



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 20 September 2005 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 April to July 2005 (see annex).



Annex

Registration data on space launches by the United States of America for April to July 2005*

April 2005

1. The following report supplements the registration data on United States launches as at 30 April 2005. 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: | | | | | | | |
| 2005-011A | XSS-11 (USA 165) | 11 April 2005 | 102.3 | 98.8 | 1 003 | 876 | Spacecraft engaged in practical applications and uses of space technology such as weather and communications |
| 2005-011B | Minotaur R/B | 11 April 2005 | 102.0 | 98.8 | 866 | 847 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 2005-014A | DART | 15 April 2005 | 95.4 | 97.7 | 558 | 535 | Spacecraft engaged in practical applications and uses of space technology such as weather and communications |
| 2005-014B | Pegasus R/B | 15 April 2005 | 94.0 | 97.7 | 548 | 399 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 2005-015A | Spaceway 1 | 26 April 2005 | 599.9 | 0.02 | 34 106 | 268 | Spacecraft engaged in practical applications and uses of space technology such as weather and communications |
| 2005-016A | USA 182 | 30 April 2005 | 96.5 | 57.0 | 710 | 478 | Spacecraft engaged in practical applications and uses of space technology such as weather and communications |
| 2005-016B | Titan IVB R/B | 30 April 2005 | 96.5 | 57.0 | 710 | 478 | 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 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 not previously reported have been identified since the last report but were no longer in orbit as at 2400Z 30 April 2005: | | | | | | | |
| None. | | | | | | | |
| The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 April 2005: | | | | | | | |
| None. | | | | | | | |
| The following objects identified in a previous report were no longer in orbit as at 2400Z 30 April 2005: | | | | | | | |
| 1963-053K | | | | | | | |
| 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. | | | | | | | |

May 2005

1. The following report supplements the registration data on United States launches as at 30 May 2005. 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: | | | | | | | |
| 2005-018A | NOAA 18 | 20 May 2005 | 102.0 | 98.7 | 883 | 863 | Spacecraft engaged in practical applications and uses of space technology such as weather and communications |
| 2005-018B | Delta 2 R/B | 20 May 2005 | 94.4 | 103.6 | 831 | 180 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 2005-019A | DirecTV 8 | 22 May 2005 | 944.0 | 8.0 | 35 851 | 15 150 | Spacecraft engaged in practical applications and uses of space technology such as weather and communications |
| The following objects not previously reported have been identified since the last report: | | | | | | | |
| 1965-089G | Delta 1 debris | 6 November 1965 | 118.7 | 59.4 | 2 173 | 1 077 | Spent boosters, spent manoeuvring stages, |

| <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> | |
| | | | | | | | shrouds and other non-functional objects |
| 1965-108BU | Titan 3C Transtage debris | 21 December 1965 | 552.4 | 26.4 | 30 723 | 1 127 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1966-077AD | OPS 0856 debris | 19 August 1966 | 167.4 | 89.8 | 3 734 | 3 637 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1968-055N | Delta 1 debris | 4 July 1968 | 123.5 | 120.7 | 2 999 | 679 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1968-055P | Delta 1 debris | 4 July 1968 | 138.3 | 120.5 | 4 243 | 724 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1968-055Q | Delta 1 debris | 4 July 1968 | 140.3 | 120.6 | 4 496 | 640 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1968-055R | Delta 1 debris | 4 July 1968 | 123.1 | 120.5 | 3 045 | 597 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1968-055S | Delta 1 debris | 4 July 1968 | 132.0 | 120.8 | 3 720 | 706 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1968-055T | Delta 1 debris | 4 July 1968 | 119.0 | 120.5 | 2 658 | 619 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1968-055U | Delta 1 debris | 4 July 1968 | 129.9 | 120.6 | 3 625 | 614 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1988-074H | Scout G-1 debris | 25 August 1988 | 106.9 | 89.8 | 1 150 | 1 019 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1988-074J | Scout G-1 debris | 25 August 1988 | 105.9 | 89.8 | 1 100 | 981 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1988-074K | Scout G-1 debris | 25 August 1988 | 105.6 | 89.8 | 1 079 | 972 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1988-074L | Scout G-1 debris | 25 August 1988 | 107.0 | 89.8 | 1 157 | 1 021 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1988-074M | Scout G-1 debris | 25 August 1988 | 107.1 | 89.8 | 1 162 | 1 024 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1988-077T | Titan 34D Transtage debris | 2 September 1988 | 702.3 | 27.2 | 39 163 | 426 | 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> | |
| 1988-077U | Titan 34D Transtage debris | 2 September 1988 | 702.3 | 27.2 | 39 163 | 426 | 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 May 2005:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 May 2005:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z 31 May 2005:

1975-052DL, 1978-096H, 1991-082F, 1991-082H, 1991-082AZ, 2004-030B

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.

June 2005

1. The following report supplements the registration data on United States launches as at 30 June 2005. 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:

None.

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z 30 June 2005:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 June 2005:

None.

| <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 identified in a previous report were no longer in orbit as at 2400Z 30 June 2005: | | | | | | | |
| None. | | | | | | | |
| 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. | | | | | | | |

July 2005

1. The following report supplements the registration data on United States launches as at 31 July 2005. 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: | | | | | | | |
| 2005-026A | STS-114 | 26 July 2005 | 88.4 | 51.6 | 232 | 157 | Reusable space transportation systems |
| The following objects not previously reported have been identified since the last report: | | | | | | | |
| 1999-040E | IUS debris | 23 July 1999 | 243.2 | 28.5 | 12 761 | 296 | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects |
| 1999-040F | IUS debris | 23 July 1999 | 243.2 | 28.5 | 12 711 | 312 | 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 July 2005:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 July 2005:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z 31 July 2005:

1975-052DY, 2000-055B, 2005-018B

The following objects were launched since the last report but did not achieve orbit:

| <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> | |
| None. | | | | | | | |
| Revisions that should be made to previously reported data: | | | | | | | |
| None. | | | | | | | |