

## **STATUS AND PROBLEMS OF THE IDCS**

**This document reports on the performance of the  
International Data Collection System (IDCS).**

**CGMS Members are invited to take note.**

## STATUS AND PROBLEMS OF THE IDCS

### 1 INTRODUCTION

This document presents a status report on the performance of the International Data Collection System (IDCS).

### 2 STATUS OF IDCS

As of the beginning of September 2002, there are around 354 International DCP (IDCP) are registered worldwide for use with the IDCS, using 19 of the 33 available channels (see below). This is a significant drop in numbers, when compared to one year ago (636 IDCP), caused primarily by the recent removal of a large number of GOES SEAS units. Of the remaining, 32 are Aeronet DCP operating on channels I23-I24 and 170 are "Regional" DCP belonging to WMO agro-meteorological and hydro-meteorological networks and operating over channels I27-I33.

Globally, the total number of IDCP allocated on individual IDCS channels is:

Channel	06	07	10	12	13	14	15	16	18	20	23	24	27	28	29	30	31	32	33
No. IDCP	17	27	10	18	6	9	9	34	10	12	16	16	41	22	12	31	31	14	19

During August 2002, EUMETSAT processed around 7,542 messages from 139 IDCP transmitting on channels I6 – I20 (in the Meteosat field of view). In addition, there were 13,356 Aeronet messages and 7,586 WMO network messages.

It will be recalled that channels I23-I24 (Aeronet), I27-I33 (WMO networks) and I25-I26 (shortly to be operated by Planeta/Roshydromet) are being used within the Meteosat IDCS, on a temporary basis, with the special agreement of CGMS, until such time that all these DCPs can be transferred to the MSG Data Collection and Retransmission Service (expected during 2003).

### 3 INTERFERENCE TO THE IDCS

Because of preparations leading up to the launch of MSG-1 and, more recently activities associated with MSG commissioning, there is currently only partial monitoring of the IDCS channels by EUMETSAT, however, during the last twelve months the levels of interference affecting users of IDCS channels within the Meteosat telecommunications field of view has been relatively low, with only occasional interference detected on channel I12.

### 4 CONSOLIDATED LIST OF IDCS ALLOCATIONS

Once again, there have been very few new allocations of DCP within the on-line listing of IDCS allocations

([www.eumetsat.de/idcs/](http://www.eumetsat.de/idcs/)) during the last year. At the present time the following Members have read/write access: EUMETSAT, Japan and USA. WMO has read-only access for system monitoring purposes. CGMS Members may access this database at any time and the CGMS Secretariat (EUMETSAT) is responsible for keeping the global database up to date.

## **5 CONCLUSION**

CGMS Members are invited to take note of the status and performance of the IDCS.