

Actions open from CGMS-33 (at CGMS-35)

Actionee	Poc	Action	Description	Action feedback/closing document	Deadline	Status	ESA Status
EUM; NOAA; WMO		33.24	Action 33.24 EUMETSAT, NOAA together with WMO to develop a EUMETCast to NOAA ADM transition plan for users in South America and report details to CGMS.	EUM-WP-11 (CGMS-33), WMO-WP-20 (CGMS-33) and WMO-WP-24 (CGMS-35). NOAA-WP-33 (CGMS-35), however, NOAA has positioned its GOES-10 satellite to provide geostationary satellite coverage over South America. GOES-10 data is currently being disseminated via direct broadcast and used operationally. NOAA does not currently have plans to develop ADM capability, but is in the process of developing GEONETCast service. See NOAA-WP-33. Discussed in WGIV.	(5 Nov 2007) New date: NOAA CGMS-36	OPEN for	N/A

Actions open from CGMS 34 (at CGMS-35)

Actionee	Poc	Action	Description	Action feedback/closing document	Deadline	Status	ESA Status
CGMS Members		34.12 WGI	Action 34.12 CGMS members to review Space Frequency Coordination Group (SFCG) Resolution Res A12-1R2 and inform whether this resolution shall be used by CGMS agencies. Deadline: 31 August 2007	ESA and NOAA are SFCG members and use RES A12-1R2 for frequency coordination. EUM-WP-15 Statement and resolution provided by e-mail to CGMS plenary.	(31 Aug 2007) New date: 31 Jul 08	OPEN	CLOSED: ESA is following the resolution. Already reported at CGMS-35
WMO		34.27	Action 34.27: WMO to set up a Task Force on Codes following the TORs spelled out in WMO-WP-36 and report progress at CGMS 35. Deadline: CGMS-35	It is now envisaged to convene this Task Force by the end of January or February 2008 time frame. The first meeting was convened on 26-27 February 2008. Information and documents are available at: http://www.wmo.int/pages/prog/sat/meetings/TFSDC-1.html The minutes of meeting can be found at http://www.wmo.int/pages/prog/sat/Reports.html#TFSDC Message to plenary on 28 May 2008.	07/11/2007	CLOSED	
CGMS satellite operators		34.28	Action 34.28: Each Satellite Operator is invited to nominate an expert to contribute to the WMO led Task Force on codes. Deadline: 31 December 2006	CMA: Anlai Sun, sunal@cma.gov.cn ECMWF: Milan Dragosavac, milan.dragosavac@ecmwf.int EUM: Dr Simon Elliott, simon.elliott@eumetsat.int NOAA: Mr Thomas Smith, Thomas.Smith@noaa.gov SRC Planeta/ROSHYDROMET: George Parkhomenko, parkhom@planet.iitp.ru Message to plenary on 28 May 2008. CGMS Members are still invited to nominate representatives.	31/12/2006	CLOSED	

