



Meeting Goals

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Analysis Coordination

IDS AWG meeting, Delft 26-27 May 2016

Meeting Goals

AWG Agenda

First half-day focus on the TRF2014

TRF2014 evaluation and how and when to switch to the ITRF2014 for operational products

9H45 – ACs and CC Status

9H45 -GOP

9H55 -GSC

10H05 - IGN

10H15 - GRG

10H25 – CC

10H35 - Conclusions and Action Items Review

10H40– Coffee break

11H00 – TRF2014 Evaluation

11H00 IDS evaluation of the DORIS versions of the DTRF2014, ITRF2014 and JTRF2014 solutions (G. Moreaux)

11H15 Evaluation of ITRF2014/DTRF2014/JTRF2014 solutions in Jason precision orbit determination (E. Jalabert)

11H30 Evaluation by GSC (F. Lemoine)

11H45 Evaluation of TRF: Comparison of DPOD2008, ITRF2014 and DTRF2014 (H. Capdeville)

12H00 – How and when to switch to the ITRF2014 for operational products

12H00 Proposal for a new DPOD elaboration scheme (G. Moreaux)

12H15 Discussions - Conclusions and Action Items Review

12H30 – Lunch

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Second half-day focus on the SAA effect on the DORIS USO and the POD of news satellites

14H00 – Temperature, radiation and aging analysis of the DORIS Ultra Stable Oscillator by means of the Time Transfer by Laser Link experiment on Jason-2 (A. Belli)

14h15 - Is the Jason-2 DORIS Oscillator also affected by the South Atlantic Anomaly Effect (P. Willis)

14h30 - Behavior of DORIS / Jason-3 USO (C. Jayles)

14H45 - Are the Jason-2 and Jason-3 USO sensitive to the SAA? (H. Capdeville)

15H00 - DORIS USO observation through the Sentinel-3A GPS receiver (F. Mercier)

15H15 - Brief POD status on Jason-3 and Sentinel-3A (A. Couhert & F. Mercier)

15H30 - Conclusions and Action Items Review

15h40 - Coffee break

16h00 - Material on the Precision orbit determination of CryoSat-2 at the TU Delft (E. Schrama)

16H15 - Recent DORIS-related activities at GFZ (S. Rudenko)

16H30 - Progress on the surface force model for Jason-2 (M. Ziebart)

16H45 - Where - A new geodetic software being developed at the Norwegian Mapping Authority (GA. Hjelle)

The last part of the Second half-day focus on the Open issues and following ITRF2014 and RINEX data processing

17H00 - Discussions

Open points following ITRF reprocessing

Scale factor jump in mid 2012 (H. Capdeville)

RINEX data processing (JM. Lemoine)

Next Models/Standards - Others

Conclusions and Action Items Review

~17H45 - End

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Third half-day focus on the IDS studies and general points

9H30 - Preprocessing considerations and use of low-elevation DORIS measurements (J. Moyard)

9H45 - Error mitigation in DORIS derived geocenter motion (A. Couhert)

10H00 - DORIS Network Status (J. Saunier)

10H15 - DORIS mission & system news (P. Ferrage)

10H30 - Conclusions and Action Items Review

10H40 - Coffee break

11H00 - Status of the articles submitted to ASR (DORIS Special Issue) (E. Schrama & F. Lemoine)

11H10 - IDS news (next meeting, web site news) (L. Soudarin)

11H30 – Discussions – Conclusions and Action Items Review

12H - End

Meeting Goals

Open issues and recommendations following ITRF2014

Scale factor jump in 2012

Scale issues on SPOT-5 (atypical behavior)

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Status on the SAA effect on the DORIS USO

Use of the data corrective model for Jason-2 (A. Belli)

Is it useful to make a SAA corrective model for Jason-3?

ACs status and schedule on the DORIS RINEX data processing

How and when to switch to the ITRF2014 for operational products