

CGMS-XXVII
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Agenda Item: A.5
USAWP-01

USA Review of CGMS XXVI Action Items

Lists CGMSXXVI Actions and provides Status of USA
response to various Actions

Actions from CGMS XXVI

October 1, 1999

ACTION 26.01

CGMS Members to review and provide comments to NOAA regarding NOAA's 300 bps and 1200 bps DCP design and certification procedures, by 31 August 1998.

- ✓ Status: CLOSED. No comments received at NOAA. Design Specification finalized August 1999. See USA-WP-18.

ACTION 26.02

NOAA to present at CGMS XXVII, a proposed decision and certification plan for 300 bps DCPs for acceptance as a "standard" by CGMS Members at CGMS XXVII.

- ✓ Status: CLOSED. Certification Standards for 300 and 1200 bps DCPs were completed and released to manufacturers August 1999. See USA-WP-18.

ACTION 26.03

All CGMS Members to inform the CGMS Secretariat by 15 September 1998 on any action planned to minimize the impact of the Leonid meteor storm expected in autumn 1998 for posting on the CGMS home page.

- ✓ Status: CLOSED. U.S. input posted on the CGMS homepage on September 1998.

ACTION 26.04

WMO and CGMS satellite operators to express to the U.S.A. by 30 July 1998 their assessment of the difficulties anticipated for the global community resulting from the change of HRPT modulation scheme for NOAA-N and -N' and offer support to the U.S.A. in receiving a waiver.

- ✓ Status: CLOSED. U.S. received letters of support from CGMS members in August 1998. As a result, NOAA will not change the modulation scheme for NOAA-N and N.

ACTION 26.05

CGMS satellite operators to inform WMO of the actions they propose to take in support of the WMO Strategy of Improved Satellite System Utilization by April 1999.

- ✓ Status: CLOSED Dr. Paul Menzel attended a Redesign meeting of the Open Program Group (June 23-25). Their discussion included the U.S. actions to support the WMO strategy. See USA-WP-8

ACTION 26.06

WMO to continue the rolling review process to include additional applications of relevance to CGMS satellite operators and data impact studies and to present another iteration of the Statement of Guidance at CGMS-XXVII.

ACTION 26.07

WMO to inform GCOS that CGMS suggested that GOSSP develop its own Statement of Guidance for requirements within their purview for consideration at a future CGMS.

ACTION 26.08

CGMS Members to forward to EUMETSAT their final comments on the IDCS Users Guide by 31 August 1998.

- ✓ Status: CLOSED. Comments and an up-to-date list of certified manufacturers were provided to EUMETSAT in August 1998.

ACTION 26.09

Russian Federation, People's Republic of China to share their information and experience relevant to the interference on DCP channels in the GOMS and FY-2A areas of coverage.

ACTION 26.10

U.S.A. to forward its final comments on LRIT Global Specification Issue 2.5, by 31 July 1998.

- ✓ Status: CLOSED. No additional comments provided. LRIT Global Specifications accepted as agreed at CGMS XXVI in July 1998.

ACTION 26.11

Russia, India to forward by 31 August 1998 their final comments on the proposed LRPT/AHRPT specifications.

ACTION 26.12

EUMETSAT to propose an outline of a Broadcast Format Guide to be developed with input from all CGMS Members, by 30 September 1998.

- ✓ Status: CLOSED. An outline of the Broadcast Format Guide was received from EUMETSAT on February 15. The format was approved in March 1999.

ACTION 26.13

CGMS Members to indicate points of contact and provide input to the Broadcast Format Guide by 1 January 1999.

- ✓ Status: CLOSED. Marlin O. Perkins will represent the U.S.A. Input for the Broadcast Format Guide was submitted to EUMETSAT in June 1999.

ACTION 26.14

WMO to inform the relevant CBS Working Group of the CGMS requirement for a common code table to identify a particular instrument for satellite data and products.

ACTION 26.15

WMO to initiate a study on the possibilities of meeting WMO requirements for digital satellite image data exchange, taking into account the future trends in communication technology.

ACTION 26.16

EUMETSAT to invite ESA to report at CGMS XXVII on the status of the Envisat mission.

