

WG-I expected outcomes

Presented to CGMS-54 WG-I session, agenda item 1.2

Executive summary of the WP

This presentation summarises the expected outcomes / key objectives of CGMS-54 WGI.

In line with the recommendation from CGMS-52 WGI, all Task Group should present their:

- Status on current and planned activities
- Up-to-date list of members
- Latest Terms of Reference
- Up-to-date Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis
- Latest version of Best Practices and proposed updates (if any)
- Status of implementation of Best Practices for each agency



Beyond the above reoccurring agenda items, the Task Group would present dedicated papers, as required.

The CGMS-54 WGI agenda and expected outcomes have been structured accordingly.



Expected outcomes per topic – printed for your reference throughout the day.

In the end of the day, we will recap on the outcomes based on the discussions throughout the day.

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	Review progress of Task Group on Satellite Data and Codes , including: <ul style="list-style-type: none"> • Status on current and planned activities, including: <ul style="list-style-type: none"> • <i>Work with WMO on WSI / CCT-C5</i> • <i>Proposed update to the WMO Manual on WIGOS</i> • Up-to-date list of members • Latest Terms of Reference • Agree on any related HLPP updates
 5	Review progress of Task Group on Space Environment Sustainability , including: <ul style="list-style-type: none"> • Status on current and planned activities, including: <ul style="list-style-type: none"> • <i>Deliver a Best Practice document on Space Environment Sustainability, for review in CGMS-54 WGI</i> • <i>Define the requirement for supplying owner/operator orbit and manoeuvre information to TraCCS and identify steps for implementation</i> • <i>Identify steps to coordinate modelling of thermospheric density impacts and perform inter-comparison of model results</i> • <i>Develop a paper on CGMS work on SES for presentation at IAC in 5-9 October 2026</i> • <i>Review current usage of space weather data for spacecraft operations and goals for improvement.</i> • <i>Produce a report of space weather observation requirements for improved STC services and space sustainability.</i> • Up-to-date list of members • Agree on any related HLPP updates


CGMS-54 WGI Expected Outcomes

AGN Item	Expected outcomes
 <p>8</p>	<ul style="list-style-type: none"> • Present relevant WGI Coordination items, including: <ul style="list-style-type: none"> • International collaboration: Highlights of SMOPS-2026 • CGMS Risk Assessment and impact on WGI • Future direction 2022+ initiative
 <p>6</p>	<p>Review progress of the joint work of the Task Group on Low Latency Data Access, including:</p> <ul style="list-style-type: none"> • Status on current and planned activities, including: <ul style="list-style-type: none"> • <i>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.</i> • <i>Proposed way forward for the global data low latency acquisition best practices.</i> • Up-to-date list of members • Latest Terms of Reference • Up-to-date Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis • Latest version of Best Practices and proposed updates (if any) • CGMS Agencies LLDA status report + status of implementation of best practices • Agree on any related HLPP updates



CGMS-54 WGI Expected Outcomes

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2	<p>Get an overview of relevant Frequency Management topics:</p> <ul style="list-style-type: none"> • Status on current and planned activities, including: <ul style="list-style-type: none"> • <i>Report on frequency management related topics (incl. SFCG, WMO, ITU, etc)</i> • <i>Review of any frequency protection issues</i> • <i>NOAA Spectrum Management Report</i> • Agree on any related HLPP updates
3	<p>Review progress of the Task Group on RFI detection, monitoring and mapping:</p> <ul style="list-style-type: none"> • Status on current and planned activities, including: <ul style="list-style-type: none"> • <i>Present Best Practice on RFI detection, monitoring and mapping – for endorsement</i> • <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> • Up-to-date list of members • Latest Terms of Reference • Agree on any related HLPP updates

CGMS-54 WGI Expected Outcomes

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 <p>5</p>	<p>Review progress of Task Group on DCS, including:</p> <ul style="list-style-type: none"> • Status on current and planned activities, including: <ul style="list-style-type: none"> • <i>Work towards declaring EDCP standard operational</i> • <i>Work on five proposals for DCS improvements based on SWOT</i> • <i>Propose an interagency approach for DCS data access via WIS 2.0. Review also related changes to the Data Access Best Practice document.</i> • <i>Present overview of various DCS applications across CGMS Operators</i> • <i>DCS Satellite Operators to report on how their policies affect the usage of Smallsat</i> • <i>DCS Handbook / IDCS guide updates related to Smallsat, EDCP, international DCP capability, scintillation</i> • <i>Further investigate the Ionospheric Scintillation and its potential use with DCS transmissions</i> • <i>Identify best opportunity to hold a DCS workshop (consider e.g. MTI Expo, NOAA conference)</i> • <i>EUMETSAT and JMA to analyse the use of monitoring NOAA has put in place on RFI.</i> • <i>Smallsat project update</i> • Up-to-date list of members • Latest Terms of Reference • Latest version of Best Practices and proposed updates (if any) • CGMS Agencies Operations DCS systems status report + status of implementation of best practices • Up-to-date Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis • Agree on any related HLPP updates

CGMS-54 WGI Expected Outcomes

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

To be considered by CGMS:

- CGMS WGI is invited to:
 - Take note of the WGI expected outcomes.