



GSICS Data Working Group

21/01/2026

GDWG teleconf on GSICS Products

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Topics:

- **Status of GSICS products and future prospects.**
- **EUMETSAT discontinuation of generation and archiving of GSICS VIS-NIR and IR products.**
- **MATRICES monitoring instrument**
- **From THREDDS to EUM Data Store**
- **AOB**

Status of GSICS Products

Status of Product Catalogue

NOAA Catalog

<https://www.star.nesdis.noaa.gov/smcd/GCC/ProductCatalog.php>

Thredds dataserer

- [Dataserer EUMETSAT](#)
- [Dataserer NOAA](#)
- [Dataserer CMA](#)

Intro

The systematic generation of calibration corrections to Level 1 data is the initial focus and the main end product of GSICS. **Lately, this GSICS product has not been widely used by the satellite operator community for intercalibration activities between different missions.** GSICS, therefore, needs to create a new type of product that is more useful and widely used for intercalibration activities (replacing calibration coefficients ??), something more comprehensive and user-friendly.

- **Shift from static calibration coefficients to intercalibration assessment, diagnostics, and benchmarking**
- **Provide bias, stability, uncertainty, and traceability information**
- **Use GSICS Reference Instruments as continuous benchmarks rather than correction generators**
- **Deliver products via user-friendly Dashboards, APIs, and toolkits**
- **Support harmonization guidance and monitoring**

Facts and Questions

- **EUMETSAT discontinues its GSICS VIS-NIR and IR products generation and storage**
- **MATRICS is assumed as operational monitoring tool (instead of just coefficients)**

Seed Questions

What is the format in which the monitoring be disseminated now. For example, would the GSICS coefficients be embedded in the L1 data file itself. This is already done by EUMETSAT(JMA maybe) but not from other agencies (I think) . We need plans for different scenarios.

When EUMETSAT discontinues the product generation what would the other agencies do?. If all take the same decision then we would have to plan another portal where we connect our data sets, for example would MATRICS be extended to incorporate monitorings from other agency satellites?, or we empower the GPRCs and make that discoverable?

The key goal is the make the GSICS adjustments discoverable and applicable whenever wherever needed. This would help reduce overhead on agencies.

Next steps?

Do we need a new protocol - Best Practicise for GSICS Products (intercalibration “correction files”).

-Take advantage of the work done in the past – see e.g. presentations from Manik and Tim e.g on **SOS Status of Observing System**

- starting from the already existing **GPPA GSICS Procedure for Product Acceptance**

<https://www.star.nesdis.noaa.gov/smcd/GCC/qa-gppa.php>

- Any inputs from GRWG ?

From THREDDS to EUM Data Store

- **Last teleconf 23 May 2025**
- **(MoM : [https://gsicsweb.eumetsat.int/wp-content/uploads/2025/11/GDWG MoM 20250523.pdf](https://gsicsweb.eumetsat.int/wp-content/uploads/2025/11/GDWG_MoM_20250523.pdf))**
- **Activities put on hold by EUM GSICS tag-up teleconf on 27 May 2025.**

AOB

GSICS Annual Meeting preparation 23-27 March 2026 in Ottawa, Canada.

<https://gsicsweb.eumetsat.int/meeting/2025/09/gsics-annual-and-executive-panel-meeting-23-27-march-2026-ottawa/>

Proposed Agenda

Time		Sessions		
Day 1	Morning	Mini conference		
23,03	Afternoon	SWx	VISNIR + Lunar PM	
Day 2	Morning	VisNIR + Lunar AM		
24,03	Afternoon	IR PM	MW PM	UVN-S PM
Day 3	Morning	UVN-S AM	MW AM	
25,03	Afternoon	visits		
Day 4	Morning	IR AM	GDWG	
26,03	Afternoon	Agency reports 10-minute pre-recorded using template in 12 minute slots		
Day 5	Morning	Cross-Cutting (WG Briefings)		
27,03	Afternoon	EP meeting		

...in March 2025

GDWG Breakout Session (Day 4 Thu 20 March)			
Chair: Paolo Castracane /Co-Chair Manik Bali Minutes: Manik Bali			
Time	Title	Presenter	
09:00	Welcome remarks from GDWG Chair	Paolo Castracane (in person)	11a
09:15	WMO – status of GSICS WMO website	Heikki Pohjola (in person)	11b
09:30	KMA GDWG Report	Hanbyul Lee (remotly)	11c
09:45	JMA GDWG Report	Masaya Takahashi (in person)	11d
10:00	CMA GDWG Report - extended talk including CMA Server status	Lin Tian (remotly)	11e
10:30	IMD GDWG Report	Asim Mitra (in person)	11f
10:45	NOAA GDWG Report	Manik Bali (in person)	11g
11:00	EUMETSAT GDWG Report	Simon Elliott (in person)	11h
11:15	ESA GDWG Report	Paolo Castracane	11i
11:30	Topics Discussion: GSICS Data and Product server (current status); Data Conventions and Versioning; SOS Report; Jupiter Notebook in GSICS.	All	11j
GDWG Additional Session (Day 2 Tue 18 March)			
Chair: Paolo Castracane /Co-Chair Manik Bali Minutes: Manik Bali			
Time	Title	Presenter	
16:00	GSICS Data and Product Server - migration	Luca Garegnani (remotly)	11k
16:45	Discussion	All	

THANK YOU