Status review of CGMS-53 actions and recommendations, and any CGMS-53 plenary actions relevant to WGI

Presented to CGMS-54 WG-I session, agenda item 8.5

Coordination Group for Meteorological Satellites

EUMETSAT CGMS

Executive summary of the WP

This presentation provides a status of WGI actions and recommendations in the lead up to CGMS-54.

The purpose is to:

- Review all existing actions and update them based on the inputs and discussions throughout today's WGI meeting

Coordination Group for Meteorological Satellites

EUMETSAT CGMS

Action items review – RFI (1/3)

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
TGRFI	3.1	WGI/A 51.04	Analyse the inputs provided by CMA, EUMETSAT, KMA and NOAA on spectrum concerns and activities on RFI detection, monitoring and mapping, and pursue the establishment of a draft set of best practices, based on the common aspects of the approaches already adopted by members.	**2025 Mar 25 (WGI): WGI agreed to present to plenary the work to CGMS-53 Plenary as a "Guidance report on RFI Detection, Monitoring, and Mapping for Remote Passive Sensors" for information / analysis** 2025 Feb 11: Best practice will be presented in WGI meeting. 2024 Nov 26: Best Practices for RFI. The group has determined that 2 BPs are needed - passive sensor RFI (which will be addressed in BP being worked on at the moment) + active sensors (which will be addressed in a future BP) 2024 Apr 22 (WGI): The draft best practice was presented and well received. The completed best practice will be presented for endorsement in CGMS-53. 2024 Mar 15: Best Practice preparation progressing, to be finalised after intersessional on 26 March. 2024 Jan 24: A draft Best Practice is being prepared and will be presented to WGI in April. 2023 Sep 26: Action on this will be taken following first TG on RFI intersessional, expected in October 2023.	CGMS-53 Plenary	**CLOSED**	2.2.3

Coordination Group for Meteorological Satellites

EUMETSAT CGMS

Action items review – RFI (2/3)

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
TGRFI	3.1	WGI/A 51.05	Explore the potential / existing uses of AI/ML and pattern recognition in the area of RFI detection	**2025 Mar 25 (WGI): WGI agreed to present to plenary "Agency existing and future uses of AI, ML for pattern recognition in RFI detection and mitigation in remote sensors" for information / analysis** 2025 Feb 11: Progress will be presented in WGI meeting. 2024 Nov 26: AI/ML use in RF interference, detection and mitigation. A draft document has been started. It would be beneficial here to explore what each agency is already working on, that can tie into this topic. E.g. Scott Leonard is working on related topics. 2024 Apr 22 (WGI): The group will place more focus on this action in the lead up to CGMS-53. Markus highlighted that uses of AI/ML may be relevant for RFI management in view of large constellations. 2024 Jan 24: To be discussed in more detail in next intersessional. 2023 Sep 26: Action on this will be taken following first TG on RFI intersessional, expected in October 2023.	CGMS-53 Plenary	**CLOSED**	

Coordination Group for Meteorological Satellites

EUMETSAT CGMS

Action items review – RFI (3/3)

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
RFI TG	**7.2**	WGI/A53.14	Prep a "Guidance report on RFI Detection, Monitoring, and Mapping for Remote Passive Sensors" for CGMS-53 Plenary. Include clear blocks relevant to different actors to ease further distribution. Include concrete information on support/decisions needed by CGMS-53 Plenary.		CGMS - Plenary	**CLOSED**	

Action items review – RFI (3/3)

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
RFI TG		WGI/A5 3.15	Prepare a draft set of best practices for data collection system (DCS) RFI for the next cycle, based on the common aspects of the approaches already or planned for adoption by members for endorsement by CGMS-54.	***13 Apr 2026: WGI noted the excellent work on the Best Practice draft and agree it is mature enough to propose for endorsement at CGMS-54 Plenary, noting that some of the points in the best practice might be difficult to report against, so possible updates to resolve this are to be identified when the CGMS Agencies operating DCS start reporting against this best practice for the CGMS-55 cycle. If the best practice is endorsed at CGMS-54 Plenary, then regular reporting per agency against the best practice will be expected to start in the CGMS-55 cycle.*** 17 Feb 2026: Progressing and will be presented for consideration. 17 Sep 2025: Action opened.	CGMS-54 Plenary	**OPEN**	

