



**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 3 June 2004 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 March and April 2004 (see annex).



## Annex

### Registration data on space launches by the United States of America for March and April 2004\*

#### March 2004

1. The following report supplements the registration data on United States launches as at 31 March 2004. 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:							
2004-007B	Atlas 3A Centaur R/B	13 March 2004	620.4	25.0	35 255	182	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2004-009A	Navstar 54 (USA 177)	20 March 2004	355.8	38.9	20 201	183	Spacecraft engaged in practical applications and uses of space technology such as weather and communications
2004-009B	Delta 2 R/B (1)	20 March 2004	98.4	30.3	1 142	213	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2004-009C	Delta 2 R/B (2)	20 March 2004	354.9	39.0	20 273	178	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2004-009D	Delta 2 debris	20 March 2004	354.6	38.9	20 326	110	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 March 2004:

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>	
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 March 2004:							
None.							
The following objects identified in a previous report were no longer in orbit as at 2400Z 31 March 2004:							
1978-064P, 1961-015MG							
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 2004

2. The following report supplements the registration data on United States launches as at 30 April 2004. 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:							
2004-014A	GP-B	20 April 2004	97.59	90.00	646	641	Spacecraft engaged in practical applications and uses of space technology such as weather and communications
2004-014B	Delta 2 R/B	20 April 2004	91.66	94.55	535	178	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:							
1966-040N	Nimbus 2 debris	15 May 1966	107.90	100.35	1 168	1 091	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040P	Nimbus 2 debris	15 May 1966	107.43	100.30	1 165	1 050	Spent boosters, spent manoeuvring stages, shrouds and other non-

<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>	
1966-040P	Nimbus 2 debris	15 May 1966	107.43	100.30	1 165	1 050	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040Q	Nimbus 2 debris	15 May 1966	107.25	100.25	1 133	1 066	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040R	Nimbus 2 debris	15 May 1966	107.79	100.34	1 158	1 091	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040S	Nimbus 2 debris	15 May 1966	107.22	100.24	1 123	1 073	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040T	Nimbus 2 debris	15 May 1966	107.98	100.37	1 169	1 098	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040U	Nimbus 2 debris	15 May 1966	107.98	100.38	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 (continued):							
1966-040V	Nimbus 2 debris	15 May 1966	107.12	100.32	1 136	1 051	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040W	Nimbus 2 debris	15 May 1966	107.19	100.33	1 134	1 058	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-040X	Nimbus 2 debris	15 May 1966	107.31	100.31	1 138	1 067	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-041G	Scout A debris	19 May 1966	96.94	90.19	635	589	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1997-067D	PAM D debris	6 November 1997	174.68	35.01	7 771	175	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

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2003-058D	PAM D debris	21 December 2003	346.84	38.80	19 763	185	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
<p>The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z 30 April 2004:</p> <p>None.</p> <p>The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 April 2004:</p>							
2004-011B	Atlas 2AS Centaur R/B	16 April 2004	507.21	26.6910	9 344	169	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
<p>The following objects identified in a previous report were no longer in orbit as at 2400Z 30 April 2004:</p> <p>1963-047Q, 1977-065DY, 1996-068A</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>							