

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.

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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 April 2004, there were 395 International DCP (IDCP) registered worldwide for use with the IDCS, actively using 20 of the 33 available channels (see below). This is 18 more than one year ago. Of the remaining, 44 are Aeronet DCP operating on channels I23-I24, 20 are operated by ROSHYDROMET on I25, and 180 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	25	26	27	28	29	30	31	32	33
No.	17	27	10	18	6	9	9	34	9	12	22	22	20	0	45	28	12	31	31	14	19
	Regular IDCS										Aeronet ROS			WMO Networks							

During March 2004, EUMETSAT processed around 11,469 messages from 151 IDCP transmitting on channels I06 – I20 (in the Meteosat field of view). In addition, there were 39,534 Aeronet messages and 8,645 WMO network messages. All these figures are significantly increased from the last report (September 2003). There were 1202 ROSHYDROMET messages received from 20 IDCP on channel I25, 1201 of which could not be recognised and rebroadcast due to inappropriate ID information. EUMETSAT was informed a CGMS XXXI that future IDCS allocations will contain correct ID information.

It will be recalled that channels I23-I24 (Aeronet), I27-I33 (WMO networks) and I25-I26 (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 Services provided by MSG-2 (currently expected late 2005).

It will be recalled that following the failure of an SSPA on board MSG-1, it is currently not possible to operate the direct broadcast services, nor the IDCS mission. However, EUMETSAT plans to implement the baseline Data Collection and Retransmission Service with MSG-2 and 3. DCP messages acquired via Meteosat-7 are also re-broadcast via METEOCast.

3 INTERFERENCE TO THE IDCS

Because activities associated with MSG-1 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

There have been a few new allocations of DCP (Aeronet and HyCOS) within the on-line listing of IDCS allocations (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.