Action items review – LLDA

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
LLDA TG	5.6	WGI/A52.02	Identify concrete CGMS actions based on the LLDA SWOT, including priority areas and demonstration cases in agencies. E.g. cloud, TT&C, relation with private sector, etc.	***13 Apr 2026 (WGI): WGI agreed to close action. TG work has concluded that no further actions required on commercial sector, data relay constellations and cloud services (refer to slide 8 of CGMS-54-EUMETSAT-WP-03). Instead, a new action is proposed to enhance the SWOT analysis for CGMS-55, including report on feasibility and applications of phased array and identification of AI applications opportunities withing the scope of the LLDA TG, in coordination with WGII.*** 2026 Feb 17: SWOT has been progressed and to be presented in WGI in April. A new action to then be opened reflecting latest proposals. 2025 Dec 12: TG looking into emerging protocols for intersatellite link. Phased array collection of information – preliminary results are that not part of OPS baseline for agencies, but test studies exist; industry is using or looking into phase array, more info to be collected. 2025 Sep 17: To be progressed, via discussion on standarisation (in collaboration with programme departments within agencies) *2025 Mar 25 (WGI): Members are encouraged to bring back proposals to the Task Group. Action remains open. The Task Group will then compare and contrast the approaches, assess scope for coordination and report on the expected user value from these plans.* *2025 Feb 11: List of questions will be sent to TG members to stimulate inputs ahead of the WGI* *2024 Nov 26: Identify concrete actions from SWOT analysis. Overlap with Future Directions themes on technological considerations being reviewed (with Kathryn Shontz, although she is moving into a new role, to be replace Chris O'Connors). Andy and Nick will work out how to prepare for next intersessional and how to progress on this, and how to bring Chris into this. It has also been realised that within the organisations, there's activities ongoing, that can be linked to this. An effort should be / is being made to collect information from within the organisation.* *2024 9 Sep: In progress. Plan is to contact future programmes. NOAA point of contact on programme side needed.*	CGMS-54	**CLOSED**	

Action items review – LLDA

Actione	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLP ref
Mikael Rattenborg	**2.1**	WGI/A53.01	Arrange a DBNet presentation in CGMS-54 WGI.	***13 Apr 2026 (WGI): DBNet presentation was presented at CGMS-54 WGI. Action closed.*** 17 Feb 2026: Arranged, will be presented in CGMS-54 WGI and can then be closed. 12 Dec 2025: DBNet meeting was held and touched on Regional Services (not detailed though). Antoine, with Nick/Simon in copy, will contact Liam about potential presentation from DBNet. 17 Sep 2025: To be brought up by Mikael in Dec 2025 DBNet meeting. How DBNet fits with future Regional Services. Additionally, Sean to ensure there is a presentation on Regional Services in the DBNet meeting. 25 Mar 2025 (WGI): Action opened.	CGMS-54 WGI	**CLOSED**	

