June 29, 2021



IDS GB meeting

AGENDA:

DORIS system Postponement of the IDS workshop in 2022 / new event in 2021? IDS contribution to ITRF2020 DORIS special issue IDS reports Newsletter

MAIN DECISIONS:

-IDS workshop postponed in March 2022 -DORIS day in November 2021, set up of an organization committee

ATTENDEES:

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

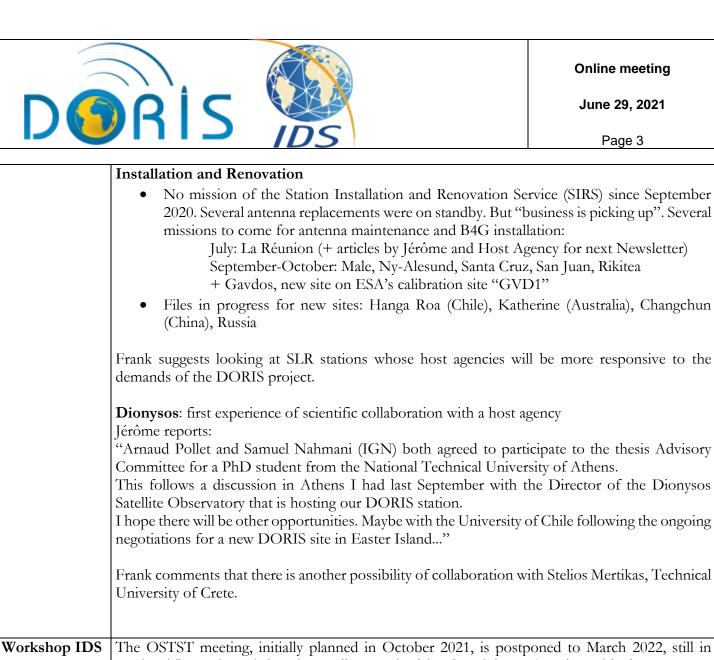
« Ex-officio » member: Denise Dettmering





Actions list Concerned in							
Actions list	Actions listSee appendixThe list was not reviewed during the meeting.						
DORIS system	Missions (Pascale)						
and Network							
	• Successful launch of the Chinese satellite HY-2D on Wednesday, May 19, 2021. Same						
	orbit as HY-2C (958 km, 66°)						
	8 satellites currently in operation. 17 missions have contributed to IDS since 1990.						
	• Future missions:						
	SWOT (2022), Sentinel-3C (2023), Sentinel-3D, Sentinel-6B (2025)						
	DORIS waiting for approval for the next HY-2E/F/G/H T = $1 - \frac{1}{2} = \frac{1}$						
	To be confirmed: ESA's mission CRISTAL (2 satellites) for glaciology and oceanography Sentinel New G						
	NRT Jason3 DORIS DATA (RINEX) & Orbits from DIODE (sp3) (Pascale) First feedback from the NRT WG (sent by Denise, May 6):						
	• few remarks mainly related to the file structure on the server. Under consideration, but these changes will not be easily achieved.						
	• the latency (2-4h) is very promising. DORIS can significantly contribute to the ultra-rapid modeling along with GNSS. By concerning the data distribution of DORIS, it can significantly mitigate the problem caused by the fluctuations in the number of GNSS receivers providing hourly data.						
	Denises says the first results from the integration of the data in DGFI-TUM's ionospheric models should be given in October.						
	 System (Pascale) ADM-x, the future new DORIS receiver deep evolutions: lower recurrent cost, slight reduction of size and weight, same performances, and scalable work in stand-by pending confirmation of future missions with DORIS onboard. 						
	 Mixed DORIS and GNSS receiver: R&T study still in progress since 2017, demonstrator phase planned for the end of 2021 (duration 2 years) 						
	 manufacturing of an electrical model and performances assessments planned for 2023 						
	Network (based on Jérôme's inputs) Badary: Restarting of the station on April 28, 2021, after 3 years of stop! -New agreement CNES/IGN/INASAN/IAA -Reactivation by Host Agency -Numerous measurement interruptions found after the return to service of the DORIS station. The stand-by mode is used during each VLBI observations sessions. The BdRAO (Institute of Applied Astronomy) responded favorably to Jérôme to revise the question of DORIS compatibility with VLBI following their equipment upgrade to VGOS (VLBI2010 system) as they have done with the legacy VLBI (RT-32).						
	have done with the legacy vibi (K1-52).						

