



Online meeting

February 13, 2023

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## IDS GB meeting

### **AGENDA:**

welcome to the new members [10']  
SWOT/DORIS status (Arnaud) [5']  
NRT data delivery (Arnaud) [5']  
network status (Jérôme) [10']  
IDS station call (Frank + Guilhem + Jérôme) [15']  
AWG meetings in 2023 (Petr) ) [15']  
IDS participation to major meetings in 2023 (all) [10']  
organizing DORIS days in 2023? (all) [20']  
Action review (all) [20']  
AOB [10']

### **MAIN DECISIONS:**

### **ATTENDEES:**

Elected and appointed members: Arnaud Sellé, Karine Le Bail, Frank Lemoine, Patrick Michael, Guilhem Moreaux, Laura Sanchez, Jérôme Saunier, Ernst Schrama, Laurent Soudarin, Petr Stepanek, Tonie van Dam

Excused: -

« Ex-officio » member: Denise Dettmering



<b>Actions list</b>	See appendix The list was partially reviewed during the meeting.
<b>Welcome to the new members</b>	At the end of 2022, the IDS held elections to renew two seats on the Governing Board. Petr Stepanek (GOP) was elected as the new analysis Coordinator. He was part of the previous Analysis Coordination team with Hugues Capdeville. He will therefore continue this task for the next 4 years. Laura Sanchez (DGFI-TUM) succeeds Claudio Abbondanza in one of the positions of Member-at-large. She joins the GB up to 2026. Big thanks to Hugues and Claudio, and sincere congratulations to Petr and Laura.
<b>SWOT/DORIS status</b>	SWOT: launched on Dec. 16, 2022 Altitude: 891km (857km for the first 6 months) Orbit plane: 77.6 deg  DORIS ON on Jan. 11, 2023 at 14:08 UTC 18th instrument → 9 DORIS instruments are currently operating on-orbit!
<b>NRT data delivery</b>	CNES is planning to deliver NRT data + DIODE orbits of data S3-A&B, S6-A They will be at IGN DC only, for now. Denise Dettmering (NRT WG) advised it was not necessary to duplicate the NRT data at another data center for now since data are used for validation only at present, but this could change in the future.  <u>About HY-2C&amp;D.</u> Diode is not part of the DORIS package on HY-2C&D Frank says that it is possible that there are GNSS NRT orbits available for HY-2, so this could be a solution if needed.  <u>About Cryosat-2 and Saral.</u> Denise said Cryosat-2 would be nice to add to the iono-model validation as well, because of its different orbit (altitude, inclination). However it is fine to start with the Sentinels first.  <u>About possible latency improvements.</u> Denise says that for now it is more important to have more missions than it is to improve latency.  <u>About data availability at CDDIS DC</u> Because the CNES uses a dedicated chain to deliver NRT data, it was decided to keep it simple and to provide the files through ftp protocol, that is only possible with IGN DC. The switch to https for delivery to CDDIS was an important long-standing issue in the operational chain.
<b>Network status</b>	<b>Network status:</b> 90% of the network stations in operation 58 stations of which 6 beacons are out of order / 3 decommissioned pending replacement

