



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 16 April 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 January and February 2004 (see annex).



Registration data on space launches by the United States of America for January and February 2004*

January 2004

1. The following report supplements the registration data on United States launches as at 31 January 2004. 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:							
None.							
The following objects not previously reported have been identified since the last report:							
1976-066D	Delta 1 debris	8 July 1976	235	24.5	12 021	450	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1977-018F	Delta 1 debris	10 March 1977	286.8	24.4	15 755	301	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1978-064P	Seasat 1 debris	27 June 1978	98.2	107.9	761	587	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1981-059J	NOAA 7 debris	23 June 1981	101.09	98.44	862	758	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 January 2004:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 January 2004:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z 31 January 2004:

* 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>	
1963-014EY, 1993-068C, 1994-029MN, 1994-029AEN, 2003-027C							
The following objects were launched since the last report but did not achieve orbit:							
None.							
Revisions that should be made to previously reported data:							
2003-027A	Mars Rover A	10 June 2003		on Mars			Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2003-032A	Mars Rover B	8 July 2003		on Mars			Spacecraft engaged in practical applications and uses of space technology such as weather or communications

February 2004

2. The following report supplements the registration data on United States launches as at 29 February 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:							
2004-003A	AMC 10 (GE 10)	5 February 2004	630.3	12.4	35 738	213	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2004-003B	Atlas 2AS Centaur R/B	5 February 2004	629.9	12.4	35 707	220	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2004-004A	USA 176	14 February 2004	638.99	28.0	36 018	375	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

<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>	
2004-004B	Titan IVB R/B	14 February 2004	93.96	28.6	756	181	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2004-004C	IUS R/B (1)	14 February 2004	638.99	28.0	36 018	375	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2004-004D	IUS R/B (2)	14 February 2004	638.99	28.0	36 018	375	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 29 February 2004:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 29 February 2004:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z 29 February 2004:

1965-109C, 2003-014B, 2003-030B

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.