



**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 13 November 2007 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 January to September 2007 (see annexes I-IX).



Annex I

Registration data on space launches by the United States of America for January 2007*

The following report supplements the registration data on United States launches as at 31 January 2007. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</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 31 January 2007:								
1989-089CR	Delta 1 debris	18 November 1989	-	99.9	97.1	812	696	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 January 2007:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2400Z 31 January 2007:								
1977-065FV, 1993-054C								
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 February 2007*

The following report supplements the registration data on United States launches as at 28 February 2007. 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:								
2007-004A	THEMIS A	17 February 2007	-	1 870	16.0	87 337	470	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-004B	THEMIS B	17 February 2007	-	1 870	16.0	87 334	477	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-004C	THEMIS C	17 February 2007	-	1 869	16.0	87 301	470	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-004D	THEMIS D	17 February 2007	-	1 867	15.7	87 183	531	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-004E	THEMIS E	17 February 2007	-	1 874	15.7	87 442	527	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 28 February 2007:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 28 February 2007:

None.

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

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>			<i>General function of space object</i>
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	
<p>The following objects identified in a previous report were no longer in orbit as at 2400Z 28 February 2007:</p> <p>1996-041D, 2006-055G</p> <p>The following objects were launched since the last report but did not achieve orbit:</p> <p>None.</p> <p>Revisions that should be made to previously reported data:</p> <p>None.</p>							

Annex III

Registration data on space launches by the United States of America for March 2007*

The following report supplements the registration data on United States launches as at 31 March 2007. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</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:								
2007-006A	OE (ASTRO)	9 March 2007	-	94.7	46.0	510	501	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-006B	MidSTAR 1	9 March 2007	-	94.6	46.0	512	510	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-006C	OE (NEXTSAT)	9 March 2007	-	94.5	46.0	511	503	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-006D	STPSat 1	9 March 2007	-	95.9	35.4	570	561	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-006E	FalconSat 3	9 March 2007	-	95.9	35.4	570	561	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-006F	CFESat	9 March 2007	-	95.7	35.7	562	547	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-006G	Atlas 5 Centaur R/B	9 March 2007	-	95.2	35.7	559	514	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

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<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>			<i>General function of space object</i>
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	
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 March 2007:							
None.							
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 March 2007:							
None.							
The following objects identified in a previous report were no longer in orbit as at 2400Z 31 March 2007:							
2004-009C, 2006-055B							
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 IV

Registration data on space launches by the United States of America for April 2007*

The following report supplements the registration data on United States launches as at 30 April 2007. 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:								
2007-012F	CSTB 1	17 April 2007	Baikonur, Kazakhstan	99.0	98.1	771	648	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-012K	MAST	17 April 2007	Baikonur, Kazakhstan	99.0	98.1	748	663	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-012N	CP 3	17 April 2007	Baikonur, Kazakhstan	98.8	98.1	766	644	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-012P	CAPE 1	17 April 2007	Baikonur, Kazakhstan	99.1	98.1	793	648	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-012Q	CP 4	17 April 2007	Baikonur, Kazakhstan	99.0	98.1	770	649	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-012R	AeroCube 2	17 April 2007	Baikonur, Kazakhstan	99.0	98.1	770	649	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-014A	NFIRE	24 April 2007	-	91.7	48.2	480	261	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

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<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</i>
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
2007-014B	Minotaur R/B	24 April 2007	-	91.8	48.2	481	265	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2007-015A	AIM	25 April 2007	-	96.5	97.8	612	597	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-015B	Pegasus R/B	25 April 2007	-	96.4	97.8	609	588	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:								
2007-006H	OE debris (Interstage Ring)	9 March 2007	-	94.4	46.0	498	489	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040AQ	Nimbus 2 debris	15 May 1966	-	107.9	106.5	1 179	1 088	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1995-059D	SURFSAT debris	4 November 1995	-	106.7	99.3	1 713	443	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z 30 April 2007:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 April 2007:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2400Z 30 April 2007:								
1993-007D, 2006-055E, 2006-055H								
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 V

