

PLENARY - STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

Plenary actions open from earlier plenary session (at CGMS-43)							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
WMO	Plen IV.4	40.06	WMO to coordinate impact studies, through the CBS, in order to update and refine its requirements for GNSS radio-occultation (e.g. number of occultations/day, distribution in space)	<p>EUM plans to launch a study in 2014 with results available for the IROWG meeting in Apr 2015 to which CEOS agencies will be invited. Action deferred to CGMS-43. It also contributes to Action 40.23 "CGMS to convene through the IROWG an ad-hoc meeting on the global GNSS-RO constellation, inviting all interested CEOS agencies".</p> <p>(see also actions WGII 40.23, WGIII 41.35 and WGIII 41.37)</p> <p>EUM will present at Working Paper on the outcome of its study <i>CGMS-43 EUM-WP-12 EUMETSAT study circulated to csr on 21 Dec 2015 (Final report - Impact of different radio occultation constellations on NWP and climate monitoring)</i></p> <p>Matter discussed at the IPET-OSDE-1, April 2014, and CBS-Ext(2014). CBS recommended conducting Observing System Simulation Experiments (OSSEs) in support of satellite system design criteria such as orbit optimization for GPS-RO satellites, or configurations for hyperspectral IR sounders on geostationary orbit.</p> <p>Following WGIII discussions, the action will be kept open until CGMS-44. WMO and NOAA to report on their activities at CGMS-44.</p> <p>CGMS-44: Closed following WGIII actions.</p>	(CGMS-41, -42, -43) New deadline CGMS-44	CLOSED	HLPP#1.1.4

PLENARY - STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CEOS/CGMS joint climate WG	Plen H.3.2	A42.11	Regarding the Pilot FCDR Inventory: <ul style="list-style-type: none"> • Conduct an initial analysis of available FCDRs past and current available for or planned for use in the current set of SCOPE-CM projects using CEOS, CGMS, and WMO satellite data bases; • Identify SCOPE-CM ECV projects that are or may be able to use the above FCDRs; • Assess availability of the above FCDRs for the future; • Following the first ECV gap analysis, consider FCDRs that may be useful in assessing ECV opportunities in the future ECV gap analysis. 	Nov '14: ONGOING. Discussions were held at the Climate Symposium regarding the Pilot FCDR inventory and work has begun on the specific identification of SCOPE-CM ECV projects and use of higher temporal and spatial resolution data from the next generation of geostationary satellites. The project will leverage the ECV assessment reference process being developed by WGClimate. CMA and KMA have been invited to participate in these efforts. <i>Reports were made to CGMS-43 WGII and plenary, and will also be made to CGMS-44.</i> <i>CGMS-44: JWG Climate provided a report at plenary. Action closed accordingly. JWG Climate has a standing item on the CGMS plenary agenda.</i>	CGMS-43 and CGMS-44	CLOSED	HLPP # 5
CGMS-43 Plenary actions							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
WMO	D.1	A43.01	WMO to report at CGMS-44 on engagement with satellite agencies via the planned "Joint RA-II/V Workshop on WIGOS for Disaster Risk Reduction" to be held in Indonesia in October 2015.	To be treated in WGIII. WMO/LPR to confirm to CGMSSEC in which WG it shall be addressed by end 2015. CGMS-44-WMO-WP-05	CGMS-44	CLOSED	HLPO #2.4
CGMS members	D.2	A43.02	CGMS members to consider the preliminary considerations on the Vision of WIGOS space-based components in 2040 and provide feedback to WMO through their representative in ET-SAT (or directly to jlafeuille@wmo.int if they are not represented in ET-SAT). Ref. CGMS-43, WMO-WP-02	Feedback received from space agencies. Closed in view of the WMO workshop on 18 November 2015.	30-Sep-15	CLOSED	HLPP # 1.1
CGMS members	D.3	A43.03	CGMS members to provide review comments on the Reference User Readiness Project, noting that the Project will be presented to CGMS-44 for endorsement as CGMS best practice (Ref. CGMS-43, WMO-WP-03)	EUM: Using it as baseline for MTG user preparation. Ongoing interaction with WMO. Considerations if document be split between operator preparedness and end-user preparedness (TBD) the former to be presented to CGMS-44. 3 Dec 2015 and 18 Jan 2016: Reminder sent to csr NOAA has provided feedback, the project has also been discussed at IPET-SUP, GSICS and CEOS CAL-VAL WG. CGMS-44 WMO-WP-xx	15-Jun-15	CLOSED	HLPP # 5.3

PLENARY - STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CMA, EUM, NOAA, ROSH	D.3	A43.04	CMA, EUM, NOAA, ROSH to appoint/reconfirm points of contact for including LEO satellites in the SATURN	CMA and NOAA provided their pocs at the meeting: tangshihao@nsmc.cma.gov.cn and Mitch.goldberg@noaa.gov EUM: sally.wannop@eumetsat.int ROSH: uspenskys@planet.iitp.ru KMA: Sung-Cheol Jung, Satellite operations division, KMA/NMSC	15-Jun-15	CLOSED	HLPP # 5.3
CGMS space agencies	D.4	A43.05	CGMS members to take into account the user requirements identified in the WMO survey when discussing continuous satellite coverage over the Indian Ocean region.	[CMA, EUM, ISRO, ROSH] EUM: Pending Council decision, EUMETSAT will relocate Meteosat-8 to support part of the IODC service. <i>CGMS-44: Closed following CGMS-44 discussion on the IODC.</i>	CGMS-44	CLOSED	HLPP # 1.1.6
WMO	D.4	A43.06	WMO to validate and consolidate the preliminary user requirements for satellite data in the Indian Ocean region with major user groups and stakeholders in the region, and to report on results to CGMS-44.	<i>CGMS-44: Closed following discussions in plenary on IODC.</i>	CGMS-44	CLOSED	HLPP # 1.1.6
WMO	D.5	A43.07	WMO to provide an update on the international observation requirements for atmospheric composition developed by the GAW Task Team, drawing on existing requirements and considering region-specific needs	CGMS-44 WMO-WP-03 <i>CGMS-44: Expected to be closed following discussions in plenary.</i>	CGMS-44	CLOSED	HLPP # 1.1
IOC-UNESCO	D.7	A43.08	IOC-UNESCO to provide a paper on guidance to CGMS members on sea ice observations	CGMS-44 IOC-WP-01 <i>CGMS-44: Closed following the related plenary session.</i>	CGMS-44	CLOSED	HLPP # 1.1
IOC-UNESCO	D.7	A43.09	IOC-UNESCO to provide status of the Second International Indian Ocean Expedition (IIOE-2) for enhanced data acquisition and management	CGMS-44 IOC-WP-02 IIOE-2 - planned as a 5-year research programme in the Indian Ocean, time to coincide with the 50th anniversary of the first IIOE. It is being sponsored by SCOR, IOC and Indian Ocean GOOS, and the IOC Assembly has adopted a resolution embracing it as a major IOC programme activity. The IIOE-2 will be formally launched in Goa December 2015. <i>CGMS-44: Closed following the related plenary session.</i>	CGMS-44	CLOSED	HLPP # 1.1
ROSH	E.1	A43.10	ROSHYDROMET to nominate a point of contact for GSICS related matters	To be treated in WGII <i>CGMS-44: Transferred to WGII</i>	CGMS-44	CLOSED	HLPP # 3.1
CMA	F.1.5.3	A43.11	IROWG encouraged CMA to provide NRT GNOS data on the GTS, and CMA agreed to investigate this further	CGMSSEC recommends this to be discussed in WGII and reported to plenary through WGII <i>CGMS-44: Transferred to WGII</i>	CGMS-44	CLOSED	HLPP # 1.1.4

