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STATUS OF THE IDCS

This document reports on the performance of the IDCS over the last year, highlighting in particular the regional use of IDCS channels in support of the Indian Ocean Tsunami Warning System.

CGMS Members are invited to take note and comment accordingly

STATUS OF THE IDCS

1 INTRODUCTION

This document reports on the performance of the IDCS over the last year, highlighting in particular the regional use of IDCS channels in support of the Indian Ocean Tsunami Warning System.

2 IDCS STATUS

As of the beginning of October 2008, there were 18 International DCP (IDCP) registered by EUMETSAT for normal use of the IDCS, using only 4 of the 33 channels available. This is a substantial reduction from 2007 due to removal of unused allocations.

It will be recalled that channels I22 (CMA), I23-I24 (Aeronet), I27-I33 (WMO networks) and I25-I26 (Planeta/ROSHYDROMET) are being used within the Meteosat IDCS for regional use, on a temporary basis, with the special agreement of CGMS with the following allocations:

- 60 DCP allocated on channels I23 and 24, operated by the Aeronet programme;
- 20 DCP allocated on channels I25 and I26, operated by ROSHYDROMET, these transmissions are not received or processed by EUMETSAT;
- 80 DCP allocated on channels I27-I33, operated by WMO agro-meteorological and hydro-meteorological networks;
- 43 DCP allocated on channels I08, I09, I11, I17, and I19 supporting IOTWS. I21 is provisionally allocated for future expansion of the IOTWS.

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

Channel	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
No.	0	0	0	0	0	0	0	10	10	0	10	0	4	0	1	3	8

Channel	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
No.	0	4	10	0	0	30	30	20	0	44	32	0	1	0	2	1	
					CM A	Aeronet	Russia	WMO									

Green – regular IDCS, dark blue – IOTWS,

All DCP messages are relayed via EUMETCast and the GTS. Meteosat-9 (MSG-2) is fully operational in supporting both the IDCS and the Meteosat DCS.

Meteosat-6 is supporting the IOTWS (see next section)

3 INDIAN OCEAN TSUNAMI WARNING SERVICE (IOTWS)

The DCP allocations in support of the IOTWS using Meteosat-6 and Meteosat-9 continue to grow. PTWC (Pacific Tsunami Warning Centre) and ODIN Africa now have allocations, with the agreement of CGMS. The DCP messages transmit every 15 minutes and are relayed as bulletins to the GTS and EUMETCast via the Fucino ground station and EUMETSAT control centre in Darmstadt. Further growth is expected over the coming years, especially with the establishment of a regional centre in the future..

In addition to the DCPs allocated to IOTWS using Meteosat-6, 3 regional channels on MSG-2 (Meteosat-9) are supporting 26 IOTWS DCPs.

4 INTERFERENCE TO THE IDCS

During the last twelve months the level of interference affecting IDCS channels within the Meteosat telecommunications field of view has not been sufficient to affect system performance.

5 CONCLUSION

CGMS is invited to take note and comment accordingly.