

STATUS OF THE IDCS

This paper reports on the status of the registered International Data Collection Platforms (IDCPs) with the MTSAT International Data Collection System (IDCS).

As of the end of August 2006, 64 IDCPs are registered with the MTSAT IDCS on eight out of the 33 international channels. There has been no remarkable change in the number of the registered IDCPs.

As to the status of interference to the IDCS channels, harmful interferences that could cause data collection failure were detected in two out of 33 IDCS channels.

The information on the MTSAT IDCS is available on the following web site:
http://mscweb.kishou.go.jp/operation/opr_report.htm.

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1 INTRODUCTION

The purpose of this document is to report on the current status of registered International Data Collection Platforms (IDCPs) with the MTSAT International Data Collection System (IDCS), and interference on the MTSAT IDCS channels.

2 STATUS OF THE REGISTERED IDCPs

As of the end of August 2006, 64 IDCPs are registered with the MTSAT IDCS, and they are operated on eight out of the 33 international channels. The registered IDCPs consist of 57 IDCPs on ships and seven on aircraft (Aircraft to Satellite Data Relay (ASDAR)). Channels 6, 7, 10, 14, 15, 16 and 20 are assigned to ships, and channel 18 to ASDAR. Figure 1 shows the changes in the number of registered IDCPs with the MTSAT IDCS from December 2003 to July 2006. There is no remarkable change in the number of the registered IDCPs.

Reception and dissemination of IDCP messages from August 2005 to July 2006 are summarized in Table 1.

3 STATUS OF THE INTERFERENCE TO THE IDCS CHANNELS

The status of interference to the MTSAT IDCS channels from August 2005 to July 2006 is summarized in Table 2. In this period, harmful interferences that could cause data collection failure were detected in two out of 33 IDCS channels, i.e. in channels 2 and 33.

The information on the status of the MTSAT IDCS is included in "*Monthly Operations Report*" available at the web site of the Meteorological Satellite Center (MSC) (http://mscweb.kishou.go.jp/operation/opr_report.htm).

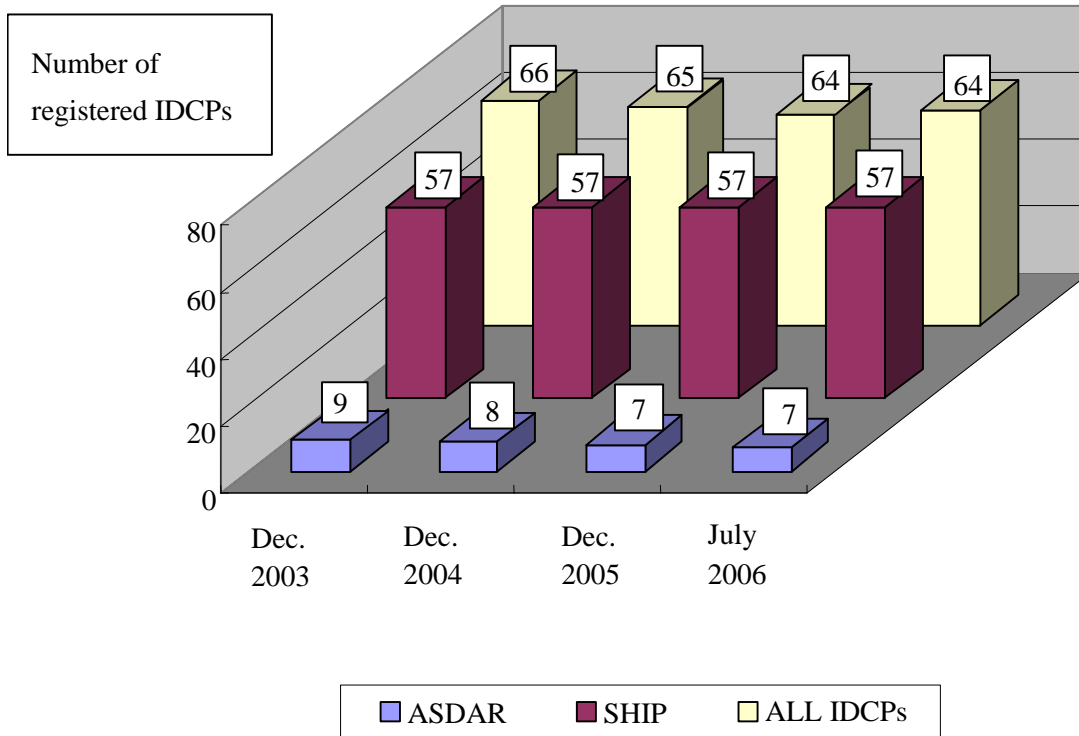


Figure 1 Changes in the number of registered IDCPS

Table 1 Reception and dissemination of IDCPS messages (August 2005 - July 2006)

Channel (Number of registered IDCPS)	06 (14)	07 (22)	10 (3)	14 (3)	15 (7)	16 (5)	18 (7)	20 (3)	Total (64)
Received messages	0	0	0	0	5160	0	4114	0	9274
Messages disseminated to the GTS*	0	0	0	0	0	0	3620	0	3620

* Invalid and/or duplicated messages have been eliminated.



Table 2 Interference on the IDCS Channels
(August 2005 - July 2006)

	2005					2006						
	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
CH 1	W	W	W		W	W	W	W	W	W	W	
CH 2	H	H	H	W	H	H	H					
CH 3										W		W
CH 4												
CH 5		W	W	W	W							
CH 6												
CH 7												
CH 8												
CH 9												
CH10												
CH11												
CH12												
CH13												
CH14												
CH15												
CH16												
CH17												
CH18												
CH19												
CH20												
CH21												
CH22												
CH23												
CH24												
CH25	W	W				W						
CH26												
CH27												
CH28												
CH29												
CH30												
CH31												
CH32												
CH33	H	H	H	H	H	H	H	H	H	H	H	H

W: weak interference
H: harmful interference