

CGMS-XXXI  
PRC-WP-09  
Prepared by CMA  
Agenda Item: B.1

**CHINA/CMA UPDATE TO THE TABLE: CURRENT POLAR-ORBITING  
SATELLITES COORDINATED WITHIN CGMS**

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Summary and purpose of paper

This paper provides China/CMA's update to the FY-1 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 POLAR-ORBITING  
SATELLITES COORDINATED WITHIN 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-1 information on table 2.2: Current Polar-Orbiting Satellites Coordinated within CGMS.

**Table 2.2: Current Polar-Orbiting Satellites Coordinated Within CGMS**  
(as of 19 August 2003)

<b>Orbit type (equatorial crossing times)</b>	<b>Satellites in orbit (+operation mode) P=Pre-operational Op=operational B=back-up L=limited availability</b>	<b>Operator</b>	<b>Crossing Time A=Northw D=Southw +Altitude</b>	<b>Launch date</b>	<b>Status</b>
<b>Sun-synchr. "Morning" (6:00 – 12:00) (18:00 – 24:00)</b>	NOAA-17 (Op)	USA/NOAA	10:10 (D) 812 km	6/02	Functional. AMSU-A1 intermittent noise Ch. 3 and 9-14.
	NOAA-15 (B)	USA/NOAA	06:55 (D) 810 km	05/98	Functional (problems with AVHRR +HIRS)
	NOAA-12 (L)	USA/NOAA	04:45 (D) 808 km	05/91	Functional (except sounding), limited contact.
	DMSP-F15 (Op)	USA/NOAA	21:31 (A) 850 km	12/99	Defense satellite. Data available to civilian users through NOAA.
	DMSP-F14 (B)	USA/NOAA	20:14 ( A ) 852 km	04/97	Defense satellite. Data available to civilian users through NOAA.
	DMSP-F12 (L)	USA/NOAA	18:56 (A) 850 km	8/94	Defense Satellite. Non- operational (no onboard recorders).
	RESURS-01-N4 (P)	Russia	09:30 (A) 835 km	7/98	Temporarily out of operations
	METEOR-3M-N1 (P)	Russia	9:15	10Dec01	Functional. In commissioning phase till end of 2002.
	<b>FY-1D (Op)</b>	<b>China</b>	<b>08:30 (D) 866 km</b>	<b>5/02</b>	<b>Functional. CHRPT</b>
	<b>FY-1C (B)</b>	<b>China</b>	<b>06:45 (D) 862 km</b>	<b>5/99</b>	<b>Functional. CHRPT</b>
<b>Sun-synchr. "Afternoon" (12:00 – 16:00) (00:00 – 04:00)</b>	NOAA-16 (Op)	USA/NOAA	13:59 (A) 851 km	09/00	Functional, no APT.
	NOAA-14 (B)	USA/NOAA	18:38 (A) 847 km	12/94	Functional. AVHRR and SBUV only (degraded mode).
	NOAA-11 (L)	USA/NOAA	22:51 (A) 843 km	09/88	Functional. DCS, SARR and SBUV only (degraded mode).

<b>Sun-synchr. “Early morning” ( 4:00 - 6:00) (16:00 – 18:00)</b>	DMSP-F13 (Op)	USA/NOAA	18:18 (A) 850 km	03/95	Defense satellite. Data available to civilian users through NOAA.
<b>Non sun-Synchronous or unspecified orbits</b>	METEOR 3-N5 (Op)	Russia	1200 km	08/91	Functional (APT transmissions of visible images)