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The OSTST meeting, initially planned in October 2021, is postponed to March 2022, still in Venice. The IDS workshop is usually organized by CNES in conjunction with the European edition of the OSTST meeting. There is a possibility to postpone the Workshop in March 2022 too, from the 21st to the 23rd, only possible period at the convention center in the first half of the vear. The GB agrees that the Workshop will be held on these dates, even though other important

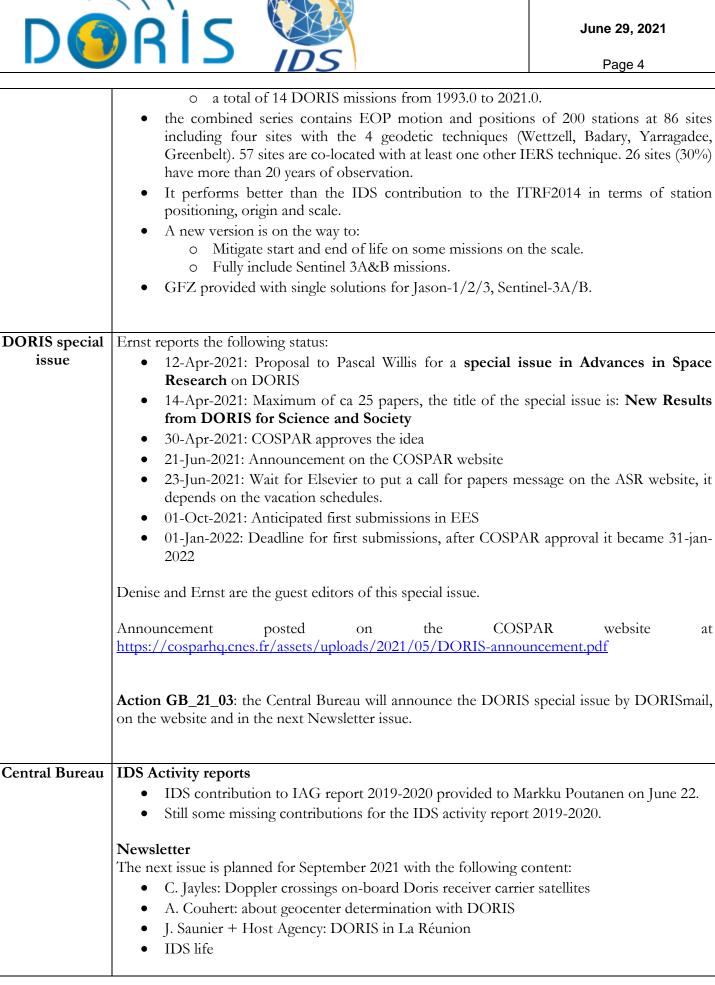
events will take place at that time (IVS General Meeting 24-26 March, EGU general assembly 3-8 April). There are doubts about the possibility of travel for the usual participants. That is why the GB asks the organization to study solutions to broadcast the sessions live or to record them. The objective is to organize a hybrid workshop.

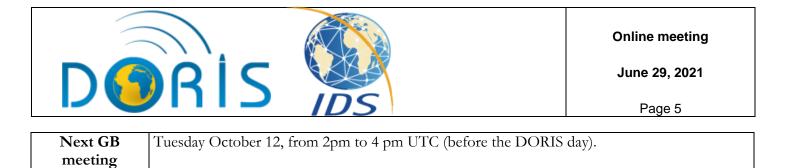
Other ideas have been expressed: pre-recorded presentations, Q&A sessions.

DORIS day Because of the postponement of the Workshop, it is proposed to organize a DORIS Day in Fall 2021, probably in November. Even though this event cannot be held face-to-face, the GB feels it is important for IDS to move forward after two years without interaction with the community. An organization committee is set-up: Frank (lead), Karine, Ernst, Pascale, Jérôme (TBC), Guilhem, Laurent. The first meeting will be held online on July 6, from 2pm to 4 pm UTC.

IDS	Guilhem gives the following status:						
contribution to ITRF2020	 the IDS contribution to ITRF 2020 is based on: o 4 solutions (ESA, GOP, GRG, GSC) from 4 different software packages (Napeos, Bernese, Gins-Dynamo, Geodyn, respectively) 						

at







Appendix: action list

New actions

#	Orgin	Title	Action	Answer	Resp.	Opening date	Deadline	status
GB_21_03	GB	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	open