

CGMS-XXXI  
PRC-WP-08  
Prepared by CMA  
Agenda Item: B.2

**CHINA/CMA UPDATE TO THE TABLE: CURRENT GEOSTATIONARY  
SATELLITE WITHIN COORDINATION OF CGMS**

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Summary and purpose of paper

This paper provides China/CMA's update to the FY-2 information in the above mentioned table. The information is valid as of 19 August 2003.

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**CHINA/CMA UPDATE TO THE TABLE: CURRENT GEOSTATIONARY  
SATELLITE WITHIN COORDINATION OF CGMS**

**Permanent Actions:**

- 1. All CGMS Members to inform the Secretariat of any change in the status or plans of their satellite to allow the updating of the CGMS Tables of Satellites.**

China/CMA's update of FY-2B information on table 2.1: Current Geo-stationary Satellite within Coordination of CGMS.

**Table 2.1.: Current Geostationary Satellites Coordinated within CGMS**  
*(as of 19 August 2003)*

| <b>Sector</b>                     | <b>Satellites currently in orbit (+type)</b><br>P: Pre-operational<br>Op: Operational<br>B: Back-up<br>L: Limited availability | <b>Operator</b> | <b>Loca-Tion</b> | <b>Launch date</b> | <b>Status</b>  |
|-----------------------------------|--|-----------------|------------------|--------------------|--|
| <b>EAST-PACIFIC (180°W-108°W)</b> | GOES-10 (Op)   | USA/NOAA        | 135°W            | 04/97              | Inverted, solar array anomaly, DCP interrogator on back-up   |
| <b>WEST-ATLANTIC (108°W-36°W)</b> | GOES-8 (Op)  | USA/NOAA        | 75°W             | 04/ 94             | To be replaced by GOES-12 in April 2003<br>Minor sounder anomalies, loss of redundancies on some sub-systems                       |
|                                   | GOES-11 (B)  | USA/NOAA        | 105°W            | 05/00              | In-orbit back-up, 48 hours availability  |
|                                   | GOES-9 (L)   | USA/NOAA        | 173°W            | 05/95              | Drifting west at 0.75° per day towards 155°E as limited backup to Japan's GMS-5. To act as back-up for JPN GMS-5 from spring 2003. |
|                                   | GOES-12 (B)  | USA/NOAA        | 92.6°W           | 07/01              | Drifting east at 0.33° per day towards 75°W.   |
| <b>EAST ATLANTIC (36°W-36°E)</b>  | METEOSAT-6 (B)   | EUMETSAT        | 9.5°             | 11/93              | Rapid Scanning Service minor gain anomaly on IR imager   |
|                                   | METEOSAT-7 (Op)  | EUMETSAT        | 0°               | 02/97              | Functional   |
|                                   | MSG-1 (P)<br>(METEOSAT-8 when Op)  | EUMETSAT        | 0°               | 28/08/02           | Commissioning phase.   |
| <b>INDIAN OCEAN</b>               | METEOSAT-5 (Op)  | EUMETSAT        | 63°E             | 03/91              | IODC, functional but high inclination mode   |

|                                    |                 |        |         |          |   |
|------------------------------------|-----------------|--------|---------|----------|---|
| <b>(36°E-108°E)</b>                | GOMS-N1 (B)     | RUSSIA | 76°E    | 11/94    | Since 9/98 in stand-by  |
|                                    | FY-2B (Op, L)   | CHINA  | 105°E   | 06/2000  | Hemispheric scanning only since 6/03.<br>Image transmission stops in eclipse periods.                                       |
|                                    | FY-2A (B, L)    | CHINA  | 86.5°E  | 06/97    | Since 2000 in stand-by  |
|                                    | INSAT II-B (B)  | INDIA  | 111.5°E | 07/93    | Back-up satellite from an inclined orbit mode of operation. IR channel not available.                                       |
|                                    | INSAT II-C      | INDIA  | 48.0°E  |          |   |
|                                    | INSAT II-DT     | INDIA  | 55°E    |          |   |
|                                    | 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 use. |
|                                    | INSAT III-C     | INDIA  | 74°E    | 24/01/02 | No met payload used for dissemination of processed met data in broadcast mode. No WEFAX broadcast capability.               |
|                                    | METSAT (Op)     | INDIA  | 74°E    | 12/09/02 | Dedicated meteorological satellite.   |
| <b>WEST-PACIFIC (108°E- 180°E)</b> | GMS-5 (Op)      | JAPAN  | 140° E  | 03/ 95   | The backup of GMS-5 with GOES-9 was started on 22 May 2003.   |