



IDS REPORT 2025

IERS Directing Board Meeting

November 13, 2025

DORIS



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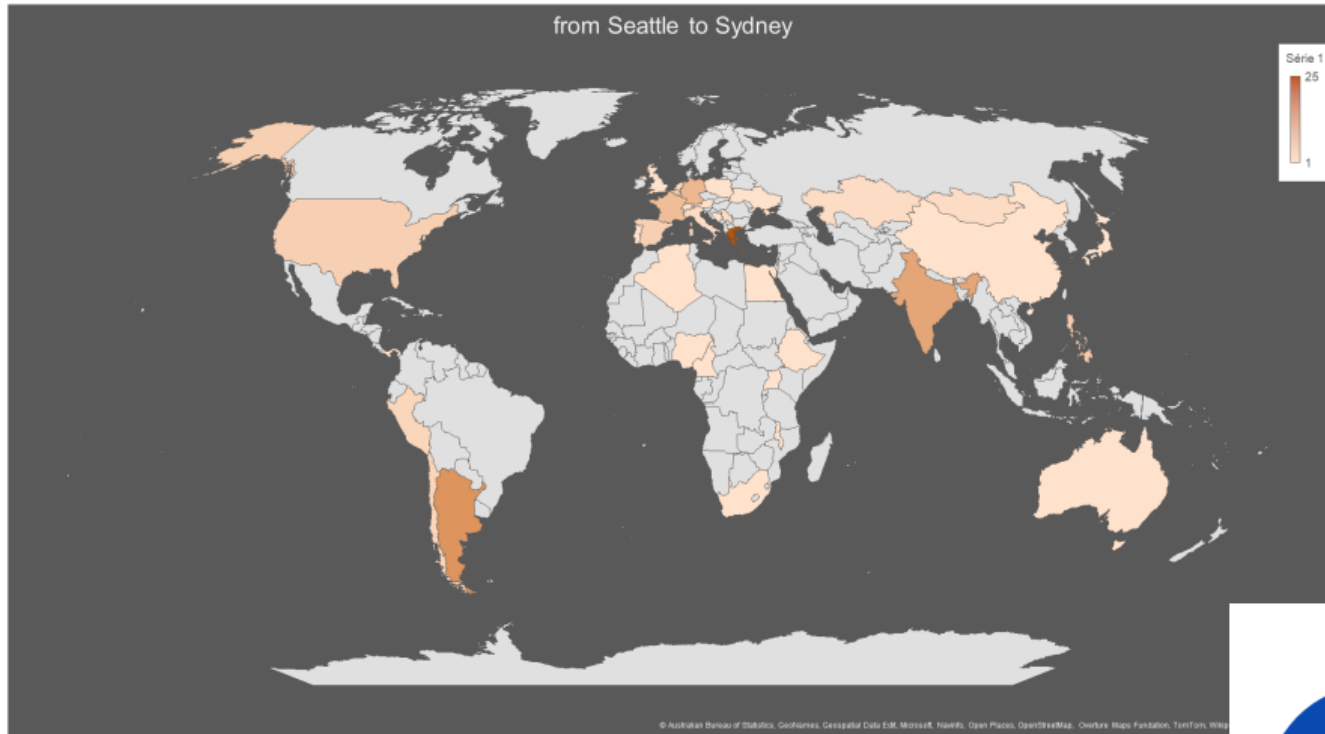
IDS Website : new version

- ❑ New version published in May
- ❑ New structure to make the website clearer to users
- ❑ Six sections: IDS, Network & Station, Missions & System, Data & Products, User corner, Resources
- ❑ No more than 2 levels (section > level 1 > level 2)
- ❑ Redirections from a selection of previous URLs • Some new features: day convertor, maps of visibility circles and tracks, ...

