

WG-I expected outcomes

Presented to CGMS-53 WG-I session, agenda item 1.3

Executive summary of the WP

This presentation summarises the expected outcomes / key objectives of CGMS-53 WGI.

Generally, 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-53 WGI agenda and expected outcomes have been structured accordingly.

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



CGMS-53 WGI Expected Outcomes

AGN Item	Expected outcomes
1	<p>Provide an overview of WGI, including:</p> <ul style="list-style-type: none"> • WGI scope and objectives within CGMS • Current WGI Structure and Task Groups • Status on WGI Co-Chairs/Co-Rapporteurs • Latest WGI Terms of Reference
2	<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 merge of LEO Direct Broadcast and Coordination of LEO Orbits Best Practices draft proposal.</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
3	<p>Review progress of the joint work of the Task Group on Space Environment Sustainability, including:</p> <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 recommendation for endorsement in CGMS-53.</i> • Up-to-date list of members • Agree on any related HLPP updates





CGMS-53 WGI Expected Outcomes

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4	<p>Review progress of Task Group on Satellite Data and Codes, including:</p> <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> • Up-to-date list of members • Latest Terms of Reference • Agree on any related HLPP updates
5	<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> • 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 • Smallsat project update • Agree on any related HLPP updates

CGMS-53 WGI Expected Outcomes

AGN Item	Expected outcomes
 6	Get an overview of relevant Frequency Management topics: <ul style="list-style-type: none"> • Overview of preparation for WRC and WMO preliminary paper • Review of any frequency protection issues • Agree on any related HLPP updates
 7	Review progress of the Task Group on RFI detection, monitoring and mapping: <ul style="list-style-type: none"> • Status on current and planned activities, including: <ul style="list-style-type: none"> • <i>Draft Best Practice on RFI detection, monitoring and mapping – for endorsement</i> • <i>Explore potential and existing uses of AI/ML and pattern recognition in RFI detection.</i> • Up-to-date list of members • Latest Terms of Reference • Agree on any related HLPP updates

CGMS-53 WGI Expected Outcomes

	AGN Item	Expected outcomes
	8	Antenna arraying techniques for LEO missions – agency reports and discussion
	8	Review of WGI Coordination items, including: <ul style="list-style-type: none"> • Get an overview of CGMS Global Contingency Plan, as proposed by WGIII • Review CGMS HLPP, status of implementation, and agree on proposed updates • Review existing WGI action items & recommendations • Agree on proposed new action items & recommendations • Discuss plans future plenary session and intersessional meetings • Discuss if any proposals for changes to agenda structure & items
	9	Election of Co-Chair & Co-Rapporteur
	10	Meeting Conclusions: <ul style="list-style-type: none"> • Agreement on Outcomes • Conclusions • Preparations of WGI Report for Plenary

To be considered by CGMS:

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