Registration data on space launches by the United States of America for May 2007*

The following report supplements the registration data on United States launches as at 31 May 2007. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</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:								
1959-007C	Vanguard 3 debris	18 September 1959	-	124.0	33.3	3 200	518	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z 31 May 2007:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 May 2007:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2400Z 31 May 2007:								
1967-092L, 2006-052C, 2006-055C, 2006-055D								
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 VI

Registration data on space launches by the United States of America for June 2007*

The following report supplements the registration data on United States launches as at 30 June 2007. 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:								
2007-023B	Delta 2 R/B	8 June 2007	-	92.6	98.4	642	200	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2007-027A	USA 194	15 June 2007	-	101.5	63.3	953	714	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-027B	Atlas 5 Centaur R/B	15 June 2007	-	101.5	63.3	953	714	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2007-027C	USA 194 debris	15 June 2007	-	101.5	63.3	953	714	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2007-028A	Genesis 2	28 June 2007	Yasny, Russian Federation	95.8	64.5	575	549	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:								
1966-040AR	Nimbus 2 debris	15 May 1966	-	107.9	100.5	1 175	1 092	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z 30 June 2007:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 June 2007:								
2007-024A	STS-117	8 June 2007	-	88.4	51.6	232	157	Reusable space transportation systems

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<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</i>
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects identified in a previous report were no longer in orbit as at 2400Z 30 June 2007:								
1963-014K								
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 VII

Registration data on space launches by the United States of America for July 2007*

The following report supplements the registration data on United States launches as at 31 July 2007. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</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:								
2007-032A	DirecTV 10	7 July 2007	Baikonur, Kazakhstan	635.8	45.5	35 815	415	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:								
1969-009C	ISIS debris	30 January 1969	-	127.5	88.5	3 453	578	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2005-009B	Atlas 5 Centaur R/B	11 March 2005	-	1 827.1	14.3	85 204	1 056	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z 31 July 2007:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 July 2007:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z 31 July 2007:

2007-004F

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

None.

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<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</i>
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
Revisions that should be made to previously reported data:								
None.								

Annex VIII

Registration data on space launches by the United States of America for August 2007*

The following report supplements the registration data on United States launches as at 31 August 2007. 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:								
2007-034A	Phoenix	4 August 2007	-	87.8	28.5	170	170	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-034B	Delta 2 R/B (2)	4 August 2007	-	149.0	25.8	5 846	197	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2007-034C	Delta 2 R/B (1)	4 August 2007	-	148.4	28.5	5 650	167	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2007-036A	Spaceway 3	14 August 2007	Kourou, French Guiana	631.4	1.9	35 725	278	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 August 2007:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 August 2007:								
2007-035A	STS-118	8 August 2007	-	90.0	51.6	318	230	Reusable space transportation systems
The following objects identified in a previous report were no longer in orbit as at 2400Z 31 August 2007:								
1961-015FH, 1961-015LK, 2006-050G, 2006-050BT, 2006-050BW, 2007-023B								

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

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</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 but did not achieve orbit:								
None.								
Revisions that should be made to previously reported data:								
None.								

Annex IX

Registration data on space launches by the United States of America for September 2007*

The following report supplements the registration data on United States launches as at 30 September 2007. 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:								
2007-041A	WorldView 1	18 September 2007	-	91.2	112.3	508	215	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-041B	Delta 2 R/B	18 September 2007	-	94.4	97.5	496	482	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2007-043A	Dawn	27 September 2007	-	540.3	28.6	22 988	8 209	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-043B	Delta 2 R/B (2)	27 September 2007	-	88.2	28.6	190	188	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2007-043C	Delta 2 R/B (1)	27 September 2007	-	136.7	27.4	6 782	172	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 September 2007:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 September 2007:

None.

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

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</i>
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects identified in a previous report were no longer in orbit as at 2400Z 30 September 2007:								
1999-011B, 2007-014B								
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.								
