

CGMS-XXXI
PRC-WP-03
Prepared by CMA
Agenda Item: B.1

**CHINA/CMA UPDATE TO THE TABLE 2.2: CURRENT POLAR-ORBTING
SATELLITES COORDINATED WITHIN CGMS**

Summary and purpose of paper

This paper provides China/CMA's update to the FY-1 information on the table 2.2. The information is valid as of 19 August 2003.

CHINA/CMA UPDATE TO THE TABLE 2.2: CURRENT POLAR-ORBITING SATELLITES COORDINATED WITHIN CGMS

Permanent Actions:

- 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)

Orbit type (equatorial crossing times)	Satellites in orbit (+operation mode) P=Pre-operational Op=operational B=back-up L=limited availability	Operator	Crossing Time A=Northw D=Southw +Altitude	Launch date	Status
Sun-synchr. "Morning" (6:00 – 12:00) (18:00 – 24:00)	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.
	FY-1D (Op)	China	08:40 (D) 873 km	5/02	Functional. CHRPT
	FY-1C (B)	China	07:36 (D) 866 km	5/99	Functional. CHRPT
Sun-synchr. "Afternoon" (12:00 – 16:00) (00:00 – 04:00)	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).

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