



London

May, 24 2017

Page 1

IDS GB meeting

AGENDA:

Next events

- IDS retreat (G. Moreaux)
- UAW (all)
- Next AWG (Analysis Coordination)

IDS_structure

- IDS representatives and representatives to IDS (L. Soudarin)
- Proposals for AACs (Analysis Coordination)
- Proposals for new IDS associates? (all)

Reports

- Central Bureau (L. Soudarin)
- Combination Center (G. Moreaux)
- NRT-DORIS data WG (D. Dettmering)

Data and Products

- RINEX production (P. Ferrage)
- DIODE pole (P. Ferrage, L. Soudarin)

Switch to ITRF2014 for IDS operational products (all)

Review of current list of actions (L. Soudarin)

Calendar for 2017-2018

AOB (all)

MAIN DECISIONS :

TU Delft and CNES/POD recognized as Associate Analysis Centers

ATTENDEES:

GB members

Hugues Capdeville, Guilhem Moreaux, Denise Dettmering, Frank Lemoine (chair), Laurent Soudarin, Marek Ziebart, Petr Štěpánek, Jean-Michel Lemoine, Pascale Ferrage, Jérôme Saunier

Excused

Brian Luzum, Patrick Michael

Guests

Pascal Willis

Actions list	See appendix
IDS retreat	<p>After two presentations from P. Willis and G. Moreaux on technical and practical aspects of the IDS retreat, the GB agreed on 4 actions to organize the retreat in 2018.</p> <p>Action GB_17_01: G. Moreaux & F. Lemoine will contact H. Schuh to get its feedback on the organization of the IVS and IERS retreats.</p> <p>Action GB_17_02: The GB, with the support of the CB, will elaborate a survey to be distributed to get feedback from both inside and outside the IDS community on questions such as (i) do they know about IDS, (ii) which IDS products do they use, (iii) can these products can be easily used, (iv) which other products would they be interested in?...</p> <p>Action GB_17_03: The GB members are asked to answer the two questions: where are we and what do we do well?</p> <p>Action GB_17_04: The GB will identify candidates to be the facilitator of the retreat.</p>
UAW	<p>UAW 2017 will be held in Paris, France, during July 10-12.</p> <p>The preliminary list of IDS Delegates to the Workshop sent by Hugues to Richard Gross is:</p> <ul style="list-style-type: none"> - Frank Lemoine (NASA) - Service Chair - Laurent Soudarin (CLS) - Central Bureau Director - Hugues Capdeville (CLS) - Analysis Coordinator - Alexandre Couhert (CNES) - Flavien Mercier (CNES) - Guilhem Moreaux (CLS) - Pascal Willis (IGN) <p>Michiel Otten is IGS delegate.</p> <p>Items that IDS proposes to discuss: DORIS antenna patterns; SAA; T2L2 results; mean pole.</p> <p>Action GB_17_05: Frank Lemoine will call Richard Gross for presentations and agenda</p>
Next AWG meetings	<p>2017 Semester 2: a virtual meeting (Webex telecom) will be organized end of September, focused on RINEX processing.</p> <p>2018 Semester 1: CNES proposes to organize an IDS AWG in Toulouse in conjunction with the 6th Copernicus POD QWG meeting that will be held after Sentinel-3B's launch. In case the launch is postponed, the AWG meeting will be held in May, In Toulouse.</p>
Reps to IDS and IDS reps	<p>Two changes among the representatives to IDS and IDS representatives:</p> <ul style="list-style-type: none"> - Petr Štěpánek was nominated by IAG Executive Committee in February 2017 as the IAG representative to succeed Michiel Otten who served two terms. - Frank Lemoine succeeds Pascal Willis as an IDS representatives to GGOS consortium (still TBC at GGOS consortium meeting in September 2017) -
AACs	<p>Rolf Koenig is the new point of contact for the GFZ Associate Analysis Center instead of Sergei Rudenko who moved to DGFI/TUM on August 1st.</p>

