

UPDATE OF THE CGMS CONSOLIDATED REPORT

This document reports on the status of preparation of an updated version of the CGMS Consolidated Report.

CGMS Members are invited to review the first draft of the revised Consolidated Report, which will be distributed in time for the meeting, and comment accordingly. All proposals for revision to be submitted to the Secretariat by 30 November 2000.

UPDATE OF THE CGMS CONSOLIDATED REPORT

1 INTRODUCTION

During CGMS XXVII, it was agreed that the CGMS Consolidated Report (the most recently published version being the 8th edition, issued in 1989) should be updated (Action 27.06). The revised Consolidated Report would also serve as a basis for the upgrade of CGMS Web pages and would be structured to allow regular and easy update. A new structure for the Consolidated Report, proposed by the Secretariat, was agreed by CGMS Members in January 2000 (see the Attachment to this document).

2. PROGRESS TO DATE

Preparation of the Consolidated Report is progressing well and it is expected that an electronic version of the first draft will be available at the time of CGMS XXVIII, for review and subsequent approval of Members.

At the time of writing, the status of preparation is the following:

Inputs are available from China, India, Russia, WMO, USA and EUMETSAT. Input from Japan is expected very soon.

General sections, such as introduction, history and objectives, global role of satellites and the section on the coordination of satellite systems have been jointly updated by the Secretariat and WMO.

Other sections are currently being drafted based upon inputs provided by Members over recent months. Text editing and harmonisation of format and style is currently in progress. Where necessary, very detailed inputs will be placed in Annexes. As a result of the editing certain sections may require further information whilst others may appear to be somewhat reduced or annexed.

3 CONCLUSION

CGMS Members are invited to review the first draft of the revised Consolidated Report when it is distributed by the Secretariat and comment accordingly. All proposals for revision should be submitted to the Secretariat no later than 30 November 2000.

NEW STRUCTURE FOR CGMS CONSOLIDATED REPORT

EUMETSAT
CGMS Secretariat
February 2000

1. INTRODUCTION

1.1. History and Objectives

Will include a short history, objectives (e.g. ref. to Charter) of CGMS, Membership, lists of meetings and role of WMO in the Group).

1.2. The Global Role of Satellites

2. COORDINATION OF SATELLITE SYSTEMS

2.1. Geostationary Satellite Systems and their Missions

2.2. Polar Satellite Systems and their Missions

2.3. Satellite System Contingency Plans


3. DATA DISSEMINATION MISSIONS

3.1. Current Dissemination via geostationary satellites


3.1.1 INTRODUCTION

3.1.2. HIGH RESOLUTION IMAGE DISSEMINATION

Include references to existing technical documentation (e.g., WEFAX, and sources of this type of info on the Web).

 *EUMETSAT, India, Japan, PRC, Russian Federation, USA*


3.1.3 LOW RESOLUTION IMAGE DISSEMINATION

 *EUMETSAT, India, Japan, PRC, Russian Federation, USA*

3.2. Future geostationary meteorological satellite broadcasts schemes

3.2.1. HIGH RATE INFORMATION TRANSMISSION

Include references to existing technical documentation on HRIT and sources of this type of info on the Web).

 *EUMETSAT, India, Japan, PRC, Russian Federation, USA*

3.2.2 Low Rate Information Transmission (link to global spec.)

Include references to existing technical documentation on LRIT and sources of this type of info on the Web).

☞ *EUMETSAT, India, Japan, PRC, Russian Federation, USA*

3.3. Current Dissemination via Polar Orbiting Meteorological Satellites

3.3.1. HIGH RESOLUTION IMAGE DISSEMINATION

Include references to existing technical documentation (e.g., HRPT, and sources of this type of info on the Web).

☞ *India, Russian Federation, USA*

3.3.2. LOW RESOLUTION IMAGE DISSEMINATION

Include references to existing technical documentation (e.g., APT, and sources of this type of info on the Web).

☞ *India, Russian Federation, USA*

3.4. Future dissemination via polar orbiting meteorological satellites

3.4.1. HIGH RATE PICTURE TRANSMISSION

Include references to existing technical documentation (e.g., AHRPT and sources of this type of info on the Web).

