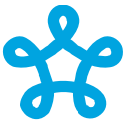


# Agreement on Outcomes, Conclusions & Preparations of WGI Report for Plenary

Presented to CGMS-54 WG-I session, agenda item 10



Executive summary of the WP

This presentation summarises the:

- Agreement on Outcomes of WGI
- Plans for preparations of WGI Report for Plenary
- Conclusions

*Note: The following slides will be updated with status (✅ ❌ ~) according to WGI outcomes.*

## CGMS-54 WGI Expected Outcomes

AGN Item	Expected outcomes
1	Provide an overview of WGI, including scope, objectives, structure and latest WGI Terms of Reference
4	<p><b>Review progress of Task Group on Satellite Data and Codes</b>, including:</p> <ul style="list-style-type: none"> <li>Status on current and planned activities, including: <ul style="list-style-type: none"> <li>Work with WMO on WSI / CCT-C5 <input checked="" type="checkbox"/> <i>Work progressing, WIGOS Station Identifying visible in OSCAR database in many case. Instrument identifier to be added.</i></li> <li>Proposed update to the WMO Manual on WIGOS <input checked="" type="checkbox"/> <i>Proposed</i></li> </ul> </li> <li>Up-to-date list of members</li> <li>Latest Terms of Reference</li> <li>Agree on any related HLPP updates</li> </ul>
5	<p><b>Review progress of Task Group on Space Environment Sustainability</b>, including:</p> <ul style="list-style-type: none"> <li>Status on current and planned activities, including: <ul style="list-style-type: none"> <li>Deliver a Best Practice document on Space Environment Sustainability, for review in CGMS-54 WGI <i>BP preparation in progress</i></li> <li>Define the requirement for supplying owner/operator orbit and manoeuvre information to TraCCS and identify steps for implementation <input checked="" type="checkbox"/> <i>Closed</i></li> <li>Identify steps to coordinate modelling of thermospheric density impacts and perform inter-comparison of model results <input checked="" type="checkbox"/> <i>Steps identified, first steps taken, report to be produced</i></li> <li>Develop a paper on CGMS work on SES for presentation at IAC in 5-9 October 2026 <i>Work in progress, abstract submitted, paper preparation to follow</i></li> <li>Review current usage of space weather data for spacecraft operations and goals for improvement. <i>Work in progress</i></li> <li>Produce a report of space weather observation requirements for improved STC services and space sustainability. <i>To follow based on review of current space weather data usage</i></li> </ul> </li> <li>Up-to-date list of members</li> <li>Agree on any related HLPP updates</li> </ul>

## CGMS-54 WGI Expected Outcomes

AGN Item	Expected outcomes
8	<ul style="list-style-type: none"> <li>• Present relevant WGI Coordination items, including:                             <ul style="list-style-type: none"> <li>• International collaboration: Highlights of SMOPS-2026 <input checked="" type="checkbox"/> Presented</li> <li>• CGMS Risk Assessment and impact on WGI <input checked="" type="checkbox"/> Presented</li> <li>• Future direction 2022+ initiative <input checked="" type="checkbox"/> Paper summary</li> </ul> </li> </ul>
6	<p>Review progress of the joint work of the <b>Task Group on Low Latency Data Access</b>, including:</p> <ul style="list-style-type: none"> <li>• Status on current and planned activities, including:                             <ul style="list-style-type: none"> <li>• Identify concrete CGMS actions based on the LLDA SWOT, including priority areas and demonstration cases in agencies. E.g. cloud, TT&amp;C, relation with private sector. <input checked="" type="checkbox"/> Closed. New action to to enhance the SWOT analysis for CGMS-55, including report on feasibility and applications of phased array and identification of AI applications opportunities within the scope of the LLDA TG, in coordination with WGII.</li> <li>• Proposed way forward for the global data low latency acquisition best practices. <input checked="" type="checkbox"/> Conclusion is that it is premature to establish a low latency data access BP for the global mission. Closed, in favour of new actions. New actions 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. Furthermore, 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.</li> </ul> </li> <li>• Up-to-date list of members</li> <li>• Latest Terms of Reference</li> <li>• Up-to-date Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis</li> <li>• Latest version of Best Practices and proposed updates (if any)</li> <li>• CGMS Agencies LLDA status report + status of implementation of best practices</li> <li>• Agree on any related HLPP updates</li> </ul>