CGMS 35 actions

Actionee	Action	Description	Action feedback/closing document	Deadline	Status	ESA Status
CGMS Members	Permanent 01	All CGMS Members to inform the Secretariat of any change in the status or plans of their satellites to allow the updating of the CGMS Tables e-mail, of Satellites (tables 1-6 of the plenary report). The Secretariat to review the tables of current and planned polar and geostationary satellites, and to distribute this updated information, via the WWW Operational Newsletter, via Electronic Bulletin Board, or other means as appropriate. CGMS satellite operators to update table 7 for polar-orbiting satellite equator crossing times on an annual basis. CGMS Members to update the table on polar-orbiting satellite equator crossing times as well as the table on coverage from geostationary satellites. (CGMS-35 permanent actions 02 and 09 were closed and are partly incorporated in permanent action 01).		CGMS-36	CLOSED	Tables sent to secretariat 7 October 2008.
CGMS satellite operators	Permanent 02	CGMS Members to report on spacecraft anomalies from solar events at CGMS meetings. <i>NB The Secretariat has included the word "spacecraft" in this permanent action since CGMS-35</i>	EUM-WP-05	CGMS-36	OPEN	CLOSED: ESOC service reported at CGMS-31
CGMS Members	Permanent 03	CGMS Members to provide information for the WMO database of satellite receiving equipment, as appropriate.		CGMS-36	OPEN	N/A
CGMS Members	Permanent 04	CGMS Members to review the list of available list servers used by CGMS groups and update as appropriate.		CGMS-36	OPEN	Closed: List servers are ok for ESA
CGMS Members	Permanent 05	CGMS satellite operators to consider the IOC satellite requirements, especially the data dissemination methods, bearing in mind the ongoing formations of GOOS Regional Alliances (GRAs).	EUM-WP-09	CGMS-36	OPEN	Closed: See ESA-WP-04
CGMS Members	Permanent 06	CGMS Members to consider WMO Core Metadata profiles within the context of the ISO Standard for Geographic Metadata (ISO 19115).	The Secretariat proposes to close this action. The topic has been incorporated in the CGMS-36 WGII Order of Business.	CGMS-36	OPEN	N/A
NOAA	35.01	Action 35.01: NOAA to provide more detailed information on the DMSP satellite system. Deadline: CGMS-36		CGMS-36	OPEN	N/A
NASA	35.02	Action 35.02: CGMS invited NASA to provide information on its current R&D Earth Observation satellites. Deadline: CGMS-36		CGMS-36	OPEN	N/A
CMA, CNSA, WMO	35.03	Action 35.03: CMA/CNSA and WMO will cooperate in finalising the work of the GEO-Microwave Focus Group that, according to its Terms of Reference and taking into account the work already done, should: - define a mission scenario attempting to converge with results of feasibility studies in China as they become progressively available; - identify mission components suitable for international partnerships and preliminary assess the realism of collecting the interest of prospective partners; - draft a proposal to the group of prospective partners, including work plan and schedule; and present it to CGMS-36, that implies that CMA/CNSA commit to act as Leading Agency. Deadline: CGMS-36, preceded by a presentation at a last meeting of the Focus Group possibly to be held tentatively with the next IPWG meeting in Beijing in autumn 2008.		IPWG 2008 and CGMS 36	OPEN	N/A
CNSA	35.04	Action 35.04: CNSA to inform WMO of the data policy for the HY-2 satellite after completion of HY-2 phase B studies. Deadline: CGMS-36		CGMS-36	OPEN	N/A
CGMS Members	35.05	Action 35.05: CGMS Members to indicate to JAXA their interest in having access to GOSAT data (kawai.takayuki@jaxa.jp and umezawa.kazuo@jaxa.jp). Deadline: CGMS-36	GOSAT: Greenhouse gases observing satellite. Monitoring of the distribution of the density of carbon dioxide.	CGMS-36	OPEN	Closed: ESA is coordinating with JAXA on the subject.
CGMS Members	35.06	Action 35.06: CGMS Members to provide feedback [on the gap analysis] to WMO (bibizzar@tin.it). Deadline: On a continuous basis, and for review at CGMS-36.	EUMETSAT to provide input via WMO (GSICS meeting, July 08). WMO-WP-??	continuous and CGMS-36	OPEN	Closed: reviewed at ET-SAT
EUM, NOAA, WMO	35.07	Action 35.07: CGMS to form a small focus group to consider the recommendation "establish a new international science working group on the theme of climate and calibration", and to report their finding back to CGMS-36. The focus group to be composed of Dr Schmetz, EUMETSAT, Dr Goldberg NOAA/NESDIS, and Dr Purdom, Chairperson WMO OPAG-IOS. Deadline: May 2008 and to report at CGMS-36	Report from the GCOS/WCRP Atmospheric Observation Panel for Climate (AOPC, 14th session) is available at http://gcos.wmo.int It was recommended that no new WG is created (page 6, point 47). CGMS plenary message sent on 1 July 08.	30 May 2008; CGMS-36	OPEN	N/A