PLENARY - STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

WGI co-chairs	F.2.2	A43.12	WGI Co-chairs, with the support of IOC-UNESCO, ESA and GEO to draft a CGMS letter to ITU, reminding the societal benefits and importance of all MetSats, EESS and Science Satellite Services , and need for enhancing the protection of the corresponding radio frequency bands	EUM/CGMS/LET/15/814596 sent on 14 Jul 2015 by CGMSSEC and ITU response letter of 31 July 2015 requesting an information note. Both letters were circulated through csr. The CGMS Secretariat has provided a corresponding information note in view of WRC-15 (CGMS/LET/15/823812) circulated to csr on 27 Oct 2015.	30-Jun-15	CLOSED	HLPP # 3.4
CGMSSEC	F.3.1	A43.13	CGMS Secretariat to send a letter to JCOMM requesting that the JCOMM Cross-Cutting Task Team on Satellite Data Requirements reports on the definition of satellite data for the ocean community to CGMS-44 (ref. CGMS-43 WGIV/6.2 discussions)	EUM/CGMS/LET/15/823077 sent on 14 Sep 2015 and circulated through csr on 28 Sep 2015. Response pending (11 Nov 2015) <i>26 April 2016: New point of contact: JCOMM Satellite Task Team is their Co-Chair, Dr Joel Dorandeu (jdorandeu@cls.fr).</i>	30 June 2015, CGMS-44	CLOSED	HLPP # 2.5
CMA, EUM, ISRO, ROSH	F.4.2	A43.14	The partners of the IODC roadmap to report on the implementation and progress at CGMS-44	[CMA, EUM, ISRO, ROSH] To be treated in WGIII initially and a slot in plenary has been foreseen. CGMS-44 EUM-WP-11 <i>Closed following CGMS-44 discussions/related plenary session.</i>	CGMS-44	CLOSED	HLPP #1.1.6
SWTT	F.4.4	A43.15	The Space Weather Task Team (SWTT) to report on progress at CGMS-44	SWTT meeting to be held at EUMETSAT on 11-12 Feb 2016. A reporting slot in plenary has been foreseen and action therefore closed.	CGMS-44	CLOSED	HLPP #5.2
GSICS	G.2	A43.16	GSICS to work with CEOS/WGCV to: – Describe the processes to be followed to ensure consistent calibration meeting climate requirements – Describe the required infrastructure (space-based and surface-based) supporting these processes – Review the analysis of calibration-related tasks in the logical analysis of the Architecture (with a view to provide a joint input to the Architecture for Climate Monitoring from Space) and report to CGMS-44	The action has been transferred to Dohyeong Kim (KMA), in his role as chair of the GSICS Research Working Group.	CGMS-44	CLOSED	HLPP#5.3

PLENARY - STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CGMS members	H.1	A43.17	CGMS members are invited to provide feedback to the GEO Strategic Plan 2016-2025: GEOS Implementation (including 2016 transitional Work Program) after issued the next version in the end of June 2015 to cgmsssec@eumetsat.int. Proposals are welcomed, in particular to GEONETCast and Radio Frequency Protection as candidate Foundational Tasks, as well as new activities with regard to the activities on new technology, weather and beyond.	Closed in view of the GEO Ministerial meeting early November 2015.	10-Jul-15	CLOSED	-
	I.1	A43.18	WMO and CGMSSEC to write a letter to all satellite operators in VLab (once receiving the revised expectations documents in August 2015) to: - Recall the urgency for more training giving increasing service reliance on satellites, and the upcoming generation of new satellite technology, - Recall expectations from operators, - Mention results of a VLab internal evaluation indicating that some expectations are better met than others and that there are urgent needs for ramping up support, - Suggesting that effective technical focal point be nominated / confirmed that will help CoEs address issues, - Recall the need for sustained financial support to the VLab Trust Fund.	A joint WMO-CGMS Secretariat letter (CGMS/LET/15/827442 of 14 Dec 2015 was sent and circulated to csr on 5 January 2016.	15-Sep-15	CLOSED	-
WMO/CGMS members	I.1	A43.19	CGMS members to respond to the WMO/CGMSSEC letter on VLab (reference CGMS-43 action I.1, A43.18)	Responses received from EUMETSAT, ISRO, KMA, NOAA, ... <i>CGMS-44: Following a discussion between WMO and CGMSSEC, it was agreed to close the action with a review to raise a new one in the medium term if necessary.</i>	15-Dec-15	CLOSED	-

CGMS-43 Plenary Recommendations							
"Actionee"	AGN item	Rec #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
CGMS (space agencies)	F.1.5.1	R43.01	IROWG requests that both, equatorial and polar components of COSMIC-2 are fully funded and launched; this is required for Numerical Weather Prediction, Climate, and Space Weather Long-term	<i>To be treated in WGII/III</i>	Long-term	CLOSED	HLPP ref 1.1.4