Events

- ❑ DORIS days meeting in Athens, November 3-5 2025
- ❑ IDS AWG meeting in Athens, November 6-7 2025 (presentations available at ids-doris.org)
- ❑ Next IDS event: IDS Workshop in conjunction with OSTST Meeting 2026 in Wiesbaden, Germany, 22-26 June

DORIS Days 2025

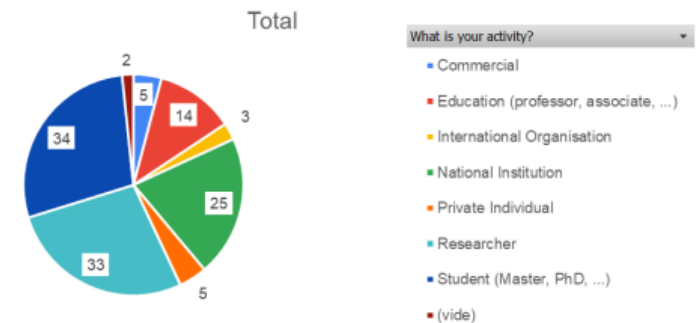


Greece	25	Algeria	1
Argentina	14	Australia	1
India	11	Austria	1
Germany	8	Bosnia and Herzegovina	1
France	7	Cameroon	1
Belgium	5	China	1
Philippines	5	Egypt	1
Spain	4	Ethiopia	1
USA	4	Japan	1
Chile	3	Malawi	1
Netherlands	3	Nigeria	1
Peru	3	Panamá	1
Italy	2	Poland	1
Kazakhstan	2	Portugal	1
Mongolia	2	South Africa	1
Serbia	2	Switzerland	1
		Uganda	1
		Ukraine	1
		UK	1

