

CGMS-XXIX EUM-WP-01
Prepared by EUMETSAT
Agenda Item: A.5
Discussed in Plenary

REVIEW OF ACTION ITEMS

The present document prepared by the CGMS Secretariat describes the status of completion of actions by the various CGMS Members as of 16 October 2001 according to the information provided by the Members.

LIST OF ACTIONS FROM CGMS XXVIII

Permanent Actions	Status
1. 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 of Satellites.	Ongoing. Tables are being distributed to all delegations at the meeting for updating.
2. 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.	Ongoing. Subject to completion of previous action.
3. EUMETSAT, Japan and USA to provide the agreed set of reporting statistics on IDCS performance and report to CGMS Secretariat and WMO on a regular basis.	Closed for CGMS XXIX. See <u>JPN-WP-04</u> and for USA see http://www.dcs.noaa.gov .
4. CGMS Members to update the CEOS/WMO Consolidated Database as appropriate and at each CGMS meeting (<i>new permanent action</i>).	Closed for CGMS XXIX for EUMETSAT, JMA, India, Russia and USA. See <u>USA-WP-20</u> . CMA will bring the updates to CGMS XXIX.
5. USA to keep CGMS Members regularly informed about anomalies from solar events at CGMS meetings (<i>new permanent action</i>).	Closed for CGMS XXIX. See <u>USA-WP-06</u> .
6. All CGMS satellite operators to review the Tables in Appendix A of <u>WMO-WP-03</u> and provide any updates to WMO as appropriate and at every CGMS plenary meeting (<i>new permanent action</i>).	Closed for CGMS XXIX for EUMETSAT, India (no change), JMA, USA (<u>USA-WP-21</u>) and Russia. CMA will bring the updates to CGMS XXIX.
7. CGMS Members to update their relevant sections of the CGMS Consolidated Report as appropriate and to send their updates to the Secretariat at least 2 months prior to every CGMS plenary meeting (<i>new permanent action proposed in letter of CGMS Secretariat of 27/03/01</i>).	Closed for JMA. JMA sent the Secretariat updates on 07/09/01.

Actions from CGMS XXVIII		Status
ACTION 28.01	Satellite operators to provide information to CMA on avoiding stray light in the radiometer.	Closed. CMA received information from EUMETSAT and USA (See USA-WP-04). No further action required at this point.
ACTION 28.02	CMA to inform WMO when the FY-2B broadcast will become operational and WMO to assist with the distribution of this information.	Closed. Dissemination schedule placed on CGMS website.
ACTION 28.03	USA to consider options to meet the WMO requirements for satellite images in the southern hemisphere (half-hourly, full disk, multi-spectral) and inform CGMS in due course.	Closed. See USA-WP-05 .
ACTION 28.04	WMO to place USA Future Polar Orbiting Meteorological Satellite System and NPOESS presentations on the CGMS website by 15 November 2000 .	Closed. NPOESS presentations available on CGMS website.
ACTION 28.05	USA to investigate whether global or a selection of NPOESS level 1B data can be made available to end-users in near real-time and report to CGMS XXIX.	Closed. See USA-WP-09 .
ACTION 28.06	PRC and Japan to exchange detailed information on their planned LRIT broadcasts and to inform the CGMS Members in parallel by 31 May 2001 .	Closed for JMA. JMA sent info on LRIT and HRIT to CMA on 22/11/00 and 28/12/00. CMA's detailed plan for LRIT is being finalised and will be sent to JMA soon.
ACTION 28.07	USA-WP-08 to be submitted to the Expert Team on Redesign of the Global Observing System as input for consideration and the draft Terms of References to be finalised by the Chairman of the Expert Team in preparation to their workshop.	Closed. The workshop was held at WMO in Geneva on 23-24 April 2001.