	<p>Two formal requests received by email for AAC status CNES/POD (Alexandre Couhert) TU Delft (Ernst Schrama) Upon recommendation of the Analysis Coordination, the Governing Board unanimously recognized both groups as Associated Analysis Centers.</p>
<p>Associates</p>	<p>Jérôme Saunier will provide contacts from two new DORIS sites under consideration: University of Guam Island + National Administration of Surveying, Mapping and Geoinformation in Heilongjiang province, China.</p>
<p>Report from CB</p>	<p><u>Reports:</u> IDS Annual report 2016: almost all contributions received. Objective: June. IDS contributions for IERS report 2016 and IAG travaux 2015-2016 have been submitted.</p> <p><u>Letters:</u> The CB provided a support letter for E-GRASP /Erasthotenes proposal A cooperation agreement between IDS and GOP has been written on request of Petr Štěpánek</p> <p><u>IDS Newsletter:</u> The Newsletter #4 is in preparation. The projected content is: 1 article about DIODE Pole by C. Jayles (in progress) 1 article about DPOD by Guilhem (pending) 1 article by Jérôme about Kitab and/or focus on an area (ex. Central America) (pending) 1 article by Christian about Grasse, first atomic orbitography beacon in operation (TBC) Objective: June</p> <p><u>News from GGOS coordinating board (EGU, Vienna)</u></p> <ul style="list-style-type: none"> • Hansjörg Kütterer still chair; waiting for a successor • [<i>Post-meeting addendum</i>] Richard Gross selected as new Chair at IAG meeting in Kobe. • Coordinating Office now at BEV (Austrian Federal Office of Metrology and Surveying) • New website: ggosdays.com (day-to-day business) • GGOS Days 2017 together with COSPAR (http://cospar2017.org/), Sept. 18-22 South Korea • New GGOS focus area Geodetic Space Weather Research (chair: Michael Schmidt DGFI/TUM; co-chair: Klaus Börger German Space Situational Awareness Centre) (see http://www.ggosdays.com/media/filer_public/e4/2c/e42c2e47-43cb-47ab-8acc-308c4a9158cf/focusareagswr_proposal_schmidt.pdf) • At least two new Joint Study Groups have to be installed: JSG1: Electron density modeling of the ionosphere including space weather effects and predictions approaches from the combination of space geodetic measurement techniques. JSG2: improvement of thermosphere models including physics-based realisations of thermosphere-ionosphere coupling processes, in particular for applications in the orbit determination of LEO satellites • Presentations of all GGOS meetings in Vienna: http://www.ggosdays.com/en/meetings/2017 <p>Denise Dettmering proposes to join JSG1</p>

	<p>Action GB_17_06: Denise Dettmering will contact Michael Schmidt to join the study group JSG1 as IDS rep.</p> <p><u>News from IERS DB meeting (EGU, Vienna)</u></p> <ul style="list-style-type: none"> • Brian Luzum wants to create a defined process to follow for future ITRF generation (CB provided time table of ITRF2014) • Rolf Dach asked IDS quaternion format for GNSS attitude file (done) • IERS Workshop celebrating 30th Anniversary in 2018? Obs. Paris or BKG?
<p>Report from DC</p>	<p>Frank reports that CDDIS proposes to assign DOI to the DORIS datasets.</p> <p>Action GB_17_07: Frank Lemoine will organize a telecon with Patrick Michael, Bruno Garayt, Jérôme Saunier, Pascale Ferrage and Laurent Soudarin about the DOI.</p>
<p>Report from CC</p>	<p>The series of all ACs are complete up to the end of 2016, except for ESA. First version of the DPOD2014 is available for download.</p>
<p>WG NRT-DORIS data</p>	<p>Denise Dettmering gives the terms of reference of the WG, including a non-restrictive list of goals, as well as the current list of the WG members:</p> <ul style="list-style-type: none"> - Nicolas Bergeot (ROB, Belgium) - Vince Eccles (Utah State University, USA) - Eren Erdogan (DGFI-TUM, Germany) - Zishen Li (CAS, China) - Michael Schmidt (DGFI-TUM, Germany) - Ningbo Wang (CAS, China) - Volker Wilken (DLR, Germany) <p>The WG is currently restricted to ionospheric applications but might be enlarged or expanded later, if necessary.</p> <p>Action GB_17_08: The Central Bureau will announce the creation of the WG by DORISmail and in the Newsletter. A dedicated page will be created on the Website.</p>
<p>RINEX production</p>	<p>Based on test results (cf Jean-Michel Lemoine's presentation at IDS Workshop), CNES decided to switch back to DIODE time tagging. Routine delivery from Wednesday January 25th, for all missions (JASON2, CRYOSAT-2, HY-2A, SARAL, JASON3, SENTINEL3A) with a latency of 1 day (instead of 3 days). Delivery of previous periods done in February Still some files missing at CDDIS only for S3A Still TBD: clean-up in data directories + readme</p>
<p>DIODE pole</p>	<p>Christian Jayles has set up a new product based on DORIS measurement: a ground software computes Earth Pole parameters based on DORIS measurement received from in-flight satellites. These parameters are produced routinely in a short delay (around 1.5 day). (cf presentation La Rochelle 2016) A comparison is done with a final (restituted) estimation of EOP, showing that the "DORIS rapid pole" has an accuracy of less than one mas when compared to OBSPM official product. This new product has been activated for more than one year now, and verified by Christian Bizouard (see analysis at http://hpiers.obspm.fr/eop-pc/products/operational/doris/). Also</p>

