



CGMS-36, NOAA-WP-01
Prepared by NOAA
Agenda Item: A.1
Discussed in Plenary

SUMMARY LIST OF ACTIONS FROM CGMS XXXV

NOAA response to actions from CGMS XXXV.

Summary List of Outstanding CGMS Actions and Recommendations

A. Permanent actions:

Permanent 01: 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, 05&06, 30

Permanent 02: CGMS Members to report on anomalies from solar events at CGMS meetings.

Status: See NOAA-WP-04

Permanent 03: CGMS Members to provide information for the WMO database of satellite receiving equipment, as appropriate.

Status: See NOAA-WP-25

Permanent 04: CGMS Members to review the list of available list servers used by CGMS groups and update as appropriate.

Status: Add James.Heil@noaa.gov and Michael.Bonadonna@noaa.gov to CGMS Plenary list server

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).

Status: See CGMS-34 NOAA-WP-29

Permanent 06: CGMS Members to consider WMO Core Metadata profiles within the context of the ISO Standard for Geographic Metadata (ISO 19115).

Status: NOAA's response to consider the WMO Core Metadata profiles remains the same as stated in their response at CGMS XXXII. However, NOAA continues to investigate the WMO Core Metadata profiles within the context of the ISO Standard for Geographic Metadata (ISO 19115). CGMS will be informed of any changes in the NOAA position.

B. Actions from CGMS-33

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 WMO.

Status: 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 CGMS 35 NOAA-WP-33 and CGMS 36 NOAA-WP-27.

C. Actions from CGMS-34

Action 34.12: CGMS members to review Space Frequency Coordination Group (SFCG) Resolution Res A12-1R2 and whether this resolution shall be used by CGMS agencies.
Deadline: 31 August 2007

Status: NOAA participated in the 27th Annual SFCG from September 19-27, 2007 where the issue was discussed with WMO representatives and member countries. NOAA found the resolution to be favourable.

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

Status: Thomas Smith, Jr.
NESDIS Satellite Services Division
301-763-8154 x 193
thomas.smith@noaa.gov

D. Actions from CGMS-35

Action 35.01: NOAA to provide more detailed information on the DMSP satellite system.
Deadline: CGMS-36

Status: See NOAA-WP-02&03

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

Status: Response sent via e-mail

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

Status: The Fourteenth Session of the GCOS/WCRP Atmospheric Observation Panel for Climate (AOPC-XIV) supported the conclusion of the CGMS focus group that, “it was for the

time being not necessary to establish a new working group under CGMS dealing with climate and inter-calibration. AOPC however agreed to maintain an overview of the situation to ensure that institutional arrangements were sufficient to ensure the implementation of a suitably-calibrated climate observing system from space.”

The AOPC report is also available at <http://gcos.wmo.int>. See page 6, point 47.

Action 35.11: All CGMS Members to nominate points of contact to support the CGMS website editorial committee. Deadline: 31 December 2007

Status: Daniel Muller, (301) 713-2024 ext. 258, Daniel.Muller@noaa.gov

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

Status: NOAA and EUMETSAT met on April 23, 2008, at NOAA's Satellite Operations Facility in Suitland, Maryland. EUMETSAT proposed a plan for the future use of the IDCS channels. The Plan was documented and presented to NOAA and JMA for review. CGMS members will meet during CGMS XXXVI to finalize the recommendations for the use of the IDCS channels.

Action 35.17: VL partners to implement RGB schemes for training use within the WMO Virtual Laboratory. Deadline: CGMS-36

Status: NOAA supported an RGB working group meeting that was held in Boulder in June, 2007 to discuss this action and to propose additional activities. The meeting was held in conjunction with the WMO Space Programme's Virtual Laboratory Management Group meeting.

Action 35.18: GSICS GCC to propose web-based interface to other satellite agencies for near-real-time instrument monitoring. Deadline: CGMS-36

Status: See NOAA-WP-14

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

Status: See NOAA-WP-31

Action 35.20: NOAA/NESDIS to include information on global and regional anomalies in their products as well. Deadline: CGMS-36

Status: See NOAA-14

Action 35.22: CGMS Members to report on precipitation estimation and validation activities at CGMS-36. Deadline: CGMS-36

Status: See NOAA-WP-19

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.

Status: The minutes of first meeting of the CGMS-WMO Task Force on Satellite Data Codes (TFSDC) held in Geneva, 26-27 February 2008 can be found at:
<http://www.wmo.int/pages/prog/sat/Reports.html#TFSDC>

Related information and documents are available at:
<http://www.wmo.int/pages/prog/sat/meetings/TFSDC-1.html>

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

Status: NOAA would be willing to entertain movement within existing physical and frequency constraints.

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

Status: NOAA is considering providing the software and documentation requested for the level 1B data. Currently, NOAA is evaluating resources and options for managing the distribution of these items to the general public in a timely and efficient manner. NOAA is considering the context of the effort required to ensure these methods and procedures adopted for the planned service meet the customers expectations and assess what needs to be done to make the information that NOAA offers is user friendly. As yet, NOAA does not have a time line for when this will be accomplished. NOAA would like to emphasize that it is not in and does not plan to go into the business of supporting the users by maintaining their software. As NOAA performs in house updates, then NOAA would keep the information in sync.

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 operator's 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:

Status: E-mail sent to CGMS Secretariat October 26, 2008

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

Status: See NOAA-WP -26

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

Status: NOAA and EUMETSAT are engaged in ongoing discussions regarding the use of NOAA ground infrastructure to improve timeliness of Metop data.

E. Recommendations from CGMS-35

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.

Status: Gary?

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.

Status: See NOAA-WP-14

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.

Status: See NOAA-WP-12

Recommendation 35.06: CGMS encourages continuation of the generation of long-term satellite-based climatologies.

Status: See NOAA-WP-17

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.

Status: Mitch?

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.

Status: See NOAA-WP-15

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.

Status: See NOAA-WP-21



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:

Status: See NOAA-WP-23

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.

Status: