

**CMA UPDATE FOR TABLE 2: CURRENT GEOSTATIONARY
SATELLITE COORDINATED WITHIN CGMS**

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According to Permanent action 1. "All CGMS Members to inform the Secretariat of any change in the status or plans of their satellites to allow the updating of the CGMS Tables of Satellites"

CMA provides the update as it is shown.

Table 2: Current Geostationary Satellites Coordinated within CGMS
(as of 25 October 2005)

| Sector | Satellites currently in orbit (+type) P: Pre-operational Op: Operational B: Back-up L: Limited availability | Operator | Location | Launch date | Status |
|---------------------------------|---|------------------|----------------|----------------|---|
| WEST-PACIFIC (108° E-180° E) | <u>FY-2B (Op, L)</u> | <u>CHINA/CMA</u> | <u>123.5°E</u> | <u>06/2000</u> | <u>Hemispheric scanning to provide backup observation for FY-2C; Transmission stops in eclipse periods.</u> |
| | GOES-9 (L) | USA/NOAA | 155°E | 05/95 | Now providing Data to Japan. |
| | GMS-5 (OP) | JAPAN | 140°E | 3/95 | The back-up of GMS-5 with GOES-9 was started on May 2003. |
| EAST-PACIFIC (180°W-108°W) | GOES-10 (Op) | USA/NOAA | 135°W | 04/97 | Inverted, solar array anomaly, DCP interrogator on back-up |
| WEST-ATLANTIC (108°W-36°W) | GOES-12 (Op) | USA/NOAA | 75°W | 7/01 | Fully Functional |
| | GOES-11 (B) | USA/NOAA | 105°W | 05/00 | In-orbit back-up, 48 hours availability |
| EAST ATLANTIC (36°W-36°E) | Meteosat-6 (B) | EUMETSAT | 10°E | 11/93 | Rapid Scanning Service minor gain anomaly on IR imager |
| | Meteosat-7 (Op) | EUMETSAT | 0° | 02/97 | Functional |
| | Meteosat-8 (Op) | EUMETSAT | 3.4°W | 28/08/02 | EUMETCast, no LRIT |
| INDIAN OCEAN (36°E-108°E) | Meteosat-5 (Op) | EUMETSAT | 63°E | 03/91 | IODC, functional but high inclination mode |
| | GOMS-N1 (B) | RUSSIA | 76°E | 11/94 | Since 9/98 in stand-by |
| | <u>FY-2C(Op)</u> | <u>China/CMA</u> | <u>105°E</u> | <u>10/2004</u> | <u>Functional</u> |

| | | | | | |
|--|--------------------------|----------------------|------------------|--------------------|---|
| | FY-2B (Op, L) | CHINA/CMA | 105°E | 06/2000 | Hemispheric scanning only since 6/03. Image transmission stops in eclipse periods. |
| | FY-2A (B, L) | CHINA/CMA | 86.5°E | 06/97 | |
| | INSAT II-B (B) | INDIA | 111.5°E | 07/93 | Back-up satellite. But inclined orbit mode of operation. IR channel not available. |
| | INSAT II-C | INDIA | 48.0°E | 12/95 | No meteorological payload. Back-up satellite for communications only. |
| | INSAT II-E (Op) | INDIA | 83°E | 04/99 | Imagery data from three channel CCD payload (1km res.) available for operational use. 3 channel VHRR not available for operational use. |

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|---|---|----------|----------|-------------|---|
| <i>CONTINUED</i> INDIAN OCEAN (36°E-108°E) | INSAT III-C | INDIA | 74°E | 24/01/02 | No meteorological payload. Used for dissemination of processed meteorological data in broadcast mode only over India and neighbouring countries. No WEFAX broadcast capability in L-band. |
| | Kalpana-1 (Op) (METSAT) | INDIA | 74°E | 12/09/02 | Dedicated meteorological satellite. |
| | INSAT-3A (Op) | INDIA | 93.5°E | 10/04/03 | Operationalisation date: 24/04/03. A 3 channel VHRR imager and CCD payload available for use similar to II-E. |