Action items review – LLDA

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
LLDA TG	**2.1**	WGI/A53.02	Report on the status of the global data low latency acquisition best practices at the CGMS-54.	***13 Apr 2026 (WGI): WGI agreed to close, in favour of new actions. Whereas DB technologies and operational partnerships are very mature and have been operational for many years, the same is not true for (very) low latency global data acquisition. Technologies such as inter-satellite data relay, phased array ground antennas, cloud data processing and dissemination services are being investigated, but not yet operational in CGMS agencies. Operational partnerships allowing coordination of phased orbits and sharing of additional ground infrastructure in support of global data acquisition is only done to a limited extent. Conclusion is that it is premature to establish a low latency data access BP for the global mission. New actions to be opened instead on assessing the value obtained from existing global data acquisition partnerships (such as between EUMETSAT and NOAA in the sharing of Svalbard and McMurdo data acquisitions) and estimate the projected value of wider cooperations (additional agencies, additional stations). As well as a new action on identify future opportunities for coordination of LEO orbits with a view to synchronised phasing (taking into account the work of the Coordination of LEO Orbits TG: CGMS-49-EUMETSAT-WP-05 , PPT) and estimate potential value compared to uncoordinated systems. Furthurmore, the LLDA TG to keep abreast of technology developments and adoption by CGMS agencies, which will be achieved through the ongoing work on the SWOT analysis.*** 17 Feb 2026: Proposed way forward covered in the TG report to CGMS-54 WGI in April. 12 Dec 2025: TG discussed that a best practice may not be the most appropriate way, since global data cooperation is more on sharing ground infrastructure, rather than direct broadcast type of cooperation. So proposal is to have a report on the common infrastructure / collaboration on global data latency. Additionally, the WGI Chairs proposed discussing opportunities on collaboration for reduced global data latency. E.g. could the agencies cooperate further? 17 Sep 2025: To be progressed. 25 Mar 2025 (WGI): Action opened.	CGMS-54 WGI	**CLOSED**	

Action items review – LLDA

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
LLDA TG	**2.1**	WGI/A5 3.03	Review the contents of the Direct Broadcast information on the CGMS website and update as needed (Direct Broadcast – CGMS – Website).	***12 Dec 2025: Contents updated. New FY3F satellite was added. Decommissioned N18/N19 satellites were removed. Closed.*** 17 Sep 2025: To be progressed. 25 Mar 2025 (WGI): Action opened.	CGMS-54 WGI	**CLOSED**	

Action items review – Space Environment Sustainability

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
TG on Space Environment Sustainability	5.1	WGI/A50.07	Deliver a Best Practice document on Space Environment Sustainability, with supporting presentation to CGMS WGI.	***13 Apr 2026 (WGI): Work ongoing. The Task Group has been able to gather sufficient information from a subset of CGMS members to allow meaningful comparisons and analyses towards a best practices definition. Inputs have been received from CMA, ESA, EUMETSAT, JAXA, NASA and NOAA. Further inputs welcome. It is recommended to keep the action open until CGMS-55, noting that UN LTS Guideline mapping shall also be included in the deliverable document. A draft Best Practice document still to be presented, with mapping to UN Long-Term Sustainability Guidelines.*** 17 Feb 2026: Plan is to present BP in CGMS-54 WGI. 12 Dec 2025: Main target of the TG. When it comes to Space Traffic Coordination - initial inputs to table are completed, further work. 17 Sep 2025: To be progressed, main target *2025 Mar 25 (WGI): Remains open for delivery of first Best Practices document at CGMS-54* 2025 Feb 11: Same status as 26 Nov 2024. High level input on BPs provided by several agencies, but experts need to be identified to provide further inputs. 2024 Nov 26: Too early to deliver a Best Practice. Still working on gather critical mass for inputs from all agencies. A report on the activities will be included in the TG Report. 2024 Apr 22 (WGI): To be developed in the lead up to CGMS-53. 2024 Mar 15: Target continues to be CGMS-53. 2024 Jan 24: The TG activities are starting and ToR being prepared, but best practice will not be ready for CGMS-52. Target would be CGMS-53. *2023 26 Sep: Action on this will be taken following first intersessional of the TG (expected November 2023).* 2023 24 Apr (CGMS-51 WGI): Action to be kept open, and pursued by TG in the lead up to CGMS-52. This should be based on previous inputs from EUMETSAT and NOAA, and seek wider participation from CGMS agencies. 2023 21 Mar: No updates, way forward to be discussed in CGMS-51 WGI. 2023 24 Jan: No updates. Tom will follow up with Brian Walling. 2022 27 Sep: Task Group meeting to be held	CGMS-55 WGI	**OPEN**	2.6.2

