

Jennifer Best - Updates to WMO Publication No.9 Volume C2

From: <iao-jma@met.kishou.go.jp>
To: <jbest@wmo.int>
Date: 08 March 2010 1:54 PM
Subject: Updates to WMO Publication No.9 Volume C2
CC: <wwwmail@wmo.int>
Attachments: VolC2_MTSAT-1R_20100308.doc; Feedback_Ch1.xls

Dear Ms Best,

I am writing to you regarding updates to the WMO Publication No.9 Volume C2.

JMA launched geostationary satellites in 2005 and 2006, which led to changes in transmission specifications, and unfortunately that has not been reflected to the said publication. In this regard, I would appreciate it if you could make necessary amendments in accordance with the attached files, that will replace Page 17 through 20 (GMS-5 and MTSAT-1R) in the current edition.

Thank you in advance and with my best regards,

Naoyuki Hasegawa (Mr)
Head, Office of International Affairs
Japan Meteorological Agency

Region: II JAPAN
Satellite: MTSAT-1R (backed-up by MTSAT-2)
Operator: JMA
Service:
Type: Geostationary

Date: 28 June 2005

Satellite Coverage Sector/Orbit type:

Western Pacific area

Technical Specification:

Frequency: 1691.00 MHz,
Modulation techniques: BPSK
EIRP: 25 dBW

Type of Broadcast:

LRIT

Products/Services Available:

Images from a scanning radiometer on MTSAT:

- Visible
- Near-infrared (IR channel 4)
- Water vapor infrared (IR channel 3)
- Thermal infrared (IR channel 1)

Web Link:

JMA Satellite Home:

<http://www.jma.go.jp/jma/jma-eng/satellite/index.html>:

Imagery dissemination services for NMHSs:

<http://www.jma.go.jp/jma/jma-eng/satellite/ds.html>

LRIT Dissemination:

<http://mscweb.kishou.go.jp/operation/type/LRIT/index.htm>

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Operator: JMA
Service:
Type: Geostationary

Date: 28 June 2005

Satellite Coverage Sector/Orbit type:

Western Pacific area

Technical Specification:

Frequency: 1687.10 MHz,
Modulation techniques: QPSK
EIRP: 25 dBW

Type of Broadcast:

HRIT

Products/Services Available:

Images from a scanning radiometer on MTSAT:

- Visible
- Near-infrared (IR channel 4)
- Water vapor infrared (IR channel 3)
- Thermal infrared (IR channel 1)
- Thermal infrared (IR channel 2)

Web Link:

JMA Satellite Home:

<http://www.jma.go.jp/jma/jma-eng/satellite/index.html>:

Imagery dissemination services for NMHSs:

<http://www.jma.go.jp/jma/jma-eng/satellite/ds.html>

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WMO PUBLICATION No.9 - WEATHER REPORTING - VOLUME C2 - TRANSMISSION PROGRAMMES

CHAPTER 1 - DATA DISTRIBUTION SYSTEMS VIA SATELLITES

Region:	Type of data in this column: WMO Regions: I = Africa, II – Asia; III - South America; IV - North America, Central America And The Caribbean; V - South-West Pacific; VI – Europe	II
Country:		Japan
Satellite Name:	Type of data in this column: The name of the satellite eg. GOES9, GOES10, GOES11	MTSAT-1R (backed-up by MTSAT-2)
Operator:	Type of data in this column: The name of the operator eg. ISCS, METSAT, EUMETSAT, Météo-France, NOAA	JMA
Service:	Type of data in this column: The service used eg. RETIM 2000	
Type:	Type of data in this column: Type of satellite eg. Geostationary or Polar orbiting	Geostationary
Technical Specification:	Type of data in this column: Technical input eg. Modulation techniques; Data rate, band frequencies, channel bandwidth	Frequency: 1691.00 MHz, Modulation techniques: BPSK EIRP: 25 dBW
Satellite Coverage Sector/Orbit type:	Type of data in this column: Area of coverage eg Indian Ocean (36°E-108°E)	Western Pacific area
Type of Broadcast:	Type of data in this column: WEFAX: PCVSAT (satellite-based multicast system); point-to-multipoint	LRIT
Products/Services Available:	Type of data in this column: Image and data derived from polar and geostationary satellites (Meteosat, NOAA , GOES, MTSAT etc.) Meteorological charts in T4 (analyses and forecasts based on CEPMMT and French models) Observational data : SYNOP, CLIMAT, BUOY, TEMP, AMDAR etc exchanged over the GTS NWP outputs in GRIB code from CEPMMT models and Météo-France models Data and products for aviation (METAR, SPECI, TAF, TEMSI, SIGMET, AIRMET, VAA, VAG, WAFS products in GRIB code...) Processed products: (severe weather warnings etc) GRIB - CMA T213L3 products	Images from a scanning radiometer on MTSAT: - Visible - Near-infrared (IR channel 4) - Water vapor infrared (IR channel 3) - Thermal infrared (IR channel 1)
Web Link:	Type of data in this column: http://www.....	JMA Satellite Home: http://www.jma.go.jp/jma/jma-eng/satellite/index.html : Imagery dissemination services for NMHSs: http://www.jma.go.jp/jma/jma-eng/satellite/ds.html LRIT Dissemination: http://mscweb.kishou.go.jp/operation/type/LRIT/index.htm
Image showing coverage:		

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Image showing coverage:		