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

Note verbale dated 28 July 2009 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 was established and has its headquarters in Luxembourg. The information relates to space objects launched into outer space only in connection with audio-visual activities and not in connection with space activities having other purposes.

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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
	Inclination:	2.4 degrees on 21 April 2009
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	2.0 degrees East on 23 October 2008

* 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
	Maximum inclination:	0.10 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	31.3 degrees East since 26 January 2008
	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
	Maximum inclination:	0.10 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	23.5 degrees East since 14 October 2007
	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
	Maximum inclination:	0.12 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	19.2 degrees East
	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
	Maximum inclination:	0.10 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	23.5 degrees East since 15 February 2009
	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
	Maximum inclination:	0.10 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	28.2 degrees East
	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
	Inclination:	0.12 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	19.2 degrees East
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services; provision of return channel satellite interactive services.
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
	Maximum inclination:	0.10 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	28.2 degrees East
	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

	Maximum inclination:	0.10 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	28.2 degrees East
	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
	Maximum inclination:	0.10 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	28.2 degrees East since 22 August 2007. The satellite was repositioned to 31.5 degrees East on 11 May 2009.
	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
	Maximum inclination:	0.10 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	23.5 degrees East

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

	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services; provision of occasional-use services and very small aperture terminal 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
	Maximum inclination:	0.12 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	19.2 degrees East
	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
	Maximum inclination:	0.12 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	19.2 degrees East
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.

16.	Name of space object:	ASTRA 1M
	Launch date:	November 2008
	Launch site:	Baikonur, Kazakhstan
	Launcher:	Proton-M/Breeze-M
	Owner of object:	SES ASTRA
	Orbital characteristics:	
	Nodal period:	1,435.8-1,436.4 minutes
	Maximum inclination:	0.12 degrees
	Apogee:	35,820 km
	Perigee:	35,752 km
	Longitude:	19.2 degrees East
	General purpose of object:	Encrypted and unencrypted transmission of analogue and digital radio, television and multimedia data services.