WMO		35.08	Action 35.08: WMO (supported by CGMS Members) to update their THORPEX Focal Points and Contacts given in Table 1, Annex 2 of WMO-WP-09 to CGMS THORPEX Rapporteur. Deadline: 1 December 2007	Information provided by ESA and EUM via cgmsplen listserv 29/30 Nov 07. CLOSED for EUM, ESA..	01/12/2007	OPEN	Closed: Herland nominated for ESA
EUM		35.09	Action 35.09: EUMETSAT to prepare a paper on its SAF activities for the Bulletin of the Meteorological Society. Deadline: CGMS-36	Status TBC. Verbal report only.	CGMS-36	OPEN	N/A
WMO		35.10	Action 35.10: WMO to contact IMD with a view to clarifying its plans as co-sponsor of the VL Centre of Excellence in Oman. Deadline: 31 December 2007	VL management meeting to take place in Sept 09.	31/12/2007	OPEN	N/A
CGMS Members		35.11	Action 35.11: All CGMS Members to nominate points of contact to support the CGMS website editorial committee. Deadline: 31 December 2007	EUM: anne.taube (at) eumetsat.int, piero.valabrega (at) eumetsat.int JMA/MS: Mr. Motoo Hayashi, System Engineering Division Tel: +81-42-493-4976, Fax: +81-42-492-2433, E-mail: mhayashi (at) met.kishou.go.jp NOAA: daniel.muller (at) noaa.gov WMO: jlafeuille (at) wmo.int	31/12/2007	OPEN	Open
WMO, EUM		35.12	Action 35.12: WMO and CGMS Secretariat to establish a CGMS web editorial committee by March 2008 in order to guide the completion and further enhancement of the CGMS website and the ftp server and ensure their sustainability. Deadline: March 2008 and to report to CGMS-36	EUM-WP-13	31 Mar 2008; CGMS-36	OPEN	N/A
EUM		35.13 WGI	Action 35.13: CGMS Secretariat, with assistance of WMO, to prepare a draft letter to FCC expressing its concerns over the potential RF power increase for unlicensed fixed services devices around 60 GHz. Deadline: 30 November 2007	Letter submitted online with the FCC on 9 November 2007 (only online submissions accepted by the FCC).	30/11/2007	CLOSED	N/A
WMO		35.14 WGI	Action 35.14: WMO to confirm its requirement for the continued use of the CGMS coordinated IDCS to support its ASAP programme, and to assist with the promotion of the IDCS for potential future ASAP operators. Deadlines: CGMS-36	EUM-WP-15/16/17	CGMS-36	OPEN	N/A
NOAA		35.15 WGI	Action 35.15: NOAA to organise with other IDCS coordinator agencies (CMA, JMA, EUMETSAT) a meeting to discuss the future use and technical aspects of the IDCS. The participation of other CGMS Members would be welcomed. Deadline: 30 April 2008	NOAA and Eumetsat met on April 23, 2008, at NOAA's Satellite Operations Facility in Suitland, Maryland, U.S.A. Eumetsat proposed a plan for the future use of the IDCS channels. The Plan was documented and presented to the NOAA and JMA for review. CGMS members will meet during the CGMS-36 to finalize the recommendations for the use of the IDCS channels. EUM-WP-18/19	30/04/2008	OPEN	N/A
WMO		35.16 WGII	Action 35.16: WMO to distribute the RGB Workshop report and present representative examples of RGB schemes on the WMO web site. Deadline: 31 January 2008		31/01/2008	OPEN	N/A
CMA, EUM, JMA, NOAA, WMO		35.17 WGII	Action 35.17: VL partners to implement RGB schemes for training use within the WMO Virtual Laboratory. Deadline: CGMS-36	(EUM-WP-12)	CGMS-36	OPEN	N/A
WMO		35.18 WGII	Action 35.18: GSICS GCC to propose web-based interface to other satellite agencies for near-real-time instrument monitoring. Deadline: CGMS-36	Input provided to GSICS (meeting July '08). WMO-WP-??	CGMS-36	OPEN	N/A
NOAA		35.19 WGII	Action 35.19: NOAA/NESDIS to send to all CGMS members the URL of web sites on climate products described in NOAA-WP-29. Deadline: 31 December 2007		31/12/2007	OPEN	N/A
NOAA		35.20 WGII	Action 35.20: NOAA/NESDIS to include information on global and regional anomalies in their products as well. Deadline: CGMS-36		CGMS-36	OPEN	N/A
JAXA, NASA		35.21 WGII	Action 35.21: NASA and JAXA to report on status and plans for GPM at CGMS-36. Deadline: CGMS-36		CGMS-36	OPEN	N/A
CGMS Members		35.22 WGII	Action 35.22: CGMS Members to report on precipitation estimation and validation activities at CGMS-36. Deadline: CGMS-36	EUM-WP-23	CGMS-36	OPEN	There are no planned campaigns at ESA
Satellite operators (+ WMO)		35.23 WGII	Action 35.23: The Task Force on codes to consider possible use of additional data formats for satellite product dissemination and archive delivery, and report to CGMS. Deadline: CGMS-36	The first Task Force on Codes met on 26-27 February 2008. http://www.wmo.int/pages/prog/sat/meetings/TFSDC-1.html http://www.wmo.int/pages/prog/sat/Reports.html#TFSDC Message to plenary 28 May 2008. EUM-WP-27	CGMS-36	OPEN	Open
Satellite operators (current and future + WMO)		35.24 WGIII	Action 35.24: CGMS current and future satellite operators to review their possible flexibilities to adjust the nominal locations of their baseline geostationary satellites and to provide the information at the next CGMS session. Deadline: CGMS-36	To be discussed in WGIII.	CGMS-36	OPEN	N/A

