



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 14 November 2011 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 objects launched by the United States from July to September 2011 (see annexes I-III).



Annex I

Registration data on space objects launched by the United States of America for July 2011*

The following report supplements the registration data on space objects launched by the United States as at 31 July 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:								
2011-031B	PSSC 2	8 July 2011	–	91.9	51.6	378	360	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-036A	NAVSTAR 66 (USA 232)	16 July 2011	–	359.5	43.4	20 406	241	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-036B	Delta 4 R/B	16 July 2011	–	728.8	55.0	20 468	20 428	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 July 2011:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 31 July 2011:								
2011-031A	STS 135	8 July 2011	–	88.4	51.6	232	157	Reusable space transportation systems
The following objects identified in a previous report were no longer in orbit as at 2400Z on 31 July 2011:								
1968-014A								
2004-007B								
2011-024B								
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 II

Registration data on space objects launched by the United States of America for August 2011*

The following report supplements the registration data on space objects launched by the United States as at 31 August 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:								
2011-040A	Juno	5 August 2011	–	88.6	28.8	229	195	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-040B	Atlas 5 Centaur R/B	5 August 2011	–	14 400.0	46.1	366 151	13 233	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2011-044E	AprizeSat 5	17 August 2011	Yasny launch base, Russian Federation	97.7	98.3	695	607	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-044F	AprizeSat 6	17 August 2011	Yasny launch base, Russian Federation	97.9	98.3	695	607	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
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 August 2011:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 31 August 2011:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2400Z on 31 August 2011:								
2011-019B								
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 objects launched by the United States of America for September 2011*

The following report supplements the registration data on space objects launched by the United States as at 30 September 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:								
2011-046A	Grail-A	10 September 2011	–	87.8	28.5	172	171	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-046B	Grail-B	10 September 2011	–	87.8	28.5	172	171	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-046C	Delta 2 R/B	10 September 2011	–	87.8	28.5	172	171	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2011-049A	SES-2	21 September 2011	Kourou, French Guiana	629.7	2.0	35 681	234	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-051B	DM-SL R/B	24 September 2011	–	653.5	0.10	35 520	1 617	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2011-052A	Tacsat 4	27 September 2011	–	231.1	63.4	11 845	359	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2011-052B	Minotaur 4 R/B	27 September 2011	–	228.7	63.4	11 837	193	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 September 2011:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 30 September 2011:

None.

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

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 identified in a previous report were no longer in orbit as at 2400Z on 30 September 2011:								
1991-063B								
1991-082B								
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.							