PLENARY - STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CGMS (space agencies)	F.1.5.1	R43.02	IROWG recommends targeting at least 20,000 occultations/day to be made available to the operational and research communities of Numerical Weather Prediction, Climate, and Space Weather	To be treated in WGII/III	Long-term	CLOSED	HLPP #1.1.4
CGMS members (Space agencies)	F.1.5.1	R43.03	IROWG recommends that the RO receiver design includes sufficient software/firmware flexibility to allow changes in the signal processing including processing of new GNSS signals/constellations as they become available; all receiver measurements should cover the ionosphere as well	To be treated in WGII/III	Long-term	CLOSED	HLPP #1.1.4
CGMS members (space agencies)	F.1.5.1	R43.04	International space/research agencies (e.g. NASA, ESA, CMA, CSA, NSF, NOAA, EUMETSAT and others) to hold an interagency workshop to define cooperation options for implementing the next steps towards a LEO-LEO research and demonstration mission	WGIII inter-sessional 10 Dec 2015: To be treated in WGIII	Long-term	CLOSED	HLPP #1.1.4
CGMS members	F.3.5	R43.05	CGMS members to - comment on the WMO medium-term strategy for satellite data dissemination - support the implementation of the strategy in contributing to the identified strategic targets and actions, as appropriate, and in taking the proposed strategic targets into account in their own dissemination plans	To be addressed through WGIV	CGMS-44	CLOSED	HLPP#2
CGMSSEC	G.5	R43.06	CGMS Secretariat to express the common position of CGMS members on the WMO draft resolution on data and products (CGMS-43 plen R43.03) at the WMO Cg-17 (25 May – 12 June 2015)	Expressed by CGMS Secretariat at the WMO Cg-17	27-May-15	CLOSED	HLPP #5.1
CGMS members	I.1	R43.07	CGMS members that are sponsors of VLab Centres of Excellence to review and where possible augment their support to these Centres, as per the "Procedure for establishing Virtual Laboratory Centres of Excellence for Training in Satellite Meteorology" (section 2.2, http://www.wmo-sat.info/vlab/wp-content/uploads/2012/02/Procedures-for-New-CoEs_LV2012.pdf)		CGMS-44	CLOSED	HLPP #4.2.3

WGI STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CGMS-43 WGI actions							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
EUM	WGI/I	A43.01	EUMETSAT to contact IROWG Chair to confirm needs for dedicated frequency protection for GNSS	Action closed during CGMS-43. (Need to improve characteristics of the receivers. Space agencies to enhance the specifications to make manufacturers aware).	22 May 2015	CLOSED	-
EUM	WGI/I	A43.02	CGMS Liaison officer to SFCG to report to CGMS WG-I on the discussions and disposition of SFCG on all topics of interest to the different CGMS members. For achieving that a dedicated CGMS Secretariat WG-I working paper will be prepared by EUMETSAT Frequency Manager (in the role of liaison officer from CGMS to SFCG) and will be released to the participants of WG-I before end of the corresponding year. Based on the contents, CGMS members will decide the level of information they will include in their specific reports to CGMS for the corresponding WG-I meeting	CGMS-44 EUM-WP-01 and -02	30 Dec 2015	CLOSED	HLPP #1.3
CGMS space agencies	WGI/4.2	A43.03	CGMS members to comment on the work done in the context of the EUMETSAT provided VIIRS Regional Service, and to provide feedback on the proposal to define a standardised compact product format, generalised to cover the advanced imagers of the current and planned polar orbiting satellites.	WGIV webex #2 - encouraged space agencies to contribute with working papers.	CGMS-44	CLOSED	HLPP #2.6
NOAA	WGI/4	A43.04	NOAA to assess the need for user registration for Direct Broadcast	CGMS-44 NOAA-WP-xx	CGMS-44	CLOSED	HLPP #1.4
CGMS mebers	WGI/5	A43.05	CGMS Members to assess, comment on the info package for the SATCOM Forum prepared by the appointed CGMS representative	The CGMS representative (Sean.burns@eumetsat.int) will attend the SATCOM executive committee meeting on 23 Feb 2016. The first SATCOM forum will be held on 27-29 September alongside the Met tech expo and the WMO TECO in Madrid, Spain. CGMS-44 EUM-WP-04	30 Oct 2015	CLOSED	HLPP #1.2.1
WMO	WGI/6	A43.06	WMO to assess the impact of improved data latency from polar orbiters on NWP (WMO Impact Workshops) and other applications	Next WMO workshop will take place in May 2016 (China), hence there might be a verbal/preliminary report only to CGMS-44.	(CGMS-44) New deadline CGMS-45	OPEN	HLPP #1.4.5
CGMS-43 WGI Recommendations							
"Actionee"	AGN item	Rec #	Description	Action feedback/closing document	Deadline	Status	HLPP ref

WGI STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

WMO	WGI/3	R43.01	WMO to make the information on all (active, passive and comms) frequency use available and searchable in OSCAR/Space, such that pre-defined reports are easily accessible via external hyperlinks	WGIV webex #2 9 Dec 2015: WMO likely to make a presentation on OSCAR/Space and its evolution at CGMS-44. Main source on frequencies is the SFCG database. To assure there is no duplication of effort, coordination required between WMO and SFCG databases. SFCG data bases: X-band database open, disaster database open, frequency is pwd restricted. Suggested that WMO participates in the next SFCG meeting in Mainz, Germany, 7-15 June 2016, for the coordination of the two (or more?!) databases (following CGMS-44).	CGMS-44	CLOSED	HLPP # 1.3
CGMS members	WGI/3	R43.02	Recommends CGMS members to continue bringing all frequency management and coordination issues under the expert forum of SFCG and actions the liaison officer (from CGMS to SFCG) to report to CGMS WG-I all aspects of SFCG discussions considered of relevance to CGMS.		CGMS-44	CLOSED	HLPP # 1.3
WMO	WGI/6	R43.03	WMO DBNET Coordination Group to report annually to CGMS WG-I on status and progress	Discussed at WGI webex session 21 Oct 2015 (best practice proposal). WMO DBNet presentation to be circulated to WGI (NOAA, EUM, CMA and ROSH in particular - LEO satellites with direct broadcast CGMS-44 WMO-WP-10	CGMS-44	CLOSED	HLPP # 1.4.5
CGMS space agencies	WGI/6	R43.04	CGMS agencies to publish details on their SG-ICD with enough lead time to allow RARS/DBNET operators to plan their technical systems in advance (to be included in CGMS best practices)	WGI webex session 21 Oct 2015: To be addressed at CGMS-44. EUM circulate a template in January 2015 to be used in the future webex sessions.	CGMS-44	CLOSED	HLPP # 1.4.5
CGMS space agencies	WGI/6	R43.05	CGMS agencies to make use of RH circular polarisation for future Direct Broadcast systems, if technically feasible.	To be addressed at CGMS-44, in particular CMA's plans for FY-3E	CGMS-44	CLOSED	HLPP # 1.4.5

WGII STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

WGII actions open from previous plenary sessions (at CGMS-43)							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
JMA	WGII/8	41.26	JMA to establish an environment to implement multiple algorithms to retrieve quantitative ash cloud parameters from operational satellites. This will serve as a test bed for the intercomparison of retrievals on an operational basis in the framework of SCOPE-Nowcasting. JMA is invited to perform an intercomparison based on historical data and report on this to CGMS-42.	<p>JMA introduced software based on EUMETSAT approach to the testbed, and started validation activities in collaboration with Tokyo VAAC. The NOAA algorithm will also be included.</p> <p>CGMS-42 JMA-WP-07/ppt: VA retrieval intercomparison activity started and workshop to be organised in the framework of WMO SCOPE-Nowcasting at SSEC, Madison, on 29 June-2 July 2015 (a preparatory meeting was held on 20-23 October 2014). The JMA testbed will be useful once results from VA retrieval algorithm intercomparison are available.</p> <p>New deadline following discussions at CGMS-42.</p> <p>CGMS-43-JMA-WP-05 (Section 2)</p> <p>New deadline following CGMS-43 WGII discussions.</p> <p>WMO to report on VA Intercomparison at CGMS-44</p> <p>Nov 2015: JMA has received NOAA/NESDIS VA Algorithm, and is now tuning it for JMA NWP and SST data. Until March 2016, which means end of FY of JMA, VA testbed will be started with EUMETSAT and NOAA/NESDIS algorithms for some typical cases. JMA will report to CGMS-44. <i>CGMS-44: Reported on in CGMS-44-JMA-WP-04 and discussed in WGII.</i></p>	(CGMS-41/-42/-43) New deadline: CGMS-44	CLOSED	HLPP #3.2.2