	<p><b>Network recent events:</b>          Mainly maintenance operations following long outages due to Covid-19          Half of the network stations equipped with the 4th generation beacon          24/58 stations equipped with Starec-C antenna          Connection to H<sub>2</sub> maser is now available at the following stations: Grasse, Ny-Alesund II, Wettzell.</p> <p><b>2023 planned network operations:</b>          Several stations will be visited for renovation (Everest, Cachoeira, Rikitea), installation (Hanga Roa at Easter Island; Gavdos in Crete: calibration site for altimetry supported by ESA; Katherine in Australia, collocated with VLBI) or equipment upgrade (Santa Cruz).          -site reconnaissance at Ulaanbaatar (Mongolia) and for the 2nd IDS station (TBD)          Ulaanbaatar would be a possible replacement or backup for the Russian stations (c.f. Badary) whose transmissions have been halted since April 2022.          -continuation of the 4th generation beacon deployment.</p>
<p><b>IDS station call</b></p>	<p><b>Reminder:</b></p> <ul style="list-style-type: none"> <li>• April 27th, 2022: call for proposals</li> <li>• June 30th, 2022: 8 proposals</li> <li>• September 15th: first examination =&gt; <b>2 pre-selected sites: Kanpur (India), La Plata (Argentina)</b></li> <li>• October 19th: IDS response to non-selected sites</li> <li>• October 21st: IDS response to pre-selected sites</li> </ul> <p><b>Next steps:</b></p> <ul style="list-style-type: none"> <li>• February: Request for additional information</li> <li>• March: Second examination and choice of the chosen site</li> <li>• Site reconnaissance and meeting with the local team</li> <li>• Tripartite agreement signature with the scientific collaboration objectives</li> <li>• Station installation in 2024</li> </ul> <p>Jérôme presented the list of questions to the two pre-selected groups prepared by Frank, Guilhem and him.</p> <p><b>Action BC_23_07:</b> Laurent sends questions to the two pre-selected groups, and proposes a doodle to organize online meetings from mid-March</p>
<p><b>AWG meetings in 2023</b></p>	<p>Petr plans <b>two analysis working group</b> meetings in 2023.</p> <p><b>Meeting #1</b> should be completed before EGU.          This meeting will be online and only for one afternoon (to start approx. at 2 P.M. European time).          This meeting will be devoted to a presentation of current status of ACs, AACs, CC and the other groups. Also the short and middle/term plans of these groups/individuals (for next two</p>

	<p>years +/-) are desired part part of the presentations. We skip a traditional system/network evolution session and also skip an open DOIS application session, with possible exceptions are possible - if there is any topic needed to be presented with a minimum delay.</p> <p>Based on the response to the doodle that Petr sent to the CAs, <b>the date of April 18 is chosen</b></p> <p><b>Meeting #2</b> should be realized in September-December in a classical format – onsite or hybrid form, including system status session and open DORIS application session.</p> <p><b>Paris is proposed. The meeting could be hosted by the IGN AC.</b></p> <p><b>Action GB_23_16:</b> Jérôme will ask Arnaud Pollet and Samuel Nahmani if the IGN AC can host the meeting either at IGN or IPGP or ENSG</p>
<p><b>IDS participation to major meetings in 2023</b></p>	<p><b>EGU</b> (Vienna, 23-28 April)          Tonie, Guilhem (abstract “Combination” submitted in session G2.2 TRF) and Laurent (abstract “IDS” submitted in session G2.3 GGOS) will attend the assembly.          One of them will be asked to report for IDS at IERS DB.</p> <p><b>IUGG</b> (Berlin 11-20 July)  <b>Abstract submission deadline postponed to Feb. 21</b>          Pat, Ernst, Denise (TBC), Karine, Frank, Laura, Arnaud, Laurent, Tonie plans to attend IAG assembly.          Frank is preparing an abstract, a review of progress and perspectives of DORIS and IDS.          Jérôme is asked to participate in the frame of GGOS BNO</p> <p><b>IDS is reaching 20 years on July 1, 2023!</b>          To celebrate this anniversary, the Central Bureau is looking into the possibility of organizing an ad-hoc IDS/DORIS meeting in Berlin.</p> <p><b>GGOS days</b> (Yebes, Spain, 20-22 September)          Mike will ask for reports from the services.          Possible session for young scientists?</p> <p><b>AGU</b>          No participation yet, except Pat.</p> <p>Petr has no funds to attend any of these meetings in person.</p>
<p><b>Organizing DORIS days in 2023?</b></p>	<p>In order to increase the community, the GB wishes to organize new DORIS days.</p>

