United Nations A/AC.105/INF.414

General Assembly

Distr.: General
23 October 2007
English
Original: French

Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with General Assembly resolution 1721 B (XVI) by States launching objects into orbit or beyond

Note verbale dated 17 October 2007 from the Permanent Mission of Luxembourg to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Luxembourg to the United Nations (Vienna) presents its compliments to the Secretary-General and has the honour to transmit, in accordance with paragraph 1 of General Assembly resolution 1721 B (XVI) of 20 December 1961, information concerning space objects operated by the Société Européenne des Satellites (SES ASTRA) (see annex), which has its headquarters in Luxembourg. The information relates only to those space objects launched into outer space to transmit audio-visual data.

V.07-87704 (E) 161107 191107

Annex

List of space objects operated by the Société Européenne des Satellites of Luxembourg*

1.	Name of space object:	ASTRA 1A
	Launch date:	December 1988
	Launch site	Kourou, French Guiana
	Decommission date:	10 December 2004
	Launcher:	Ariane
	Owner of object:	Société Européenne des Satellites (SES ASTRA)
	Orbital characteristics:	The satellite is in a graveyard orbit, at a perigee of 400 km above the geostationary orbit.
2.	Name of space object:	ASTRA 1B
	Launch date:	March 1991
	Launch site:	Kourou, French Guiana
	Decommission date:	12 July 2006
	Launcher:	Ariane
	Owner of object:	SES ASTRA
	Orbital characteristics:	The satellite is in a graveyard orbit, at a perigee of 500 km above the geostationary orbit.
3.	Name of space object:	ASTRA 1C
	Launch date:	May 1993
	Launch site:	Kourou, French Guiana
	Launcher:	Ariane
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8-1,436.4 minutes
		Longitude: 4.6 degrees East since 14 February 2007
		Inclination: 0.9 degrees on 1 September 2007
		Apogee: 35,820 km
		Perigee: 35,752 km

* The registration data are reproduced in the form in which they were received.

	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.
4.	Name of space object:	ASTRA 1D
	Launch date:	November 1994
	Launch site:	Kourou, French Guiana
	Launcher:	Ariane
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8-1,436.4 minutes
		Longitude: 23.5 degrees East
		Maximum inclination: 0.10 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services; provision of occasional-use services.
5.	Name of space object:	ASTRA 1E
	Launch date:	October 1995
	Launch site:	Kourou, French Guiana
	Launcher:	Ariane
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8-1,436.4 minutes
		Longitude: 19.2 degrees East
		Maximum inclination: 0.12 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.
6.	Name of space object:	ASTRA 1F
	Launch date:	April 1996
	Launch site:	Baikonur, Kazakhstan
	Launcher:	Proton

	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8-1,436.4 minutes
		Longitude: 19.2 degrees East
		Maximum inclination: 0.12 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.
7.	Name of space object:	ASTRA 1G
	Launch date:	December 1997
	Launch site:	Baikonur, Kazakhstan
	Launcher:	Proton
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8-1,436.4 minutes
		Longitude: 19.2 degrees East
		Maximum inclination: 0.12 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.
8.	Name of space object:	ASTRA 2A
	Launch date:	August 1998
	Launch site:	Baikonur, Kazakhstan
	Launcher:	Proton
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8-1,436.4 minutes
		Longitude: 28.2 degrees East
		Maximum inclination: 0.10 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.

9.	Name of space object:	ASTRA 1H
	Launch date:	June 1999
	Launch site:	Baikonur, Kazakhstan
	Launcher:	Proton
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8 – 1,436.4 minutes
		Longitude: 19.2 degrees East
		Maximum inclination: 0.12 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services; provision of interactive services with return path via satellite.
10.	Name of space object:	ASTRA 2B
	Launch date:	September 2000
	Launch site:	Kourou, French Guiana
	Launcher:	Ariane 5
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8 – 1,436.4 minutes
		Longitude: 28.2 degrees East
		Maximum inclination: 0.10 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.
11.	Name of space object:	ASTRA 2D
	Launch date:	December 2000
	Launch site:	Kourou, French Guiana
	Launcher:	Ariane 5
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8 – 1,436.4 minutes
		Longitude: 28.2 degrees East

		Maximum inclination: 0.10 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.
12.	Name of space object:	ASTRA 2C
	Launch date:	June 2001
	Launch site:	Baikonur, Kazakhstan
	Launcher:	Proton
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8 – 1,436.4 minutes
		Longitude: 28.2 degrees East since
		22 August 2007
		Maximum inclination: 0.12 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.
13.	Name of space object:	ASTRA 3A[a]
	Launch date:	March 2002
	Launch site:	Kourou, French Guiana
	Launcher:	Ariane 4
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8 – 1,436.4 minutes
		Longitude: 23.5 degrees East
		Maximum inclination: 0.10 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services; provision of

[a] Frequency usage rights for this satellite are held by Deutsche Telekom (formerly DFS Kopernikus).

		occasional-use services and very small aperture terminal (VSAT) services.
14.	Name of space object:	ASTRA 1KR
	Launch date:	April 2006
	Launch site:	Cape Canaveral, United States of America
	Launcher:	Atlas V
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8-1,436.4 minutes
		Longitude: 19.2 degrees East
		Maximum inclination: 0.12 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.
15.	Name of space object:	ASTRA 1L
	Launch date:	May 2007
	Launch site:	Kourou, French Guiana
	Launcher:	Ariane 5
	Owner of object:	SES ASTRA
	Orbital characteristics:	Nodal period: 1,435.8-1,436.4 minutes
		Longitude: 19.2 degrees East
		Maximum inclination: 0.12 degrees
		Apogee: 35,820 km
		Perigee: 35,752 km
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.