WGII STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CMA, EUM, JMA, NASA, NOAA, WMO	WGII/3	A42.02	The new task team on calibration events logging to identify a common set of parameters to be monitored as part of the calibration events logging and sensor performance monitoring.	<p>1st step: Template for calibration event landing pages presented at GDAWG in March 2015. New version of OSCAR/Space allows for identification of individual instruments and thus linking to calibration event test pages, test mode of new version of OSCAR/Space continuing until 1 month before CGMS-43;</p> <p>2nd step: Draft a white paper to agree on common terminology to be used on landing pages, foreseen in 2015/2016 for presentation to CGMS-44. CGMS-43 EUM-WP-10 CGMS-43-JMA-WP-03 (Section 2.4)</p> <p>NOAA: Work ongoing as a part of the GSICS work plan. Next steps are gathering information and agreeing on common terminology.</p> <p>New deadline following CGMS-43 WGII discussions.</p> <p>Nov 2015: Co-chair R Roebing, drafting white paper to be circulated within ICWG by end 2015 in preparation of CGMS-44. To be included in the GSICS paper following the new WGII agenda (possibly EUMETSAT's paper - TBD). CGMS-44: Delays incurred - new deadline proposed.</p>	(CGMS-43) New deadline: CGMS-45	OPEN	HLPP#3.1
KMA	WGII/4	A42.03	KMA is invited to present a paper of different sources of soil moisture retrieval on their NWP forecasts	<p>CGMS-43-KMA-WP-04: Test use of Metop-B/ASCAT on their global NWP system</p> <p>New deadline following CGMS-44 WGII discussions - KMA NWP centre have not yet concluded analyses.</p>	(CGMS-43) New deadline: CGMS-45	OPEN	-
CGMS-43 WGII actions							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
CGMS space agencies	WGII/3	A43.01	Calibration events logging task team to prepare a white paper outlining the set of parameters, the nomenclature, and the standards to be used for reporting on instrument calibration across space agencies.	<p>Nov '2015: Part of/related to CGMS-42 action 42.02. <i>CGMS-44: Work in progress, new deadline proposed.</i></p>	(CGMS-44) New deadline CGMS-45	OPEN	HLPP # 3.1

WGII STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

GSICS	WGII/3	A43.02	GSICS to document and implement its approach to manage changes in reference instruments.	Nov 2015: GSICS research working group to look into this. A specific working paper will be prepared in response to this action. CGMS-44-GSICS-WP-02	CGMS-44	CLOSED	HLPP # 3.1
ROSH	WGII/3	A43.03	Roshydromet to present an update on Meteor-M N2 data access, processing packages, and results of an intercomparison of the IKFS-2 with other hyperspectral sounders (IASI, AIRS, CrIS), to CGMS-44.	Nov 2015: ECMWF has looked at microwave instruments which were reported on at the recent ITSC. ITWG and CGMS welcomes the sharing of data by ROSH, and further collaboration is expected. EUM has received Meteor-M N2 sample data of the MTVZA-GY Imaging/Sounding Microwave Radiometer (29 channels) and dissemination through EUMETCast is expected in Q1 2016 pending EUM Council approval in Dec 2015. mtg. ROSH will deliver a L1 pre-processing software to EUMETSAT early 2016. <i>CGMS-44: No progress reported at CGMS-44 - proposed new deadline.</i>	(CGMS-44) New deadline CGMS-45	OPEN	HLPP # 1.4
CGMS space agencies	WGII/3	A43.04	CGMS operators to provide a report on their approach on cal/val, including information on dedicated campaigns and permanent sites, and potential support to cal/val infrastructure, in order to maximize benefits of satellite missions.	Nov 2015: Feedback is expected as part of the general agency report or in a dedicated WP for the proposed new WGII agenda item 4 (CGMS-44 WG II item 8). 3 agencies responded (JMA; NOAA NASA); keep open as action for CGMS-45 for remaining agencies.	(CGMS-44) New deadline CGMS-45	OPEN	-
CGMS space agencies	WGII/3	A43.05	CGMS operators to report on their specific plans for reprocessing and associated user requirements (such information would be useful for the ISWGs).	Item 8 - NASA, and NOAA responded (WP-09) keep open as action for CGMS-45 for remaining agencies.	(CGMS-44) New deadline CGMS-45	OPEN	HLPP # 3.3, 3.6
GSICS	WGII/3	A43.06	GSICS to establish the requirements for absolute lunar calibration and prepare a white paper describing the tentative way to meet those requirements in case they go beyond those lunar calibration capabilities.	Nov '2015: EUMETSAT is working on this and will prepare a WP for CGMS-44. Adressed in CGMS-44 GSICS-WP-01	CGMS-44	CLOSED	HLPP # 3.1

WGII STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

IPWG	WGII/5	A43.07	The session recommended a stronger application focus of IPWG (e.g, NWP, hydrology, agriculture), and asked IPWG to organize a IPWG-NWP workshop in 2015 or 2016.	<p>Outgoing IPWG co-chairs Wang and Aonashi were part of the organizing committee for the 3rd Joint JCSDA-ECMWF Workshop on Assimilating Satellite Observations of Clouds and Precipitation into NWP Models (which was suggested as an action at IPWG-7). The meeting will take place Dec 1-3, 2015 at NOAA in College Park, Maryland USA. Additionally, the current IPWG co-chairs Roca and Tufa are considering an IPWG sponsored Africa focused user workshop for sometime in 2016 (somewhere in Africa, TBD).</p> <p>Nov 2015: sPending upcoming workshop. IPWG requested to report on the outcome of the Dec '15 workshop at next WG II intersessional meeting (Feb '16).</p> <p>Current IPWG co-chairs looking into possibility of a user applications workshop in Africa</p> <p>CGMS-44 IPWG-WP-01</p>	CGMS-44	CLOSED	HLPP #3.2
NASA, JAXA	WGII/5	A43.08	NASA and JAXA to provide information about availability of GPM data on near real-time data distribution channels (GTS, DVB-S).	Nov 2015: Action closed following discussions during the review of the draft CGMS-43 meeting report.	30-Jul-15	CLOSED	HLPP # 2.3
IWWG	WGII/6	A43.09	IWWG to define the experiments for the next intercomparison at the next IWW workshop in 2016. [For co-chairs at next IWWS]	Addressed in CGMS-44 IWWG-WP-01	CGMS-44	CLOSED	HLPP # 3.2.1
CGMS RO space agencies	WGII/7	A43.10	CGMS members that operate RO instruments to explore RO capabilities to support space weather applications and report on their support to space weather application to CGMS-44.	Nov 2015: EUM is exploring this since it is relevant for the EPS Second Generation activities and it is currently discussed by EUM within the framework of the next reference period for the EUMETSAT Satellite Application Facilities (SAFs) 2017-2022. A EUM WP is expected for CGMS-44 .	CGMS-44	CLOSED	HLPP # 5.2
WMO	WGII/8	A43.11	WMO to provide a report on the volcanic ash intercomparison within SCOPE-Nowcasting at CGMS-44.	<p>Nov 2015: A workshop took place in June 2015 and WMO expect to report on this at CGMS-44.</p> <p>Addressed in CGMS-44 WMO-WP-15</p>	CGMS-44	CLOSED	HLPP # 3.2.2

