

**CMA UPDATE FOR TABLE 1: CURRENT POLAR ORBITING
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"

As FY-1C is no longer used operationally, CMA provides update as it is shown.

Table 1: Current Polar-Orbiting Satellites Coordinated Within CGMS
(as of 20 May 2004)

Orbit type (equatorial crossing times)	Satellites in orbit (+operation mode) P=Pre-operational Op=operational B=back-up L=limited availability R= R&D	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	10:20 (D) 812 km	6/02	Functional. AMSU-A1 Failed.
	NOAA-15 (B)	USA/NOAA	06:37 (D) 808 km	05/98	Functional (intermittent problems with AVHRR, AMSU-B & HIRS)
	NOAA-12 (L)	USA/NOAA	04:44 (D) 805 km	05/91	Functional (except sounding).
	DMSP-F15 (Op)	USA/NOAA	21:24 (A) 850 km	12/99	Defense satellite. SSMT2 (microwave water vapor sounder) non-functional. Data available to civilian users through NOAA.
	DMSP-F14 (B)	USA/NOAA	19 :52 (A) 852 km	04/97	Defense satellite. SSMT1 (microwave temperature sounder) non-functional. SSMT2 non-functional. Only 1 functional onboard recorder. Data available to civilian users through NOAA.
	DMSP-F12 (L)	USA/NOAA	18:15 (A) 850 km	8/94	Defense Satellite. SSMI (microwave imager) and SSMT1 non-functional. Non-operational (no onboard recorders).
	Meteor-3M-N1 (P)	Russia	9:15	12/01	Functional (with limited capabilities).
Sun-synchr. "Afternoon"	NOAA-16 (Op)	USA/NOAA	14:11 (A) 850 km	09/00	Functional, no APT. Intermittent problems with AVHRR.

(12:00 –16:00) (00:00 – 04:00)	NOAA-14 (B)		19:30 (A) 845 km	12/94	Functional. AVHRR and SBUV only (degraded mode).
	NOAA-11 (L)	USA/NOAA	23:04 (A) 841 km	09/88	Functional. DCS, SARR
Sun-synchr. “Early morning” (4:00 - 6:00) (16:00 – 18:00)	DMSP-F13 (Op)	USA/NOAA	18:24 (A) 850 km	03/95	Defense satellite. On orbit 101 months – estimate 7 months of mission life remaining. Data available to civilian users through NOAA.
	FY-1D (Op)	China/CMA	07:50 (D) 866 km	5/02	Functional. CHRPT
	FY-1C (B)	China/CMA	06:25 (D) 862 km	05/99	Functional. CHRPT