

LIST OF CGMS ACTIONS RESULTING FROM CGMS-36
In response to the CGMS-36 actions and recommendation

This Working Paper provides the known status of actions and recommendations resulting from CGMS-36 in 2008 as per 1 October 2009.

CMA, ESA, JMA, KMA and NOAA have or will submit a dedicated Working Paper responding to the actions. Feedback on the status on some actions/ recommendations is still open for some Members.

Status overview:

Permanent actions: 5

The Secretariat will propose to close permanent action number 03 at CGMS-37

CGMS-35: 7 actions out of which 2 have been closed

CGMS-36:

30 actions of which 8 have been closed.

28 recommendations of which 3 have been closed.

27 actions and 25 recommendations remain to be closed at CGMS-37

Note:

Permanent actions are seldom closed as they are of a continuous nature. Reporting or feedback is done before or during the meeting.

Recommendations are responded to on a best effort basis and will normally be closed after discussions in the working groups or at the end of the meeting.

Action proposed:

CGMS Members to provide feedback to the CGMS Secretariat (anne.taube@eumetsat.int) of the status of actions and recommendations to ensure the appropriate status reporting at the end of CGMS-37.

Actions open from CGMS-35 (at CGMS-36)

Actionee	Action	Description	Action feedback/closing document	Deadline	Status
NOAA	35.01	Action 35.01: NOAA to provide more detailed information on the DMSP satellite system. Deadline: CGMS-36	NOAA-WP-02&03. The CEOS Earth Observation Handbook also provides information on this matter available on www.eohandbook.com IPWG was approached via e-mail to provide specific details on the mission, to which the IPWG co-chair Ralph.R.Ferraro@noaa.gov provided during CGMS-36. As a result, reporting will be made at CGMS-37.	(CGMS-36) New deadline: CGMS-37	OPEN
NASA	35.02	Action 35.02: CGMS invited NASA to provide information on its current R&D Earth Observation satellites. Deadline: CGMS-36	The "Earth Science and Applications from Space: National Imperatives for the Next Decade and Beyond" (2007) is available for free downloading at http://books.nap.edu/catalog.php?record_id=11820 A pdf copy is available on the CGMS ftp-server ftp://cgmsread:welcome100@ftp.eumetsat.int/ in sub directory 'CGMS-37'; in 'Actions recommendations inputs'. Plenary informed 15 July 2009.	(CGMS-36) New deadline: 31 Dec 2008	CLOSED
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	ESA: OPEN EUM: anne.taube (at) eumetsat.int, piero.valabrega (at) eumetsat.int JMA/MSC: 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: todd.harding (at) noaa.gov WMO: jlafeuille (at) wmo.int	(31 Dec 2007) New deadline: 31 Dec 2008	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 Action was deferred due to lack of availability on both sides.	(CGMS-36) New deadline: 31 Mar 2009	OPEN

NOAA, EUM	WGIV 35.31	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	<p>Discussed in WGIV. EUM-WP-R[24]C</p> <p>NOAA: NOAA and EUMETSAT are engaged in ongoing discussions regarding the use of NOAA ground infrastructure to improve timeliness of Metop data. NOAA and EUMETSAT have exchanged letters agreeing to expand the IJPS partnership to include using the NPOESS ground infrastructure at McMurdo Station, Antarctica to improve the timeliness of Metop data. An initial operational capability is planned for 2011. NOAA-WP-</p>	(4 Nov 2008) New date: CGMS-37	CLOSED
CGMS Members	WGIV 35.32	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	<p>Discussed in WGIV. WMO-WP-</p> <p>CGMS-36 WMO-WP-13 WMO was informed of the intention of JMA to prepare an application. Letter sent by WMO Oct 2008 to all WMO Members and EUMETSAT, informing on the process of GISC/DCPC designation, and inviting to notify their intention to apply.</p> <p>An IGDDS Implementation Group meeting was held 5-6 Feb 2009. Information provided to plenary on 17 July 2009.</p> <p>NOAA-WP-31, WMO-WP-06</p>	(31 May 2008) New deadline: 31 Dec 2008	

CGMS-36 permanent actions

Actionee	Action	Description	Action feedback/closing document	Deadline	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.	CMA-WP-01, ESA-WP-01/-02/-04, EUM-WP-01/-02, JMA-WP-01/-02/-03, KMA-WP-01, NOAA-WP-01/-38	CGMS-37	OPEN
CGMS satellite operators	Permanent 02	CGMS Members to report on spacecraft anomalies from solar events at CGMS meetings.	EUM-WP-06 NOAA-WP-04	CGMS-37	OPEN
CGMS Members	Permanent 03	CGMS Members to provide information for the WMO database of satellite receiving equipment, as appropriate.	ongoing NOAA-WP- Any contribution by the CEOS database?	CGMS-37	OPEN
CGMS Members	Permanent 04	CGMS Members to review the list of available list servers used by CGMS groups and update as appropriate.	Ongoing. Inputs provided by Members as and when needed.	CGMS-37	OPEN
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).	ESA-WP-03 Closed for NOAA.	CGMS-37	OPEN

CGMS-36 actions

Actionee	Action	Description	Action feedback/closing document	Deadline	Status
ROSC, ROSH, CMA, CNSA, CGMS Members	36.01	Action 36.01 ROSCOSMOS/ROSHYDROMET, CMA/CNSA and other CGMS Members to provide JAXA with their points of contact if planning to join the activities of the CEOS Precipitation Constellation as microwave satellite operators. Deadline: 31 March 2009	EUM: Not applicable. Reminder to plenary 15Jul09	31-Mar-09	OPEN
WMO	36.02	Action 36.02: WMO to report at CGMS on the major updates brought to the Dossier on the Space-based Global Observing System. Deadline: CGMS-37		CGMS-37	OPEN

CGMS agencies	36.03	Action 36.03: CGMS agencies with current and/or future geostationary programmes to review CGMS-36 NOAA-WP-21 (Characterisation of future channels and sensors for fire monitoring, WGII), and to complete an assessment on the level of compliance to the recommendations in the Working Paper. Deadline: 31 May 2009	EUM-WP- NOAA-WP-	31-May-09	OPEN
VLMG co-Chairs	36.04	Action 36.04: The VLMG co-Chairs to set in place the procedure to recruit the technical support officer whose list of duties were presented in the Working Paper and to report to CGMS-37. Deadline: CGMS-37	WMO-WP-	CGMS-37	OPEN
CGMS satellite operators	WGI 36.05	Action 36.05 All CGMS satellite operators are invited to consider the above proposal and the status of discussions at SFCG for a coordinated future use of the band 401 – 403 MHz, and to provide responses to the CGMS Secretariat. Deadline: 30 December 2008	CNES: Document by e-mail 18 Dec 2009 JMA e-mail 15 Jan 2009: - Regarding the band 401.701-402.435MHz, the band should be maintained only for the DCS of the geostationary meteorological satellite systems in the world, since JMA will use the band for the DCS of the follow-on satellites to the MTSAT series, and - Regarding the satellite frequency coordination about MTSAT-DCS (JMA, Japan) and ARGOS-4 (CNES, France) in the band of 402 MHz, the coordination has been already completed. CNES expressed that the ARGOS-4 satellite network would not operate in 401.69-402.4MHz frequency band as the Beam2. Under this condition, both Japanese and French administrations agreed that there is no harmful interference between the MTSAT and the ARGOS-4 satellite networks in the band of 402MHz. Invitation letter for 17 Feb 2009, CNES + JMA feedback provided to cgmsplen on 26 Jan 2009.	30-Dec-08	CLOSE D
EUM	WGI 36.06	Action 36.06 CGMS Secretariat to develop a coordinated response, based on the input received from CGMS members, on the future use of the 401 - 403 frequency band. Deadline: 31 January 2009.	Provided at 17 Feb 2009 meeting.	31-Jan-09	CLOSE D
EUM	WGI 36.07	Action 36.07 CGMS Secretariat to request WMO to coordinate a separate meeting of all CGMS satellite operators that are in attendance at the Working Party 7B and 7C meetings in Geneva, Switzerland, February 2009, to discuss the coordination of the CGMS response to the proposal for future use of the 401– 403 MHz band. Deadline: 30 December 2008	Roshydromet/SRC Planeta: Document by e-mail 30 Jan 2009. The meeting took place on 17 Feb 2009 in Geneva. Minutes of meeting distributed via plenary on 15 April 2009.	30-Dec-08	CLOSE D

EUM	WGI 36.08	Action 36.08 CGMS Secretariat to develop a final, coordinated report, based on CGMS members input, for the future use of the 401 – 403 MHz frequency band. Deadline: 30 April 2009	A meeting took place on 17 Feb 2009 in Geneva. Minutes of meeting + comments distributed via plenary on 15 April 2009.	30-Apr-09	CLOSE D
EUM	WGI 36.09	Action 36.09: CGMS Secretariat to present the CGMS coordinated response on the future use of the 401 – 403 MHz band at the SFCG meeting in June 2009. Deadline: 1 June 2009	EUM-WP-21	01-Jun-09	OPEN
EUM	WGI 36.10	Action 36.10: CGMS Secretariat to send a letter thanking the SFCG Executive Secretariat for the "SFCG Liaison Statement to CGMS." Deadline: 30 November 2008	Letter sent to SFCG Executive Secretary (EUM/SES/LET/08/0367 of 18 Nov 2008), copy disseminated to cgmsplen on 28 Nov 2008. Feedback from CMA by e-mail to cgmsplen on 4 Dec 2008: "Based on preliminary analysis and estimation by the frequency manager of NSMC/CMA the planned Argos would bring potential harmful interference to the DCS of FY-2 in the band 401.1MHz - 401.4 MHz. Considering that the FY-2 series satellite networks have finished coordination with other frequency networks, and the successive satellites, the FY-2E to be launched December 2008, and the FY-2F and FY-2G that are being manufactured, shall all use this band, there is little possibility for FY-2 to make change. CMA hopes that 401.1MHz - 401.4MHz remain available for DCS using geostationary MetSat systems."	30-Nov-08	CLOSE D
CGMS Members	WGI 36.11	Action 36.11: CGMS members should implement the IDCS frequency allocation plan change in their systems and update the associated documentation and webpages. The Secretariat will update the IDCS Users' Guide. Due date 31 July 2009	Report sent to plenary on 15 July 09 for review by Members by 31 Aug. NOAA-WP-NOAA informed by phone that they have further updates (mid Sept 09).	31-Jul-09	OPEN

NOAA	WGII 36.12	Action 36.12: NOAA to facilitate the setting up of a small Working Group comprising CGMS representatives to encourage public access of agency satellite datasets for nowcasting applications. Deadline: CGMS-37	NOAA-WP-	CGMS-37	OPEN
CGMS Members	WGII 36.13	Action 36.13: All CGMS Members to make available the instrument characterisation of their imaging and sounding instruments in polar and geostationary orbit, in particular the spectral response functions. This should include both the currently operational as well as all previous instruments. It is sufficient to make available the web link where the instrument characterisation data can be found. Deadline: 30 May 2009	ESA: http://earth.esa.int/pcs EUM-WP- JMA: Input 1 Jun 2009: The spectral response functions of MTSAT-1R and the previous satellites are available at http://mscweb.kishou.go.jp/operation/index.htm#rfuncion Plenary informed 12 Jul 2009. NOAA-WP-	30-May-09	OPEN
GSICS	WGII 36.14	Action 36.14: GSICS to finalise recommendations for its instrument performance monitoring website. Deadline: CGMS-37	NOAA-WP-	CGMS-37	OPEN
GSICS (+ CEOS WG)	WGII 36.15	Action 36.15: GSICS, in consultation with CEOS WG Cal/Val, to finalise development of guidelines for prelaunch instrument characterization. Deadline: CGMS-37	CEOS Cal/Val WG will make a presentation about their activity in CGMS-37 WGII and plenary NOAA-WP-	CGMS-37	OPEN
CGMS agencies	WGII 36.16	Action 36.16: CGMS agencies to provide URL addresses of satellite-based climate datasets to the CGMS Secretariat for posting on the CGMS website. Deadline: CGMS-37	EUM input to plenary 12 July 2009. a) EUMETSAT's product navigator/portal: http://www.eumetsat.int/Home/Main/Access_to_Data/ProductNavigator/index.htm b) Satellite Application Facility on Climate Monitoring: http://www.eumetsat.int/Home/Main/What_We_Do/SAFs/Projects/SP_1124289151210?l=en c) Archive data: http://www.eumetsat.int/Home/Main/Access_to_Data/Archive_Service/index.htm?l=en ESA response provided to plenary 21 Sept 2009: http://www.tv5.org/TV5Site/meteo/temperature-des-mers.php http://www.globcarbon.info http://www.globcolour.info/ http://www.medspiration.org/ ftp://uranus.esrin.esa.int/pub/globcover_v2/global/ JMA-WP-04	CGMS-37	OPEN
WMO, EUM	WGII 36.17	Action 36.17: WMO and the CGMS Secretariat to initiate the formation of the small group (J. Lafeuille [WMO], M. Goldberg (NOAA) and J. Schmetz [EUMETSAT]) to consider the role of a new International Radio-occultation Working Group under CGMS, to elaborate its draft terms of reference. Deadline: CGMS-37	Roshydromet fax response to CGMS Secretariat 17 Apr 2009; International Radio Occultation WG, Dr Mikhail Gorbunov, Institute of Atmospheric Physics, RAS. (m_e_gorbunov@mail.ru) Tel. Russia, Moscow, 9519574	CGMS-37	OPEN
IWWG Co-Chairs (+ Dr Genkova)	WGII 36.18	Action 36.18: Co-Chairs of IWWG, jointly with Dr Iliana Genkova, to provide a summary paper describing and evaluating the CGMS AMV intercomparisons using MSG image data. Deadline: CGMS-37	EUM-WP-26	CGMS-37	OPEN

