



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 22 February 2010 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 for November and December 2009 (see annexes I and II).



Annex I

Registration data on space launches by the United States of America for November 2009*

The following report supplements the registration data on United States launches as at 30 November 2009. All launches were made from the territory of the United States unless otherwise specified.

International designation	Name of space object	Date of launch	Location of launch	Basic orbital characteristics				General function of space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following object was launched since the last report and remains in orbit:								
2009-064B	Atlas 5 Centaur R/B	23 November 2009	–	812.8	22.8	38 801	6 143	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 2009:								
None.								
The following object achieved orbit since the last report but was no longer in orbit as at 2400Z on 30 November 2009:								
2009-062A	STS-129	16 November 2009	–	88.4	51.6	234	157	Reusable space transportation systems
The following objects identified in a previous report were no longer in orbit as at 2400Z on 30 November 2009:								
2006-050AB, 2009-038D, 2009-043B								
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 launches by the United States of America for December 2009*

The following report supplements the registration data on United States launches as at 31 December 2009. All launches were made from the territory of the United States unless otherwise specified.

International designation	Name of space object	Date of launch	Location of launch	Basic orbital characteristics				General function of space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following objects were launched since the last report and remain in orbit:								
2009-068A	WGS F3 (USA 211)	6 December 2009	—	1 212.5	24.0	62 152	424	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-068B	Delta 4 R/B	6 December 2009	—	1 286.2	23.8	65 089	507	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2009-071A	WISE	14 December 2009	—	95.1	97.5	543	538	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-071B	Delta 2 R/B	14 December 2009	—	246.1	97.5	11 109	2 152	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2009-071C	WISE debris (Lens Cover)	14 December 2009	—	95.2	97.5	531	526	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2009-075A	DirecTV 12	29 December 2009	—	634.9	45.5	35 816	405	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 December 2009:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 31 December 2009:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2400Z on 31 December 2009:								
1993-032D, 1993-050B								
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.								

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