ACTION 26.17

CGMS Members to nominate a point of contact to contribute to the development of the new Consolidated Report by 31 August 1998.

- ✓ Status: Closed. Marlin O. Perkins is the U.S. point-of-contact for the Consolidated Report as of August 1998.

ACTION 26.18

CGMS Members to forward to J. Morgan by 31 August 1998 their inputs to the second release of the CGMS Directory of Meteorological Satellite Applications.

- ✓ Status: CLOSED. The U.S. provided input for the CGMS Directory of Meteorological Applications.

ACTION 26.19

EUMETSAT to coordinate with UN-OOSA participation of CGMS in UNISPACE III.

ACTION 26.20

CGMS satellite operators to inform WMO of past and planned tests of year 2000 compliance for communication to WMO Members via the WWW Newsletter.

- ✓ Status: CLOSED. The U.S. provided an overview and test plan for Y2K activities in January 1999. The report focus was for the GOES. See WP14.

ACTION 26.21

CGMS representative to make a presentation at CBS on behalf of CGMS on the Members' plans addressing year 2000 compliance of their operational satellite systems.

ACTION 26.22

All CGMS satellite operators to express to EUMETSAT their position regarding CGMS views on CBS restructuring, by 30 September 1998.

- ✓ Status: CLOSED. The U.S. provided comments at a meeting with EUMETSAT on November 19 – 20, 1998.

ACTION 26.23

EUMETSAT to forward to the President of WMO, by 15 November 1998 an agreed response by CGMS Satellite Operators to the CBS restructuring proposal, with respect to satellite activities and cooperation with CGMS.

ACTION 26.24

WMO to inform the other CGMS Members on detailed procedures to be followed for placing CGMS working papers on the WMO Satellite Activities server (<http://sat.wmo.ch>).

ACTION 26.25

CGMS to distribute the working papers for CGMS XXVII in an electronic form via the WMO Satellite Activities server (<http://sat.wmo.ch>).

ACTION 26.26

CGMS Members to provide inputs to WMO related to their planned use of passive sensors frequencies by 30 September 1998.

- ✓ Status: CLOSED. U.S. provided a list of channel frequencies for AMSU-A to the WMO in September 1998

ACTION 26.27

CGMS Members to indicate their use of the 2 GHz space operations band to their national frequency authorities to avoid potential future loss of parts of this important frequency band by 30 September 1998.

- ✓ Status: CLOSED. U.S. provided a list of GOES and POES frequencies to WMO in November 1998.

ACTION 26.28

WMO to communicate to its Members its recommendations concerning the protection of frequencies allotted to meteorological satellite operations prior to WRC99.

ACTION 26.29

(i) All satellite operators to send to the CGMS Secretariat, by 31 January 1999, their planned use of frequencies in the bands 137.38 MHz and 1698-1710 MHz, together with full details of satellite orbits and other relevant supporting information.

- ✓ Status: CLOSED. The U.S. provided frequency input to EUMETSAT in January 1999.

(ii) The CGMS Secretariat to consolidate all of these inputs and provide the information to NOAA in order to perform computer simulations.

- ✓ Status: CLOSED. No further input received from CGMS Secretariat.

ACTION 26.30

NOAA to perform computer simulations leading to the preparation of a draft plan identifying potential areas of interference, for discussion at CGMS XXVII.

- ✓ Status: CLOSED. See Action Item 26.29 (ii).

ACTION 26.31

CGMS Members to do their utmost to determine sources of interference to geostationary meteorological satellite services and report to CGMS XXVII.

- ✓ Status: CLOSED. U.S. has identified commercial vendors for identifying sources of interference. See USA-WP-16.

ACTION 26.32

CGMS Members to analyze requirements for future use of the IDCS in the next 10-15 years and to consider the possible reconfiguration of the IDCS to narrower bandwidth channels and report to CGMS XXVII.

- ✓ Status: CLOSED. NESDIS has reviewed unused assignments and channel allocations to determine system resource use. Higher data rates will be considered for improved system performance. See USA-WP-19.

ACTION 26.33

CGMS Members to report on the development and operation of higher-rate DCP at CGMS XXVII and to study the impact of such systems upon nominal IDCS operations.

- ✓ Status: CLOSED. See USA-WP-19.