CGMS satellite operators	WGII 36.19	Action 36.19: Satellite operators deriving AMVs to summarise their methods and ways to characterise the AMV errors, with emphasis on the height assignment error. Deadline: CGMS-37	EUM-WP-27 JMA-WP-05 NOAA-WP-	CGMS-37	OPEN
CGMS Members	WGII 36.20	Action 36.20: CGMS Members to present WPs to CGMS-37 describing their processes for product development, verification and implementation into operations, as well as the process for continuous improvement. Deadline: CGMS-37	ESA-WP-05 EUM-WP- JMA-WP-05/-06 NOAA-WP-	CGMS-37	OPEN
	WGII 36.21	Action 36.21: The CGMS Secretariat to include "Coordination of code forms for satellite data" within the agenda of WG IV, instead of WG II for future CGMS meetings. Deadline: CGMS-37	The agenda has been updated and the item has been included in the CGMS-37 WGIV part of the agenda.	CGMS-37	CLOSE D
CGMS Task Force on Codes	WGII 36.22	Action 36.22: CGMS Task Force on Codes to investigate whether the WMO file naming convention can be made more flexible than merely having (long filename).bin for all data types. Deadline: CGMS-37	File name extensions have been agreed at the last CBS meeting in Dubrovnik 2009 to distinguish netCDF and HDF data.	CGMS-37	CLOSE D
WMO	WGII 36.23	Action 36.23: WMO to revise the Terms of Reference of the Task Force on Satellite Data Codes as proposed by the Task Force. Deadline: 28 Feb 2009	To be discussed (and closed) at the TFSDC meeting on 14 September 2009.	28-Feb-09	OPEN
WMO	WGIII 36.24	Action 36.24: WMO to convene a contingency planning workshop in the second half of 2009 in order to investigate critical missions and associated potential contingency actions regarding the new missions implied by the Vision for the GOS in 2025. Deadline: 30 June 2009		30-Jun-09	OPEN
EUM	WGIV 36.25	Action 36.25: CGMS Secretariat to propose a revised Terms of Reference for Working Group IV to reflect the fact that it will now also include activities of the CGMS Task Force on satellite data codes. Deadline: 31 December 2008	WMO-WP-	31-Dec-08	OPEN
CGMS Members	WGIV 36.26	Action 36.26: CGMS Members to nominate their participants to the CGMS Task Force on Satellite Data Codes. Deadline: 31 January 2009	CMA: sunal@cma.gov.cn EUM: Dr Simon Elliott, Meteorological Operations Division, Tel +49-6151-807385, Fax +49-6151-807??? simon.elliott@eumetsat.int JMA: Mr. Motoo Hayashi, System Engineering Division, MSC Tel: +81-42-493-4976, Fax +81-42-492-2433 E-mail: mhayashi (at) met.kishou.go.jp NOAA: Milan Dragosavac (e.o. Chairman of ET/DRC) milan.dragosavac@ecmwf.int Thomas Smith (NOAA/NESDIS) thomas.smith@noaa.gov ROSHYDROMET: parkhom@planet.iitp.ru WMO: Jerome Lafeuille jlafeuille@wmo.int, Pierre Kerherve pkerherve@wmo.int, Atsushi Shimazaki ashimazaki@wmo.int	31-Jan-09	CLOSE D
CGMS Task Force on Codes	WGIV 36.27	Action 36.27: CGMS Task Force on Satellite Data Codes to propose a permanent framework for the activity by CGMS-37. Deadline: CGMS-37	To be discussed at the TFSDC meeting on 14 September 2009.	CGMS-37	OPEN
CMA	WGIV 36.28	Action 36.28: CMA to investigate possibilities for the provision of global FY-3 data to the GTS main trunk network and report back at CGMS-37. Deadline CGMS-37		CGMS-37	OPEN

NOAA	WGIV 36.29	Action 36.29: NOAA to provide CGMS with more information on the reception of GOES-R data sets. Deadline: CGMS-37	NOAA-WP-	CGMS-37	OPEN
NOAA	WGIV 36.30	Action 36.30: NOAA to consider options for a multi-cast service in support of the dissemination of GOES-R data and products and inform CGMS accordingly. Deadline: CGMS-37	NOAA-WP-	CGMS-37	OPEN

