



**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 1 March 2012 from the Permanent Mission of  
the United States of America to the United Nations (Vienna)  
addressed to the Secretary-General**

The Permanent Mission of the United States of America to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit registration data on space launches by the United States from October to December 2011 (see annexes I-III).

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Please recycle The recycling symbol, consisting of three chasing arrows forming a triangle.

## Annex I

## Registration data on space launches by the United States of America for October 2011\*

The following report supplements the registration data on United States space launches as at 31 October 2011. All launches were made from the territory of the United States unless otherwise specified.

International designator	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics			General function of the space object	
				Nodal period (min)	Inclination (degrees)	Apogee (km)		Perigee (km)
2011-056A	Intelsat 18	5 October 2011	Baikonur Cosmodrome, Kazakhstan	1 434.5	0.0	35 780	35 731	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-059A	ViaSat 1	19 October 2011	Baikonur Cosmodrome, Kazakhstan	234.4	49.8	12 102	326	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-061A	NPP	28 October 2011	–	101.1	98.7	818	811	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-061B	DICE 1	28 October 2011	–	97.4	101.7	832	474	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-061C	DICE 2	28 October 2011	–	97.4	101.7	832	474	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-061D	RAX 2	28 October 2011	–	97.4	101.7	831	474	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-061E	AUBIESAT 1	28 October 2011	–	97.4	101.7	832	472	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

The following objects were launched since the last report and remain in orbit:

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

*Basic orbital characteristics*

<i>International designator</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	<i>General function of the space object</i>
2011-061F	M Cubed	28 October 2011	–	97.4	101.7	832	472	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-061G	Delta 2 R/B	28 October 2011	–	86.7	107.2	732	182	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report:

None.

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z on 31 October 2011:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 31 October 2011:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z on 31 October 2011:

1980-087B

2008-042C

2009-028C

The following objects were launched since the last report but did not achieve orbit:

None.

Revisions that should be made to previously reported data:

None.

## Annex II

### Registration data on space launches by the United States of America for November 2011\*

The following report supplements the registration data on United States space launches as at 30 November 2011. All launches were made from the territory of the United States unless otherwise specified.

International designator	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following objects were launched since the last report and remain in orbit:								
2011-070A	MSL	26 November 2011	–	89.4	28.9	325	166	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-070B	Atlas 5 R/B	26 November 2011	–	89.4	28.9	296	195	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:								
None.								
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z on 30 November 2011:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 30 November 2011:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2400Z on 30 November 2011:								
1963-014B								
The following objects were launched since the last report but did not achieve orbit:								
None.								
Revisions that should be made to previously reported data:								
None.								

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

### Annex III

## Registration data on space launches by the United States of America for December 2011\*

The following report supplements the registration data on United States space launches as at 31 December 2011. All launches were made from the territory of the United States unless otherwise specified.

<i>International designator</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>			
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>
The following objects were launched since the last report and remain in orbit:							
None.							
The following objects not previously reported have been identified since the last report:							
None.							
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z on 31 December 2011:							
None.							
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 31 December 2011:							
None.							
The following objects identified in a previous report were no longer in orbit as at 2400Z on 31 December 2011:							
2011-031B							
The following objects were launched since the last report but did not achieve orbit:							
None.							
Revisions that should be made to previously reported data:							
None.							

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