



**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 22 January 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 November and December 2003 (see annex).



## Annex

### Registration data on space launches by the United States of America for November and December 2003\*

#### November 2003

1. The following report supplements the registration data on United States launches as at 30 November 2003. 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:							
None.							
The following objects not previously reported have been identified since the last report:							
2003-048D	DMSP 5D-3 F16 debris	18 October 2003	101.8	98.9	852	842	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2003-048E	DMSP 5D-3 F16 debris	18 October 2003	101.8	98.9	852	842	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 November 2003:							
None.							
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 November 2003:							
None.							
The following objects identified in a previous report were no longer in orbit as at 2400Z 30 November 2003:							
1969-082KW, 1987-080J, 2002-051H							
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 the registration submission for October 2003, (see ST/SE/SER.E/437), add (USA 172) to the name of space object DMSP 5D-3 F16. (international designation 2003-048A)							

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

## December 2003

2. The following report supplements the registration data on United States launches as at 31 December 2003. 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:							
2003-054A	USA 173	2 December 2003	107.5	63.5	1 218	1 005	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2003-054B	Atlas 2AS Centaur R/B	2 December 2003	107.5	63.5	1 219	1 004	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2003-054C	USA 173 debris	2 December 2003	107.5	63.5	1 219	1 004	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2003-057A	UFO 11 (USA 174)	18 December 2003	632.9	26.9	35 873	315	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2003-057B	Atlas 3B Centaur R/B	18 December 2003	629.2	27.8	35 594	246	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2003-058A	Navstar 53 (USA 175)	21 December 2003	356.1	39.0	20 378	187	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2003-058B	Delta 2 R/B	21 December 2003	97.9	37.2	1 153	187	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2003-058C	Navstar 53 R/B	21 December 2003	355.9	39.0	20 337	179	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>	

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 December 2003:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 December 2003:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z 31 December 2003:

1965-082DM, 1998-012A, 2003-001B, 2003-005F

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.