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