WGII STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

NASA	WGII/10	A43.12	NASA to report on polar-based RGB composite viewing angle corrections to CGMS-44.	Nov 2015: NASA is preparing a manuscript for publication to be available early 2016 and results will be presented to CGMS-44. CGMS-44 NASA-WP-03	CGMS-44	CLOSED	-
CGMS members	WGII/10	A43.13	(Action transferred from WGIV) CGMS members that have not yet done so to nominate focal points that would work with the WMO Secretariat in populating the WMO Product Access Guide.	<ul style="list-style-type: none"> • ESA: Jean-Louis Fellous jfellous@noos.fr • EUM: Sally Wannop, Sally.Wannop@eumetsat.int • JMA: Daisaku Uesawa, satellite@ml.kishou.go.jp • NOAA: Tony Mostek, anthony.mostek@noaa.gov • ROSH: Dr. Sergey Uspensky, Head of Department, SRC "PLANETA" uspenskys@planet.iitp.ru • CMA: Xu Zhe, xuzhe@cma.gov.cn NASA: Richard.Eckman, richard.s.eckman@nasa.gov KMA: Chu-Yong CHUNG (Mr), Senior Researcher NMSC/KMA, cychung@kma.go.kr J. WOO (Ms) superjwoo@korea.kr Nov 2015: Closed on the occasion of WGII inter- sessional meeting 25 Nov 2015.	30-Jul-15	CLOSED	-
CGMS members	WGII/10	A43.14	CGMS members to provide responses to the questionnaire on use of satellite data for SRNWP from experts (in their organization) and provide a compilation of responses to CGMS-44.	Nov 2015: Feedback to EUMETSAT will be required by CGMS Members by end Feb 2016 to enable compilation and summary/analysis of the responses to CGMS-44. CGMSSEC to remind/inform CGMS members accordingly. <i>18 Feb 2016: NASA feedback by e-mail to CGMSSEC. April 2016: JMA feedback.</i> Summarized in CGMS-44 EUM-WP-10	CGMS-44	CLOSED	HLPP # 1.4.5
NASA	WGII/10	A43.15	NASA to report on progress in testing the use of surface pressure retrievals from OCO-2 by NWP centres, with a view to report on results at the WMO Impact workshop in May 2016 (and to CGMS-44).	Nov 2015: CGMS-44 NASA-WP-04	May 2016 and CGMS-44	CLOSED	HLPP #
CGMS-43 WGII Recommendations				iwww			
"Actionee"	AGN item	Rec #	Description	Action feedback/closing document	Deadline	Status	HLPP ref

WGII STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

SCOPE-CM members	WGII/3	R43.01	SCOPE-CM to invite contributions to its next call for proposals, with particular regard to the sea ice, snow cover and land surface temperature communities, and others currently not represented.	SEP in Sep 2016 to decide on approach regarding next call for proposals	End 2015	OPEN	HLPP # 5.3
CGMS members	WGII/3	R43.02	CGMS members to consider removing spectral gaps from future hyperspectral sounders to support GSICS intercalibration of IR imagers.			OPEN	HLPP # 3.1
CGMS members	WGII/6	R43.03	CGMS members to consider include a water vapour channel and a CO2 channel to polar-orbiting imagers, to maintain accuracy and coverage of polar winds and cloud height retrievals achieved by MODIS.			OPEN	HLPP # 1.1.6
CGMS space agencies	WGII/3	R43.04	CGMS operators to consider displaying instrument performance in a way similar to the ICVS. NOAA could share the software among CGMS operators.		CGMS-44	OPEN	HLPP # 3.1
NOAA	WGII/3	R43.05	NOAA to organize a workshop for CGMS operators on ICVS software design and development, and implementation.	Workshop organized by NOAA on 8-12 August 2016 in College Park MD, USA; with side event on ICVS.	CGMS-44	OPEN	HLPP # 3.1
GSICS members	WGII/3	R43.06	Members to strengthen their engagement in GSICS and in particular in its GDWG.			OPEN	HLPP # 3.1
CGMS space agencies	WGII/10	R43.07	CGMS agencies to make available a non real-time cache of satellite level 1 data over the previous 2-3 months, similar to the NOAA CLASS system.	CGMS-44 IMD: At present there are no such plans (until a new data centre is installed).	CGMS-44	OPEN	HLPP # 2.
ROSH	WGII/4 and WGII/8	R43.08	Roshydromet is invited to attend the next sessions of the ICWG, ITWG and the other Int'l Science Working Groups.	Nov 2015: 2 participants from ROSH attended latest ITSC (plus 2 persons from St Petersburg). Recommendation closed following WG II IS#1 on 25 Nov 2015.	CGMS-44	CLOSED	-
CGMS space agencies (EUM, CMA, ROSH, ISRO)	WGII/10	R43.09	CGMS operators (EUM, CMA, ROSH, ISRO) to ensure continuity of geostationary coverage and data access over the Indian Ocean area.	CGMS-44 EUM-WP-11 and -14	CGMS-44	OPEN	HLPP # 1.1.6
ISRO	WGII/5	R43.10	ISRO is encouraged to implementing a multi-sensor precipitation estimate based on SAPHIR and INSAT-3D		CGMS-45	OPEN	HLPP # 3
ICWG, IWWG	WGII/6 and WGII/8	R43.11	ICWG and IWWG to liaise as appropriate on the provision of further information characterising the AMV derivation for enhanced QC and error characterisation.		CGMS-45	OPEN	HLPP # 3.5.2
IWWG, IPET-OSDE	WGII/6	R43.12	IWWG to liaise with the application focal points in the WMO RRR process (on IPET-OSDE) to provide feedback on the winds-related observation requirements in the RRR database.		CGMS-44	OPEN	HLPP # 1.1

