

CGMS XXVI LIST OF ACTIONS

<i>Permanent actions</i>	<i>Status</i>
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.	
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.	
3. All satellite operators to circulate regular satellite operational reports.	
4. 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.	
5. All CGMS Members to regularly verify the consolidated list of IDCP assignments through the online service provided by the CGMS Secretariat.	
6. All satellite operators to regularly provide WMO with information on the number of meteorological satellite reception stations in their areas of responsibility.	
7. All CGMS Members to inform users to register user stations within their area of responsibility.	
8. CGMS Members generating Satellite Tracked Winds to check that the following monthly statistics are sent and received on a quarterly basis via the CGMS server supported by WMO: number of co-locations, temporal and spatial co-location thresholds; and radiosonde inclusion/exclusion criteria.	
9. CGMS Members also participating in the CEOS Cal/Val should ensure the complementarity of activities and report at CGMS and CEOS Cal/Val meetings as required.	

<i>Outstanding actions from previous meetings</i>		<i>Status</i>
ACTION 25.05	EUMETSAT to provide CGMS Members with direct FTP access, via Internet, to the IDCS database.	<u>Closed.</u>
ACTION 25.07	USA, with the assistance of the CGMS Secretariat, to develop a primary set of reporting statistics on IDCS performance to be provided as feedback to DCP Operators and the WMO on a quarterly basis by 31 August 1998 .	<u>Closed.</u> Consolidated reporting statistics are being sent to JMA for comment in February 1999.
ACTION 25.08	CGMS Secretariat, with the assistance of WMO, to implement an IDCS end-to-end system test at the time of the regular WMO monitoring of the GTS in the period 1-15 October 1998, and report results to CGMS XXVII.	Ongoing. Effectiveness of this type of test under review with WMO and CGMS satellite operators.
ACTION 25.09	WMO to distribute the results of IDCS end-to-end system tests to the appropriate bodies with WMO (e.g. CMM and CBS).	

<i>Actions from CGMS XXVI</i>		<i>Status</i>
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 .	<u>Closed</u> . Design Specifications finalised in August 1999.
ACTION 26.02	NOAA to present at CGMS XXVII, a proposed design and certification plan for 300 bps DCPs for acceptance as a "standard" by CGMS Members at CGMS XXVII.	<u>Closed</u> . Certification Standards for 300 and 1200 bps DCPs were completed and released to manufacturers in August 1999.
ACTION 26.03	All CGMS Members to inform the CGMS Secretariat by 15 September 1998 on any action planned to minimise the impact of the Leonid meteor storm expected in autumn 1998 for posting on the CGMS home page.	<u>Closed</u> . Information posted on homepage from Japan, CMA, EUMETSAT and NOAA.
ACTION 26.04	WMO and CGMS satellite operators to express to the USA by 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 USA in receiving a waiver by 30 July 1998 .	<u>Closed</u> . NOAA 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 Utilisation by April 1999 .	<u>Closed</u> . See WMO-WP-05 for latest status of Strategy.
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.	<u>Closed</u> . See WMO-WP-07.
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.	<u>Closed</u> . Internal WMO (SSO/SAT) memo was sent on 22 July 1998.

ACTION 26.08	CGMS Members to forward to EUMETSAT their final comments on the IDCS Users Guide by 31 August 1998 .	<u>Closed</u> . The document is being published.
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.	Open.
ACTION 26.10	USA to forward its final comments on LRIT Global Specification Issue 2.5, by 31 July 1998 .	<u>Closed</u> . No additional comments received after CGMS XXVI. Specifications were published as discussed.
ACTION 26.11	Russia, India to forward by 31 August 1998 their final comments on the proposed LRPT/AHRPT specifications.	Response received from Russia on 30.09.1998.
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 .	<u>Closed</u> . Outline distributed in February 1999. 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 .	<u>Closed</u> .
ACTION 26.14	WMO to inform the relevant CBS Working Group of the requirements of some members of CGMS requirement for a common code table to identify a particular instrument for satellite data and products.	<u>Closed</u> . Internal WMO (SSO/SAT) memo was sent on 22 July 1999.

