



CGMS-34, NOAA-WP-01
Prepared by NOAA
Agenda Item: A.1
Discussed in Plenary

SUMMARY LIST OF ACTIONS FROM CGMS XXXIII

NOAA response to actions from CGMS XXXIII.

Summary List of Actions from CGMs XXXIII

1. 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. 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.

Status: See NOAA-WP-02&03, NOAA-WP-WP-05, NOAA-WP-WP-06, NOAA-WP-09, NOAA-WP-10 and NOAA-WP-41

2. CGMS Members to update the CEOS/WMO Consolidated Database as appropriate and at each CGMS meeting.

Status: See NOAA-WP-24

3. All CGMS satellite operators to review the Transition Tables for LRIT/LRPT (appendix A of CGMS-31 WMO-WP-03) and provide any updates as appropriate at every CGMS plenary meeting.

Status: See NOAA-WP-40

4. CGMS Members to report on anomalies from solar events at CGMS meetings.

Status: See NOAA-WP-04

5. 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.

Status: NOAA responded via e-mail

6. CGMS Members to provide information for WMO database for satellite receiving equipment, as appropriate.

Status: NOAA responded via E-mail

7. CGMS Members to review the list of available list servers used by CGMS groups and update as appropriate.

Status: See NOAA-WP-28

8. 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).

Status: See NOAA-WP-29

9. CGMS Members to consider the WIS concept (notion of DCPC, catalogue/metadata standards, protocols) when changing/implementing processing and dissemination systems.

Status: NOAA responded via E-mail

10. CGMS Members to consider WMO Core Metadata profiles within the context of the ISO Standard for Geographic Metadata (ISO 19115).

Status: NOAA responded via E-mail

1.1 New permanent actions:

11. CGMS Members are invited to review and update the CGMS list servers on a regular basis. It is suggested that the CGMS Secretariat carry out this action at the time of the call-up of the CGMS working papers.

Status: See NOAA-WP-28

2. Actions from CGMS-32

32.02 CGMS Members to provide points of contact responsible for updating the CGMS Consolidated Report. *Closed for all Members except IOC/UNESCO and NASA. The Secretariat will request this information.*

3. Actions and Recommendations from CGMS-33

Action 33.01 CGMS Members to continue interacting with WMO (Dr Bizzarro Bizzarri < bibizzar@tin.it >) in order to resolve any doubtful or missing information to complete the next issue of the “Status of the space-based component of the global observing system (GOS)”. Any further updates submitted as part of Agenda items B1, B2, B3, C1, C2 and C3 should be delivered if possible at least one month in advance of CGMS-34 to allow final tuning of the report before CGMS plenary. **Deadline: 15 September 2006**

Status: NOAA responded via e-mail

Action 33.02 WMO to send a copy of the “Implementation plan for evolution of space and surface-based sub-systems of the GOS” (WMO/TD No. 1267) to CGMS Members. **Deadline: CGMS-34**

Action 33.03 CGMS Members to provide feedback to WMO on the various proposals presented in WMO-WP-07 concerning the evolution of the spaced based system of the GOS. **Deadline: CGMS-34 (Completed via e-mail)**

Status: NOAA responded via e-mail

Action 33.04 WMO (Space Programme Office) to inform the WMO Tropical Cyclone Programme of the benefit of using water vapour polar winds for improving the accuracy of tropical cyclone forecasting. **Deadline: CGMS-34**

Action 33.05 In response to WMO-WP-25 and EUM-WP-05, CGMS satellite operators are requested to analyse the steps needed to make their archived satellite data usable for climate studies, and report to CGMS accordingly. **Deadline: CGMS-34 (NOAA-WP-19)**

Status: See NOAA-WP-19

Action 33.06 In response to WMO-WP-25, CGMS operators are invited to report on current efforts to establish and/or enhance aerosol products suitable for climate applications. **Deadline: CGMS-34**

Status: See NOAA-WP-30

Action 33.07 CGMS Members are requested to support the arrangements for their high profile training event as described in the document WMO-WP-17. **Deadline: CGMS-34**

Status: See NOAA-WP-23

Action 33.08 CMGS Members are invited to update the database on ground receiving equipment via the WMO. *Closed – addressed in permanent action 6.*

Status: NOAA responded via e-mail.

Action 33.09 CGMS Members to review and comment upon the letter to the GEO Secretariat at the very latest by Tuesday 8 November 2005. **Deadline: 8 November 2005**

Status: NOAA responded via e-mail

Action 33.10 CGMS Members are requested to provide comments and inputs on the proposal for a new CGMS Internet site to the Secretariat by the end of 2005. Based on this input, the CGMS Secretariat to discuss with WMO a way forward. **Deadline: 31 December 2005**

Status: NOAA responded via e-mail

Action 33.11 CMA to provide as a matter of urgency technical and operational parameters of the planned data transmissions in the frequency band 7750-7850 MHz to CGMS Members. **Deadline: 1 December 2005**

Action 33.12 EUMETSAT to perform sharing studies for X-band operations at MetOp stations and propose technical and operational measures to avoid interference. **Deadline: 1 February 2006**

Action 33.13 WMO to provide a forum for discussion on data transmission from meteorological satellites, with a goal of resolving radio frequency conflicts, well in advance of notification to ITU, and adopting approaches to avoid them. **Deadline: CGMS-34**