	<p>The objective, the targeted audience, the content, the form and the means have to be defined. A committee is set up: Karine, Arnaud, Laurent, Petr, Frank, Laura. It will meet online every two weeks from early March with the plan to organize an event in fall 2023.</p> <p>Karine said a class focused on how to analyze DORIS data with a geodetic software would be a good topic.</p> <p>Laura says that IUGG may provide financial support for such courses, but this requires advance planning. She says that the SIRGAS symposium 2024 will be held in May in Bogota, Colombia. Many geodetic/geophysics groups of South America attend the symposium. It could be an opportunity to organize jointly a DORIS school.</p> <p><b>Action GB_23_17:</b> Laurent organizes online committee meetings every two weeks from early March (16:00-18:00 CET)</p>
<p><b>Action review</b></p>	<p>Closed by the CB (33 actions): GB_18_06, GB_19_12, GB_19_15, GB_19_18, GB_19_21, GB_20_01, GB_20_03, GB_20_04, GB_20_05, GB_20_06, GB_20_07, GB_20_08, GB_20_09, GB_21_01, GB_21_02, GB_21_03, GB_21_04, GB_21_05, GB_21_06, GB_21_07, GB_21_08, GB_21_09, GB_21_10, GB_21_11, GB_21_12, GB_21_13, GB_22_01, GB_22_02, GB_22_04, GB_22_05, GB_22_06, GB_22_10, GB_22_12</p> <p><b>GB_16_12: Terms of Reference</b> A committee is set up: Frank, Pat and Laurent. GB members will read the ToR (<a href="https://ids-doris.org/ids/organization/terms-of-reference.html">https://ids-doris.org/ids/organization/terms-of-reference.html</a>) and send proposals of updates within two weeks to the committee. The committee will include the modifications proposed at the retreat (see GB_16_18 in the action list) and the minor changes proposed by the GB. Major changes will be the subject of another discussion for a later revision. <b>A vote of the GB will be organized to validate the updated ToR before sending them to IAG EC for approval.</b></p> <p><b>GB_18_29: Cookbook for RINEX processing</b> <b>GB_18_30: Observable in RINEX</b> Both actions to be linked Petr points out that there are at least two published papers describing the RINEX processing: Lemoine et al., 2016 and Štěpánek et al, 2022. Is the so-called cookbook really needed? <b>Petr will contact the ACs, the AACs and the group at Dionysos to know if they documents are needed or the papers are enough. If demanded, Petr will start the writing.</b></p> <p><b>GB_18_31: Mitigation of SAA effect</b> Petr proposes:</p> <ol style="list-style-type: none"> <li>1. Write the summary of the strategies so far applied by the ACs with the help of Hugues and Guilhem</li> <li>2. Submit the documents to ACs for suggestions</li> <li>3. Provide the document to the CB for putting it on the website</li> </ol> <p><b>GB_18_32: Working Group on SAA</b></p>

	<p>Postpone the continuation of this action after the next AWG meeting (Apr 18, 2023) where the subject will be discussed</p> <p><b>GB_19_02: softwares</b> Laurent will start this action, in preparation for the DORIS days 2023.</p> <p><b>GB_19_08: WG Geocenter</b> We need to try to rejuvenate this WG. There are some activities. Guilhem will ask Alexander to give the status of the WG. Frank pointed out the charter for this WG has not been approved by the GB.</p> <p><b>GB_19_19: strategic plan</b> Laurent and Frank will distribute Marek's slides to GB and organize a working session to decide further actions</p>
<p><b>AOB</b></p>	<p><b>Combination Center (Guilhem)</b> ESA is back to operation. So, four ACS contributes to the regular production: ESA, GOP, GSC, GRG. IGN AC may be back to operation this year (using GypsyX). GFZ would be a good candidate to become operational in the near future. Guilhem says that a degradation in positioning is observed in the latest results, without clear explanations so far.</p> <p><b>DORIS special issue (Denise)</b> Denise reports that eight papers were submitted (subjects: network (1 paper), antennas (1), ITR2020 (2), POD (2), ionosphere (2)). Seven are already published, one is in minor revision. According to the total number of pages, the papers will be gathered in a special issue or a special section of a regular issue.</p> <p><b>IDS Newsletter (Laurent)</b> Issue #10 is in preparation. It will include: - an article intitled "Using Near-Real-Time DORIS Data for Validating Real-Time GNSS Ionospheric Maps" by Ningbo Wang and Denise Dettmering - an article intitled "IDS contribution to the 2020 realization of the International Terrestrial Reference Frame" by G. Moreaux (IDS Combination Center) - an article about the recent DORIS station at Höfn (Iceland) by Jérôme and Guilhem with the participation of the host agency (LMI) - DORIS news: SWOT, DORIS constellation, ... - IDS news: IDS 20 yrs, GB changes, call for IDS stations, NRT data, IDS workshop, DOI, DPOD2020, ...</p>
<p><b>Next GB meeting</b></p>	<p>To be held jointly with the AWG meeting in fall 2023.</p>