CGMS-36 recommendations

Action	Recommendation	Description	Action feedback/closing document	Deadline	Status
CGMS satellite operators	Recommendation 36.01	Recommendation 36.01: CGMS Satellite Operators to keep the WMO Space Programme Office informed of updates of their programmes, satellite and instrument plans to allow the Space Programme Office to incorporate this factual information into Volume I, II and III of the Dossier on the Space-based Global Observing System, as appropriate.	ESA: WMO and CEOS have coordinated inputs about agency plans. Already provided by ESA. JMA-WP-03 NOAA-WP-	CGMS-37	OPEN
WMO	Recommendation 36.02	Recommendation 36.02: WMO to continue to keep the Dossier on the Space-based Global Observing System under review by the relevant groups of experts of WMO Members (e.g. the CBS/OPAG-IOE Expert Teams on Satellite Systems and on Satellite Utilization and Products).		CGMS-37	OPEN
WMO	Recommendation 36.03	Recommendation 36.03: WMO to coordinate as appropriate with CEOS for further updates of the Dossier on the Space-based Global Observing System, with a view to avoid duplication in the call for input from space agencies, taking into account the updating process of the CEOS Earth Observation Handbook (www.eohandbook.com).		CGMS-37	OPEN
CGMS satellite operators	Recommendation 36.04	Recommendation 36.04: CGMS satellite operators are invited to take the Vision of the GOS into account when developing their own planning and to report at the next meeting of CGMS on their initiatives to respond and contribute to its implementation.	ESA-WP-01/-02 JMA-WP-03 NOAA-WP-	CGMS-37	OPEN
GSICS Executive Panel	Recommendation 36.05	Recommendation 36.05: GSICS Executive Panel to develop a WIGOS pilot project proposal based on GSICS activities. Deadline: February 2009	NOAA-WP-	28-Feb-09	OPEN
WMO	Recommendation 36.06	Recommendation 36.06: WMO to maintain the International Polar Year (IPY) Space Task Group (STG) as a mechanism to promote cooperation between major satellite agencies ensuring coordination of their polar observations beyond IPY.		CGMS-37	OPEN
CGMS Members	Recommendation 36.07	Recommendation 36.07: CGMS Members to continue their coordination of international efforts in securing collection of space-borne "snapshots" of the Polar Regions during the IPY and to give further consideration to the establishment of a preliminary structure for sustaining observations in the future, with the goal to achieve a Polar Satellite Constellation as a significant part of the IPY legacy.	ESA: ESA contributes to the IPY-STG. JMA-WP-06 NOAA-WP-	CGMS-37	OPEN
CGMS web editorial committee	Recommendation 36.08	Recommendation 36.08: The CGMS web editorial committee to evaluate suggesting to CGMS Members the creation of a dedicated CGMS page on their institutional web sites, and to define broad guidelines for the preparation of such a page. Deadline: October 2009 and to report to CGMS-37		31-Oct-09	OPEN

WMO and EUM	Recommendation 36.09	Recommendation 36.09: Nomination of CGMS representative to attend the 3rd THORPEX International Science Symposium on 9-13Mar 09 in Monterey, USA. Deadline: 14 February 2009	WMO attended?	14-Feb-09	CLOSE D
CGMS Members	WGII	Recommendation 36.10: CGMS Members to pursue the provision of further satellite data of common interest via ADDE servers for training and scientific cooperation activities and to report back to CGMS-37.	ESA: Open JMA intends to introduce an ADDE server. NOAA-WP-	CGMS-37	OPEN
	Recommendation 36.10				
GSICS Executive Panel	WGII Recommendation 36.11	Recommendation 36.11: The GSICS Executive Panel to consider establishing in 2009 an end-to-end demonstration toward an operational GSICS by including beta-users in the GSICS process.	NOAA-WP-	CGMS-37	OPEN
CGMS Members	WGII Recommendation 36.12	Recommendation 36.12: All CGMS Members are encouraged to actively participate in GSICS by sending delegates to the Executive Panel meetings, and also to participate in the GSICS Research and Data Working Groups. This invitation addresses, in particular, the research space agencies that are planning long-term missions and data analyses for climate applications.	ESA: Open NOAA-WP- Roshydromet fax response to CGMS Secretariat 17 Apr 2009; GSICS Data Management WG, Dr Victor Saulskiy, RC Planeta.	CGMS-37	OPEN
GSICS GPRCs	WGII Recommendation 36.13	Recommendation 36.13: GSICS GPRCs should compare geostationary observations with both AIRS and IASI to demonstrate consistency and relative stability of AIRS and IASI.		CGMS-37	OPEN
CGMS Agencies	WGII Recommendation 36.14	Recommendation 36.14: CGMS Agencies to support aircraft campaigns and other methods for using reference observations to provide independent assessment of the absolute accuracy of satellite observations. Comparisons should be periodic (at least annually) and each campaign needs to be tied to a SI traceable reference.	ESA: Open	CGMS-37	OPEN
CGMS Members	WGII Recommendation 36.15	Recommendation 36.15: In view of the most recent studies showing the great benefit of hyperspectral sounding to predict the onset of severe weather with much longer lead times and the potential for climate monitoring and improved satellite intercalibration, CGMS sees a firmly established need to fly hyperspectral sounders on next-generation geostationary satellites.		CGMS-37	OPEN
CGMS Members	WGII Recommendation 36.16	Recommendation 36.16: CGMS Members to provide Working Papers addressing the seven top concerns of ITWG, as listed in the CGMS-36 WG II Report.		CGMS-37	OPEN
CGMS WGII	WGII Recommendation 36.17	Recommendation 36.17: That Dr. Volker Gaertner (EUMETSAT) takes over from Dr. J. Purdom as IPWG rapporteur to CGMS.		CGMS-37	CLOSE D
CGMS Members	WGII Recommendation 36.18	Recommendation 36.18: CGMS Members consider ways to provide additional financial support for attendance at CGMS Science Working Group Meetings, particularly for those participants coming from developing and least developed countries.	ESA: Open	CGMS-37	OPEN
CGMS Members	WGII	Recommendation 36.19: CGMS Members provide and update the inventory of routinely produced precipitation estimates, either operational or experimental/research, and investigate common methods to describe their error characteristics.	NOAA-WP- (EUMETSAT verbal feedback in WGII) Discussed in WGII	CGMS-37	OPEN

