetic model is be preferred …	John Ries to coordinate	01-JAN-12
11b	Should there be again a Sub-bureau for geocenter motion in GGFC ? Yes. A plan will be developed by Tonie van Dam	GGFC, IERS	15-APR-12
12a	Inclusion of radiosource coordinates into SINEX files (with full var-covar.)	IVS AC, IVS ACs	15-DEC-11
12b	All Services should use the same parameterization for EOPs (e.g. rates)	All Services	Recomm.
13	Inclusion of piece-wise linear parameterization officially into SINEX	SINEX WG	15-APR-12

	format (and description) (recommendation to the SINEX WG)		
14	Inclusion of LLR into the combinations and TRF/EOP; tests	DGFI, IGG Bonn	15-APR-12
15	All ACs should look at the differences between terrestrial local ties and the space geodetic techniques results. This information is available on the ITRF2008 web pages	All ACs	Recomm.
16	Each core site should have (multiple) calibrated met sensors	GGOS core sites	Recomm.
17	GGOS core sites should work towards a common timing system for all space geodetic techniques	GGOS core sites	Recomm.