

CGMS-XXIX USA-WP-21
Prepared by USA
Agenda Item: H.2
To be discussed in Plenary

WMO-WP-03 APPENDIX A: USA UPDATES

This working paper provides an up-to-date-record of the US satellite missions and services for the current/future geostationary and polar spacecrafts. The information presented in the document is accurate for the period ending August 30, 2001.

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1 Introduction

The USA continues to provide updates for the WMO tables on the LRIT/LRPT transition. These tables illustrate NOAA's continuing effort to implement the LRIT Global Specification and support a graceful transition from the analog WEFAX service to the digital LRIT. NOAA has announced its plans for developing and implementing the Low Rate Data (LRD) and High Rate Data (HRD) transmission formats on the NPOESS constellation.

STATUS FOR LRIT CONVERSION, SATELLITES IN GEOSTATIONARY ORBIT (Updated 24 October 2000)

Operator	Satellite	Launch (M/Y)	Service	Start	Stop
EUMETSAT	Meteosat 5	03/1991	WEFAX	03/91	
	Meteosat 6	11/1993	WEFAX	11/93	
	Meteosat 7	09/1997	WEFAX	07/97	12/2003
	MSG 1	1/2002	LRIT	7/02	2007
	MSG 2	2002	LRIT	2003	2008
	MSG 3	2007	LRIT	2008	2013
India	INSAT I-d	06/1990	None		
	INSAT II-a	07/1992	None		
	INSAT II-b	07/1993	None		
	INSAT II-e	---	None		
Japan	GMS-5	03/1995	WEFAX	06/95	07/2004
	MTSAT-1R	01/2003	WEFAX	07/03	03/2005
			LRIT	07/03	07/2008
MTSAT-2	07/2004	LRIT	07/08	07/2013	
USA	GOES - 8	04/1994	WEFAX/LRIT*	11/94	
	GOES - 9	05/1995	WEFAX/LRIT*	01/96	
	GOES - 10	04/1997	WEFAX/LRIT*	06/97	
	GOES - 11	05/2000	WEFAX/LRIT*	01/02	
	GOES - 12	07/2001	WEFAX/LRIT*	01/02	
	GOES - N	02/2003	LRIT*		
	GOES - O	04/2005	LRIT*		
Russian Federation	Elektro-1	11/94	WEFAX		
	Elektro-2	---	WEFAX		
	Elektro-3	2002	LRIT	2002	
China	FY-2	---	WEFAX		

STATUS FOR LRPT CONVERSION, SATELLITES IN POLAR ORBIT
(Updated 24 October 2000)

Operator	Satellite	Launch (M/Y)	Service	Start	Stop
EUMETSAT	Metop-1	2003	LRPT	2003	
	Metop-2	2006	LRPT	2006	
	Metop-3	2010	LRPT	2010	
USA	NOAA-9	12/1984	APT	12/84	08/95
	NOAA-12	05/1991	APT	05/91	
	NOAA-14	12/1994	APT	12/94	
	NOAA-15	08/1997	APT	08/97	
	NOAA-L	09/2000	APT	09/00	
	NOAA-M	02/2002	APT	02/02	
	NOAA-N	06/2004	APT	06/04	
	NOAA-N'	03/2008	APT	03/08	
	NPOESS-1	2009	LRD	2009	
	NPOESS-2	2010	LRD	2010	
China	FY-1C	05/1999	None		
	FY-1D	12/2001	None		
Russian Federation	Meteor 2-21	08/1993	APT	08/93	
	Meteor 3-5	08/1991	APT	08/91	
	Resourse-01-N4	----	APT		
	Meteor 3M-1	----	APT		
	Meteor 3M-2	2002	LRPT	2002	