

**CGMS-52-WGI-WP-08**  
**08 April 2024**

*Prepared by: EUMETSAT*  
*Agenda Item 7.1*  
*Discussed at WG-I*

<b>Subject</b>	<b>Report from the CGMS WGI Task Group on Data Collection Services (incl. latest ToR, status on current &amp; proposed/planned activities)</b>
<b>In response to CGMS action/recommendation</b>	
<b>HLPP reference</b>	
<b>Executive Summary</b>	<p>The primary task of the group has been to address the need for and make proposals for a new IDCS DCP standard, the development of DCS best practices for DCS data access and for DCP certification, as well as the inclusion of CGMS DCS webpage.</p> <p>The Task Group on DCS, consisting of DCS Managers from each of the satellite operators, have met virtually as part of the WGI Intersessional meetings, but also face-to-face in the context of other already scheduled DCS-related meetings.</p> <p>This paper presents the status of the Task Group on DCS activities and progress since CGMS-51. The discussions of the Enhanced DCP (E-DCP) standard have continued and is a major topic for the group. The group has developed a proposal for the way forward in developing a new IDCS/E-DCP standard but need some guidance.</p>
<b>Action/Recommendation proposed</b>	<p>WGI is invited to take note and comment on:</p> <ul style="list-style-type: none"><li>- The status of DCS Task Group on DCS activities and progress since CGMS-51.</li></ul>



## 1 INTRODUCTION

This paper presents the report from the WGI Task Group on Data Collection Services (DCS). The creation of the group was endorsed at CGMS-46. This report covers the group's activities since CGMS-51.

The main purpose of the group is to make continued effective progress with DCS activities and issues in the context of CGMS. The first task of the group has been to address the need for and make proposals for a new IDCS DCP standard, the development of DCS best practices for common DCS data access mechanisms and DCP certification, as well as the inclusion of CGMS DCS webpage.

The Task Group on DCS, consisting of DCS Managers from each of the satellite operators, have met regularly as part of the virtual WGI Intersessional meetings, but also face-to-face in the context of other already scheduled DCS-related meetings.

## 2 TASK GROUP STRUCTURE AND MANAGEMENT ARRANGEMENTS

### 2.1 Core Members

As part of WGI, all CGMS members are encouraged to participate in the Task Group on DCS. The core members of this group are the DCS Managers from each of the following agencies:

EUMETSAT	Nicholas Coyne – Co-ordinator
EUMETSAT	Karolina Nikolova
EUMETSAT	Wil Doran
NOAA	William Dronen
NOAA	Letecia Reeves
JMA	Kotaro Bessho
JMA	Yasutaka Hokase

Also the following frequency managers:

NOAA	Beau Backus
EUMETSAT	Markus Dreis

A mailing list server for the WGI Task Group on DCS has been setup-  
[WGI\\_DCS@LISTSERV.EUMETSAT.INT](mailto:WGI_DCS@LISTSERV.EUMETSAT.INT)

The following people are included on the list in addition to those listed above:

- Anne Taube - EUMETSAT
- Dave Kunkee - Aerospace Corp
- Juha-Pekka Luntama – ESA
- Mark W. Turner – NOAA
- Melanie Heil - ESA
- Nancy Ritchey - NOAA
- Olga Ryzhkova - Roshydromet
- Sean Dominic Burns – EUMETSAT
- Thomas Feroli - NOAA
- Yu Deng – NOAA
- Hassan Haddouch – WMO

The co-ordinator should be informed of any CGMS members wishing to be included on the list.

## **2.2 Meetings**

### **Intersessional Meetings**

The group has held regular intersessional meetings since the last CGMS report. No face to face meeting of this group has been possible since Paris Met Expo in 2022.

The intersessional meetings continued after CGMS-51 with a monthly frequency due to the discussions on the Enhanced DCP standard.

## **2.3 Reporting**

This Task Group on DCS provides a report (this report) of its Intersessional Meetings to WGI interested parties and a full report of its activities for review to CGMS WGI.

## **3 ACTIVITIES**

### **3.1 New DCP Standards and Applications (A49.03)**

The group had moved further with the subject of new standards and have identified a standard which is presented in a separate paper for endorsement CGMS-52-WGI-WP-14.

## **4 TERMS OF REFERENCE**

### **4.1 Responsibilities**

- To identify the needs for new International capable DCP standards taking into account the outcome of the ARTES 5.2 study commissioned by ESA
- To propose to CGMS the new international standard
- To facilitate the development towards an operational international standard
- Develop and maintain a DCS handbook
- The development of DCS best practices
- Develop and maintain the content for a CGMS DCS webpage
- Organisation of regular DCS workshops in co-ordination with the Satcom Forum
- Co-ordination of International DCS between the organisations
- Maintain an RFI DCS register
- Suggest improvements to the DCS especially based on the output of the SWOT analysis

## 4.2 Interactions

The Task Group will meet as part of the WG I Interessional meetings with a goal of somewhere between 6 and 12 meetings per year. The majority of these meetings will be virtual but also some face-to-face meetings could be realised in the context of other already scheduled DCS-related meetings or meeting were a majority of the members would be present.

In addition to the regular interessional meetings the Task Group will plan to convene a DCS workshop every 2 years. This will be arranged in co-ordination with the Satcom Forum, which is traditionally hosted during the Met Tech Expo. The goal of this workshop is to facilitate interactions between the operators, users and manufacturers.

## 5 ACTIONS/RECOMMENDATIONS FOR CONSIDERATION BY CGMS-52 WGI

CGMS is invited to take note of the Task Group on DCS activities and progress since CGMS-51, along with the proposed updated actions.

### Action: A49.03: Updated

Analyse existing DCP standards taking into account user feedback, and propose a common standard that could be used as a future IDCS standard. This would be an evolution of an existing standard. There would also be workshops with the manufacturers to understand the best way to identify and implement this standard taking into account the SWOT analysis and the results of the survey commissioned by ESA.

This is covered in the paper CGMS-52-WGI-WP-14. Item 7.3.

## 6 CONCLUSION

Since the creation of the WGI Task Group on DCS, progress has been made in several areas including standardisation of data access and DCP certification.

WGI is invited to take note.