Action 33.14 Satellite operators participating in the IDCS and WMO to each nominate an expert to the IDCS contact group, and inform the Secretariat accordingly. **Deadline: 31 December 2005**

Status: NOAA responded via e-mail

Action 33.15 CGMS Members to establish a Task Force lead by NESDIS (Mr. Mitch Goldberg) with participation by EUMETSAT (Dr Johannes Schmetz), JMA (Mr. Toshiyuki Kurino), CMA (Academician Xu Jianmin) and assisted by the WMO Space Programme to prepare a draft Implementation Plan for GSICS by 1 July 2006 for review by CGMS Members by 1 August 2006 and approval at CGMS-34. **Deadlines: 1 July 2006; 1 August 2006; and CGMS-34**

Status: See NOAA-WP-33

Action 33.16 The ITWG should also help to formulate priorities for future satellite product developments related to the use of cloudy radiance in NWP. The ITWG Rapporteur should inform the ITWG co-chairs of this new action. **Deadline: CGMS-34**

Status: See NOAA-WP-34

Action 33.17 CGMS Members are requested to ensure adequate participation at the upcoming 8th International Winds Workshop in Beijing from 24 – 28 April 2006. Participation from NWP centres and relevant research institutes should be encouraged and requested by CGMS operators with indications of attendance and support by 31 December 2005. **Deadline: 31 December 2005**

Status: Dr. Jaime Daniels was the NOAA representative to the 8th International Winds Workshop.

Response will be provided at CGMS 34.

Action 33.18 The fire papers prompted CGMS to recommend that the WMO Space Programme Office create a web site posting all the links to real time fire detection data. **Deadline: CGMS-34**

Action 33.19 EUMETSAT to make the algorithm to derive the surface albedo from geostationary satellites available upon request. **Deadline: CGMS-34**

Action 33.20 EUM, CMA, NOAA and WMO to establish a task force to draft terms of reference for a potential new working group on data handling for direct data broadcast and pertinent formats (e.g. BUFR) that could be considered at the next meeting of CGMS. **Deadline: CGMS-34**

Status: See NOAA-WP-36

Action 33.21 WMO, through the WMO Space Programme, to organise a two-day Workshop in Geneva in (2nd Quarter 2006) to facilitate regional discussions for optimised operations of geostationary (1 day) and polar-orbiting satellites (1 day) to include discussions on close cooperation on instruments for future satellite missions. Two-day agenda to be developed by CGMS Secretariat in consultation with CGMS satellite operators. **Deadline: 28 February 2006**

Action 33.22 All CGMS satellite operators to update, as a matter of urgency, the WMO generated tables indicating transition of broadcast services of satellites in polar and geostationary orbit, and inform the Secretariat accordingly. **Deadline: 31 December 2005**

Status: See NOAA-WP-40

Action 33.23 Within the context of the WMO December 2005 RARS Workshop, WMO to invite China, Japan, Korea and Australia, together with other interested CGMS partners, to specifically discuss possibilities for supporting a regional ADM Service for the Asia-Pacific Region. **Deadline: 10 December 2005**

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. **Deadline: CGMS-34**

Status: NOAA continues to develop a transition plan to support users in South America

Action 33.25 CGMS Satellite Operators to review the content of the CGMS Global Contingency Plan, as contained in WMO-WP-05, and provide WMO with comments by 1 January 2006. **Deadline: 1 January 2006**

Status: NOAA responded via e-mail

Action 33.26 WMO to finalise and provide the CGMS Secretariat the final manuscript for publication. **Deadline: 28 February 2006**

4. Recommendations

Recommendation 33.01 It is recommended that CGMS encourages its Space Agency Members to provide continuity of funding for the scientific studies, pending the establishment of a consolidated study programme once a space agency has accepted the role of the lead space agency in the implementation of the IGEOLab GEO microwave project.

Recommendation 33.02 CGMS Members are encouraged to ensure that the description of their programmes on their websites contains an adequate level of technical information.

Status: See NOAA-WP-35

Recommendation 33.03 In response to WMO-WP-25, CGMS Members are encouraged to pursue the development of enhanced cloud products including cloud microphysics, recognising the GCOS requirement for improved cloud monitoring.

Status: See NOAA-WP-31

Recommendation 33.04 CGMS Members are encouraged to define and commence the development of a climate data set from hyperspectral IR instruments (AIRS, IASI, CrIS) that is substantially reduced in terms of data volume, in order to make climate processing of long time series tractable. It might be appropriate to defer this matter to the ITWG.

Status: See NOAA-WP-32

Recommendation 33.05 CGMS Members are kindly requested to provide support to the three CGMS sponsored International Working Groups, by providing travel support etc. to selected scientists.

Recommendation 33.06 CGMS Members are encouraged to provide the location of their web sites on real time fire detection to the WMO.

Status: See NOAA-WP-35

Recommendation 33.07 CGMS Members are requested to consider the production of a long-term surface albedo data set from archived VIS channel data of geostationary satellites with the help of the software developed by EUMETSAT.

Recommendation 33.08 CGMS Members planning for next generations of geostationary meteorological satellites to consider implementing a lightning mission and to coordinate the selection of the observation areas so as to realise optimal coverage of all low and middle latitudes.

Status: NOAA responded via e-mail.