Action items review – Space Environment Sustainability

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLP P ref
SES TG	**3.1**	WGI/A 53.04	Define the requirement for supplying owner/operator orbit and manoeuvre information to TraCCS and identify steps for implementation	***13 Apr 2026 (WGI): WGI agreed to close. NOAA have provided detailed information based upon their own experience, using publicly available TraCSS document links and example files from the NOAA GOES mission (a TraCSS pilot user). This should help other CGMS operators with example OCM and CDM formats before the service enters the production/public phase at a TBD date.*** 17 Feb 2026: Nothing to report yet, to be progressed. 12 Dec 2025: Nothing to report yet, to be progressed. 17 Sep 2025: To be progressed. Action triggered by the fact that orbit propagation is not coordinated between agencies (done on agency level and leading to different results, some cross-calibration may be possible). 25 Mar 2025 (WGI): Action opened.	CGMS-54 WGI	**CLOSED**	

Coordination Group for Meteorological Satellites

EUMETSAT CGMS

Action items review – Space Environment Sustainability

Actione	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLP P ref
SES TG	**3.1**	WGI/A 53.05	Produce a report on modelling of thermospheric density impacts, including intercomparison of model results, analysis and recommendations	***13 Apr 2026 (WGI): The Task Group is working on building a table of thermospheric density models and related studies to facilitate intercomparison. ESA first inputs provided, CCMS experts inputs expected via NASA. Inputs from other agencies are requested. Keep open, pending a report which presents an overview of the different models used, analysis, intercomparison and recommendations.*** 17 Feb 2026: First steps taken – table created and to be populated by agencies. 12 Dec 2025: Early discussions only, looked at with lower priority. 17 Sep 2025: To be progressed, related to WGI.A53.04 25 Mar 2025 (WGI): Action opened.	CGMS-55 WGI	**OPEN**	

Action items review – Space Environment Sustainability

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
SES TG	**3.1**	WGI/A53.06	Discuss in intersessionals and prepare highlight presentations in next year's Task Group intersessionals and CGMS-54 WGs on: · The overall landscape of work on SES topics and where the CGMS TG on SES fits in it. · Agencies experience and practices on collision avoidance · Agencies experience and practice on Debris removal	***13 Apr 2026: WGI agreed to close. The SES TG is one of many groups focussing on space safety and traffic management. However, most are aimed at defining requirements rather than exchanging experience in implementation of those requirements and aligning implementation methods. The closest body in terms of scope and objectives would appear to be the Space Safety Coalition (SSC). An invitation has been made for the SSC to present their work at an upcoming SES TG meeting. Scope for further cooperation will be examined. New action opened on assessing overlap and scope for coordination with the Space Safety Coalition.*** 17 Feb 2026: This information is being covered in intersessionals via exchange of information and discussions on the BP. Additionally, presentation planned for IAC. Action closed. 12 Dec 2025: TG already discussing some of these topics as part of the BPs action, but no dedicated highlight presentations. Debris removal not discussed yet. 17 Sep 2025: To be progressed. 25 Mar 2025 (WGI): Action opened.	CGMS-55 WGI	**CLOSED**	

Action items review – Space Environment Sustainability

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
EUMETSAT (Andrew Monham)	**3.1**	WGI/A 53.07	Develop a paper on CGMS work on SES for presentation at IAC in 5-9 October 2026 and report feedback to CGMS	***13 Apr 2026 (WGI): The Abstract: "Coordination of Space Environment Sustainability Approaches in the Coordinated Group for Meteorological Satellites (CGMS)" has been accepted for presentation at the 77th IAC in the Space Debris Symposium. Action to remain open until paper developed / presented at the IAC (Antalya, Turkey, 5-9 October) and feedback provided to the SES TG for reporting at CGMS-55.*** 17 Feb 2026: Paper for IAC planned and Andy preparing a draft. 17 Sep 2025: To be progressed. 25 Mar 2025 (WGI): Action opened.	CGMS-55 WGI	**OPEN**	