WGII STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CGMS space agencies	WGII/7	R43.13	CGMS Members to approach Operators of GNSS systems to request them to provide a minimum level of information on the signal structure and interface control (ICD) in a timely manner to enable the use of these for future RO missions.		CGMS-44	OPEN	HLPP # 1.1.3
ICWG	WGII/8	R43.14	At its next meeting (May 2016), ICWG should put focus on investigating data from the new-generations instruments on Himawari-8 and if available GOES-R for the retrieval of cloud parameters.	Nov 2015: The ICWG has established a Topical Group titled "Assessment of level-2 Passive Imager Cloud Parameter Retrievals" that is lead by Yong-Sang Choi (Ewha Womans University, Korea). Among other, this Topical Group will assess, for 19 August 2015, the differences in Cloud Parameter Retrievals over the Asian region, using retrievals from Himawari, METEOSAT-7, and some other Asian instruments as well (not yet decided).	20-May-16	OPEN	HLPP # 3.2.4

Actions from plenary CGMS-43:

ROSH	E.1	A43.10	ROSHYDROMET to nominate a point of contact for GSICS related matters	To be treated in WGII. CGMS-44: ROSHYDROMET has confirmed their poc for GSICS	CGMS-44	CLOSED	HLPP # 3.1
CMA	F.1.5.3	A43.11	IROWG encouraged CMA to provide NRT GNOS data on the GTS, and CMA agreed to investigate this further	CGMSSEC recommends this to be discussed in WGII and reported to plenary through WGII	CGMS-44	OPEN	HLPP # 1.1.4

WGIII STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

WGIII actions open from previous plenary sessions (at CGMS-43)							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
ISRO	WGIII/2.2	A42.05	ISRO to report at CGMS-43 on its progress on radio-occultation processing of ROSA on Oceansat-2 and Megha-Tropiques, and on the possibility of near-real time access to ROSA data acquired at a high latitude station such as Svalbard.	CGMS-43 ISRO-WP-03 partially closed. NRT access to ROSA data remains open. CGMS-44:	(CGMS-43) new deadline CGMS-44	OPEN	HLPP#1.1.4
EUM, ISRO	WGIII/2.2	A42.08	ISRO and EUMETSAT to report at CGMS-43 on their discussions on data dissemination collaboration for SCATSAT data.	Ongoing. New deadline following CGMS-43 WGIII discussions. Nov 2015: EUM-ISRO discussions ongoing. WGIII intersessional 10 Dec: 2015: EUM expects to report to CGMS-44 CGMS-44: EUMETSAT provided a verbal report. Implementation is under way.	CGMS-43) new deadline CGMS-44	CLOSED	HLPP#1.1.3
CGMS-43 WGIII actions							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
NOAA	WGIII/2.2	A43.01	NOAA to report on results of new OSSE on radio occultation.	WGIII inter-sessional 10 Dec 2015: NOAA will report at next intersessional meeting. CGMS-44-NOAA-WP-12: NOAA's Update Observing System Simulation Experiments (OSSE) with GNSS Radio Occultation Observations (In response to Action # 43.01)	CGMS-44	CLOSED	-
WMO	WGIII/2.2	A43.02	WMO to report on the outcome of the WMO Impact Workshop in May 2016.	Verbal report to CGMS-44 by WMO (LP Riishojgaard)	CGMS-44	CLOSED	-
WMO	WGIII/6	A43.03	WMO to report on the status of the Vision for the WIGOS space-based component in 2040 in WGIII meeting at CGMS-44.	WMO/NOAA report at CGMS-44 expected CGMS-44 WMO-WP-01	CGMS-44	CLOSED	-
CGMS-43 WGIII Recommendations							
"Actionee"	AGN item	Rec #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
CGMS members	WGIII/2.2	R43.01	CGMS members are encouraged to consider including RO capabilities on all future polar-orbiting satellites.		Ongoing	OPEN	-
IPWG	WGIII/2.2	R43.02	IPWG should consider reporting impact of both passive microwave imaging and active dual-band radar to WMO Impact Workshop in May 2016.	Nov '15: White paper expected around mid 2016. Lead: Remy Roca. CGMS-44 IPWG-WP-01	01-Nov-15	CLOSED	-
CGMS members (CMA, EUM, ISRO, ROSH)	WGIII/2.3	R43.03	CGMS members to take into account the user requirements identified in the WMO survey (CGMS-43-WMO-04) when discussing continuous satellite coverage over the Indian Ocean region.	CGMS-44 EUM-WP-11 and -14	CGMS-44	CLOSED	-

WGIII STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CGMS members	WGIII/3	R43.04	CGMS satellite operators to keep WMO informed of satellite/instrument commissioning dates or termination dates and prepare individual instruments "landing pages" that could be pointed to by OSCAR.	CGMS-44-WMO-WP-14	Ongoing	OPEN	-
--------------	---------	--------	--	-------------------	---------	------	---

WGIV STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

WGIV Actions open from previous plenary sessions (at CGMS-43)							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
CGMS Members	WGIV	A39.51	Action 39.51: All CGMS Members to propose using interoperability standards for providing and sharing of climate data records and report on their efforts at the next meeting of CGMS Deadline: CGMS-40	<p>EUMETSAT: No further developments since CGMS-39. EUMETSAT is prepared to revisit this following an input from other CGMS members. NOAA provided inputs which were circulated via the CGMS list server on 02/11/12. Other CGMS members to provide their input. CGMS-41 WGIV commented that a more standardised solution is needed. Further discussion could take place at the EUMETSAT-WCRP Symposium on climate research and Earth observation from space planned for October 2014 if not completed earlier.</p> <p>Feb '15: Outcome still pending. WG-IV at CGMS-43 recommended to highlight this topic at plenary, in particular during the Climate session G.</p> <p>after consultation with John Bates (CEOS) who provided a presentation about data access, it is recommended to address this at the first inter-session meeting</p> <p>Presentation provided at WGIV webex Oct 2015. webex #2 9 Feb 2015: WGIV rapporteur discussed matter with new vice chair of CEOS-CGMS JWG Climate and he will come back with a proposal and might be taken over by the JWG.</p> <p>Jan 2016: CEOS/CGMS WG Climate will integrate the action into the 2016 work plan of WG Climate with the aim to discuss the matter at the next WG Climate meeting in March 2016 and to provide a document to CGMS-44. Information circulated to csr on 10 Feb 2016.</p> <p><i>CGMS-44: See CGMS-44-JWG CLIM-WP-02 and related new recommendation/action closed for WG-IV.</i></p>	(CGMS-40, -42) New deadline CGMS-44	CLOSED	HLPP#5.1.3