121 registered from 35 countries

Attendees: Monday ~80

Wednesday ~40 online, 25 on site

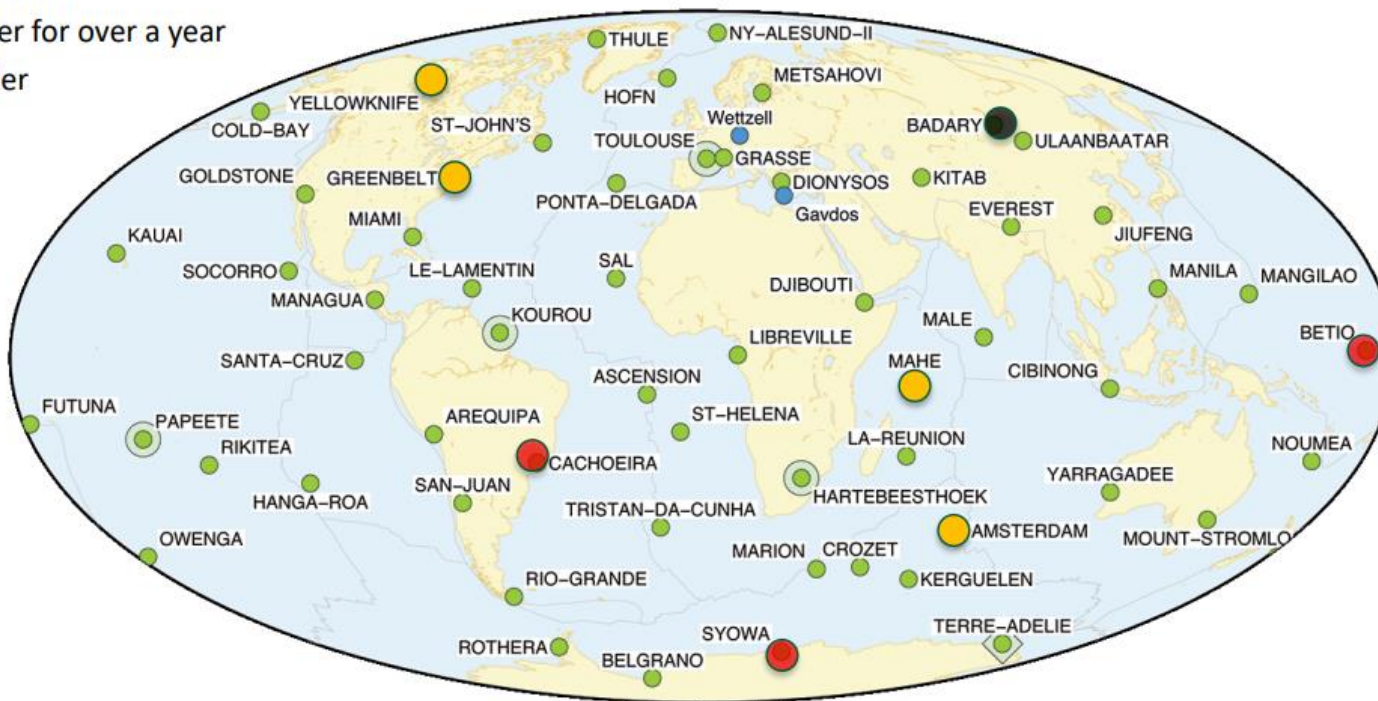


Two days of lectures and hands-on sessions on November 3 & 5

Network Operational Status

61 stations of which: 7 beacons are out of order and 1 decommissioned

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Network Availability 2024-2025 87% average rate of stations in operation over the last two years