	<p>proposed to C. Hackmann (USNO) This experimental product could be also made available on the IDS DCs for analysis.</p> <p>The CB proposed Christian to present this product in an article for the next IDS Newsletter. However the GB considers that this product is still under evaluation and it needs to be better understood before promoting. The GB asks the CB to submit the article for approval before publishing in the Newsletter.</p> <p>Action GB_17_09: The CB will submit Christian Jayles' article to the GB</p>
<p>Switch to ITRF2014 for IDS operational products</p>	<p>The GB approves the decision made in conclusion of the AWG meeting to switch to ITRF2014 for IDS operational products. The ACs are free to choose DPOD2014 or ITRF2014. A new set of sitelogs with updated a priori coordinates will be prepared by IGN.</p> <p>Action GB_17_10: The Analysis Coordination will notify Michiel Otten and Sergei Kuzin of the decision to switch to ITRF2014/DPOD2014 for IDS operational products</p> <p>Action GB_17_11: The Central Bureau will notify the decision on the website.</p>
<p>Calendar for 2017-2018</p>	<p>2017 January: start of term 2017-2020 for the new elected members and new reps May: AWG meeting July: UAW July-August: IAG assembly Summer : IDS Activity report 2016; IDS newsletter #4 September: virtual AWG meeting (Webex telecom) focused on RINEX processing. Fall: Newsletter #5 Fall: Telecon about IDS retreat organization December: AGU</p> <p>2018 IDS Retreat (to be confirmed) Spring: AWG in Toulouse in conjunction with 6th Copernicus POD QWG meeting (TBC) Spring: Newsletter #6 July 1st: 15th anniversary of official start as an IAG service September: IDS workshop in conjunction with OSTST meeting (TBC) Fall: Newsletter #7 Fall: GB elections for the Analysis Coordinator and one Member at large</p> <p>2020 DORIS 30th anniversary</p>
<p>AOB</p>	<p><u>Network:</u> Jérôme Saunier asks that the IDS GB members report information that they hear about new instruments being installed or removed at co-location sites on the occasion of meetings with representatives from the other IERS techniques.</p> <p>Action GB_17_12: Frank Lemoine will ask ILRS and IVS for clarification about San Juan</p>

	<p><u>Missions:</u> Frank Lemoine proposes that IDS helps to get quaternions for HY-2A.</p> <p>Action GB_17_13: Frank Lemoine and Jean-Michel Lemoine will sent an official demand for HY-2A's quaternions and following missions.</p> <p><u>T2L2:</u> In order to assess the interest to extend the T2L2 experiment, which was due to be finished by the end of 2016, CNES contacted interested groups (ILRS, IDS, GRGS, OCA...) to submit proposals of experiment. The Analysis Coordination will consider the issue on behalf of the IDS.</p> <p>Action GB_17_14: The Analysis Coordination will consider submitting an experiment proposal for T2L2 extension on behalf of the IDS.</p>
<p>Review of current list of actions</p>	<p><u>Actions closed:</u> GB_16_13, GB_16_14, GB_16_15, GB_16_17, GB_16_18 <u>Still open:</u> GB_14_10, GB_14_18, GB_16_12 (see below), GB_16_20</p> <p><u>GB16 12:</u> It was pointed out that the Terms of Reference must be corrected to be fully consistent with the election process every two years. They say that the chairperson is elected to serve a term of four years. However, the member may have started his/her term two years before being elected as the chairperson. Therefore he/she could chair only two years, i.e. up to the end of his/her term as a member of the GB.</p> <p>Three corrections are proposed by the CB:</p> <ol style="list-style-type: none"> 1. Possibility to end the term of Chair as ex-officio Member for the two remaining years. 2. Reduce the term of the Chair to 2 years with the possibility of 1 additional term (total 4 yrs) OR 2 (total 6 yrs) or 3 terms (total 8yrs) if reelected to the GB 3. Increase the term of the Chair to 6 years with the possibility of 1 additional term of 2 years (total 8 yrs) OR not (should be considered as ex-officio member if not reelected to the GB) <p>The GB chooses the first proposition. The CB will take into account the correction and update the ToR.</p>
<p>Next GB meeting</p>	<p>Telecon to be organized this fall before AGU about IDS retreat organization</p>

Appendix: action list (new actions and changes are blue colored)