WGIV STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

(CGMS satellite operators) ROSH	WGIV	A40.37	CGMS satellite operators to report about the implementation of the World Geodetic System (WGS84) and Earth Geodetic Model (EGM-96) geographical reference systems.	<p>EUMETSAT has updated the standard and reported that it will implement the new standard starting with the next generation of GEO satellites MTG.</p> <p>JMA has recently made up a new document for the format of "Himawari standard data" and it adopts WGS84 for the reference of geodetic parameters. The document has been available on the JMA/MSW Web site since 30 October 2013. http://www.data.jma.go.jp/mscweb/en/himawari89/space_segment/hsd_sample/HS_D_users_guide_en_v11.pdf</p> <p>IMD is using WGS84 for Insat 3D as documented in the product guide "INSAT/DP/SAC/SIPA/DPSG/TN-02/Ver 1.3/Mar 10" (provided by IMD).</p> <p>KMA: COMS HRIT and LRIT data is based on CGMS LRIT/HRIT Global Specification (Issue 2.6, not WGS84). KMA does not plan to adopt WGS84 for the COMS data. For GK-2A which is the COMS follow-on, KMA will adopt WGS84 for HRIT, LRIT and UHRIT (all 16 channels data) disseminated by GK-2A to users. Documentation will be available in the near future.</p> <p>Other CGMS members (CMA) to report on the implementation.</p> <p>CGMS-42-ROSH-WP-02: Open. CGMS-43-JMA-WP-08 (Section 2)</p>	(CGMS-41, 42, -43) New deadline CGMS-44	CLOSED	HLPP #3.2
---	------	--------	--	---	--	---------------	-----------

WGIV STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

				<p>NOAA does not have plans to use WGS-84 for GOES-R, but will instead use GRS-80. See more information here: http://www.goes-r.gov/users/docs/PUG-main-vol1-verC.pdf & NOAA does not have plans to use WGS-84 for GOES-R, but will instead use GRS-80. See more information here: http://www.goes-r.gov/products/docs/PUG-Vol-5A-vC.1-Interim.pdf. Current POES are using WGS-72. Suomi NPP and JPSS will use WGS-84. <i>WG-IV at CGMS-43: change actionee to Roshydromet.</i></p>			
--	--	--	--	---	--	--	--

WGIV STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

ROSH	WGIV	A40.38	<p>ROSHYDROMET to report at CGMS-41 on the technical modalities for the near-real time provision of Meteor-M global data sets and associated ancillary information, as needed to fully contribute to the GOS.</p>	<p>This action was previously WGII 40.29. Following the CGMS-40 debriefing on 9 November 2012 it was decided to allocate it to WGIV. A new satellite of Meteor-M series is to be launched in 2013. After the commissioning phase ROSH will review the technical modalities for the near real time provision of Meteor-M data and associated ancillary information.</p> <p>CGMS-42 ROSH-WP-02: A new Meteor-M satellite is to be launched in summer 2014. After the commissioning phase Roshydromet will review the technical modalities for the near-real time provision of Meteor-M data and associated ancillary information based on instrument operational functionality.</p> <p>Apr 2015: Meteor-M N2 is now operational. There are still calibration issues to be resolved for major instruments. Microwave sounder MTVZA-GY data simulation is now being supported by the RTTOV v11 package. Provision of global datasets could be discussed.</p> <p>ROSH was unable to attend CGMS-43 and the action was postponed to CGMS-44</p> <p><i>CGMS-44: ROSHYDROMET: Meteor M-N2 and Elektro-L-N1/N2 are using WGS-84. see CGMS-44-ROSH-WP-05</i></p>	(CGMS-41, 42, -43) New deadline CGMS-44	CLOSED	HLPP#2.8
------	------	--------	---	--	--	---------------	----------

WGIV STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

EUMETSAT	WGIV/2	A41.49	EUMETSAT to present the MTG dissemination baseline for RA-I (Africa).	<p>CGMS-42: Definition is in progress but too premature to report upon. Jan 2015 IS#1 WGI/WGIV webex session: A study is under preparation bringing together three user community. Unlikely that results will be available for CGMS-43. Verbal status report to be provided. Output will serve as input to data dissemination baseline for Africa.</p> <p><i>WG-IV at CGMS-43: verbal status by EUMETSAT: Study is in progress and the results will be provided at CGMS-44.</i></p> <p><i>Webex WGIV 21 Oct 2015: WMO RA1 expert group meeting discussions in Aug 2015. Users do not make use of all available channels however users would like to have all MTG data. Migration from 2nd to 3rd generation is critical. Report by EUMETSAT expected at CGMS-44.</i></p> <p><i>Webex WGIV 9 Dec 2015: Transition scenario to be presented to EUM sr mgmt in Jan 2016. MTG Africa dissemination baseline concept note proposal preparation ongoing. Data volume and bandwidth issues to be considered. Baseline will be ready by the time MTG will be ready but not in the immediate future and the action will be ongoing. It is suggested to close this action but to have it included in the preparation for the user preparation phase for Africa. Verbal summary will be provided to CGMS-44 (and future meetings). 2016 internal EUM project formally to be kicked-off to include this activity.</i></p> <p><i>CGMS-44-WMO-WP-07 superseded by new action on user preparation, can be closed</i></p>	(CGMS-42, -43) new deadline CGMS-44	CLOSED	HLPP# 2.2, #5.3
----------	--------	--------	---	--	---	---------------	-----------------

WGIV STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

(CGMS members) CMA	WGIV/8	A41.56	Each CGMS member to review the GEO version of the Long Term Data Preservation Guidelines (GEO LTDP) and provide feedback on the applicability of each single guideline to its own organisation by creating a compatibility table for the organisation	CGMS-42-ROSH-WP-02: Still open CGMS-42-NOAA-WP-01: In general, NOAA is compliant with the GEO Long Term Preservation Guidelines (GEO LTDP) since these guidelines are based upon the Reference Model for an Open Archival Information System (OAIS-ISO 14721) and Producer Archive Interface Methodology Abstract Standard (PIAMAS-ISO 20652). Please see WP for full feedback. EUM: Michael Schick. <i>WG-IV at CGMS-43: further feedback expected by CMA only, change actionee to CMA, deadline Dec 2015</i> <i>See CGMS-44-CMA-WP-07</i>	(CGMS-42, -43) new deadline 31 Dec 2015	CLOSED	HLPP#5.1
WMO	WGIV/8	A41.57	WMO to provide feedback from CCI (Commission for Climatology) regarding the GEO LTDP.	Jan 2015: CCI to still provide feedback. WMO to remind them. <i>WG-IV at CGMS-43: a last reminder to be sent, topic for intersessional meeting, deadline Dec 2015, then closure with or without feedback. No feedback received [Mar 2016]</i> <i>Closed following discussions in WGII at CGMS-44</i>	(CGMS-42, -43) new deadline 31 Dec 2015	CLOSED	HLPP#5.1
CGMS members	WGIV/9	A42.05	CGMS Members to provide detailed comments on the Reference User Readiness Project to WMO (sbojinski@wmo.int)	EUM: Input on MTG provided through the WMO ET-SUP. This is now referred to SATURN Satellite User Readiness Navigator, part of SATURN portal. https://www.wmo-sat.info/satellite-user-readiness/ <i>WG-IV at CGMS-43: extend deadline to CGMS-44</i> <i>Superseded by "Best Practices" WPs, can be closed.</i>	(CGMS-43) new deadline CGMS-44	CLOSED	HLPP# 5.3
CGMS-43 WGIV actions							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref

WGIV STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CGMS members	WGIV/3	A43.01	CGMS members to comment on "WMO Satellite Data Dissemination Strategy" (CGMS-43-WMO-WP-09)	EUM: Will provide comments directly to WMO prior to CGMS-44. Closed following discussions at CGMS-44.	CGMS-44	CLOSED	-
EUMETSAT	(WGIII/2.) WGIV/4?	A43.02	(Action transferred from WGIII) EUMETSAT to propose dissemination plan for data from Indian Ocean Data Coverage partners identified in CGMS-43-EUM-14 roadmap.	WGIV webex 9 Dec 2015: WMO seeking to assure that the dissemination to users will be equivalent to the current one (EUMETSAT, CMA, ROSH and ISRO to collaborate and clarify this in view of CGMS-44. EUMETSAT makes FY-2E data available through EUMETCast. EUM expects its Council to take a decision on moving Meteosat-8 to ca 40 degr E in June 2016 (after CGMS-44). <i>See CGMS-44 EUM-WP-14, extend deadline to CGMS-45, ongoing work</i>	(CGMS-44) New deadline CGMS-45	OPEN	-
NOAA	(WGI/4) WGIV/7?	A43.03	NOAA to consider including GLM products in the HRIT stream	Webex 21 Oct 2015 discussion: NOAA is working on it, and final product list will be ready in the course of 1st 1/2 of 2016. <i>NOAA is planning to include it in an updated Q3 2016 product list, extended deadline.</i>	(CGMS-44) New deadline Dec 2016	OPEN	-

WGIV STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CGMS members	WGIV/10.1	A43.04	CGMS members to provide comments on the Progress Report of Task Team on discovering Meta Data (CGMS-43-EUMETSAT-WP-19)	<p>Ongoing. CGMS TF-MI chair [EUM] will provide feedback to the corresponding WMO technical groups for review/information.</p> <p>Oct 2015:</p> <ul style="list-style-type: none"> - The 7th CGMS-WMO TFMI Telco took place on 8 Oct 2015. Minutes: https://github.com/CGMS-TFMI/CGMSTFMI-Teleconferences/blob/master/20151008-TF-MI-7th-Telco/20151008-CGMS-TF-MI-7th-Telco-Minutes_v1.0.docx - The Mapping of the Information Model developed by the CGMS WMO TFMI to WMO Core Profile 1.3 will be complete by end Dec 2015. - A list of representative products from each organisations will be defined and finalised by end Nov 2015. - Each member organisation will provide by end Nov 2015 a spreadsheet for at least one of their products with the information for describing the product as defined in http://www.cgms-info.org/documents/CGMS-TF-MI-SatelliteDataEssentialInformationForDiscoveryMetadata.pdf - Complete documentation and examples to be provided for March 2016 and submitted to CGMS Working group IV, WMO IPET-MDRD and WMO ET-WISC (GISC Task Team). <p>WGIV webex 9 Dec 2015: Task Team will conclude its activities prior to CGMS-44 and an endorsement will be required by plenary for the description of satellite data.</p> <p><i>Closed following CGMS-44-EUMETSAT-WP-17</i></p>	CGMS-44	CLOSED	-
--------------	-----------	--------	--	--	---------	---------------	---

WGIV STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

EUMETSAT	(WGI/6) WGIV/10.1	A43.05	CGMS Task Team on metadata to define discovery metadata for DBNET	WGIV webex 9 Dec 2015: Draft DBNet guide submitted to TT, for cross-checking. To assure meta data aspects are taken into account. Expected to be endorsed as part of the final report. <i>CGMS-44-EUMETSAT-WP-17, ongoing work, extended deadline.</i>	(CGMS-44) New deadline CGMS-45 (TFM????)	OPEN	-
CGMS members		A43.06	CGMS members to provide a listing of their data access portals.	CGMS-44-NOAA-WP-14 PPT EUM: http://navigator.eumetsat.int https://eoportal.eumetsat.int <i>Deadline extended following CGMS-44. OSCAR to be checked by the CGMS agencies</i>	(CGMS-44) New deadline CGMS-45	OPEN	-
CGMS-43 WGIV Recommendations							
"Actionee"	AGN item	Rec #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
CGMS space agencies	WGIV/7	R42.01	Satellite operators to provide WIS Discovery Metadata Records, compliant to WIS requirements and following the guidance to be provided by the CGMS-WMO Task Force on metadata implementation, in order to facilitate satellite information discovery and access	NOAA: Related to metadata, the best reference is NGDC metadata provided here the URL: http://www.ngdc.noaa.gov/metadata/ <i>WGIV CGMS-43 discussions: Ongoing and routine activity. Recommendation maintained until CGMS-44</i> <i>WGIV webex 9 Dec 2015: To be taken up at the TT on Meta Data meeting the week of 14 Dec 2015.</i> <i>See CGMS-44-EUMETSAT-WP-17. Recommendation is still valid, to be extended.</i>	(CGMS-43) New deadline CGMS-45	OPEN	HLPP# 2.9

SWTT STATUS OF ACTIONS AND RECOMMENDATIONS (resulting from CGMS-44, 5-10 June 2016)

CGMS-43 SWTT actions							
Actionee	AGN item	Action #	Description	Action feedback/closing docu	Deadline	Status	HLPP ref
SWTT Chair	Ad hoc SW	A43.01	SWTT Chair to convene an intersession meeting to translate the ToRs into specific objectives for the HLPP and to define next steps for action until CGMS-44	Meeting held on 11-12 Feb 2016. Closed following CGMS-44 plenary discussions.	2 Sept 2015, CGMS-44	CLOSED	-
CGMS-43 SWTT Recommendations							
"Actionee	AGN item	Rec #	Description	Action feedback/closing docu	Deadline	Status	HLPP ref
SWTT	Ad hoc SW	R43.01	Space weather matters to be addressed in a dedicated Space Weather Task Team (to be initially based on CGMSspaceweather@wmo.int) as discussed in CGMS-43 plenary.	New list server created in April 2016 (superseeding the one hosted at WMO): L-SWTT@LISTSERV.EUMETSAT.INT Closed following CGMS-44 plenary discussions.	CGMS-44	CLOSED	-