ACTION 28.08	WMO to place the MTSAT-1R observation and dissemination schedule on the CGMS server by 15 November 2000 .	Closed. Dissemination schedule placed on WMO Satellite Activities website.
ACTION 28.09	Japan to regularly keep the CGMS Secretariat informed of potential changes in the MTSAT-1R observation and dissemination schedules.	Closed. There is no change in the MTSAT-1R observation and dissemination schedules as of 09/01. See <u>JPN-WP-05</u> .
ACTION 28.10	WMO and USA to coordinate their efforts to inform the WMO Members on the transition period from analogue WEFAX to LRIT dissemination scheme for GOES satellite.	Closed. Updated transition schedules placed on WMO Satellite Activities website. See <u>USA-WP-18</u> .
ACTION 28.11	CGMS Members to review the Draft CGMS Consolidated Report and to send comments to CGMS Secretariat by 30 November 2000 .	Closed. CGMS Consolidated Report made available online on 27/03/01. See <u>EUM-WP-12</u> .
ACTION 28.12	CGMS Members to review the content of WMO publication No 411 and to provide comments and/or updates to WMO by 30 November 2000 .	Closed. Updates received from all CGMS Members.
ACTION 28.13	The CGMS Secretariat to initiate the establishment of a Working Group on Precipitation and to report to CGMS XXIX on progress. Deadline:31/12/00	Closed. The working group met from 20 to 22 June 2001 in Fort Collins. See <u>WMO-WP-14</u> .
ACTION 28.14	WMO to work with CGMS Secretariat to initiate the establishment of a focus group on satellite data utilisation and training within the Virtual Laboratory Framework and report back to CGMS XXIX on its findings and need for future activities in this area.	Closed. The first meeting of the focus group took place from 16-18 May 2001 in Darmstadt. A report was sent to CGMS Members on 29 May 2001. See <u>WMO-WP-17</u> .

ACTION 28.15	CGMS Members, through their national representatives, shall provide to ITU (ITU-R WP 7C) all relevant information on the current status and future plans of GVAR and S-VISSR stations. Deadline: 31/03/2001	Closed. NOAA, JMA and Australia provided input, which was submitted to ITU by EUMETSAT as a WMO contribution on 04/05/2001. See <u>USA-WP-22</u> , <u>JPN-WP-10</u> .
ACTION 28.16	WMO to dispatch a questionnaire to its members to update the database of receiving stations including GVAR and S-VISSR stations and to forward the updated information to the ITU.	Closed. The database has been updated. See <u>WMO-WP-01</u> .
ACTION 28.17	Japan and USA to prepare technical inputs to the Space Frequency Co-ordination Group and ITU-R indicating the revision of CGMS partition agreement and to provide technical justification for this change.	Closed. However, new action: to request the monitoring of ITU activities related to the WP7C document. See <u>USA-WP-23</u> , <u>JPN-WP-10</u> .
ACTION 28.18	WMO to host a task force meeting to discuss co-ordination of data formats and frequency planning for all polar-orbiting satellites, including their equator crossing times, by early 2001 .	Closed. A meeting took place in Geneva on 24/01/2001. Task Force recommended CGMS to further consider a four-time slot scenario. See <u>WMO-WP-06</u> .

ACTION 28.19	CGMS Members located within the telecommunication coverage of MTSAT satellites to inform their responsible Telecommunication Administration (with copy to JMA) by a few months before MTSAT will be launched, that they are convinced that there would be no unacceptable interference between their systems and MTSAT satellites.	Closed for USA, JMA, Russia. See USA-WP-24 . A meeting between Russia and Japan on coordination of satellite networks took place from 10-16/10/01 in Moscow. CMA has advised the Radio Regulation Department, Ministry of Information Industry about MTSAT's frequency plan, there is no visible interference of MTSAT with CMA's system. Appropriate action by India will still be taken.
ACTION 28.20	NOAA to inform CGMS Members on the response of ITU regarding NOAA's request to exempt meteorological satellites from the ITU cost recovery for satellite network filing.	Closed. See USA-WP-25 .
ACTION 28.21	NOAA to inform CGMS Members on the progress of development and implementation of the Interference Location System for the DCS.	Closed. See USA-WP-26 .
ACTION 28.22	NOAA to distribute information on the CDMA based DCP System to CGMS Members by e-mail by 30 November 2000 .	Closed. Information was sent on 24 October 2000.
ACTION 28.23	Each satellite operator post on the CGMS homepage available relevant papers and results on satellite radiance (VIS, IR, WV) inter-comparisons in convenient format and to update them periodically throughout the period until CGMS XXIX. Deadline: 30/08/01	Closed for NOAA, JMA, Russia, EUMETSAT. USA placed on Web. See EUM-WP-14 , JPN-WP-11 and USA-WP-27 . Russia, PRC and India have no relevant input.