CMA, ROSH, EUM, NOAA	35.25 WGIII	Action 35.25: Each CGMS polar orbiting satellite operator to consider providing to all other polar orbiting satellite operators, and to the direct readout community, their processing software necessary to produce Level 1B data from the direct broadcast data stream, and to provide the technical specifications for their direct broadcast data stream necessary to produce Level 1B data. Deadline: 31 March 2008	To be discussed in WGIII.	31/03/2008	OPEN	N/A
EUM	35.26 WGIV	Action 35.26: EUMETSAT to provide CGMS with the results of the Post-EPS, Phase 0 studies, in particular, results pertaining to data dissemination. Deadline: CGMS-36	To be discussed in WGIV.	CGMS-36	OPEN	N/A
EUM	35.27 WGIV	Action 35.27: EUMETSAT to provide CGMS with the results of the MTG trade-off studies, in particular, results pertaining to the MTG data dissemination system. Deadline: CGMS-36	EUM-WP-08	CGMS-36	OPEN	N/A
Satellite operators	35.28 WGIV	Action 35.28: Satellite operators to provide WMO with detailed information, on all the methods available, or planned, for operational data access from each of their satellites contributing to the GOS, via relevant URL of the satellite operators web page. This detailed information shall include the designation of the dissemination or retrieval services, their summary contents, formats used, and technical characteristics such as: <ul style="list-style-type: none"> ▪ For real-time dissemination via the satellite itself (Direct Broadcast): frequency, bandwidth, data rate (uncompressed); ▪ For Real-time dissemination through multi-mission satellite dissemination system (Advanced Dissemination Methods): satellite name, location, frequency band, area covered, data rate (uncompressed); ▪ For Real-time dissemination via Internet FTP: address; ▪ For On-line data retrieval : address; ▪ URL for precise information on data access modalities Deadline: May 2008, and to report at CGMS-36	EUM-WP-29 See also JMA's web site: http://www.jma.go.jp/jma/jma-eng/satellite/ds.html and http://www.jma.go.jp/jma/jma-eng/satellite/index.html	31 May 2008; CGMS-36	OPEN	Closed for ESA: report provided at CGMS-35
WMO, EUM	35.29 WGIV	Action 35.29: WMO/CGMS Secretariat to collect the data access information from satellite operators and make it available through the CGMS and/or WMO websites. Deadline: CGMS-36	EUM-WP-29	CGMS-36	OPEN	N/A
CGMS Members	35.30 WGIV	Action 35.30: CGMS members to report on their use of compression techniques (from the operational and user perspectives) for current and future satellite systems. Deadline: CGMS-36	EUM-WP-30	CGMS-36	OPEN	CLOSED for ESA: At application level ESA applies compression in different parts of the G/S: Data archiving: Compression is applied on the tape archive at HW level. Algorithm used is a variation of LZ (Lempel-Ziv). Internal data transfer: Mainly ZIP used for selected data that compress well to transfer data from one centre to another or internally in a centre.. Products distribution: ESA normally uses two types of compression for distribution of products to the end users: standard ZIP and JPEG2000/Wavelet. In DDS we are sending products compressed with GZIP. NO compression applied at network level
NOAA, EUM	35.31 WGIV	Action 35.31: NOAA and EUMETSAT to study possibilities for the use of NPOESS ground infrastructure to improve the timeliness of Metop data, within the framework of JPS discussions and report findings to CGMS. Deadline: CGMS-36	To be discussed in WGIV.	CGMS-36	OPEN	N/A
CGMS Members	35.32 WGIV	Action 35.32: CGMS members involved with the IGDDS to consider applying as DCPCs within the context of the IGDDS and WIS, in consultation with WMO. Deadline: May 2008		31/05/2008	OPEN	N/A
CGMS Members	Recommendation 35.01	Recommendation 35.01: CGMS Members were invited to use the Gap Analysis as a reference for further discussions on the evolution of the GOS and global planning of future missions.	(See also action 35.06). WMO-WP-??	CGMS-36	OPEN	Noted

