


Note

- This provisional operational schedule was made based on the latest technical information on MTSAT-1R. There might be slight modification, in accordance with the result of coming in-orbit test.
- Along with HRIT and LRIT imagery, MTSAT-1R will disseminate HiRID (compatible with S-VISSR imagery of GMS-5) and WEFAX imagery, as transition measures for existing of users of GMS-5/GOES-9 observational data toward the end of 2007 with possible modification subject to the actual date of launch.
- Dissemination of numerical weather prediction data will not be made through MTSAT-1R.
- Dissemination plan during the individual sun interference will be announced in MANAM.

Legend

	Observation (full-disk/half-disk)		M/T: MANAM or TEST PATTERN
	HiRID		HRIT
	WEFAX		LRIT

Abbreviations

hh: hours in UTC

1. Observation

Observation	Abbreviation	Explanation for symbols
1. Hourly full disk	Fhh	F:Hourly full-disk observation
2. Hourly Northern Hemisphere	Nhh	N:Hourly Northern-Hemisphere observation
3. Special observations for wind extraction	NhhW	W: for Wind extraction, S: Southern-Hemisphere observation Every 6 hours (00, 06, 12 and 18UTC), two Northern-Hemisphere and two Southern-Hemisphere observations will be performed before and after the full-disk observation respectively. Among the above hemisphere observations, NhhW and ShhW are special observations for wind extraction. For example, observations at about 12UTC are N11, N11W, F12, S12 and S12W.
	Shh	
	ShhW	

2. HiRID Dissemination (Imagery in all wavelength will be disseminated each time)

Images	Abbreviation	Explanation for symbols
1. Hourly full disk	Fhh	F:Hourly full-disk observation
2. Hourly Northern Hemisphere	Nhh	N:Hourly Northern-Hemisphere observation
3. Special observations for wind extraction	NhhW	W: for Wind extraction, S: Southern-Hemisphere observation Every 6 hours (00, 06, 12 and 18UTC), two Northern-Hemisphere and two Southern-Hemisphere observations will be conducted before and after the full-disk observation, respectively. Among the above hemisphere observations, NhhW and ShhW are special observations for wind extraction. For example, observations at about 12UTC are N11, N11W, F12, S12 and S12W.
	Shh	
	ShhW	

3. HRIT Dissemination (Imagery in all wavelength will be disseminated each time)

Images	Abbreviation	Explanation for symbols
1. Hourly full disk	Fhh	F:Hourly full-disk observation
2. Hourly Northern Hemisphere	Nhh	N:Hourly Northern-Hemisphere observation
3. Special observations for wind extraction	NhhW	W: for Wind extraction, S: Southern-Hemisphere observation Every 6 hours (00, 06, 12 and 18UTC), two Northern-Hemisphere and two Southern-Hemisphere observations will be performed before and after the full-disk observation respectively. Among the above hemisphere observations, NhhW and ShhW are special observations for wind extraction. For example, observations at about 12UTC are N11, N11W, F12, S12 and S12W.
	Shh	
	ShhW	

4. WEFAX Dissemination

Images	Abbreviation	Explanation for symbols
1. Polar-stereographic (Hourly)	H-hh	Infrared-ch1 polar-stereographic image covering East Asia
	I-hh	Visible polar-stereographic image covering East Asia
	J-hh	Enhanced infrared-ch1 polar-stereographic image covering East Asia
2. Quadrant (3-hourly)	A-hh	Infrared-ch1, Northwest quadrant of the full disk
	B-hh	Infrared-ch1, Northeast quadrant of the full disk
	C-hh	Infrared-ch1, Southwest quadrant of the full disk
	D-hh	Infrared-ch1, Southeast quadrant of the full disk
3. Quadrant (12-hourly; 00 and 12UTC)	K-hh	Infrared-ch3, Northwest quadrant of the full disk
	L-hh	Infrared-ch3, Northeast quadrant of the full disk
	M-hh	Infrared-ch3, Southwest quadrant of the full disk
	N-hh	Infrared-ch3, Southeast quadrant of the full disk

5. LRIT Dissemination

Images	Abbreviation	Explanation for symbols
1. Full disk	D1-Fhh	Infrared-ch1, Full disk
	D3-Fhh	Infrared-ch3, Full disk
2. Polar-stereographic	PS-Fhh	There are three different polar-stereographic imagery covering: East Asia, the Northeast of Japan, and the Southwest of Japan. See Table 1 for the detailed dissemination plan.
	PS-Nhh	

6. Observation channels of MTSAT-1R imager

Channel	Wavelength	
Infrared-	ch1	10.3-11.3µm
	ch2	11.5-12.5µm
	ch3	6.5-7.0µm
	ch4	3.5-4.0µm
Visible	0.55-0.90µm	

Table 1. LRIT dissemination plan

Observation	Polar-stereographic projection (PS-Fhh and PS-Nhh)						Full disk	
	East Asia Visible	East Asia Infrared-ch1	East Asia Infrared-ch3	East Asia Infrared-ch4	the northeast of Japan Visible	the southwest of Japan Visible	Infrared-ch1 (D1-Fhh)	Infrared-ch3 (D3-Fhh)
F00	D	D	D		D	D	D	D
N00								
F01	D	D	D		D	D	D	
N01	D	D	D		D	D		
F02	D	D	D		D	D	D	
N02	D	D	D		D	D		
F03	D	D	D		D	D	D	
N03	D	D	D		D	D		
F04	D	D	D		D	D	D	
N04	D	D	D		D	D		
F05	D	D	D		D	D	D	
N05	D	D	D		D	D		
F06	D	D	D		D	D	D	D
N06								
F07	D	D	D		D	D	D	
N07	D	D	D		D	D		
F08	(D)	D	D	(D)	(D)	(D)	D	
N08	(D)	D	D	(D)	(D)	(D)		
F09	(D)	D	D	(D)	(D)	(D)	D	
N09	(D)	D	D	(D)	(D)	(D)		
F10		D	D	D			D	
N10		D	D	D				
F11		D	D	D			D	
N11		D	D	D				
F12		D	D	D			D	D
N12								
F13		D	D	D			D	
N13		D	D	D				
F14		D	D	D			D	
N14		D	D	D				
F15		D	D	D			D	
N15		D	D	D				
F16		D	D	D			D	
N16		D	D	D				
F17		D	D	D			D	
N17		D	D	D				
F18		D	D	D			D	D
N18								
F19		D	D	D			D	
N19		D	D	D				
F20		D	D	D			D	
N20		D	D	D				
F21	(D)	D	D	(D)	(D)	(D)	D	
N21	(D)	D	D	(D)	(D)	(D)		
F22	(D)	D	D	(D)	(D)	(D)	D	
N22	(D)	D	D	(D)	(D)	(D)		
F23	D	D	D		D	D	D	
N23	D	D	D		D	D		

D: Dissemination