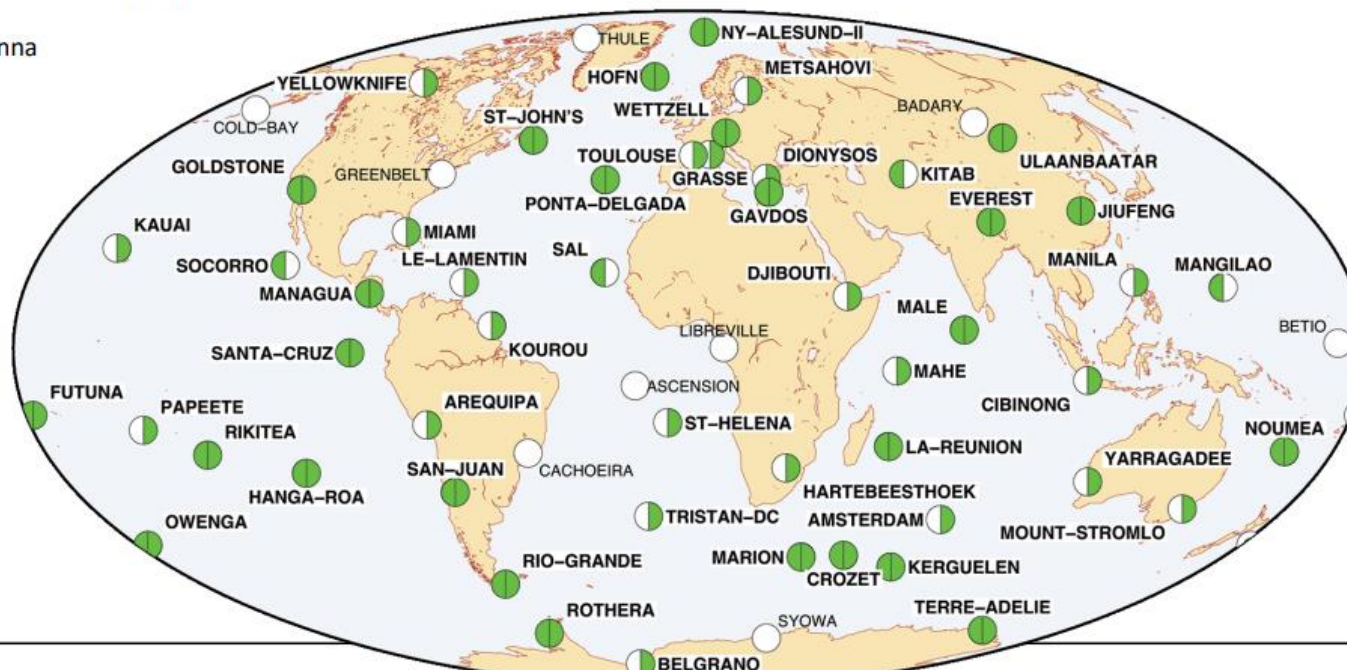
Latest generation equipment deployment

Gradual improvement in network robustness and performance

46 beacons B4G deployed in 6 years

Half of the network equipped with Starec-C antenna

-  Starec-C antenna
-  B4G beacon