ACTION 28.24	NOAA/NESDIS and EUMETSAT to report at CGMS XXIX on their monitoring procedures and practices for satellite data and products placed on the GTS. Deadline: 30/08/01	Closed. See EUM-WP-15 and USA-WP-31 .
ACTION 28.25	WMO to report on the future monitoring policy for the IPS at CGMS XXIX.	Closed. See WMO-WP-20 .
ACTION 28.26	NOAA/NESDIS to report on availability of SSMIS data at CGMS XXIX.	Closed. See USA-WP-30 .
ACTION 28.27	CGMS Members to report on their implementation of BUFR encoding of satellite-tracked wind products at CGMS XXIX. Deadline: 30/08/01	Closed. See USA-WP-31 , JPN-WP-12 and EUM-WP-16 . Russia has no relevant input. CMA will provide information when the development of the wind product is finalised.
ACTION 28.28	CGMS Members to provide information papers to CGMS XXIX on operational multi-spectral methods used for the height assignment of cloud-tracked winds. The analysis should also include accuracy estimates for the heights of semi-transparent clouds. Deadline: 30/08/01	Closed. See USA-WP-31 , JPN-WP-13 and EUM-WP-16 . CMA will also present a working paper.
ACTION 28.29	In view of the imminent development toward high spectral resolution measurements from geostationary orbit, CGMS invites USA to provide a paper on wind retrievals from advanced sounding instruments to the Workshop on 'Long-term future of the basic sounding and imagery missions' to be organised by WMO in conjunction with the Expert Team on Redesign of the Global Observing Systems. A report should be provided to CGMS XXIX.	Closed. The workshop on long-term future of basic sounding and imagery missions took place on 23-24 April 2001. See USA-WP-32 .

ACTION 28.30	CGMS Members request EUMETSAT to invite ESA to provide a paper the Atmospheric Dynamics Mission to the next International Winds Workshop. Deadline: 31/12/00	Closed. EUMETSAT sent letter to ESA on 31/01/01.
ACTION 28.31	CGMS Members to report on plans and progress of the reprocessing of satellite-tracked winds from archived image data with state-of-the-art algorithms at CGMS XXIX. Deadline: 30/08/01	Closed. See <u>EUM-WP-18</u> , <u>JPN-WP-14</u> . NOAA will provide a report in WG I. Russia, PRC and India have no relevant input.
ACTION 28.32	CGMS Members to report on experiments on targeted observations using rapid scans and to explore the impact on NWP. Deadline: 30/08/01	Closed. See <u>EUM-WP-20</u> and <u>JPN-WP-15</u> . NOAA will provide a report in WG I. Russia, India and PRC have no relevant input.
ACTION 28.33	CGMS Members, performing rapid scans, to provide an update on rapid scan schedules and applications of rapid scans including an impact assessment at CGMS XXIX. This should include an NWP experiment with and without the improved winds. The analysis should also address the dependence of wind retrieval on the accuracy of the operational image navigation. Deadline: 30/08/01	Closed. See <u>EUM-WP-21</u> , <u>JMA-WP-15</u> and <u>USA-WP-31</u> . Russia, PRC and India have no relevant input.
ACTION 28.34	CGMS Members to provide comments to the CGMS Secretariat on the satellite wind monitoring results provided on the web page of the EUMETSAT NWP SAF (Satellite Application Facility) (http://www.met-office.gov.uk/sec5/NWP/NWPSAF). Deadline: 30/08/01	Closed. See <u>EUM-WP-25</u> . Positive comments from JMA, NOAA and CMA. Russia has no relevant input.