## CGMS-54 WGI Expected Outcomes

AGN Item	Expected outcomes
2	<p>Get an overview of relevant Frequency Management topics:</p> <ul style="list-style-type: none"> <li>• Status on current and planned activities, including:                             <ul style="list-style-type: none"> <li>• <i>Report on frequency management related topics (incl. SFCG, WMO, ITU, etc)</i> <input checked="" type="checkbox"/> Presented</li> <li>• <i>Review of any frequency protection issues</i> <input checked="" type="checkbox"/> Presented</li> <li>• <i>NOAA Spectrum Management Report</i> <input checked="" type="checkbox"/> Presented</li> </ul> </li> <li>• Agree on any related HLPP updates</li> </ul>
3	<p>Review progress of the Task Group on RFI detection, monitoring and mapping:</p> <ul style="list-style-type: none"> <li>• Status on current and planned activities, including:                             <ul style="list-style-type: none"> <li>• <i>Present Best Practice on RFI detection, monitoring and mapping – for endorsement</i> <input checked="" type="checkbox"/> Presented. WGI agreed to propose for plenary endorsement.</li> <li>• <i>Discussion on future RFI issues to be looked at by the TG (e.g. recent discussions touched on this in view of future mega-constellations, growth of use of commercial sensors) and open relevant actions (e.g. recent discussions touched on possibility of specific procedures that can be shared as an outcome, so that all agencies can follow them or use them as guideline, e.g. standard)</i> <input checked="" type="checkbox"/> New actions agreed to:                                     <ul style="list-style-type: none"> <li>- Evaluate Mega-Constellations: Develop a report for CGMS-55 WGI on strategies to mitigate RFI risks from large-scale LEO deployments</li> <li>- Develop a report for CGMS-55 WGI on standardise Commercial Data Buys with respect to RF spectrum.</li> </ul> </li> </ul> </li> <li>• Up-to-date list of members</li> <li>• Latest Terms of Reference</li> <li>• Agree on any related HLPP updates</li> </ul>



## CGMS-54 WGI Expected Outcomes

AGN Item	Expected outcomes
5	<p>Review progress of <b>Task Group on DCS</b>, including:</p> <ul style="list-style-type: none"> <li>Status on current and planned activities, including:           <ul style="list-style-type: none"> <li>Work towards declaring EDCP standard operational <input checked="" type="checkbox"/> <i>Work progressing well</i></li> <li>Work on five proposals for DCS improvements based on SWOT <input checked="" type="checkbox"/> <i>Work progressing well</i></li> <li>Propose an interagency approach for DCS data access via WIS 2.0. Review also related changes to the Data Access Best Practice document. <input type="checkbox"/> <i>Discussions ongoing, nothing concrete has been decided yet</i></li> <li>Present overview of various DCS applications across CGMS Operators <input type="checkbox"/> <i>Some progress, but more work outstanding, has taken lower priority considering other tasks</i></li> <li>DCS Satellite Operators to report on how their policies affect the usage of Smallsat <input type="checkbox"/> <i>In progress. As part of this, EDCP being on TES-16 and TES-23, 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.</i></li> <li>DCS Handbook / IDCS guide updates related to Smallsat, EDCP, international DCP capability, scintillation <input checked="" type="checkbox"/> <i>On hold until EDCP standard is approved and WIS2 plan for DCS is clear.</i></li> <li>Further investigate the Ionospheric Scintillation and its potential use with DCS transmissions <input type="checkbox"/> <i>Interest in the space weather effect Ionospheric Scintillation remains relevant to CGMS DCS organizations. There is also academic interest in studying these phenomena. As a next step, interact with the SWCG and present at one of the SWCG TG intersessional meetings.</i></li> <li>Identify best opportunity to hold a DCS workshop (consider e.g. MTI Expo, NOAA conference) <input type="checkbox"/> <i>In progress, workshop to be planned.</i></li> <li>EUMETSAT and JMA to analyse the use of monitoring NOAA has put in place on RFI. <input type="checkbox"/> <i>Action closed. Analysis will be done by each agency as part of next year's reporting against BP on RFI for DCS.</i></li> <li>Smallsat project update <input checked="" type="checkbox"/> <i>Presented</i></li> </ul> </li> <li>Up-to-date list of members</li> <li>Latest Terms of Reference</li> <li>Latest version of Best Practices and proposed updates (if any)</li> <li>CGMS Agencies Operations DCS systems status report + status of implementation of best practices</li> <li>Up-to-date Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis</li> <li>Agree on any related HLPP updates</li> </ul>

## CGMS-54 WGI Expected Outcomes

AGN Item	Expected outcomes
8	<p><b>Review of WGI Coordination items, including:</b></p> <ul style="list-style-type: none"> <li>• <i>Review CGMS HLPP and agree on updates</i> <input checked="" type="checkbox"/> <i>Reviewed and agreed</i></li> <li>• <i>Review existing WGI action items &amp; recommendations</i> <input checked="" type="checkbox"/> <i>Reviewed and agreed</i></li> <li>• <i>Agree on new action items &amp; recommendations</i> <input checked="" type="checkbox"/> <i>Reviewed and agreed</i></li> <li>• <i>Discuss plans future plenary session and intersessional meetings</i> <input checked="" type="checkbox"/> <i>Presented</i></li> <li>• <i>Discuss any proposed improvements or changes to WGI, if any</i> <i>N/A, none proposed</i></li> </ul>
10	<p><b>Meeting Conclusions:</b></p> <ul style="list-style-type: none"> <li>• Recap of outcomes</li> <li>• Preparations for Plenary</li> </ul>



## Preparations for Plenary

A report based on the WGI outcomes will be prepared for CGMS-54 Plenary.

The draft report will be shared with you for your review and comments.



## Conclusions

All WGI key expected outcomes have been covered.

In cases where outcomes required adaptation, this was discussed and the way forward was jointly agreed.

**Thank you to all members for their contributions to  
a successful WGI meeting!**