**Appendix: action list**

**New / Changes** (since previous review)

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.	<p>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</p> <p>2018/06/15: create a directory, move the files, readme file, DORISmail</p> <p>2019/04/05: directories created and files moved. Readme file and DORISmail still to be done</p> <p>2019/09/30: information to be included in the DORISmail in preparation about the strategy to mitigate SAA effect, with links to the data and readme file.</p>	F. Lemoine, H. Capdeville, Data Centers	28/10/2014	01/04/2020	<b>closed</b>

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_16_12	GB	ToR	propose a correction of the Terms of Reference about the duration of the Chairperson's period	<p>2017/05/24: take into account the correction chosen by the GB (maintain the Chair as ex-officio) and update the ToR</p> <p>2018/06/15: Frank will quickly check the proposition sent by Laurent</p> <p>2018/09/26: Frank would like to include some other modifications proposed at the Retreat:</p> <p>(a) clarify term of chairman.</p> <p>(b) In line with recommendation from IDS Retreat, think of more expansive language about IDS Mission, talking about IDS Mission in terms of more fundamental services to science and society.</p> <p>(c) the term "chairman" is sexist. Should we have another designation for this office?</p> <p>2019/03/31 B. Luzum: "the term "chair" is gender neutral and might be considered"</p> <p>2019/09/30: To be done before next election (Fall 2020)</p> <p>2023/02/03: To be done before IAG EC meeting in Berlin July 2023</p> <p>2023/02/13: A committee is set up: Frank, Pat and Laurent. GB members will read the ToR (<a href="https://ids-doris.org/ids/organization/terms-of-reference.html">https://ids-doris.org/ids/organization/terms-of-reference.html</a>) and send proposals of updates within two weeks to the committee. The committee will include the modifications proposed at the retreat (see above) and the minor changes proposed by the GB. Major changes will be the subject of another discussion for a later revision. A vote of the GB will be organized to validate the updated ToR before sending them to IAG EC for approval.</p>	Central Bureau + F. Lemoine	01/11/2016	01/06/2023	open



N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_17_14	CB	Quaternions	send a letter to Pierre Femenias asking for quaternions (and solar panel angles) of Envisat, Cryosat-2, Sentinel-3A&B (+ GNSS RINEX L1B Sentinel-3 ?)	-directly to IDS (optimal) -via SSALTO for delivery to DCs? 2018/09/26: Frank prepares an official request 2019/04/05: Analysis Coordination asks PF for Sentinel-3	F. Lemoine, H. Capdeville	12/07/2017	01/04/2020	closed
GB_18_06	Retreat	Retreat	write thank-you letters (BdL, CNES, invited people)	2019/09/30: the letters to be sent with the outcomes of the retreat and the strategic plan.	F. Lemoine + G. Moreaux	15/06/2018	01/04/2021	closed
GB_18_08	GB	EOP series derived from the combined solution	get approval of ACs for the EOP series	2018/09/26: 5 approvals; waiting for 1 answer (INA) 2019/04/05: Guilhem contacts Sergey Kuzin; Guilhem sends mail to IERS about new EOP product + reminder about combined products and DPOD paper 2020/11/24: Guilhem will send a message to Sergei 2023/02/07: Laurent sends reminder to Guilhem 2023/02/14: Guilhem confirms he informed Sergei	G. Moreaux	15/06/2018	01/04/2021	closed
GB_18_29	GB	Cookbook for RINEX processing	Create a cookbook for RINEX processing	2019/04/05: Matthis Blossfeld, Sergey Kuzin, Pascal Willis could review the document 2020/11/24: Hugues will send a message to Jean-Michel 2023/02/13: Petr will contact the ACs, the AACs and the group at Dionysos to know if they documents are needed or the papers are enough. If demanded, Petr will start the writing.	JML, HC with expected support of Alexandre Couhert and Flavien Mercier	26/09/2018	01/04/2023	open
GB_18_30	GB	Observable in RINEX	To create a document that better defines observable in the RINEX	2020/11/24: Hugues will send a message to Jean-Michel 2023/02/13: action to link with GB_18_29	JML, FL, with help from CJ, with solicited comments from Mathis Blossfeld, and John Ries	26/09/2018	01/04/2023	open