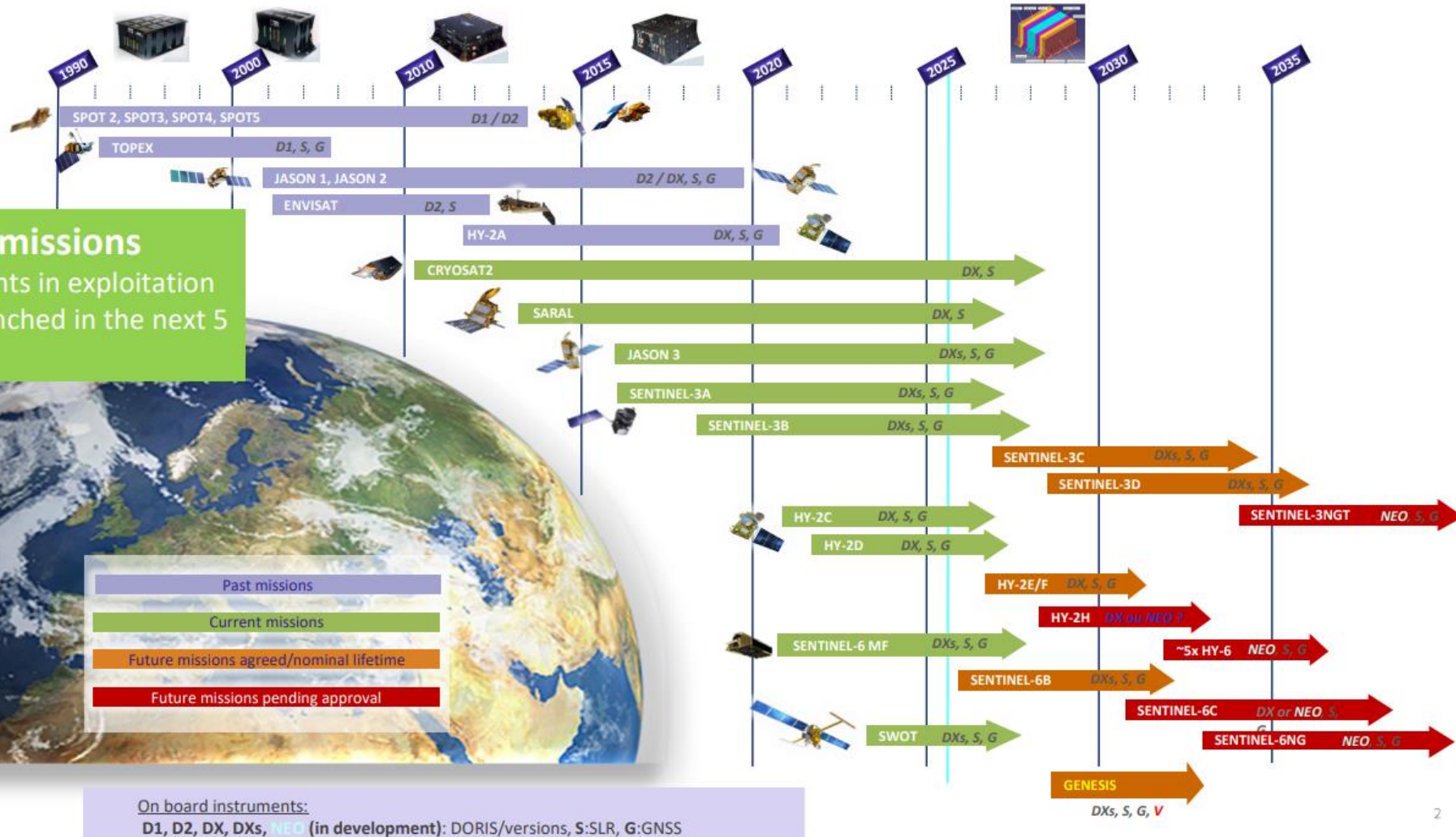


Active Co-location

- ❖ GNSS 52 sites
- ❖ SLR 11 sites
- ❖ VLBI 8 sites

2025	Station	Event
Jan.	ADHC	Terre Adélie
	JIWC	Jiufeng
Feb.	BEMB	Belgrano
Apr.	LAPB	Le Lamentin
May	KEZC	Kerguelen
	LICB	Libreville
June		Kazakhstan
Sep.	RISC	Rio Grande

