

REVIEW OF ACTION ITEMS FROM PREVIOUS CGMS MEETINGS

Actions taken to action items from the previous session are summarized for review.

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Permanent actions

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.*

-JMA informed the Secretariat of its Implementation Plan for Geostationary Meteorological Satellites by letter dated 25 July 2000.

3. *All satellite operators to provide NOAA/NESDIS with information on unexplained anomalies for study, and NOAA to provide solar event information to the satellite, operators on request and a status report on the correlation study at each meeting.*

-JMA did not provide NOAA/NESDIS with any information on unexplained anomalies, because JMA did not confirm unexplained anomalies to the GMS except scintillation after CGMS-XXVIII.

Outstanding actions from previous meetings

ACTION 26.50 *Japan and PRC to study the possibilities for back-up of product generation and inform CGMS XXVII of the progress in their discussions.*

Closed-CMA and JMA have studied together the possibilities for back-up of product generation and agreed as follows:

CMA and JMA understand that it is important to make effort to produce common satellite products, because 70% of observed area is overlapped between FY-2 and GMS/MTSAT. In this point of view, CMA and JMA confirmed that both would continue to exchange technical information on satellite products, such as algorithms, format and accuracy evaluation of them.

Actions from CGMS-XXVII

ACTION 27.01 *(1) EUMETSAT, Japan and USA to implement the monitoring of IDCS performance using the agreed set of reporting statistics and report to CGMS Secretariat.*
(2) CGMS Secretariat to report on the effectiveness of this scheme at CGMS XXVIII.

Closed-JMA reported to CGMS secretariat the monitoring data on GMS-5 by e-mail dated 30 August 2000.

ACTION 27.03 *CGMS Members to inform USA if they wish to propose experimental payloads for future GOES Satellites by 15 December 1999.*

Closed-As JMA has no plans to propose experimental payloads for future GOES Satellites, it did not inform USA of its requirement.

ACTION 27.04 *Japan to place the draft MTSAT, HiRID, LRIT and WEFAX schedule on the WMO server.*

Closed-JMA wants to close this action because launching of the MTSAT did not succeed. But immediately after the failure, JMA started to prepare the replacement of MTSAT. In JPN-WP-05 at CGMS-XXVIII, JMA will report the DRAFT version of dissemination schedule of MTSAT-1R which is to be operational in the summer of 2003.

The schedule of MTSAT-1R was sent to WMO in order to place on the WMO Server.

ACTION 27.05 *All CGMS satellite operators to review the Tables in Appendix A of WMO-WP-03 and provide any updates to WMO prior to 31 December 1999.*

Closed-JMA responded to WMO by e-mail on changing of the shift schedule from old one after the failure of MTSAT launching.

ACTION 27.06 *The Secretariat and Drafting Committee for the CGMS Consolidated Report to complete the following by 31 December 1999.*

(i) CGMS Secretariat in cooperation with WMO to draft the "general" CGMS sections and send the drafts for comments and approval to the members of the drafting committee.

(ii) Members of the drafting committee to comment or approve the text.

(iii) Each CGMS Member to update the sections referring to its organisation and to send these to the CGMS Secretariat. The representative of the drafting committee will be responsible for coordinating the inputs of its organisation.

Closed-JMA updated the sections referring to it and sent them to the CGMS Secretariat after the deadline.

ACTION 27.07 CGMS Members to announce the names of participants of the Conference Preparatory Meeting and the World Radio Conference 2000, which will support meteorological issues. The announcement shall be done using the WMO list server: cgmsfreq@www.wmo.ch.

Closed-JMA sent cgmsfreq@www.wmo.ch. its response that it would not participate in CPM and WRC2000.

ACTION 27.08 Japan and USA to inform CGMS by 31 December 1999 on their plans and the dates to when the partition plan for the band 1675 – 1710 MHz would be fully complied.

Closed-JMA informed its response to the CGMS Secretariat by e-mail dated 18 July 2000.

ACTION 27.09 CGMS Members planning the use of the frequency band 7750 – 7850 MHz to start allocating the band from its edges.

Closed-JMA informed the CGMS Secretariat that JMA has no plan to use the frequency band by e-mail dated 18 July 2000.

ACTION 27.10 CGMS Members to notify national ITU representatives of the benefits of meteorological satellites in seeking an exemption from costing recovery for satellite network filings of these systems.

Closed- JMA reported its activities in Japan to the Secretariat by e-mail dated 18 July 2000.

ACTION 27.11 All satellite operators to inform their responsible Telecommunication Administration (with copy to JMA) before MTSAT will be operational, that they are convinced that there would be no unacceptable interference between MTSAT and their satellite systems in UHF, S-band and USB.

Open -JMA will deeply appreciate that all satellite operators cooperate with this action. Concerning this, JMA will provide the detailed information for MTSAT-1R and MTSAT-2 in JPN-WP-10 at the CGMS-XXVIII as commented to the CGMS Secretariat dated 18 July 2000.

ACTION 27.13 Satellite operators performing cross-calibration to study the importance of cloud clearing and near nadir viewing for inter-comparisons and to report at the next meeting.

Closed-JMA will provide a working paper (JPN-WP-11) at CGMS-XXVIII on performing cross-calibration of visible channels

between GMS-5 and NOAA polar-orbiting satellite and report an improved method comparing with the one suggested by JMA at CGMS-XXVII.

ACTION 27.14 *All satellite operators to initiate investigations whether spectral response functions of current and previous satellites are potentially erroneous and quantify the error if possible.*

Closed-JMA reported that the spectral response function of IR 3 (water vapor channel) on current satellite (GMS-5) was potentially erroneous in JPN-WP-17 at CGMS-XXVII. For determination of more precise response function, furthermore experimental data before launch are necessary. But it is impossible to obtain the experimental data. So the previous report is the last paper which JMA can present to CGMS.

ACTION 27.15 *All satellite operators to report at the next CGMS on activities concerning satellite radiance applications over land (e.g. thermodynamic soundings, surface albedo).*

JMA has been calculating solar irradiation using visible data of GMS-5 for its numerical weather prediction since 1995.

ACTION 27.16 *All satellite operators to propose at the next CGMS which information should be put into a data base to be used in future satellite data reprocessing activities.*

As initial study on a data base used in future satellite data reprocessing activities, the information mentioned bellow will be necessary in the data base.

- Information of characteristics of the each satellite imager (function, band, resolution etc.)
- Procedure of calibration and navigation
- Raw satellite data

Further, requirements from users such as NWP centers should be taken into consideration.

ACTION 27.17 *Satellite wind producers to review utilisation of their AMVs with their respective NWP centers and report on these efforts at the next CGMS.*

Closed-JMA will report on review of utilization of AMVs in JPN-WP-13.

ACTION 27.19 *JMA on behalf of CGMS to submit the selection criteria at NWP centers for the cloud tracked winds to WGNE/JSC and ask for comment on the wide range of given observation errors.*

Closed-JMA will report the summary of comment from NWP centers represented in WGNE on the large differences in satellite wind observation errors assigned at NWP centers in JPN-WP-14.

ACTION 27.22 *JMA to invite NASDA to present further information on the Global Change Observation Mission at CGMS XXVIII.*

Closed-JMA contacted NASDA and conveyed an invitation of CGMS that NASDA to present further information on the GCOM at CGMS-XXVIII. NASDA answered to JMA that one participant would attend the meeting and make a presentation on the GCOM.

JMA informed of NASDA's intention to the CGMS Secretariat by e-mail on 2 October 2000.