



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 19 June 2006 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 April 2006 (see annex).



Annex

Registration data on space launches by the United States of America for January to April 2006*

January 2006

The following report supplements the registration data on United States launches as at 31 January 2006. All launches were made from the territory of the United States unless otherwise specified.

International designation	Name of space object	Date 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:								
2006-001A	New Horizons	19 January 2006					Parameters not available	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-001B	Atlas 5 Centaur R/B	19 January 2006					Parameters not available	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2006-001C	Atlas 5 Star 48-B R/B	19 January 2006					Parameters not available	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 January 2006:								
1999-003D	Stardust SRC	7 February 1999	88.2	28.5	189	188		Spacecraft engaged in practical applications and uses of space technology such as weather or communications
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 January 2006:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2400Z 31 January 2006:								
1965-082BG, 1991-082K, 1991-082AD, 1991-082BA, 2002-051J, 2005-038B								
The following objects were launched since the last report but did not achieve orbit:								
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>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.							

February 2006

The following report supplements the registration data on United States launches as at 28 February 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>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:							
2006-003A	Echostar 10	15 February 2006	660.7	0.1	35 763	1 736	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 2006:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 28 February 2006:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z 28 February 2006:

1989-084C, 1991-082BC, 1992-039D, 2000-078B

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.

March 2006

The following report supplements the registration data on United States launches as at 31 March 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>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:							
2006-008A	ST5-A	22 March 2006	137.0	105.6	4 555	299	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-008B	ST5-B	22 March 2006	136.5	105.6	4 514	298	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-008C	ST5-C	22 March 2006	136.9	105.6	4 548	301	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-008D	Pegasus R/B	22 March 2006	137.1	105.7	4 540	317	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:							
1965-101E	Scout X-4 debris	6 December 1965	96.57	75.84	604	585	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040AN	Nimbus 2 debris	15 May 1966	107.97	100.44	1 177	1 089	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040AP	Nimbus 2 debris	15 May 1966	107.93	100.44	1 169	1 093	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1976-077FU	Delta 1 debris	29 July 1976	131.57	102.01	2 879	1 503	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1979-007C	Scatha AKM	30 January 1979	1 417.43	17.12	42 944	27 896	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1979-101D	SATCOM 3 debris	7 December 1979	788.05	9.88	35 694	8 073	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1979-101E	SATCOM 3 debris	7 December 1979	791.92	9.41	35 734	8 218	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

<i>International designation</i>	<i>Name of space object</i>	<i>Date 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>	
1979-101F	SATCOM 3 debris	7 December 1979	785.51	9.66	35 663	7 982	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1979-101G	SATCOM 3 debris	7 December 1979	793.41	9.33	35 812	8 211	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2003-048J	DMSP 5D-3 F16 debris	18 October 2003	101.09	98.96	818	802	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 March 2006:

None.

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

None.

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

1978-064M

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.

April 2006

The following report supplements the registration data on United States launches as at 30 April 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>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:							
2006-011G	Minotaur R/B	15 April 2006	95.0	72.1	555	494	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2006-012B	Atlas 5 Centaur R/B	20 April 2006	730.4	24.5	35 685	6 189	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

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			<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
2006-016A	Cloudsat	28 April 2006	93.1	98.1	681	171	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-016B	Calipso	28 April 2006	98.5	98.2	690	689	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2006-016C	Delta 2 R/B (1)	28 April 2006	98.4	98.2	704	701	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2006-016D	Delta 2 debris (DPAF)	28 April 2006	93.0	102.8	652	221	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:							
1959-007B	Vanguard 3 debris	18 September 1959	124.53	33.35	3 289	475	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1962-047F	TIROS 6 debris	18 September 1962	97.40	58.31	647	622	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1965-027BJ	OPS 4682 debris	3 April 1965	111.43	90.15	1 317	1 268	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1965-027BK	OPS 4682 debris	3 April 1965	111.37	90.15	1 313	1 267	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1965-027BL	OPS 4682 debris	3 April 1965	111.36	90.17	1 312	1 267	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1965-063P	Scout B debris	10 August 1965	121.11	69.21	2 374	1 086	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1965-089H	Delta 1 debris	6 November 1965	119.38	59.32	2 213	1 093	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1965-108CS	Titan 3C Transtage debris	21 December 1965	417.22	27.58	23 636	599	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1965-108CT	Titan 3C Transtage debris	21 December 1965	507.79	26.89	28 832	580	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1965-108CU	Titan 3C Transtage debris	21 December 1965	535.77	26.39	30 286	660	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

