



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 4 February 2009 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 the period from April to October 2008 (see annexes I-VII).



Annex I

Registration data on space launches by the United States of America for April 2008*

The following report supplements the registration data on United States launches as at 30 April 2008. 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:								
2008-016A	ICO G-1	14 April 2008	–	631.5	22.7	35 820	190	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-016B	Atlas 5 Centaur R/B	14 April 2008	–	636.3	22.4	36 105	150	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2008-017A	C/NOFS	16 April 2008	–	97.3	13.0	847	401	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-017B	Pegasus R/B	16 April 2008	–	97.3	13.0	847	412	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 30 April 2008:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 April 2008:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2400Z 30 April 2008:								
2007-047C, 2007-062C								
The following objects were launched since the last report but did not achieve orbit:								
None.								
Revisions that should be made to previously reported data:								
In the annex to the note verbale dated 1 July 2002 from the Permanent Mission of the United States to the United Nations (Vienna) addressed to the Secretary-General (ST/SG/SER.E/412), delete the following entry in the table for December 2001:								
2001-055A	–	7 December 2001	–	112.1	66.1	1 339	1 325	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

* 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 May 2008*

The following report supplements the registration data on United States launches as at 31 May 2008. 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:								
2008-024A	Galaxy 18	21 May 2008	Odyssey floating platform	1 436.0	0.05	35 798	35 774	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-027A	STS-124	31 May 2008	—	90.0	51.6	315	232	Reusable space transportation systems
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 31 May 2008:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 May 2008:								
None.								
The following object identified in a previous report was no longer in orbit as at 2400Z 31 May 2008:								
2006-055J								
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 June 2008*

The following report supplements the registration data on United States launches as at 30 June 2008. 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:								
2008-029A	GLAST	11 June 2008	–	92.4	28.5	602	187	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-032B	Delta 2 R/B	20 June 2008	–	145.7	65.9	4 275	1 349	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2008-031A	Orbcomm FM 38	19 June 2008	Kapustin Yar, Russian Federation	98.04	48.45	670	660	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-031B	Orbcomm FM 41	19 June 2008	Kapustin Yar, Russian Federation	98.04	48.45	669	661	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-031C	Orbcomm FM 29	19 June 2008	Kapustin Yar, Russian Federation	98.07	48.45	671	661	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-031D	Orbcomm FM 39	19 June 2008	Kapustin Yar, Russian Federation	98.08	48.45	673	660	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-031E	Orbcomm FM 37	19 June 2008	Kapustin Yar, Russian Federation	98.06	48.45	671	661	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-031F	Orbcomm FM 40	19 June 2008	Kapustin Yar, Russian Federation	98.08	48.45	673	661	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.

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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 not previously reported have been identified since the last report but were no longer in orbit as at 2400Z 30 June 2008:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 June 2008:								
2008-029B	Delta 2 R/B	11 June 2008	—	92.1	25.5	566	202	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following object identified in a previous report was no longer in orbit as at 2400Z 30 June 2008:								
2008-027A								
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.								

Registration data on space launches by the United States of America for July 2008*

The following report supplements the registration data on United States launches as at 31 July 2008. 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)	
The following object was launched since the last report and remains in orbit:							
2008-035A	EchoStar 11	16 July 2008	Odyssey floating platform	638.8	0.1	35 717	748
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 31 July 2008:							
None.							
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 July 2008:							
None.							
The following objects identified in a previous report were no longer in orbit as at 2400Z 31 July 2008:							
None.							
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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Annex V

Registration data on space launches by the United States of America for August 2008*

The following report supplements the registration data on United States launches as at 31 August 2008. All launches were made from the territory of the United States unless otherwise specified.

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 31 August 2008:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 August 2008:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z 31 August 2008:

None.

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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Annex VI

Registration data on space launches by the United States of America for September 2008*

The following report supplements the registration data on United States launches as at 30 September 2008. 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:								
2008-042A	GeoEye-1	6 September 2008	–	98.3	98.1	705	686	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-042B	Delta 2 R/B	6 September 2008	–	93.2	97.8	698	197	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2008-045A	Galaxy 19	24 September 2008	Odyssey floating platform	679.1	0.0	35 648	2 783	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-048A	Demosat/Falcon-1	28 September 2008	–	97.5	9.3	637	631	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 30 September 2008:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 September 2008:								
None.								
The following object identified in a previous report was no longer in orbit as at 2400Z 30 September 2008:								
2008-012C								
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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Annex VII

Registration data on space launches by the United States of America for October 2008*

The following report supplements the registration data on United States launches as at 31 October 2008. 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:								
2008-051A	IBEX	19 October 2008	–	90.9	11.0	420	218	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-051B	Pegasus R/B (1)	19 October 2008	–	90.9	11.0	421	217	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2008-051D	Pegasus R/B (2)	19 October 2008	–	90.9	11.0	420	218	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2008-054B	Delta 2 R/B (2)	25 October 2008	–	92.7	97.9	653	199	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 31 October 2008:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 October 2008:								
2008-051C	Pegasus debris	19 October 2008	–	90.9	11.0	420	218	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following object identified in a previous report was no longer in orbit as at 2400Z 31 October 2008:								
2008-042B								
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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