Action items review – Space Environment Sustainability

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
SES TG	**3.1**	WGI/A53.08	Review current usage of space weather data for spacecraft operations and goals for Improvement. This action has been transferred from CGMS-52 to WGI (previously SWCG/A51.02).	***13 Apr 2026 (WGI): Action remains open. Space weather information is split on two tables separating the Space Traffic Coordination needs from the "safety of space operation" related information. Only ESA inputs, no further inputs made since CGMS-53. ESA will provide more details to facilitate comparison with other agencies' approaches and achieved accuracies. Inputs from other agencies are expected soon.*** 17 Feb 2026: No specific progress to report. 12 Dec 2025: Secondary target of the TG. Consolidate space observation requirements for space traffic coordination. Only ESA and NASA inputs so far, so further collaboration needed on this. 17 Sep 2025: To be progressed, next main target after best practices. 25 Mar 2025 (WGI): Action opened.	CGMS-55 WGI	**OPEN**	
SES TG	**3.1**	WGI/A53.09	Produce a report of space weather observation requirements for improved STC services and space Sustainability. This action has been transferred from CGMS-52 to WGI (previously SWCG/A51.11).	***13 Apr 2026 (WGI): Report to be produced following delivery and analysis of inputs from WGI/A53.08.*** 12 Dec 2025: Closely linked to A53.08 – follows from it. 17 Sep 2025: To be progressed, next main target after best practices. 25 Mar 2025 (WGI): Action opened.	CGMS-55 WGI	**OPEN**	

Action items review – Satellite Data and Codes

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
TG SDC, WMO	WGIV/5	WGIV/A4 9.02	The CGMS Task Group on Satellite Data and Codes to work closely with WMO on addressing the following points: i. Linking between OSCAR/Space and the WSI and/or CCT C-5 identifiers (WMO internal) ii. Potential extension of the use of the Issue Number in the WSI for satellites in order to explicitly indicate metadata which are otherwise only implicitly embedded in the Local Identifier (CGMS-50) iii. Identification of when and how the WSI should be included in the satellite products exchanges in the context of the WIGOS (CGMS-50) (ref CGMS-49-WMO-WP-08)	***13 Apr 2026 (WGI): In many cases the WIGOS Station Identifier is visible on OSCAR database. Keep open until Instrument identifier is also added.*** 25 March 2025 (WGI): Action not reviewed 2024 Nov 26: Visible progress on WMO OSCAR. WIGOS station identifiers have been included for satellites on WMO OSCAR (not for all satellites, but for some). 2024 9 Sep: Work in progress. Implemented, but not yet on the operational server. Some testing is still pending. 2024 Apr 22 (WGI): C-5 identifiers completed, C-8 identifiers in progress. 2024 Jan 24: Ongoing 2023 26 Sep: Well in progress. Should be implemented before INFCOM-3. Submission expected to INFCOM-3 in April 2024. 2023 24 Apr (CGMS-51 WGI): Action is progressing and expected to be closed soon. 2023 21 Mar: No update 2023 24 Jan: Simon is in discussion with Heikki, who is working on this. Progress on this action will be reported in the TGSDC report for CGMS-51. 2022 27 Sep: First intersessional meeting was held in September 2022. Participation was very low. Broader participation in intersessional meetings is encouraged, but communication is handled also via offline email communication. CGMS-50: The Task Group is continuing to work on the use of WIGOS Station identifiers for satellite products. CGMS-50-CGMS-WP-14 includes text prepared by WMO Secretariat for the guide on the WIGOS explaining the use of WIGOS Station Identifiers for satellites. The Task Group continues to assess the best use the Issue Number (currently fixed to 0) in the future. 2022 11 Apr: Transferred to WGI. To be discussed with WMO (Simon, Chair, to follow up). WMO will first complete the ongoing WSI for satellites design and documentation in WIGOS Guide and its implementation in OSCAR/Space. CCT-C5 will be tentatively covered by that work. 2022 18 Jan: WMO to address latest on 27 October, ongoing work, done through WGI	CGMS-53 WGI	**OPEN**	2.4

