

CGMS-50 WGIII actions

WGIII Actions							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLP P ref
EUM (NSOAS)	WGIII/3.2 & 4.1	WGIII/A48.02	CGMS-48 WGIII discussions May 2020 (and the now closed 1RAWS2019.4): WGIII recognised the need for a long term plan for ~6Ghz frequency microwave imaging in at least one LEO orbit for all weather Sea Surface Temperature observations. Recommended Mitigating Action #4: [EUM and SOA] to ensure data availability for HY-2B MWI.	<p>2023 9 Jan: Discussions have taken place between WMO and NSOAS whereby it appears as if NSOAS will identify some of their data as "Core" (as per WMO Res. 1)</p> <p>2022 20 Dec, 21 Sep: Still under discussion, no further feedback from NSOAS. New status request sent 10 Jan 2023.</p> <p>2022 17 May: EUM in contact with NSOAS. NSOAS is currently positive that this will concretise but requires confirmation by its ministry.</p> <p>2021 27 Sep: Currently the data policy is not fully free and open. EUMETSAT is addressing this with NSOAS and expecting final confirmation by end 2021.</p> <p>2021 Jan: No progress, action on CGMSSEC.</p> <p>2020 May 28, CGMS-48 WGIII (CGMS-48-CGMS-WP-10): EUMETSAT to reach out to NSOAS (SOA/MNR) to confirm if the HY missions can be included in the CGMS baseline and risk assessment.</p>	Dec 2022 (Feb 2021)	ONGOING	1.1.1

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EUM (NSOAS)	WGIII/3.2 & 4.1	WGIII/A48.03	CGMS-48 WGIII discussions May 2020 (and the now closed 1RAWS2019.8): WG III recognised that there is no radar altimetry data availability in the early morning orbit in the short term and that there are no plans in the long term for coverage. Recommended Mitigating Action #8: [EUM and SOA] to ensure data availability for HY-2B ALT.	<p>2023 9 Jan: Discussions have taken place between WMO and NSOAS whereby it appears as if NSOAS will identify some of their data as "Core" (as per WMO Res. 1)</p> <p>2022 20 Dec, 21 Sep: Still under discussion, no further feedback from NSOAS. New status request sent 10 Jan 2023.</p> <p>2022 17 May: EUM in contact with NSOAS. NSOAS is currently positive that this will concretise but requires confirmation by its</p> <p>2021 27 Sep: Currently the data policy is not fully free and open. EUMETSAT is addressing this with NSOAS and expecting final confirmation by end 2021.</p> <p>2021 Jan: No progress, action on CGMSSEC. 2020 May 28, CGMS-48 WGIII (CGMS-48-CGMS-WP-10): EUMETSAT to reach out to NSOAS (SOA/MNR) to confirm if the HY missions can be included in the CGMS baseline and risk assessment.</p>	Dec 2022 (Feb 2021)	ONGOING	1.2.8
<input type="checkbox"/> EUM <input type="checkbox"/> KMA (NIER) <input type="checkbox"/> Click to add	WGIII/3.2 & 4.1	WGIII/A48.04	EUMETSAT to explore with NIER of GEO KOMPSAT 2B GEMS observations can be considered for the CGMS baseline and risk assessment.	2023 12/17 Jan: NIER has agreed to provide a brief status report at the 5th risk assessment workshop. Following interaction between CGMSSEC and KMA, and KMA and NIER, it appears somewhat unlikely that NRT data will be available in	Dec 2022	PROPOSED CLOSURE	1.2.3

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a new task...				<p>the near/medium term future. KMA is kindly invited to inform CGMS in case of any new developments → Closure of action will be confirmed after NIER presentation at 5th risk assessment workshop</p> <p>2022 28 Sep: Follow-on GEMS (satellite) under discussion, potential kick off in 2024 timeframe. (GEMS data available on ftp site. Some restrictions apply to GEMS data redistribution). Pending outcome of NIER data policy discussions. KMA to contact NIER to consider attending the 5th CGMS risk assessment WS.</p> <p>2022 21 Sep: Still under discussion, no further feedback from GEMS</p> <p>2022 17 May: EUM and KMA in contact with NIER. Data expected to become available in second half of 2022. GEO KOMPSAT 2B GEMS observations already included in the CGMS baseline and risk assessment.</p> <p>2021 29 Nov: Some data available via NIER's website. Further data expected to be available end of 2021. Data policy TBC. KMA and EUMETSAT to continue to reach out to NIER.</p> <p>2021 16 Apr: KMA to reach out to NIER 2021 1-3 Mar: EUMETSAT to continue</p>			