Satellite operators (+ WMO)	Recommendation 35.02 WGII	Recommendation 35.02: Satellite operators are requested to provide near real-time monitoring of instrument performance on easily accessible websites and to archive the information.	GSICS data archive. EUM-WP-20/21 JMA contribution provided via cgmsplen on 4 Jul 08 and is available at http://mscweb.kishou.go.jp/monitoring/calibration.htm Inter-calibration results can be observed at http://mscweb.kishou.go.jp/monitoring/gsics/ir/gsir_mt1r.htm Guidance on using charts http://mscweb.kishou.go.jp/monitoring/gsics/ir/techinfo.htm	CGMS-36	OPEN	Noted. Useful information can be found at http://wgcv.ceos.org
	Recommendation 35.03 WGII	Recommendation 35.03: Continue aircraft campaigns with SI traceable instruments to provide absolute calibration opportunities for critical satellite instruments, such as IASI, AIRS and CrIS.	To be discussed in WGII.	CGMS-36	OPEN	N/A
Satellite operators (+ WMO)	Recommendation 35.04 WGII	Recommendation 35.04: Satellite operators to explain significant discrepancies in satellite inter-calibration as part of their contribution to GSICS. Pertinent reports should be delivered to the GCC.	WMO-WP-?? Information available on WMO/GCC website.	CGMS-36	OPEN	Noted: To be coordinated with CEOS Cal/Val WG
	Recommendation 35.05 WGII	Recommendation 35.05: In view of the positive impact of radio-occultation measurements on NWP forecasts CGMS expresses strong support to future plans for the continuation of radio-occultation measurements from constellations with adequate coverage.	EUM-WP-22	CGMS-36	OPEN	Noted
CGMS Members	Recommendation 35.06, WGII	Recommendation 35.06: CGMS encourages continuation of the generation of long-term satellite-based climatologies.	To be discussed in WGII. (EUM-WP-09)	CGMS-36	CLOSED	See ESA-WP-03
CGMS Members	Recommendation 35.07 WGII	Recommendation 35.07: CGMS members to respond to recommendation 34.15 should finalise the first phase of the project (i.e. the processing of the AMVs with their own operational AMV algorithm without any modification) before IWW9 and discuss the results.	EUM-WP- 25	31/01/2008	OPEN	N/A
EUM	Recommendation 35.08 WGII	Recommendation 35.08: IWW9 should discuss the results from the height assignment studies based on advanced instruments on the A-train. The co-Chairs of IWWG are invited to provide a summary report to CGMS-36.	EUM-WP- 25	30 Apr 08	OPEN	N/A
EUM	Recommendation 35.09 WGII	Recommendation 35.09: IWW9 should discuss the results of the studies using the images simulated from NWP model output to track AMVs. Co-Chairs of IWWG are invited to provide a summary report to CGMS-36 on results of the ongoing studies on deriving AMVs from images simulated from NWP model. The report should address both the imagers as well as the hyperspectral sounders.	EUM-WP- 25	30 Apr 08	OPEN	N/A
ESA	Recommendation 35.10 WGII	Recommendation 35.10: Direct retrievals of wind fields from Doppler Wind Lidars need to be continued beyond the ESA ADM mission.		CGMS-36	CLOSED	ESA has initiated plans for a ADM follow-on
EUM	Recommendation 35.11 WGII	Recommendation 35.11: IWW9 should discuss the height allocation to atmospheric layers and pursue tests within NWP assimilation and forecast systems.	EUM-WP- 25	30/04/2008	OPEN	N/A
EUM	Recommendation 35.12 WGII	Recommendation 35.12: CGMS 35 recommends to put the CGMS wind statistics on the new IWWG web site and to discuss at IWW9 whether a strict adherence to CGMS collocation criteria should be followed and whether the criteria need to be re-defined.	EUM-WP- 25	30/04/2008	OPEN	N/A
CGMS Members	Recommendation 35.13 WGII	Recommendation 35.13: CGMS members are encouraged to present papers demonstrating the possibilities of advanced sounding for analysing convective instability of the atmosphere, particularly utilising information from the hyperspectral sounders AIRS and IASI.	EUM-WP-26	CGMS-36	OPEN	N/A
Satellite operators (+ WMO)	Recommendation 35.14 WGII	Recommendation 35.14: Future satellite sensors are expected to be used for fire monitoring; relevant channels and sensors should be adequately characterised for this application. The matter should be part of the pertinent work under GSICS.	To be discussed in WGII.	CGMS-36	OPEN	Noted
Satellite operators	Recommendation 35.15 WGII	Recommendation 35.15: CGMS satellite operators to consider making a data interface available such as ADDE servers so that McIDAS-V and HYDRA can be applied to their data. Deadline:	EUM-WP-28	CGMS-36	OPEN	Noted
CGMS Members	Recommendation 35.16 WGII	Recommendation 35.16: CGMS Members to continue to support activities of the three International Working Groups (ITWG, IWWG and IPWG) particularly upcoming science meetings in 2008.	Discussed in WGII. Ongoing. EUM-WP-25	2008 GMS-36	CLOSED	ESA generally supporting such WGS