Action items review – Satellite Data and Codes

Background information from item 6 plenary 53:

Plenary action: CGMS Secretariat to survey CGMS contributing agencies. WGII and WGIV to propose initial standards to be presented at CGMS-54

(To facilitate the use of AI/ML by CGMS contributing agencies and meteorological data users, CGMS shall identify standards for using and converting meteorological EO data into a suitable form for Machine Learning applications. The key elements to be addressed are:

+ Data standards and formats, such as for example the Zarr usage best

+ practices Most relevant data transformation/representation per measurement type, i.e., remapping, standard vertical grids, etc.

+ Adoption of standard metadata per measurement type, preferably using CF metadata conventions, i.e., source of the information, AI fused or original data, error characterization of original and fused data.)

New action:

CGMS-53 WGI Actions							
Actionee	**AGN item**	**Action #**	**Description**	Action Feedbak	**Deadline**	**Status**	
WGI, WGII, WGIV	**6**	53.07	On data curation standards: WGI, WGII and WGIV to jointly draft standards that will be reviewed at CGMS-54 WGI/WGII/WGIV. WGI on the standardization of formats through its Task Group on Satellite Data and Codes. WGIV on the metadata aspects through its Task Group on Metadata (once a new chair has been found).	***13 Apr 2026 (WGI): The TG on SDC is implicitly tasked with creating draft standards for Earth observation data, including formats like Zarr, to ensure compatibility with AI and ML. These should be reviewed at CGMS 54. Efforts to secure expert input on this topic failed to solicit the requisite level of response. The Task Group will again be invited to address this important topic prior to the plenary session; due attention will be given to the presentation given by the co-chairs of WMO's Study Group on Future Data Infrastructure (SG-FIT) under agenda item 4.3.1 at the recent INFCOM Management Group meeting.***	Feb 2026, Apr 2026	**OPEN**	

Action items review – DCS

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
DCS TG	7.2	WGI/A52.03	Work on the five proposals for DCS improvements based on the SWOT analysis, including work with RFI Task Group and DCS RFI register, DCS promotional materials presenting global view of DCS, improved DCS outreach via DCS introduction video, further work on EDCP standard, improvements to DCS user information across agencies.	***13 Apr 2026 (WGI): The EDCP implantation has progressed well. On RFI - current RFI register was enclosed. NOAA was able to coordinate removal of two interference sources since CGMS Workgroup 53. The TG has also draft Best Practice on RFI related to DCS together with the TG on RFI. No progress on other items yet, as EDCP and RGI have been the focus.*** 17 Feb 2026: RFI + EDCP progress will be reported in CGMS-54 WGI. No reply from SEBA on promotional items for Tanzanian project. 12 Dec 2025: RFI + EDCP in progress. DCS promotional items – EUM identified a Tanzanian project and approach company for promotional purposes. 25 Mar 2025 (WGI): Progress on several of the proposals. EDCP standard progressing well. WIS2.0. DCS RFI register enclosed in the DCS TG Report. In terms of PR materials, the DCS Handbook will be updated and republished to reflect EDCP standard and No progress on DCS introduction video and discoverable information. 11 Feb 2025: Ongoing, but difficult in terms of group resources. 26 Nov 2024: Progressing well with Enhanced DCP Standard. Progress to be reported in WGI.	CGMS-55	**OPEN**	