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.	<u>Closed.</u> Two OPAG ISS Expert Team Meetings in October 1999 will propose strategy for redesign of MTN for consideration at next CBS.
ACTION 26.16	EUMETSAT to invite ESA to report at CGMS XXVII on the status of the Envisat mission.	<u>Closed.</u> ESA was invited on 11.11.1998.
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 .	<u>Closed.</u>
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.	<u>Closed.</u> Inputs received. Second release is being finalised for distribution.
ACTION 26.19	EUMETSAT to coordinate with UNOOSA participation of CGMS in UNISPACE III.	<u>Closed.</u> A CGMS satellite meteorology workshop was held at 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.	<u>Closed.</u>
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.	<u>Closed.</u>

ACTION 26.22	All CGMS satellite operators to express to EUMETSAT their position regarding CGMS views on CBS restructuring, by 30 September 1998 .	<u>Closed.</u>
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.	<u>Closed.</u> Letter sent on 24.11.98.
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).	<u>Closed.</u> WMO sent this by email on 20/08/98.
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).	<u>Closed.</u> Working papers have been distributed via the WMO Satellite Activities server (http://www.wmo.ch/hinsman).
ACTION 26.26	CGMS Members to provide inputs to WMO related to their planned use of passive sensors frequencies by 30 September 1998 .	<u>Closed.</u> "Handbook on frequencies for meteorological applications" sent to WMO. SFCG agreed plan for re-allocation of frequency band 70-270 GHz and sent this to ITU.
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 .	<u>Closed</u> for Japan (fax 2.10.98) and USA (email of 2.02.99). EUMETSAT had supplied input to the German BAPT and via ESA to the French Frequency Authority.

ACTION 26.28	WMO to communicate to its Members its recommendations concerning the protection of frequencies allotted to meteorological satellite operations prior to WRC99.	<u>Closed.</u> In preparation to be distributed in October 1999. Discussions prior to WRC 2000 in expert group planned for November 1999.
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 137-138 MHz and 1698-1710 MHz, together with full details of satellite orbits and other relevant supporting information. (ii) The CGMS Secretariat to consolidate all of these inputs and provide the information to NOAA in order to perform computer simulations.	<u>Closed.</u> Response was received from NOAA via email on 1.02.99. <u>Closed.</u> No further input was received.
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.	<u>Closed.</u> See ACTION 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.	<u>Closed.</u> Russia and EUMETSAT have sent letter to ITU on 22.01.1999. NOAA/NESDIS has identified commercial vendors for identifying sources of interference. (USA-WP-16 and EUM-WP-18)
ACTION 26.32	CGMS Members to analyse 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.	Closed for EUMETSAT, NOAA, JMA. See EUM-WP-19, USA-WP-19, JMA-WP-06.
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.	<u>Closed</u> for NOAA and JMA. See USA-WP-19, JMA-WP-06 and EUM-WP-20. Discussions will take place in WG I.

ACTION 26.34	USA forward CGMS calibration papers to ISSCP and seek their comments.	<u>Closed.</u> US provided input in April 1999.
ACTION 26.35	CGMS Members to present their operational calibration practices at CGMS XXVII.	<u>Closed.</u> (see USA-WP-20, EUM-WP-22, CMA-WP-09, JMA-WP-17).
ACTION 26.36	EUMETSAT to invite ESA to present a paper at CGMS XXVII on calibration of active microwave sensors.	<u>Closed.</u> See ESA-WP-02.
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 calibration attempts at CGMS XXVII.	<u>Closed.</u> See USA-WP-21 and EUM-WP-23.
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.	<u>Closed.</u> Completed in January 1999. See USA-WP-23.
ACTION 26.39	EUMETSAT to present a report on using satellite data over land at CGMS XXVII.	<u>Closed.</u> See EUM-WP-24.
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.	Open.
ACTION 26.41	Members of the organising committee of IWW 4 to report on the outcome of the workshop at CGMS XXVII.	<u>Closed.</u> See EUM-WP-26.

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.	<u>Closed.</u> Dr. Tokuno gave a report at IWW4.
ACTION 26.43	All satellite operators to consider to place their monthly performance statistics on their WWW home pages.	<u>Closed.</u>
ACTION 26.44	EUMETSAT to implement and maintain on its home page a section on "selection/rejection criteria at NWP centres for satellite tracked winds".	<u>Closed</u> the NWP centre usage document has been put on-line on 7.12.98.
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 centres for satellite tracked winds" is complete and sufficient for a comparison of the different implementations of the utilisation of satellite tracked winds at NWP centres and report to CGMS XXVII.	<u>Closed.</u> See EUM-WP-28.
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.	<u>Closed.</u> Issue was raised at IWW4. A report is found in EUM-WP-29.
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.	<u>Closed</u> for NOAA and EUMETSAT. See USA-WP-25, EUM-WP-29.
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.	<u>Closed.</u> Issue was raised at IWW4. See EUM-WP-30.
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.	<u>Closed.</u> Suggestion was made at IWW4. See USA-WP-25 and EUM-WP-30.

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.	Open.
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 .	<u>Closed</u> . Letter sent on 09.09.1998.
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.	Open.
ACTION 26.53	India to actively promote the use of INSAT data throughout the Indian Ocean region and inform CGMS XXVII of such use.	Open.