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_18_31	GB	Mitigation of SAA effect	To write a document with the list of strategies for mitigation of SAA effect on DORIS satellites (Jason-1, Jason-2, Jason-3, SPOT-5)	2019/09/30: 1 or 2 pages with inputs of the presentations on SAA at AWG meeting Paris October 2019. 2020/11/24: write the document with updates based on the processing for ITRF2020 2023/02/13: Petr proposes: 1. Write the summary of the strategies so far applied by the ACs with the help of Hugues and Guilhem 2. Submit the documents to ACs for suggestions 3. Provide the document to the CB for putting it on the website	Analysis Coordination	26/09/2018	01/04/2023	open
GB_18_32	GB	Working Group on SAA	To propose charter for Working Group, work plan, and ideas for members, and submit to GB for consideration	2019/04/05: HC asks JML if still interested in 2019/09/30: Pierre Exertier (GRGS) proposed to participate and lead the WG. Hugues will check with Jean-Michel Lemoine and get confirmation from Pierre 2020/11/24: Hugues will contact Pierre again 2023/02/13: Postpone the continuation of this action after the next AWG meeting (Apr 18, 2023) where the subject will be discussed	Pierre Exertier, Hugues Capdeville	26/09/2018	18/04/2023	open
GB_19_02	GB	Softwares	check availability of all the softwares (contact Tim Springer for Napeos); CB will prepare a table on the website with links to softwares' webpages, information about licences if any.	2019/09/30: request for information (software availability, point of contact, license) to be sent quickly to ACs, AACs and other groups (Norway). 2020/11/24: Geodyn freely available online <a href="https://sgp.gsfc.nasa.gov/techniques/tools/GEODYN/GEODYN.html">https://sgp.gsfc.nasa.gov/techniques/tools/GEODYN/GEODYN.html</a> 2023/02/13: Laurent will start this action, in preparation for the DORIS days 2023.	Analysis Coordination + Central Bureau	05/04/2019	01/04/2023	open

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_19_05	GB	ESA participation	contact ESA, reminding IDS needs its participation	2019/09/30: contact Tim Springer first, then letter to ESA (contact Werner Enderle, Navigation Support Office at ESA/ESOC) 2019/10/04: discussion with Tim Springer, Frank and Guilhem at UAW he confirmed ESA's intent to participate -- but the ESA participation depends on Michiel rather than Tim Springer, and the company PosiTIM is heavily GNSS-focused.	Frank Lemoine + Guilhem Moreaux	05/04/2019	15/10/2019	closed
GB_19_06	GB	ITRF calendar	request from the IERS DB a regular status of the calendar on behalf of the GB	2019/09/30: not an official request.	Frank Lemoine + Guilhem Moreaux	05/04/2019	01/02/2021	closed
GB_19_07	GB	IDS Newsletter	send the distribution list to the GB for proposal of new recipients	2019/09/30: make the subscription easier; add a link on the front page. 2023/02/07: added link on the next website version to be deployed in February; take steps to comply with EU GDPR regulation	Laurent Soudarin	05/04/2019	01/03/2023	open
GB_19_08	GB	WG Geocenter	ask Alexandre Couhert to write 1 or 2 paragraphs describing the goals of the WG, and forward GB's approval to chair the IERS WG	2019/09/30: The WG is created. Participation of GOP, GSFC, GRGS. 2023/02/13: We need to try to rejuvenate this WG. There are some activities. Guilhem will ask Alexander to give the status of the WG. Frank pointed out the charter for this WG has not been approved by the GB.	Hugues Capdeville	05/04/2019	18/04/2023	open
GB_19_09	GB	Presentations Groupe Performances	forward to Christian Jayles the GB's request for some presentations of the Groupe Performances	2019/09/30: Christian answered it is not relevant because interesting results are available and presented in meetings. The GB understands and precises that only the presentations of P. Yaya are requested, and, if possible, the list of topics. Claudio would like to be added to the list of distribution of the Groupe Performances.	Pascale Ferrage	05/04/2019	01/04/2020	closed