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_14_18	GB	Availability of SAA-corrected data files for SPOT-5 and Jason-1	Check the availability of the Jason-1 data files corrected by GSC AC. Check them and upload them to the Data centers with documentation. Move Spot-5 and Jason-1 corrected data files to the « official » directory with an incremented version number.	HC will complete Jason-1 and Spot-5 SAA corrected dataset. Jason-1 dataset complete. The two whole sets will be moved as soon as the last SAA Spot-5 files are provided 2016/05/26: full dataset of SPOT-5 SAA corrected OK; Hugues contacts Carey for file naming and archiving 2017/05/24: to avoid confusion with data provided by CNES, corrected dataset will be put in subdirectories with a specific name	F. Lemoine, H. Capdeville, Data Centers	28/10/2014	15/09/2017	open
GB_16_12	GB	ToR	propose a correction of the Terms of Reference about the duration of the Chairperson's period	2017/05/24: take into account the correction chosen by the GB (maintain the Chair as ex-officio) and update the ToR	Central Bureau	01/11/2016	31/12/2017	open
GB_16_13	GB	AAC	contact Frank Flechner about the future of the DORIS activities at GFZ		R. Biancale	01/11/2016	22/05/2017	closed
GB_16_14	GB	AAC	ask CNES/SOD to provide a letter of intent to become an IDS AAC		L. Soudarin	01/11/2016	22/05/2017	closed
GB_16_15	GB	AAC	provide a letter of intent to become an IDS AAC		E. Schrama	01/11/2016	22/05/2017	closed
GB_16_17	GB	DORIS/RINEX data	email schedule for the delivery of DIODE time tagged RINEX		P. Ferrage	01/11/2016	09/12/2016	closed

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_16_18	GB	NRT DORIS data WG	make a proposal for a Working Group NRT DORIS data		D. Dettmering	01/11/2016	22/05/2017	closed
GB_16_20	GB	SAA effects	define together with the Analysis Coordination the contributions expected to test the SAA strategy , contact the ACs and evaluate the solutions	Nov. 3: proposition for the tests sent to ACs by CC 2017/05/24: resend proposition to ACs; perform test on jason-2	G. Moreaux	01/11/2016	31/12/2017	open
GB_17_01	GB	IDS retreat	contact H. Schuh to get its feedback on the organization of the IVS and IERS retreats.	2017/09/05:Harald contacted by Frank	G. Moreaux, F. Lemoine	24/05/2017	15/09/2017	open
GB_17_02	GB	IDS retreat	elaborate a survey to be distributed to get feedback from both inside and outside the IDS community on questions such as (i) do they know about IDS, (ii) which IDS products do they use, (iii) can these products can be easily used, (iv) which other products would they be interested in?...		GB and CB	24/05/2017	31/12/2017	open
GB_17_03	GB	IDS retreat	answer the two questions: where are we and what do we do well?		GB members	24/05/2017	31/12/2017	open
GB_17_04	GB	IDS retreat	identify candidates to be the facilitator of the retreat.		GB	24/05/2017	31/12/2017	open
GB_17_05	GB	UAW	call Richard Gross for presentations and agenda	Done in June 2017	F. Lemoine	24/05/2017	10/07/2017	closed
GB_17_06	GB	new GGOS Joint Study Group	contact Michael Schmidt to join the study group JSJ1 as IDS rep		D. Dettmering	24/05/2017	31/12/2017	open
GB_17_07	GB	DOI for DORIS datasets	organize a telecom with Patrick Michaël, Bruno Garayt, Jérôme Saunier, Pascale Ferrage and Laurent Soudarin about the DOI		F. Lemoine	24/05/2017	31/12/2017	open

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_17_08	GB	WG NRT-DORIS data	announce the creation of the WG by DORISmail and in the Newsletter, and create a dedicated page on the Website		Central Bureau	24/05/2017	31/12/2017	open
GB_17_09	GB	article about DIODE pole for IDS Newsletter	submit Christian Jayles' article to the GB		Central Bureau	24/05/2017	15/09/2017	open
GB_17_10	GB	Switch to ITRF2014 for IDS operational products	notify Michiel Otten and Sergei Kuzin of the decision to switch to ITRF2014/DPOD2014 for IDS operational products		Analysis Coordination	24/05/2017	31/12/2017	open
GB_17_11	GB	Switch to ITRF2014 for IDS operational products	notify the decision on the website (+ warning on sitelogs)		Central Bureau	24/05/2017	31/12/2017	open
GB_17_12	GB	Installation at San Juan	ask ILRS and IVS for clarification about San Juan	September 2017: letters send to ILRS and IVS	F. Lemoine	24/05/2017	31/12/2017	open
GB_17_13	GB	HY-2A's quaternions	sent an official demand for HY-2A's quaternions and following missions		F. Lemoine, J.-M. Lemoine	24/05/2017	31/12/2017	open
GB_17_14	GB	T2L2	consider submitting an experiment proposal for T2L2 extension on behalf of the IDS.	June 2017: IDS associated to C. Jayle's proposal	Analysis Coordination	24/05/2017	15/09/2017	closed

closed in London

[closed after London](#)

open before London

[open in London](#)

[15/09/2017 new deadline](#)