	Recommendation 36.19				
CGMS Members	WGII Recommendation 36.20	Recommendation 36.20: CGMS Members continue to provide data necessary for global, 4-km IR data-products in a timely manner to precipitation product producers.		CGMS-37	OPEN
WMO, IPWG Co-Chairs	WGII Recommendation 36.21	Recommendation 36.21: The WMO Space Programme, the IPWG through its Co-chairs, and the WMO Hydrology Programme establish a small team to investigate the feasibility of "Mainstreaming the Operational use of Satellite Precipitation Data and Products" for Meteorological and Hydrological Services.		CGMS-37	OPEN
CGMS Members	WGII Recommendation 36.22	Recommendation 36.22: All CGMS members are encouraged to continue or to commence participation in the CGMS AMV intercomparison using the specific MSG image data.	Discussed in WGII. NOAA-WP-	CGMS-37	OPEN
CGMS Agencies	WGII Recommendation 36.23	Recommendation 36.23: CGMS agencies to report on the height assignment of AMV cloud tracers using additional information on cloud characteristics.	EUM-WP- (same as for WGII 36.19) JMA-WP-05 NOAA-WP-	CGMS-37	OPEN
ITWG, IPWG	WGII Recommendation 36.24	Recommendation 36.24: CGMS encourages the ITWG and IPWG to consider case studies to intercompare algorithms similar to the activity underway in IWWG.		CGMS-37	OPEN
CGMS Members	WGII Recommendation 36.25	Recommendation 36.25: CGMS Members should actively participate in THORPEX field programmes and become engaged in the planning and execution of those programmes.	ESA: Open	CGMS-37	OPEN
CGMS Members	WGII Recommendation 36.26	Recommendation 36.26: CGMS Members should support the YOTC concept and objectives and, in particular, encourage satellite agencies to facilitate access to relevant satellite data sets and help provide the verification data and products needed to make this project a success.	ESA: Open	CGMS-37	OPEN
CGMS Members	WGII Recommendation 36.27	Recommendation 36.27: CGMS Members to identify a point of contact to aid in the development of a comprehensive satellite component to the YOTC and for further detailed discussion of satellite requirements to support YOTC.	ESA: Open	CGMS-37	OPEN
CGMS Members	WGII Recommendation 36.28	Recommendation 36.28: CGMS Members to consider their participation in the Task Force on Satellite Data Codes to ensure broad and permanent representation of CGMS members.	WMO sent invitation for 14 Sept 2009 mtg to Anlai Sun (CMA); Simon Elliott (EUMETSAT); Akihiro Shimizu (JMA); Thomas Smith (NOAA); George Parkhomenko (Rusia) with copy to Milan Dragosavac (ECMWF); Takashi Ohshima (JMA email address); Atsushi Shimazaki (WMO); Barbara Ryan (WMO); Jerome Lafeuille (WMO); Pierre Kerherve (WMO) EUM: Simon.elliott@eumetsat.int	CGMS-37	CLOSE D