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_19_12	GB	NRT data	follow the progress of the issue at CNES (Request early dissemination of RINEX data and DIODE orbits within a 3hr latency as "near-real-time" products.)	2019/09/30: the request is deemed acceptable by the CNES. Should start with the dissemination of Jason-3's sp3 orbits and rinex in January probably. 2020/11/24: implementation done at CNES. Dissemination still to be done, at first at IGN DC. 2023/02/07: dissemination started in Sep. 2021 at IGN ( <a href="/pub/doris/data/ja3/NRT/">/pub/doris/data/ja3/NRT/</a> and <a href="/pub/doris/products/orbits/ssa/ja3/NRT/">/pub/doris/products/orbits/ssa/ja3/NRT/</a> )	Pascale Ferrage	05/04/2019	01/04/2021	closed
GB_19_13	GB	new GGOS Joint Study Group	provide the GB with charts, Terms of Reference, member list when they are available		Denise Dettmering	30/09/2019	01/04/2020	closed
GB_19_14	GB	DOI for reports	ask Daniela Thaller if DOI are assigned to IERS report and how	2019/09/30: IDS would like to assign DOI for IDS Reports.	Laurent Soudarin	30/09/2019	01/04/2020	closed
GB_19_15	GB	Chip-scale atomic clock	send summary of discussion with USNO on new technology to the GB	2019/09/30: follow-up GB_18_27	Frank Lemoine	30/09/2019	01/04/2021	closed
GB_19_16	GB	DGFI application for AAC	send letter of acceptance to Florian Seitz	2019/10/16: letter sent to Florian Seitz	Frank Lemoine + Laurent Soudarin	30/09/2019	01/04/2020	closed
GB_19_17	GB	IDS stations	meet Stelios Mertikas at OSTST and encourage participation to IDS and data analysis	2019/09/30: Crete (Mertikas's proposal) is serious option to replace Dionysos.	Frank Lemoine	30/09/2019	31/10/2019	closed

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_19_18	GB	IDS stations	draft a call for proposal, with documented criteria for installation	2020/11/24: first draft shared with Frank and Jérôme before the summer 2022/04/27: call sent out (Dorismail 1317)	Guilhem Moreaux	30/09/2019	01/04/2021	closed
GB_19_19	GB	Strategic plan	push people to get the paragraphs	2023/02/07: distribute Marek's slides to GB and organize a working session to decide further actions	Frank Lemoine + Laurent Soudarin	30/09/2019	18/04/2023	open
GB_19_20	GB	IDS Workshop 2020	identify specific topics and people IDS wishes for invited presentations	closed and replaced by GB_20_01 for IDS Workshop 2021	Frank Lemoine + Laurent Soudarin	30/09/2019	01/04/2020	closed
GB_19_21	GB	DORIS special issue	ask AWG's members for expression of interest in submitting articles for an DORIS/ITRF2020 special issue		Frank Lemoine + Laurent Soudarin	30/09/2019	01/04/2021	closed
GB_19_22	GB	CC products	clarify naming conventions and propose a solution	2020/11/24: not only CC products but also AC products; to be done before ITRF2020 publication 2023/02/06: to be discussed with Guilhem 2023/02/14: status?	Guilhem Moreaux + Laurent Soudarin	30/09/2019	01/04/2021	open
GB_20_01	GB	IDS Workshop 2021	identify specific topics and people IDS wishes for invited presentations		Frank Lemoine + Laurent Soudarin	24/11/2020	01/04/2021	closed
GB_20_02	GB	IDS activity report	send the call for contributions to IDS Activity Report 2019-2020 with deadline on February 28, 2021	mail sent out on December 18.	Central Bureau	24/11/2020	31/12/2021	closed

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_20_03	GB	Strategic plan	write the text of the strategic plan	see GB_19_19	Pascale Ferrage, Frank Lemoine, Laurent Soudarin	24/11/2020	01/02/2021	closed
GB_20_04	GB	implementation plan	write the details of the implementation plan	see GB_19_19	Pascale Ferrage, Frank Lemoine, Laurent Soudarin	24/11/2020	31/03/2021	closed
GB_20_05	GB	contribution to ITRF2020	send an e-mail to the AACs to remind that their contribution are still welcome.		Guilhem Moreaux	24/11/2020	31/12/2020	closed
GB_20_06	GB	CDDIS access protocol	contact Christophe Jouan to get informed about the CNES issues with the new exchange protocol, and try to find a solution.		Pat Michael	24/11/2020	15/01/2021	closed
GB_20_07	GB	CDDIS access protocol	organize a meeting with Pat and Jérôme to define the actions about quality control		Pascale Ferrage, Laurent Soudarin	24/11/2020	31/01/2021	closed
GB_20_08	GB	DORIS day 2021	organize the DORIS school 2021 planned for May/June.		Central Bureau, Analysis Coordination, Ernst Schrama, Frank Lemoine	24/11/2020	31/03/2021	closed

