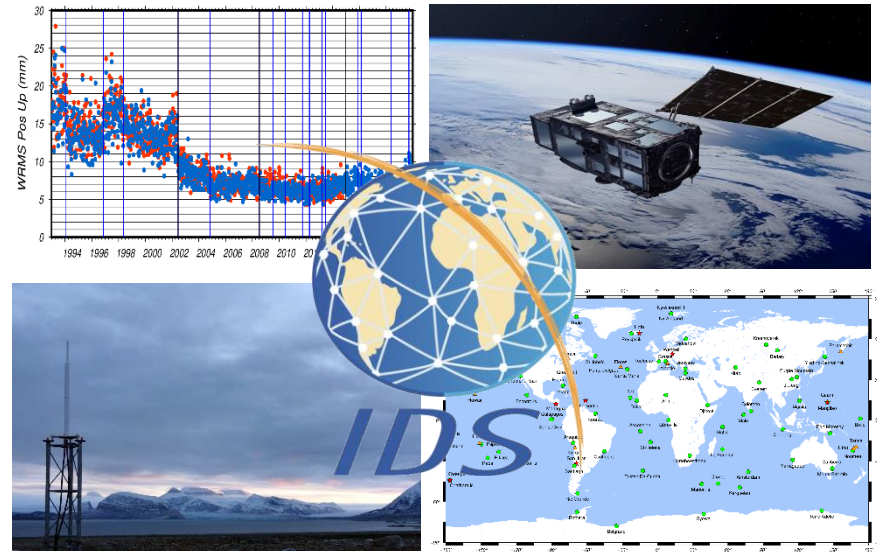


IDS Contribution to the ITRF2020 Update

Guilhem Moreaux (CLS)





ITRF2020 Updates

On June 1st, 2023, the IERS initiated a call for participation for ITRF2020 updates.

« The ITRS Center proposes to update the ITRF2020 at a regular yearly interval, by adding and accumulating extended time series, and therefore solicits the contribution of the four Technique Centers ».

« For this first update, the ITRS Center solicits input from the IERS TCs who are requested to provide time series covering the period 2021.0-2024.0, to be delivered by February 10th, 2024. »

« The TCs are invited to adhere to the same models and strategy used in their contribution to the ITRF2020 »

« However, the TCs are free to use updated models that are judged to be superior, improved and more accurate than models used for the ITRF2020 contribution.»



IDS Time Schedule

- **Sep. 30, 2023: Delivery of 2021 for test to the IDS CC.**
- **Oct. 31, 2023: Delivery of 2021.0-2023.5 to the IDS CC.**

IDS AWG

- **Dec. 15, 2023: Delivery of 2023.5-2023.75 to the IDS CC.**
- **Feb 02, 2024: Delivery of 2021.0-2023.5 by the IDS CC to the IERS.**
- **Feb 16, 2024: Delivery of 2023.75-2024.0 to the IDS CC.**
- **Mar 15, 2024: Delivery of 2023.5-2024.0 by the IDS CC to the IERS.**



IDS AC & Associated AC Series

AC	Series	Comments
ESA	16	From 2021.0 to 2023.75. Evaluation of the way.
GOP	69	From 2021.0 to 2023.0. New Earth gravity field (GRGS RL05).
GRG	53	Operational series.
GSC	54	From 2016.0 to 2023.7. New Earth gravity field (GRGS RL05).

GFZ	Single	Cryosat-2, Jason-3, Saral, Sentinel-3A/3B from 2020.0 to 2023.0 Sentinel-6A from 2021.0 to 2023.0
	01	From 2020.0 to 2023.0 – All satellites with single satellite solutions.
IGN	Single	Cryosat-2, Jason-3, Saral, Sentinel-3A/3B over 2021
	01	Over 2021. With and without Saral
INA	11	From 2021.0 to 2023.5. INA 10 + Sentinel-3A/3B



Open Issues

Contribution of HY-2C/2D and Sentinel-6A on the multi-satellite solution scale.