



Secretariat

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**Committee on the Peaceful
Uses of Outer Space**

**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space**

**Note verbale dated 28 July 2008 from the Permanent Mission of
Spain to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of Spain to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and has the honour to transmit, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), information concerning the space object NANOSAT 1, together with amended information for space objects MINISAT 1, HISPASAT 1C and HISPASAT 1D (see annex).



Annex

Registration data on space objects launched by Spain^{*}

NANOSAT 1

Name of launching States:	Spain and France
Name of space object:	NANOSAT 1
Designator or registration number:	ROLEU.ESP 008
Date and territory or location of launch:	
Launch date:	18 December 2004
Launch location:	Kourou, French Guiana
Basic orbital parameters:	
Nodal period:	97.94 minutes
Inclination:	98.21 degrees
Apogee:	664.00 kilometres
Perigee:	657.00 kilometres
General function of space object:	Scientific research and technology demonstration
National, international or private launching entities:	National Institute of Aerospace Technology, Spain Arianespace, France
Additional information (including frequencies):	..
Date and cause of destruction or breakdown of the object:	..
Date of entry in national registry:	11 June 2008

MINISAT 1

Name of launching States:	Spain and the United States of America
Name of space object:	MINISAT 1
Designator or registration number:	ROLEU.ESP 005
Date and territory or location of launch:	
Launch date:	21 April 1997
Launch location:	Gran Canaria, Spain
Basic orbital parameters:	
Nodal period:	96.169 minutes
Inclination:	150.970 degrees
Apogee:	585.000 kilometres
Perigee:	566.000 kilometres

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

General function of space object:	Scientific research, astrophysics, microgravity research and technology demonstration
National, international or private launching entities:	National Institute of Aerospace Technology, Spain Orbital Sciences Corporation, United States of America
Additional information (including frequencies):	..
Transmitting frequency:	2223.0000 MHz
Receiving frequency:	2047.0175 MHz
Date and cause of destruction or breakdown of the object:	Re-entry into the Earth's atmosphere on 14 February 2002
Date of entry in national registry:	8 July 1997

HISPASAT 1C

Name of launching States:	Spain and the United States of America
Name of space object:	HISPASAT 1C
Designator or registration number:	ROLEU.ESP 006
Date and territory or location of launch:	
Launch date:	3 February 2000
Launch location:	Launch complex SLC 36B, Cape Canaveral Air Force Station, Patrick Air Force Base, Florida, United States of America
Basic orbital parameters:	
Nodal period:	1,436 minutes
Inclination:	0 degrees
Apogee:	35,797 kilometres
Perigee:	35,778 kilometres
General function of space object:	Telecommunications service
National, international or private launching entity:	Lockheed Martin Commercial Launch Services, United States of America
Additional information (including frequencies):	..
Date and cause of destruction or breakdown of the object:	..
Date of entry in national registry:	4 October 2000

HISPASAT 1D

Name of launching States:	Spain and the United States of America
Name of space object:	HISPASAT 1D
Designator or registration number:	ROLEU.ESP 007
Date and territory or location of launch:	
Launch date:	18 September 2002
Launch location:	Launch complex SLC 36A, Cape Canaveral Air Force Station, Patrick Air Force Base, Florida, United States of America
Basic orbital parameters:	
Nodal period:	1,436.0 minutes
Inclination:	0.0 degrees
Apogee:	35,787.6 kilometres
Perigee:	35,787.6 kilometres
General function of space object:	Telecommunications service
National, international or private launching entity:	Lockheed Martin Commercial Launch Services, United States of America
Additional information (including frequencies):	..
Date and cause of destruction or breakdown of the object:	..
Date of entry in national registry:	8 May 2003