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_20_09	GB	DORIS special issue	leads the first steps, community consultation, and research of the journal and co-editors		Frank Lemoine	24/11/2020	31/01/2021	closed
GB_20_10	GB	User survey	solicit the GB members to prepare the user survey 2021	2023/02/07: submit survey to GB before the meeting Feb 13. 2023/02/13: item not added to the agenda of the GB meeting, already full. See if Committee "DORIS days 2023" can suggest updates.	Central Bureau	24/11/2020	01/04/2023	open
GB_20_11	GB	IDS and social networks	evaluate the creation of a LinkedIn account for the IDS and its regular supply of information	2023/02/07: need of a communications and outreach manager?	Central Bureau	24/11/2020	01/06/2023	open
GB_20_12	GB	Beacon equipment impact on geodetic results	submit to CNES the proposal of a dedicate beacon for campaigns to test the impact of beacon material on geodetic results	work in progress at CNES	Guilhem Moreaux	24/11/2020	31/12/2021	closed
GB_21_01	GB	Committee to revise the Terms of reference	propose Allison Craddock to join the committee		Frank Lemoine + Laurent Soudarin	26/01/2021	31/12/2021	closed
GB_21_02	GB	DORIS special issue	send out a message to the community		Denise Dettmering and Ernst Schrama	26/01/2021	30/06/2021	closed

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_21_03	GB	DORIS special issue	announce the DORIS special issue by DORISmail, on the website and in the next Newsletter issue		Central Bureau	29/06/2021	11/10/2021	closed
GB_21_04	GB	DORIS Days 2021	Distribute second announcement	Done	Laurent Soudarin	12/10/2021	30/10/2021	closed
GB_21_05	GB	DORIS Days 2021	Refine Schedule for test session	Done	Doris Days Committee	12/10/2021	30/10/2021	closed
GB_21_06	GB	DORIS Days 2021	Set deadline for registration	Done	Laurent Soudarin	12/10/2021	30/10/2021	closed
GB_21_07	GB	DORIS Days 2021	Continue dissemination at different universities		Doris Days Committee	12/10/2021	30/10/2021	closed
GB_21_08	GB	IDS workshop 2022	Ask the committee members if they are still okay with taking on this role	Done	Frank Lemoine	12/10/2021	30/10/2021	closed
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	closed
GB_21_10	GB	Analysis Centers	Arrange meetings with INA, ESA, GFZ to discuss current activities		Guilhem Moreaux	12/10/2021	31/01/2022	closed



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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	see GB_19_08	Frank Lemoine	12/10/2021	31/01/2022	closed
GB_21_12	GB	Committee DOI	Arrange meeting of the Committee DOI		Laurent Soudarin	12/10/2021	18/10/2021	closed
GB_21_13	GB	GB meeting	Arrange next GB meeting in February 2022	Done in March 2022	Central Bureau	12/10/2021	31/12/2021	closed
GB_22_01	GB	call for IDS station	complete the evaluation criteria of the responses and define the next steps		Jérôme Saunier, Frank Lemoine, Guilhem Moreaux	08/07/2022		closed
GB_22_02	GB	Elections in fall 2022	set up the nominating committee	Nominating Committee: Frank, Pascale, Claudio	Laurent Soudarin	08/07/2022		closed
GB_22_03	GB	Elections in fall 2022	Ask IAG EC (or Zuheir) to appoint a rep. for 2023-2026		Laurent Soudarin	08/07/2022	01/06/2023	open
GB_22_04	GB	DORIS special issue	discuss with authors what is reasonably possible		Frank Lemoine and Guilhem Moreaux	08/07/2022		closed
GB_22_05	GB	IDS Workshop 2022	send reminder to IGS, ILRS and IVS mailing lists	Done on July, 12 (see dorismail 1326)	Pat Michael	08/07/2022		closed
GB_22_06	GB	Continuation of the DORIS Days event	list status of the AC software	see GB_19_02	Hugues and Petr	08/07/2022		closed