Action items review – DCS

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
DCS TG	7.2	WGI/A52.04	Propose an interagency approach for DCS data access via WIS 2.0. Review also related changes to the Data Access Best Practice document.	***13 Apr 2026 (WGI): Discussions have taken place on the implementation on WIS 2.0 for DCS and also making and attempt to have a consolidated interagency report. Nothing concrete has been decided yet.*** ***- EUMETSAT has not migrated to WIS 2.0. This is expected in summer 2026 by entering a parallel operations phase of at least 6 months to transition data flows from GTS to WIS 2.0. It will be necessary to categorize DCP messages into one of seven Earth system disciplines and adopt an MQTT-based retrieval process where, during a transition phase, base64-encoded DCP data is embedded directly in the notification messages.*** ***- NOAA has not migrated to WIS 2.0. NOAA DCS representatives have been notified that the NOAA National Weather Service (NWS) has been tasked to migrated to WIS 2.0 by 2030. NOAA DCS will continue to collaborate with EUMETSAT and will coordinate with the NOAA NWS on their implementation plans for WIS 2.0.*** 17 Feb 2026: Still a big challenge. EUMETSAT DCS data not yet on WIS 2.0, implementation being worked. Discussion on EUM, NOAA and JMA's plans on putting DCS data on WIS 2.0 in a common way to be discussed. Progress of discussions in TG report**.** 12 Dec 2025: Some obstacles along the way, in progress (technical challenge + question with WMO on how data is presented). 25 Mar 2025 (WGI): Discussions have taken place on the implementation on WIS 2.0 for DCS and also making and attempt to have a consolidated interagency report. Nothing concrete has been decided yet. EUMETSAT has not migrated to WIS 2.0. This is expected in Q3 2025. 11 Feb 2025: Same status as 26 Nov 2024. 26 Nov 2024: Early discussions. Wouldn't be in a position to have a separate report / BP by CGMS-53 WGI. Update on WIS 2.0 discussions in context of DCS will be included in the DCS TG report.	CGMS-55	**OPEN**	

Action items review – DCS

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
DCS TG	7.2	WGI/A52.05	Present an overview of the various applications of DCS known across CGMS Operators.	***13 Apr 2026 (WGI): Some progress, but not a high priority action for the TG at the moment. NOAA has compiled a web with "success stories". Simultaneously, EUMETSAT has initiated contact with several operators.*** 17 Feb 2026: Same status. 12 Dec 2025: Same status. 25 Mar 2025: Same status as 26 Nov 2024. 11 Feb 2025: Same status as 26 Nov 2024. 26 Nov 2024: Has not been started yet. Attempt will be made to include something in DCS TG report, but EDCP is focus.	CGMS-54	**OPEN**	

Action items review – DCS

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
DCS TG	7.11	WGI/A52.06	The Task Group on DCS Satellite Operators to report on how their policies affect the usage of Smallsat.	***13 Apr 2026 (WGI): Future missions (TES-16 and TES-23) are being planned. TES-16 is a 12U satellite expected to be launched in summer 2026 or December 2026. TES-23 is scheduled for launch on 29 March and it will be placed into a GEO transfer orbit to further demonstrate DCS capabilities from different altitudes. Both missions will use EDCP format and carry a transmitter capable of both EDCP and legacy modes, ensuring compatibility with EUMETSAT reception even ground necessary changes are delayed. As part of this, next steps include determining the policy and regulations for satellite use of DCS by respective organizations and the Coordination Group of Meteorological Satellites. At that point, the TG / WGI to also consider what the end goal is for smallsat and a concrete input to HLPP proposed.*** 17 Feb 2026: 400 baud EDCP to be test on Tes-16 smallsat in Mar-Apr 2026. TBC if 800 baud could be tested. 12 Dec 2025: Launch planned for Dec 2025 + mid-2026. 400 baud EDCP could be tested using those satellites. Policy aspects looked as part of ConOps doc. *25 Mar 2025:* Small sat progresses but the group is not in a position to cover this action yet. Some aspects are covered in section 8 of TG report. 11 Feb 2025: Same status as 26 Nov 2024. 26 Nov 2024: Two aspects: 1.UHF spectrum used by DCS is allocated only for ground-to-space agreement and space-to-ground, but not space-to-space (which is what Smallsat uses). If CGMS agrees this should be pursued, then this can be done via SFCG. 2.Each agency has use of conditions of DCS. Need to describe how these affect Smallsat, e.g. do policies have anything against it. The above two aspects will be covered in the DCS TG Report in WGI, with a proposal for next steps.	CGMS-55	**OPEN**	