CONSTELLATION DORIS



Next DORIS mission: Sentinel-6B on November 17, 2025 then HY-2E and Sentinel-3C in 2026

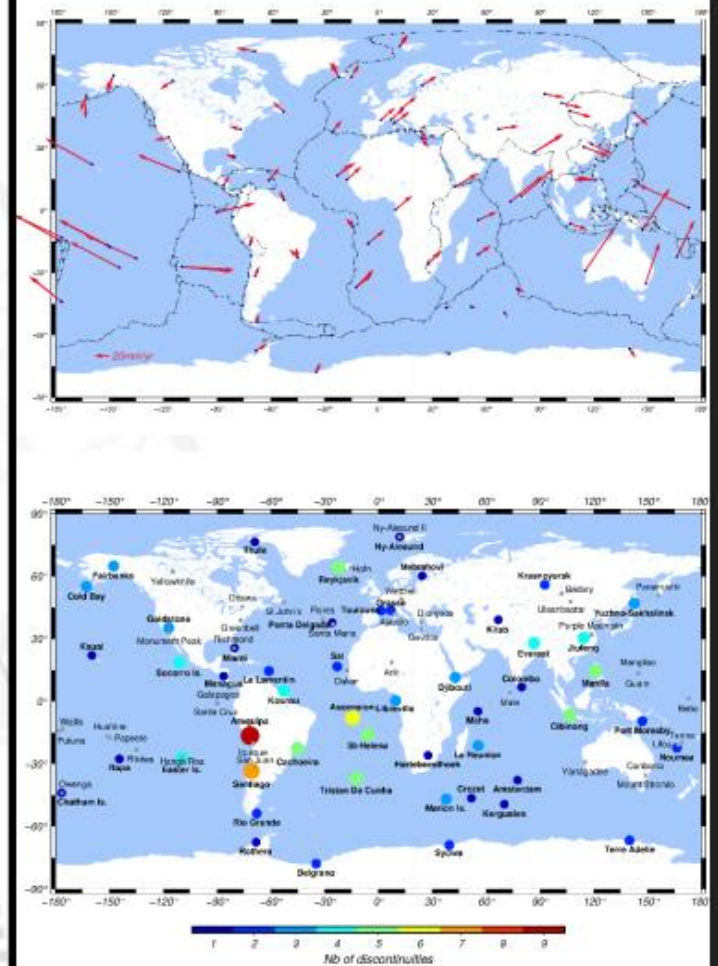
IDS25d002 solution and DPOD 2020 v 5.0

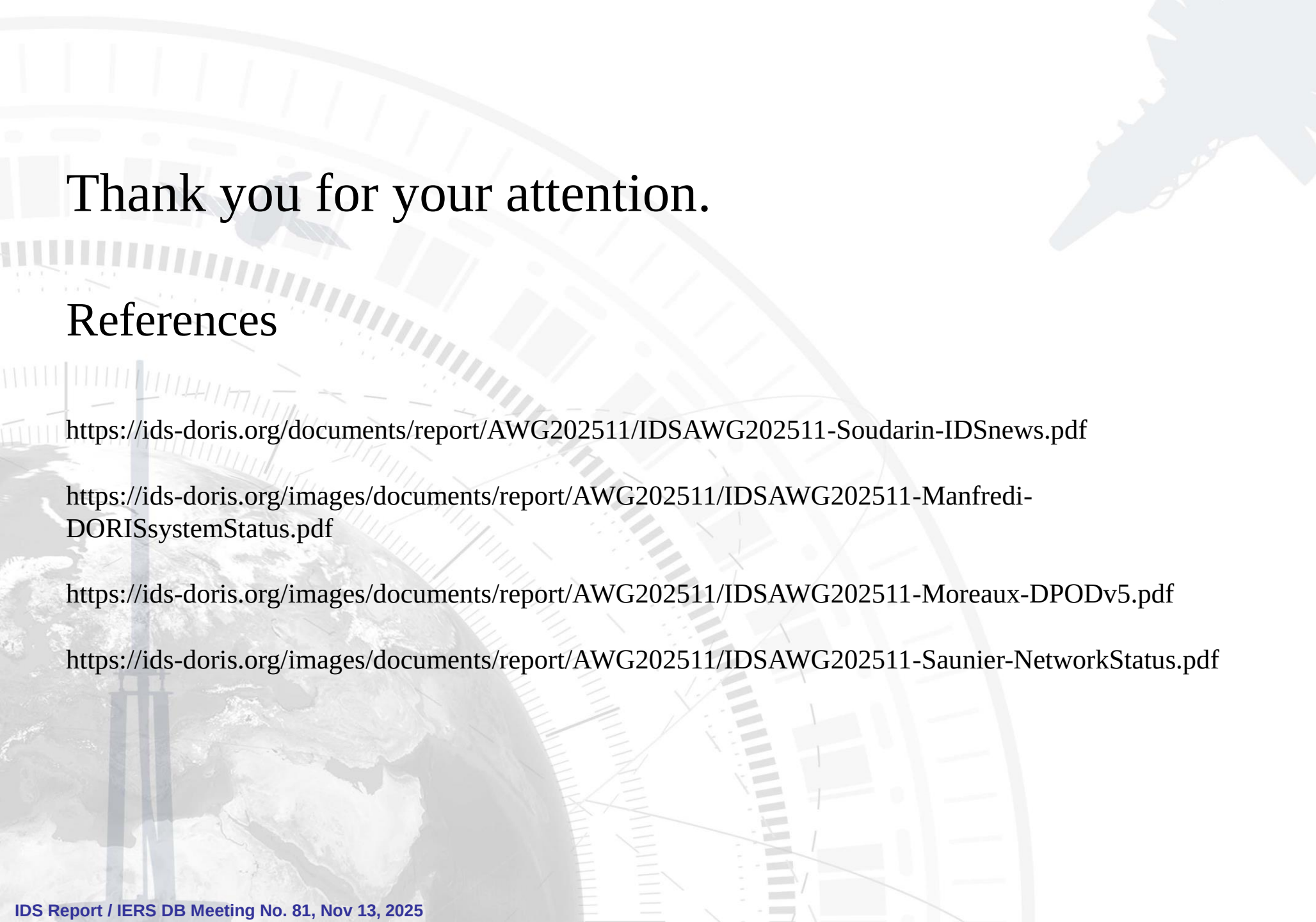
The ids25d02 position and velocity cumulative solution:

- Is the output of the stacking of the IDS combined series ids 19/26 from 1993.0 to 2025.5.
- Is aligned onto ITRF2020-u2023.
- Includes annual and semi-annual station position corrections.
- Periodic terms are only estimated for sites with observations after mid-2002 and with at least two years of observations.

Internal evaluation of ids25d02 did not reveal any issue → realization of DPOD2020 v5.0 will start soon.

DPOD2020 v5.0 may be released before AGU 2025.





Thank you for your attention.

References

<https://ids-doris.org/documents/report/AWG202511/IDSAWG202511-Soudarin-IDSnews.pdf>

<https://ids-doris.org/images/documents/report/AWG202511/IDSAWG202511-Manfredi-DORISsystemStatus.pdf>

<https://ids-doris.org/images/documents/report/AWG202511/IDSAWG202511-Moreaux-DPODv5.pdf>

<https://ids-doris.org/images/documents/report/AWG202511/IDSAWG202511-Saunier-NetworkStatus.pdf>