

CGMS-XXX USA-WP-18
Prepared by USA
Agenda Item: H.2
To be discussed in Plenary

**USA Updates
for
WMO Table of Satellite Operations and Services**

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, 2002.

USA Updates for WMO Table of Satellite Operations and Services

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 10 September 2002)

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*		
	GOES - 12	07/2001	WEFAX/LRIT*	04/03	
	GOES - N	01/2004	LRIT*		

Operator	Satellite	Launch (M/Y)	Service	Start	Stop
	GOES - O	04/2005	LRIT*		
Russian Federation	Elektro-1	11/94	WEFAX		
	Elektro-2	---	WEFAX		
	Elektro-3	2002	LRIT	2002	
China	FY-2	---	WEFAX		

Operator	Satellite	Launch (M/Y)	Service	Start	Stop
EUMETSAT	Metop-1	12/2005	LRPT	2006	
	Metop-2	12/2009	LRPT	2010	
	Metop-3	06/2015	LRPT	2015	
USA	NOAA-12	05/1991	APT	05/91	
	NOAA-14	12/1994	APT	12/94	
	NOAA-15	05/1998	APT	05/98	
	NOAA-16	09/2000	APT	09/00	11/00
	NOAA- 17	06/2002	APT	06/02	
	NOAA-N	06/2004	APT	06/04	
	NOAA-N'	03/2008	APT	03/08	
	NPOESS-1	04/2009	LRD(AHRPT) and HRD(X-band)		
	NPOESS-2	06/2011	LRD(AHRPT) and HRD(X-band)		
	NPOESS-3	04/2013	LRD(AHRPT) and HRD(X-band)		
	NPOESS-4	11/2015	LRD(AHRPT) and HRD(X-band)		
	NPOESS-5	01/2018	LRD(AHRPT) and HRD(X-band)		
	NPOESS-6	2019	LRD(AHRPT) and HRD(X-band)		
China	FY-1C	05/1999	No APT or LRPT. CHRPT only		
	FY-1D	05/2002	No APT or LRPT. CHRPT only		
	FY-3A	2004	AHRPT and X-band only		
	FY-3B	2006	AHRPT and X-band only		
Russian Federation	Meteor 2-21	08/1991	APT	08/91	
	Meteor 3-5	08/1991	APT	08/91	
	Resourse-01-N4	---	APT		
	Meteor 3M-1	2001	APT		
	Meteor 3M-2	2003	LRPT	2003	