☞ *EUMETSAT, India, Japan, PRC, Russian Federation, USA*

3.4.2. LOW RATE PICTURE TRANSMISSION (LINK TO GLOBAL SPEC)

Include references to existing technical documentation (e.g., LRPT and sources of this type of info on the Web).

☞ *EUMETSAT, India, Japan, PRC, Russian Federation, USA*

3.5. Dissemination of Satellite data via the GTS and Internet

3.5.1. INTRODUCTION

3.5.2. DISSEMINATION OF METEOROLOGICAL PRODUCTS, DCP REPORTS, ADMINISTRATIVE MESSAGES, OTHER METEOROLOGICAL DATA BY GTS (REFERENCE TECHNICAL DOCUMENTS, SCHEDULES, WEB SITES).

☞ *EUMETSAT, India, Japan, PRC, Russian Federation, USA*

3.5.3. DISSEMINATION OF METEOROLOGICAL PRODUCTS, DCP REPORTS, ADMINISTRATIVE MESSAGES, OTHER METEOROLOGICAL DATA VIA THE INTERNET (REFERENCE TECHNICAL DOCUMENTS, SCHEDULES, WEB SITES).

☞ *EUMETSAT, India, Japan, PRC, Russian Federation, USA*

3.6. Data Policy of CGMS Members

☞ *EUMETSAT, India, Japan, PRC, Russian Federation, USA*

4. INTERNATIONAL DATA COLLECTION & DISTRIBUTION

4.1 Brief introduction to the IDCS

Plus link to [IDCS User Guide](#) (may include some references to original sub-paras 4.1 – 4.7 of CR version 8).

Also brief reference to IDCS interference problems, then link to [Section 5 - Telecommunications](#).

5. TELECOMMUNICATIONS

5.1. Coordination of frequency allocations

Reference to relevant SFCG, ITU and WRC discussions.

Achievements to date.

Brief history and summary of WG I discussions (Secretariat and Chairman of WG I and WMO). Use links to relevant topic pages of WMO, SFCG, ITU.

5.2. Problems of Interference to satellite transmissions and the IDCS

6. SATELLITE DATA CALIBRATION AND METEOROLOGICAL PARAMETER EXTRACTION

6.1 Introduction

6.2. Data calibration techniques carried out by CGMS Members

Include references to existing technical documentation (e.g., Calibration reports, campaign reports) and other sources of this type of info on the Web.

☞ *EUMETSAT, India, Japan, PRC, Russian Federation, USA*

6.3 Inter-calibration activities of the satellite operators

Summary of relevant discussions from WG II.

6.4 Climate data, ISCCP and GPCP

Link or reference published ISCCP material (WMO?), especially if available in electronic form.

6.5 Other meteorological parameters

Including vertical soundings, SST, cloud analysis, upper tropospheric humidity and other operational and experimental products.
Brief history and summary of WG II discussions.

7. SATELLITE TRACKED WINDS

7.1 Introduction

7.2 SatelliteTracked Winds

- 7.2.1. INTRODUCTION, RESULTS OF WINDS WORKSHOPS
- 7.2.2. WIND EXTRACTION METHODS, STATISTICS
- 7.2.3. INTERNATIONAL COMPARISON OF SATELLITE WINDS

Link or reference published proceedings of, e.g. Winds Workshops, especially if available in electronic form.

8. RETRIEVAL OF ARCHIVED DATA

8.1 Introduction

8.2 Archive Systems Operated by CGMS Members

Include references to existing technical documentation (e.g., MARF User Guides, User “browse” pages) and other sources of this type of info on the Web.



EUMETSAT, India, Japan, PRC, Russian Federation, USA

ANNEXES

- Annex 1 CGMS Charter
- Annex 2 Glossary of Terms and List of Acronyms
- Annex 3 List of CGMS Final Reports and documents (with links)
- Annex 4 Lists of CGMS Working Papers according to Agenda
- Annex 5 Reference Index for CGMS Subjects (may remove need for Annex 4)
- Annex 6 List of Participants in CGMS Meetings
- Annex 7 Points of Contact for operational/engineering matters (link to latest meeting report)