Action items review – DCS

Actione	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
DCS TG	7.11	WGI/A5 2.07	The Task Group on DCS to work on DCS Handbook updates related to Smallsat, EDCP, international DCP capability, scintillation.	***13 Apr 2026 (WGI): On hold until EDCP Standard is approved and WIS2 plan for DCS is clear, so that it can include details on these.*** ***17** Feb 2026: Not to be updated until EDCP standard final.* 12 Dec 2025: No update yet. 26 Mar 2025 (WGI): Same status as 26 Nov 2024 and 11 Feb 2025. 11 Feb 2025: The IDCS guide update would need to go hand in hand with DCS Handbook update**.** 26 Nov 2024: Still too early to include something on Smallsat in the DCS Handbook, as Smallsat is not operational yet and more work to be done on defining possible use cases. Another Smallsat launch planned in 2025 and actions on clarifying policies. DCS Handbook updates can be made for CGMS-54 earliest.	CGMS-54	**OPEN**	

Action items review – DCS

Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
DCS TG	**5.1**	WGI/A53.10	Further investigate the Ionospheric Scintillation and its potential use with DCS transmissions	***13 Apr 2026 (WGI): Interest in the space weather effect Ionospheric Scintillation remains relevant to CGMS DCS organizations. There is also academic interest in studying these phenomena. This SDCS metric has been deployed to the development system at the NOAA GS at Wallops Island, VA. GNSS RO data is traditionally used for this purpose, so employing a DCS to investigate this phenomenon is a novel approach. Use, validity, and final application of this metric are still in very early stages but the SDCS metric offers the potential to provide data outage root cause information to DCS operators as well as supporting space weather organizations seeking free data from thousands of platforms transmitting through the ionosphere. As a next step, interact with the SWCG and present at one of the SWCG TG intersessional meetings.*** 17 Feb 2026: Any further information in TG report. 12 Dec 2025: No further investigation yet. 25 Mar 2025 (WGI): Action opened.	CGMS-55 WGI	**OPEN**	

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Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
DCS TG	**5.1**	WGI/A53.11	Share the information/paper on scintillation with WGII and SWCG.	***12 Dec 2025: Done.*** 25 Mar 2025 (WGI): Action opened.	CGMS-54 WGI	**CLOSED**	
DCS TG	**5.1**	WGI/A53.12	***Plan a DCS Workshop***. Identify best opportunity to hold a DCS workshop (consider e.g. MTI Expo, NOAA conference, EUMETSAT conference).	***13 Apr 2026 (WGI): WGI agreed a DCS workshop should be planned, with specific agenda items. To include DCS Handbook, PR materials, etc. Location is to be looked at as part of this, possibly at Met Expo or NOAA conference or EUMETSAT Conference. The workshop will be no earlier than Q3/4 2027. Present plans at CGMS-55 WGI.*** 17 Feb 2026: Satcom Forum chair still needed – ideas and proposals encouraged. Alternatively, other options for holding DCS workshop to be discussed between WGI Co-Chairs as well. 12 Dec 2025: Satcom Chair needed first. Potential Satcom Forum chair identified. Next opportunity would be MTI in Sep 2026. 25 Mar 2025 (WGI): Action opened.	CGMS-55 WGI	**OPEN**	
DCS TG	**5.1**	WGI/A53.13	EUMETSAT and JMA to analyse the use of monitoring NOAA has put in place on RFI.	***13 Apr 2026 (WGI): Analysis will be done by each agency as part of next year's CGMS-55 reporting against the new best practice on RFI related to DCS.*** 17 Feb 2026: In progress, any latest information in TG report. 12 Dec 2025: In progress. 25 Mar 2025 (WGI): Action opened.	CGMS-54 WGI	**CLOSED**	