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1968-055V	Delta 1 debris	4 July 1968	130.67	120.72	3 639	664	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1973-088G	OPS 6630 debris	10 November 1973	101.48	96.98	1 076	582	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1973-088H	OPS 6630 debris	10 November 1973	101.55	96.92	1 034	631	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BP	DMSP 5D-2 F11 debris	28 November 1991	102.51	98.81	944	810	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BQ	DMSP 5D-2 F11 debris	28 November 1991	102.62	98.69	958	807	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BR	DMSP 5D-2 F11 debris	28 November 1991	101.69	98.63	853	824	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BS	DMSP 5D-2 F11 debris	28 November 1991	103.00	98.8	977	820	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BT	DMSP 5D-2 F11 debris	28 November 1991	102.73	98.80	970	806	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BU	DMSP 5D-2 F11 debris	28 November 1991	101.65	98.68	850	823	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BV	DMSP 5D-2 F11 debris	28 November 1991	101.67	98.61	850	826	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BW	DMSP 5D-2 F11 debris	28 November 1991	101.39	98.64	867	782	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BX	DMSP 5D-2 F11 debris	28 November 1991	101.76	98.60	884	800	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BY	DMSP 5D-2 F11 debris	28 November 1991	103.38	98.7	1 024	812	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082BZ	DMSP 5D-2 F11 debris	28 November 1991	101.83	98.61	864	826	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082CA	DMSP 5D-2 F11 debris	28 November 1991	102.66	98.77	967	802	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

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1991-082CB	DMSP 5D-2 F11 debris	28 November 1991	101.52	98.64	841	820	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082CC	DMSP 5D-2 F11 debris	28 November 1991	101.58	98.64	844	823	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082CD	DMSP 5D-2 F11 debris	28 November 1991	101.43	98.64	836	816	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082CE	DMSP 5D-2 F11 debris	28 November 1991	101.69	98.71	848	829	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082CF	DMSP 5D-2 F11 debris	28 November 1991	101.49	98.65	839	819	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082CG	DMSP 5D-2 F11 debris	28 November 1991	101.55	98.58	841	823	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082CH	DMSP 5D-2 F11 debris	28 November 1991	101.62	98.65	847	824	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082CJ	DMSP 5D-2 F11 debris	28 November 1991	101.46	98.72	843	813	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082CK	DMSP 5D-2 F11 debris	28 November 1991	101.72	98.57	858	822	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082CL	DMSP 5D-2 F11 debris	28 November 1991	102.63	98.69	962	804	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1994-029AEQ	Pegasus debris	19 May 1994	101.75	81.99	1 092	591	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1994-029AER	Pegasus debris	19 May 1994	99.90	81.20	769	739	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1994-029AES	Pegasus debris	19 May 1994	99.17	81.21	731	707	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1994-029AET	Pegasus debris	19 May 1994	99.94	81.19	779	732	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1999-040G	IUS debris	23 July 1999	242.44	28.48	12 724	278	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

<i>International designation</i>	<i>Name of space object</i>	<i>Date 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>	
2000-017F	Delta 2 debris	25 March 2000	852.63	90.06	45 131	1 683	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 2006:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 April 2006:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z 30 April 2006:

1969-082GV

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.