



Online meeting

October 12, 2021

Page 1

IDS GB meeting

AGENDA:












DORIS Days 2021
IDS workshop 2022
DORIS special issue
Operational ACs
Working Group Geocenter
Working Group NRT data
Committee DOI
IDS report 2019-2020
Newsletter #9

MAIN DECISIONS:

ATTENDEES:

Elected and appointed members: Claudio Abbondanza, Pascale Ferrage, Karine Le Bail, Frank Lemoine, Patrick Michael, Guilhem Moreaux, Jérôme Saunier, Ernst Schrama, Laurent Soudarin, Petr Stepanek
Excused: Hugues Capdeville, Tonie van Dam

« Ex-officio » member: Denise Dettmering

 <p>Lemoine, Frank G. (GSFC-61A0) ...</p>	 <p>*Pascale Ferrage (Invité) (Guest)</p>	 <p>Soudarin Laurent</p>	 <p>Denise Dettmering</p>	
 <p>Karine le Bail</p>	 <p>Petr (Host) (Guest)</p>	 <p>Moreaux Guilhem</p>		
 <p>Claudio (Guest)</p>	 <p>Michael, Benjamin P. (GSFC-61A0)</p>	 <p>Jerome Saunier</p>		

<p>Actions list</p>	<p>See appendix The list was not reviewed during the meeting.</p>
<p>DORIS Days 2021</p>	<p>The organizing committee (Frank (lead), Karine, Ernst, Pascale, Jérôme, Guilhem, Laurent) has been meeting virtually every 2 weeks since the end of August (first meeting on July 6, then on August 24, September 6 and 9, October 4). The 3 sessions will be held online with MS Teams on Tuesday 16, Wednesday 17 and Thursday 18 November from 1pm UTC. They will be a mix of live presentations, recorded interviews and videos. Session chairs, moderator (managing questions on Teams chat) and organizer (handling the Teams platform) were defined.</p> <p>Program (detailed program sent by email to the GB):</p> <ul style="list-style-type: none"> • Session 1 - Day 1 - November 16 (chair Ernst /organizer Laurent / moderator Karine) <ul style="list-style-type: none"> ○ History of DORIS ○ How the DORIS system works ○ Overview of Ground Network ○ Data flow ○ Organization of the analysis • Session 2 - Day 2 - November 17 (chair Pascale /organizer Laurent / moderator Karine) <ul style="list-style-type: none"> ○ Products ○ Software ○ System performances (POD, positioning, EOP) ○ Implementation of DORIS on a mission ○ Applications • Session 3 - Day 3 - November 18 (chair Jérôme /organizer Laurent / moderator Karine) <ul style="list-style-type: none"> ○ Network: focus on installation requirements <p>Registrations (as of Oct 12): 107 from 24 countries – Day 1: 105 / Day 2: 103 / Day 3: 93</p> <p>Actions done:</p> <ul style="list-style-type: none"> • Creation of the event web page https://ids-doris.org/ids/reports-mails/meeting-presentations/doris-day-2021.html • Creation of the registration form https://ids-doris.org/doris-day-2021-registration/view/form.html • Sending of the first announcement: Dorismail (15/09), mailing lists IDS Newsletter + IGS, ILRS, IVS (22/09) • Confirmation messages sent to the registrants on 9/10 (+11&12) <p>Action GB_21_04: Distribute second announcement (Laurent) Action GB_21_05: Refine Schedule for test session. (Doris Days Committee) Action GB_21_06: Set deadline for registration. (Laurent) Action GB_21_07: Continue dissemination at different universities: (Doris Days Committee)</p>
<p>IDS workshop 2022</p>	<p>IDS Workshop & OSTST in Venice are scheduled 21-25 March 2022 (postponement of the events initially planned in October 2021).</p>

Hybrid events: in person sessions + forum of Q/A with abstracts and presentations accessible on the dedicated web site of each event (cf OSTST2020)

Registration, logistical information
<https://ostst-altimetry-2022.com/>

Abstract submission for IDS Workshop
<https://idsworkshop.aviso.altimetry.fr/>

Abstract submission for OSTST meeting (open from Oct. 11)
<https://ostst.aviso.altimetry.fr/>

Sessions

- DORIS network and constellation: status and evolution
- IDS Processing for ITRF2020
- Precise orbit modeling and Precise Orbit Determination
- Reduction of Systematic Errors and Simulations of New Instruments
- Research activities and new applications using DORIS data

NB: session descriptions are not yet written

Addendum (Hugues's mail Oct; 13)

Hugues reminds that the Scientific Committee defined before postponement is as follows:
 Chair:

Frank Lemoine (NASA/GSFC, USA)

Committee members:

Petr Štěpánek (GOP, Czech Republic)

Hugues Capdeville (CLS, France)

Pierre Exertier (Observatoire Midi-Pyrénées, France)

Karine Le Bail (Chalmers University, Sweden)

Mathis Bloßfeld (DGFI, Technical University of Munich, Germany)

As planned for the October 2021 meeting, the scientific committee will define the sessions according to the abstracts we receive.

Frank should ask the committee members if they are still okay with taking on this role
 The call for papers sent out in May (dorismail 1277) can be updated and resent.

Action GB_21_08: Ask the committee members if they are still okay with taking on this role (Frank)

DORIS special issue

The Special Issue of Advances in Space Research on New Results from DORIS for Science and Society was announced in September on ASR website and at
<https://cosparhq.cnes.fr/assets/uploads/2021/05/DORIS-announcement.pdf>

Ernst Schrama and Denise Dettmering are the Guest Editors for this special issue. The deadline for submissions is 31 January 2022.