ACTION 26.34

U.S.A. forward CGMS calibration papers to ISSCP and seek their comments.

- ✓ Status: CLOSED. U.S. provided input to EUMETSAT in April 1999.

ACTION 26.35

CGMS Members to present their operational calibration practices at CGMS XXVII.

- ✓ Status: CLOSED. See USA-WP-20

ACTION 26.36

EUMETSAT to invite ESA to present a paper at CGMS XXVII on calibration of active microwave sensors.

ACTION 26.37

CGMS Members to report on algorithm adjustment, continued inter-comparisons (expanding to other spectral bands such as the split window and water vapour bands), and absolute calibrations attempts at CGMS XXVII.

- ✓ Status: CLOSED. U.S. continues to work with JMA. Comparisons include all geostationary satellites and one polar spacecraft. See USA-WP-21

ACTION 26.38

The CGMS rapporteur on ITWG to present a report at CGMS XXVII on ITSC X in particular addressing the issues raised at CGMS XXVI.

- ✓ Status: CLOSED. Completed January 1999. See USA-WP-23

ACTION 26.39

EUMETSAT to present a report on using satellite data over land at CGMS XXVII.

ACTION 26.40

CGMS Members to initiate an action such that satellite data and products records would be adjusted to contain the exact time and location of the observations and report at CGMS XXVII.

- ✓ Status: OPEN. U.S. will discuss adjustment of data records at CGMS XXVII.

ACTION 26.41

Members of the organizing committee of IWW4 to report on the outcome of the workshop at CGMS XXVII.

- ✓ Status: CLOSED. EUMETSAT will provide a working paper at CGMS XXVII.

ACTION 26.42

JMA to report at IWW4 in a working group meeting on a comparison of monthly wind statistics based on circular and elliptic collocation areas.

ACTION 26.43

All satellite operators to consider to place their monthly performance statistics on their WWW home page.

- ✓ Status: CLOSED. U.S. began placing monthly statistics on WWW home page in September 1998.

ACTION 26.44

EUMETSAT to implement and maintain on its home page a section on "selection/rejection criteria at NWP centers for satellite tracked winds".

ACTION 26.45

The CGMS rapporteur at the Winds Workshop to raise at IWW4 the issue whether the current information on "selection/rejection criteria at NWP centers for satellite tracked winds" is complete and sufficient for a comparison of the different implementations of the utilization of satellite tracked winds at NWP centers and report to CGMS XXVII.

- ✓ Status: CLOSED. Issue addressed at the Winds Workshop in October 1998. EUMETSAT will provide a working paper at CGMS XXVII.

ACTION 26.46

The CGMS rapporteur at the Winds Workshop to raise at IWW4 the issue of utility and trade-offs of shorter time interval scans for the derivation of global wind fields and report to CGMS XXVII.

- ✓ Status: CLOSED. EUMETSAT will provide a working paper at CGMS XXVII.

ACTION 26.47

All satellite operators to investigate the current possibilities for scans at shorter time intervals (15 minutes) for the derivation of spatially denser and more accurate wind fields and report to CGMS XXVII.

- ✓ Status: CLOSED. U.S. has investigated shorter scan intervals. See USA-WP-24.

ACTION 26.48

The CGMS rapporteur at the Winds Workshop to raise at IWW4 the issue of encoding all satellite tracked winds with relevant auxiliary information in BUFR and report to CGMS XXVII.

- ✓ Status: CLOSED. See USA-WP-25.

ACTION 26.49

All satellite operators to consider an encoding of their wind products in BUFR including the delivery of auxiliary information on the quality, etc. of winds and report to CGMS XXVII.

- ✓ Status: CLOSED. Agreement reached at Winds Workshop in October 1998.
See USA-WP-25.

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.

ACTION 26.51

WMO to reconfirm the requirement for a Russian Federation geostationary satellite at 76° East over the Indian Ocean through correspondence with Roshydromet and the Russian Space Agency by 31 August 1998.

ACTION 26.52

India to study possibilities for supporting the CGMS principles on regional contingency planning and transmit them to higher authorities and report at CGMS XXVII.

ACTION 26.53

India to actively promote the use of INSAT data throughout the Indian Ocean region and inform CGMS XXVII of such use.