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				reaching out to NIER (NIER expected to provide a status presentation to WGII at CGMS-49). 2021 Jan: No progress, action on CGMSSEC.			
ISRO	3.1	WGIII/A49.02	ISRO to update CGMS-50 on their plans for a geostationary hyperspectral infrared sounder.	<p>2022 20 Dec, 28 Sep: INSAT 4th generation consideration, TBC if an HSIR will be included. ISRO will provide the latest status to the 5th CGMS risk assessment workshop.</p> <p>2022 May: Plans still unclear related to HIRS.</p> <p>2022 24 Feb: Review ongoing. Update to be provided to plenary in June.</p> <p>2021 Sep 27: Unclear if ISRO will have confirmed plans by CGMS-50. TBC.</p>	CGMS-51	OPEN	1.2.2
<input type="checkbox"/> JAXA <input type="checkbox"/> NASA <input type="checkbox"/> Click to add a new task...	4	WGIII/A49.06	NASA and JAXA to confirm plans to fly a precipitation radar beyond the GPM Core.	<p>2022 May: NASA and JAXA confirmed that this is ongoing. JAXA and NASA are kindly requested to provide the latest status to the 5th CGMS risk assessment workshop</p> <p>2022 24 Feb: Discussions ongoing between NASA and JAXA. Report to be provided to CGMS-50 plenary session.</p> <p>2021 Sep 27: To be addressed within the framework of the 4th risk assessment WS</p>	CGMS-51 (Feb-23)	ONGOING	1,1,2

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ISRO	4	WGIII/A49.08	ISRO to confirm plans beyond Oceansat 3 series	<p>2022 20 Dec, 17 May: Plans still to be confirmed. ISRO will provide the latest status to the 5th CGMS risk assessment workshop</p> <p>2021 Sep 27: To be addressed within the framework of the 4th risk assessment WS</p>	CGMS-51	OPEN	1.1.3
WGIII	4.1	WGIII/A49.12	CGMS Baseline Calibration and Validation section to be updated according to NWP position paper outcome.	<p>2022 28 Sep: Action CLOSED and new action created.</p> <p>2022 21 Sep: Who is taking the lead on this action?</p> <p>2022 17 May: NWP paper needs to be considered in the WMO regulatory update.</p> <p>2022 24 Feb: Pending WMO regulatory update</p> <p>2021 Sep 27: To be addressed within the framework of the 4th risk assessment WS</p>	End Oct 2022 (Feb-22)	CLOSED	
WMO + WGIII	WGIII IS #1 28 Sep 2022			<p>2022 10 Jan: Expected to be addressed at the 5th risk assessment workshop</p> <p>2022 28 Sep: CGMS to update the baseline following WMO's regulatory update of the WIGOS manual (raised on the occasion of the CGMS WGIII inter-sessional meeting)</p>	Feb 2023	OPEN	
WGII	4.1	WGIII/A49.14	The list of CGMS baseline sensor observations should be reviewed against the list of products required for NWP in	<p>2022 28 Sep: CLOSED following discussions in WGIII intersessional.</p>	26 Sep-22	CLOSED	

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			the WMO's Position paper on Satellite data Requirements for Global NWP.	<p>2022 21 Sep: Who is taking the lead on this action? It is for WGII, however, someone needs to bring this up/take it to WGII.</p> <p>2022 17 May: Open following discussion in WGIII</p> <p>2022 25 Mar: For WMO consideration (link to gap analysis/high level paper)</p> <p>2022 24 Feb: Reminder to WGII by CGMSSEC when circulating the updated draft baseline and 4th RA</p> <p>2021 Sep 27: To be addressed within the framework of the 4th risk assessment WS</p>			
<input type="checkbox"/> WGI <input type="checkbox"/> WGII <input type="checkbox"/> WGIV <input type="checkbox"/> Click to add a new task...	4.1	WGIII/A49.15	Review of CGMS baseline Section 3. against the WMO's Position paper on Satellite data Requirements for Global NWP.	<p>2022 28 Sep: CLOSED following discussions in WGIII inter-sessional meeting #1</p> <p>2022 21 Sep: Who is taking the lead on this action? It is for WGI, WGII and WGIV, however, someone needs to bring this up/take it up with these WGs.</p> <p>2022 17 May: Open following discussion in WGIII</p> <p>2022 25 Mar: For WMO consideration (link to gap analysis/high level paper)</p> <p>2022 24 Feb: Reminder to WGII by CGMSSEC when circulating the updated draft baseline and 4th RA</p>	Oct 2022 (Feb-22)	CLOSED	