	<p>Action GB_21_09: Distribute second announcement. Ask potential contributors to send tentative title, and author list to editors if they plan to submit a paper. (Denise, Ernst)</p>
<p>Operational ACs</p>	<p>Guilhem gives the following status:</p> <ul style="list-style-type: none"> • 3 ACs are fully operational: GOP, GSFC, CNES/CLS • 3 are no longer providing IDS products on a regular basis <ul style="list-style-type: none"> ○ ESA did not provide series after its contribution to ITRF2014, but did contribute to ITRF2020; will it again deliver series on the expected pace for ACs? ○ IGN: a new team (Arnaud Pollet, Samuel Nahmani) is in place after the retirement of Pascal. They are working with JPL on the implementation of DORIS in Gipsy-X. They will not be able to do any operational production for several months, but progress are encouraging, as reported from a meeting CNES/IGN. ○ INASAN is working on the development of its own software GeoIS dedicated to SLR and DORIS processing. It is still in progress. • GFZ provided with single solutions for Jason-1/2/3, Sentinel-3A/B, in the frame of the analysis for ITRF2020. <p>The governing board wishes to have a more complete status of the ESA and INASAN, and know if GFZ could consider operational treatments.</p> <p>Action GB_21_10: Arrange meetings with INA, ESA, GFZ to discuss current activities (Guilhem)</p>
<p>Working Groups and Committee</p>	<p>WG NRT data: nothing to report. A contribution to the special issue is being considered</p> <p>WG Geocenter: description and work action plan still expected from Alexandre Couhert.</p> <p>Committee DOI: The Central Bureau assessed the assignation process with the CNES DOI Service.</p> <ul style="list-style-type: none"> ■ DOI assigned for ids16, the IDS Combined Series contributing to ITRF2020: https://doi.org/10.24400/312072/i01-2021.001 ■ Landing page: https://ids-doris.org/analysis-coordination/combinaton/contributions-to-itrf/itrf2020.html ■ Metadata: https://search.datacite.org/works/10.24400/312072/i01-2021.001 <p>Action GB_21_11: Contact Alexandre Couhert and remind him of need to submit description and work action plan for WG to IDS GB (Frank).</p> <p>Action GB_21_12: Arrange meeting of the Committee DOI (Laurent)</p>
<p>Central Bureau</p>	<p>Newsletter #9 The newsletter was issued on September 30 with the following content:</p> <ul style="list-style-type: none"> • A new method for monitoring the geocenter motion using DORIS observations (A. Couhert, CNES) • Doppler crossings on-board DORIS receiver carrier satellites (C. Jayles, CNES, J.P. Chauveau, CLS, P. Yaya, CLS) • Major renovation at Réunion Island (J. Saunier, IGN)



- La Réunion: the host agency in short (P. Kowalski, OVPF)
- The 4th generation of DORIS beacon (J. Saunier, IGN)
- IDS life
- HY-2D, a new DORIS carrier satellite

Available on the website at :

<https://ids-doris.org/images/documents/newsletters/IDS-Newsletter9.pdf>

If people have ideas for articles for the next IDS Newsletter, please contact Laurent.
Maybe a target date for the next issue should be in early 2022?

IDS report 2019-2020

The report is ready and available at

https://ids-doris.org/documents/report/IDS_Report_2019-2020.pdf

It contains the contributions of most of the IDS components, except AC ESA/ESOC (M. Otten), AC IGN, AAC SOD (A. Couhert), not provided.

Next GB meeting

We agreed to meet again in early February after the DORIS Days virtual meeting, after the Special Issue submission deadline, and before the IDS workshop.

Action GB_21_13: Arrange next GB meeting in February 2022 (Laurent)

Appendix: action list

New actions

#	Orgin	Title	Action	Answer	Resp.	Opening date	Deadline	status
GB_21_04	GB	DORIS Days 2021	Distribute second announcement		Laurent Soudarin	12/10/2021	30/10/2021	open
GB_21_05	GB	DORIS Days 2021	Refine Schedule for test session		Doris Days Committee	12/10/2021	30/10/2021	open
GB_21_06	GB	DORIS Days 2021	Set deadline for registration		Laurent Soudarin	12/10/2021	30/10/2021	open
GB_21_07	GB	DORIS Days 2021	Continue dissemination at different universities		Doris Days Committee	12/10/2021	30/10/2021	open
GB_21_08	GB	IDS workshop 2022	Ask the committee members if they are still okay with taking on this role		Frank Lemoine	12/10/2021	30/10/2021	open
GB_21_09	GB	DORIS special issue	Distribute second announcement. Ask potential contributors to send tentative title, and author list to editors if they plan to submit a paper		Denise Dettmering and Ernst Schrama	12/10/2021	30/10/2021	open
GB_21_10	GB	Analysis Centers	Arrange meetings with INA, ESA, GFZ to discuss current activities		Guilhem Moreaux	12/10/2021	31/01/2022	open
GB_21_11	GB	WG Geocenter	Contact Alexandre Couhert and remind him of need to submit description and work action plan for WG to IDS GB		Frank Lemoine	12/10/2021	31/01/2022	open
GB_21_12	GB	Committee DOI	Arrange meeting of the Committee DOI		Laurent Soudarin	12/10/2021	18/10/2021	open
GB_21_13	GB	GB meeting	Arrange next GB meeting in February 2022		Central Bureau	12/10/2021	31/12/2021	open