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GB_22_07	GB	NRT data	provide other satellites (S6A, S3-A&B, HY2-C&D, ...)	2022/02/11: data will be at IGN DC only ask to keep only the last month. see possible latency improvements the WG must tell us if it is worth it to gain 30mn, then we will see on the CNES/CD side if we can do it 2023/02/07: in progress for S3-A&B, S6-A. No Diode on HY-2C&D 2023/02/13: discussed in GB meeting Feb. 13. No additional request.	Arnaud Sellé	02/11/2022	01/06/2023	open
GB_22_08	GB	New groups	Contact each group individually, propose dedicated meetings: india, Greece, Bonn, Chili, Argentina		Laurent Soudarin	02/11/2022	31/03/2023	open
GB_22_09	GB	Continuation of the DORIS Days event	Discussion LS, JS, FL, GM meeting virtual to discuss end of November	Summer school with data analysis training? 2023/02/13: A committee is set up: Karine, Arnaud, Laurent, Petr, Frank, Laura. It will meet online every two weeks from early March with the plan to organize an event in fall 2023.	Laurent Soudarin	02/11/2022		closed
GB_22_10	GB	GB meeting	organize a meeting after the elections	Scheduled on Feb. 13, 2023	Laurent Soudarin	02/11/2022		closed
BC_23_01	BC	AWG	Contact Petr to organize next AWG meetings	done; will be discussed at GB meeting 13/02/2023	Guilhem Moreaux	31/01/2023		closed
BC_23_02	BC	DOI	determine needs of DOI for IDS products, documentation, ...		Central Bureau	07/02/2023	31/03/2023	open
BC_23_03	BC	IUGG 2023	propose abstract for IDS 20th anniversary in IAG session G01		Frank Lemoine	31/01/2023	13/02/2023	open

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BC_23_04	BC	IUGG 2023	ask Denise if she plans a presentation in IAG session G06	2023/02/13: Denise is considering this eventually, but does not confirm yet.	Laurent Soudarin	31/01/2023		closed
BC_23_05	BC	IDS article	propose a plan of the article		Frank Lemoine	31/01/2023	31/03/2023	open
BC_23_06	BC	IDS stations	prepare questions to the two pre-selected groups; to be presented to the GB meeting on Feb. 13	2023/02/13: questions presented at the GB meeting	Jérôme Saunier, Frank Lemoine, Guilhem Moreaux	31/01/2023	13/02/2023	closed
BC_23_07	BC	IDS stations	send questions to the two pre-selected after GB meeting on Feb 13, and organize online meetings from mid-March		Laurent Soudarin	31/01/2023	20/02/2023	open
BC_23_08	BC	ITRF2020	prepare a DORISmail about IDS contribution to ITRF2020 with DOIs of the article and the combined solution		Frank Lemoine	31/01/2023	31/03/2023	open
BC_23_09	BC	Newsletter	write an article about Cryosat's 12th anniversary		Frank Lemoine, Ernst Schrama	31/01/2023	24/02/2023	open
BC_23_10	BC	Newsletter	write article of the DORIS contribution to ITRF2020	2023/02/10: article provided	Guilhem Moreaux	31/01/2023	24/02/2023	closed
BC_23_11	BC	Newsletter	write article about Höfn with comparaison DORIS/GNSS		Jérôme Saunier, Guilhem Moreaux	31/01/2023	24/02/2023	open

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BC_23_12	BC	NRT data	ask Denise if interest in Cryosat-2 and Saral NRT data	2023/02/13: interested, especially in Cryosat because of tis orbit, but not a priority for now.	Laurent Soudarin	31/01/2023		closed
BC_23_13	BC	SWOT	prepare a DORISmail about DORIS/SWOT with Cécile Manfredi		Laurent Soudarin, Arnaud Sellé	31/01/2023	31/03/2023	open
BC_23_14	BC	POE-F orbit	distribute TOPEX POE-F orbits		Laurent Soudarin, Arnaud Sellé	31/01/2023	28/02/2023	open
BC_23_15	BC	IGN DC	ask Jérôme the contact details of Pierre Touchent, IGN data Center	done	Arnaud Sellé	31/01/2023		closed
GB_23_16	GB	AWG fall 2023	ask Arnaud Pollet and Samuel Nahmani if IGN AC can host the meeting		Jérôme Saunier	14/02/2023	18/04/2023	open
GB_23_17	GB	DORIS days 2023	organize online committee meetings every two weeks		Laurent	14/02/2023	15/09/2023	open