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				2021 Sep 27: To be addressed within the framework of the 4th risk assessment WS (and in WGI, WGII, WGIV)			
WMO	6	WGIII/A49.17	Continue preparing and submitting to O/SST templates on OSCAR/Space data that needs to be updated, approximately 3-4 times a year.	2022 28 Sep: - 2022 17 May, 24 Feb: Ongoing	CGMS-50	OPEN	
NOAA	WGIII/4.1	WGIII/A50.01	NOAA to review additional ground resources needed to track STEREO-A and PUNCH to provide additional coverage in the near-term.	2022 28 Sep: Ongoing. NOAA will include status in its input to the 5th risk assessment.	CGMS-51	OPEN	1.1.5
KMA	WGIII/4.1	WGIII/A50.02	KMA to confirm plans beyond GK-2B for visible/UV spectrometer and Narrow Band imager.	2022 28 Sep: Feasibility studies ongoing (results together with special feasibility test expected to take +/-2 years overall)	CGMS-51	OPEN	1.2.3
WGIII lead (CGMSSEC)	WGIII/4.2	WGIII/A50.03	To add characteristics/definitions of the new energy ranges related to the high energy particles in the Sensor Type table of the CGMS Baseline document.	2022 10 Jan: Request sent to SWCG 2022 28 Sep: Information from SWCG to be included in the next version of the baseline. Comment added to draft v5 document [<i>ACTION CGMSSEC to include the information in the baseline document</i>]	RA workshop 2023	ONGOING	
WMO	WGIII/4.2	WGIII/A50.04	To implement energy ranges for high energy particle classification to OSCAR/Space as defined in the CGMS Baseline.		RA workshop 2023	OPEN	

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WMO	WGIII/4.2	WGIII/A50.05	To implement the feature of Sun-Earth line instrument filtering for the OSCAR/Space Gap Analysis.		RA workshop 2023	OPEN	
CGMSSEC	WGIII/4.4	WGIII/A50.06	CGMS Global Contingency Plan to be updated according to the findings in the working paper CGMS-50-CGMS-WP-25 in WG III (presentation).	2022 28 Sep: CGMSSEC will provide an update and present it to the 5th risk assessment workshop. WGIII members are invited to point out further areas for revision before the workshop.	RA workshop 2023	OPEN	
<input checked="" type="checkbox"/> EUM <input checked="" type="checkbox"/> NOAA <input checked="" type="checkbox"/> CMA	WGIII/6	WGIII/A50.07	To present outcomes of the undertakings on socio-economic benefits and impact studies.	2023 18 Jan: CMA will provide SEB report at WGIII session in April 2023 2022 28 Sep: NOAA expect to have a study available for the GEO XO mission (ongoing). (SEB studies to be addressed in the CGMS WGIII CGMS-51 plenary session)	CGMS-51	OPEN	1.4.2
CGMSSEC	WGIII/9	WGIII/A50.08	To add proposed HLPP target for the work towards operational IR/MW limb sounding capability for climate monitoring and NWP application.	CLOSED (published)	CGMS-50 plenary	CLOSED	
CGMSSEC	WGIII/9	WGIII/A50.09	To add proposed HLPP target to coordinate the evaluation of small satellite constellations capability to provide sufficient μ wave sounding performance for the radiance data assimilation.	CLOSED (published)	CGMS-50 plenary	CLOSED	

Other related actions - to be translated into a new WGIII action - TBD			
Plenary 2	WGIIIR49.	Working Group II recommends to CGMS Plenary the adoption of the proposed GEO baseline products presented in CGMS-49-WMO-WP-14 with the addition of SSTs, to be considered for subsequent implementation by all Agencies.	<p>2022 10 Jan: Request sent to WGI leading group.</p> <p>2022 28 Sep: To be addressed in the next WGII inter-sessional meeting 12 October.</p> <p>CGMSSEC to send this action to WGII lead.</p> <p>2022 22 Sep MRa: Assuming that WGII has finally confirmed the GEO baseline products (unclear!), the question is how to reflect this in CGMS documentation (could be the CGMS Baseline or a self-standing doc, to be discussed in WGIII) and how to monitor the implementation in terms of production and dissemination (probably a question for WGIV).</p> <p>2021 28 Sep: JV Thomas to address this with WGII co-chairs/rapporteurs. Principle endorsed by CGMS-49 plenary. WGII/Ken to send to WGIII and WGIV relevant parts of WGII report. Action to WGIII to update the baseline accordingly. (WGII action to WGIV on related redistribution mechanisms).</p>