

**Secretariat**Distr.: General  
27 June 2007

Original: English

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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 12 January 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 July to November 2006 (see annex).



## Annex

### Registration data on space launches by the United States of America for July to November 2006\*

#### July 2006

The following report supplements the registration data on United States launches as at 31 July 2006. 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 site	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:								
2006-029A	Genesis 1	12 July 2006	Southern Ural mountains, Russian Federation	95.8	64.5	561	554	Spacecraft engaged in investigation of spaceflight techniques and technology
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 2006:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 July 2006:								
2006-028A	STS-121	4 July 2006	---	88.4	51.6	233	157	Reusable space transportation systems
The following objects identified in a previous report were no longer in orbit as at 2400Z 31 July 2006:								
2006-016C								
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 ST/SG/SER.E/493, remove space object 2006-016B (Calipso) from registration data on United States launches as at 30 April 2006.								

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

### August 2006

The following report supplements the registration data on United States launches as at 31 August 2006. 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 site</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 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 2006:							
None.							
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 August 2006:							
None.							
The following objects identified in a previous report were no longer in orbit as at 2400Z 31 August 2006:							
1999-035F							
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.							

#### September 2006

The following report supplements the registration data on United States launches as at 30 September 2006. 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 site	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:								
2006-042A	Navstar 58 (USA 190)	25 September 2006	---	357.0	39.9	20 410	174	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-042B	Delta 2 R/B (2)	25 September 2006	---	356.6	39.9	20 378	184	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2006-042C	Delta 2 R/B (1)	25 September 2006	---	98.8	33.6	1 219	184	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 2006:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 September 2006:								
2006-036A	STS-115	9 September 2006	---	89.6	51.6	285	229	Reusable space transportation systems
The following objects identified in a previous report were no longer in orbit as at 2400Z 30 September 2006:								
1978-064Q								
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.								

## October 2006

The following report supplements the registration data on United States launches as at 31 October 2006. 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 site	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:								
2006-043A	DirecTV 9S	13 October 2006	Kourou, French Guiana	632.2	6.9	35 816	258	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-047A	STEREO A	26 October 2006	---	87.8	28.5	170	166	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-047B	STEREO B	26 October 2006	---	119.8	28.5	3 180	166	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-047C	Delta 2 R/B	26 October 2006	---	119.8	24.6	3 164	186	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2006-047D	Delta 2 debris	26 October 2006	---	118.7	28.4	3 155	89	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2006-049A	XM-4	30 October 2006	Odyssey platform in the Pacific Ocean	656.4	0.1	36 024	1 260	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 October 2006:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 October 2006:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z 31 October 2006:

1978-026BG, 1978-071C, 1994-029LE

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch site</i>	<i>Basic orbital characteristics</i>			<i>General function of space object</i>
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</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.							

### November 2006

The following report supplements the registration data on United States launches as at 30 November 2006. 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 site</i>	<i>Basic orbital characteristics</i>			<i>General function of space object</i>	
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Perigee (km)</i>		
The following objects were launched since the last report and remain in orbit:								
2006-050A	DMSP 5D-3 F17	4 November 2006	---	101.8	98.8	868	845	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-050C	DMSP 5D-3 F17 debris	4 November 2006	---	102.9	99.1	857	847	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2006-052A	Navstar 59 (USA 192)	17 November 2006	---	717.9	55.0	20 277	20 088	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-052B	Delta 2 R/B (2)	17 November 2006	---	351.2	39.9	20 044	181	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2006-052C	Delta 2 R/B (1)	17 November 2006	---	96.5	32.6	989	194	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 November 2006:

None.

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Location of launch site</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 achieved orbit since the last report but were no longer in orbit as at 2400Z 30 November 2006:							
	2006-050B, 2006-050F						
The following objects identified in a previous report were no longer in orbit as at 2400Z 30 November 2006:							
	2002-051G						
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.						