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 12 January 2007 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 July to November 2006 (see annex).
**Annex**

**Registration data on space launches by the United States of America for July to November 2006**

**July 2006**

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

<table>
<thead>
<tr>
<th>International designation</th>
<th>Name of space object</th>
<th>Date of launch</th>
<th>Location of launch site</th>
<th>Nodal period (min)</th>
<th>Inclination (degrees)</th>
<th>Apogee (km)</th>
<th>Perigee (km)</th>
<th>General function of space object</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-029A</td>
<td>Genesis 1</td>
<td>12 July 2006</td>
<td>Southern Ural mountains, Russian Federation</td>
<td>95.8</td>
<td>64.5</td>
<td>561</td>
<td>554</td>
<td>Spacecraft engaged in investigation of spaceflight techniques and technology</td>
</tr>
</tbody>
</table>

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 July 2006:

None.

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

2006-028A STS-121 4 July 2006 --- 88.4 51.6 233 157 Reusable space transportation systems

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

2006-016C

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 ST/SG/SER.E/493, remove space object 2006-016B (Calipso) from registration data on United States launches as at 30 April 2006.

* The registration data are reproduced in the form in which they were received.
The following report supplements the registration data on United States launches as at 31 August 2006. All launches were made from the territory of the United States unless otherwise specified.

<table>
<thead>
<tr>
<th>International designation</th>
<th>Name of space object</th>
<th>Date of launch</th>
<th>Location of launch site</th>
<th>Nodal period (min)</th>
<th>Inclination (degrees)</th>
<th>Apogee (km)</th>
<th>Perigee (km)</th>
<th>General function of space object</th>
</tr>
</thead>
</table>

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 31 August 2006:

None.

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

None.

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

1999-035F

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.
September 2006

The following report supplements the registration data on United States launches as at 30 September 2006. All launches were made from the territory of the United States unless otherwise specified.

<table>
<thead>
<tr>
<th>International designation</th>
<th>Name of space object</th>
<th>Date of launch</th>
<th>Location of launch site</th>
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<th>Inclination (degrees)</th>
<th>Apogee (km)</th>
<th>Perigee (km)</th>
<th>General function of space object</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-042A Navstar 58</td>
<td>25 September 2006</td>
<td></td>
<td></td>
<td>357.0</td>
<td>39.9</td>
<td>20 410</td>
<td>174</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2006-042B Delta 2 R/B (2)</td>
<td>25 September 2006</td>
<td></td>
<td></td>
<td>356.6</td>
<td>39.9</td>
<td>20 378</td>
<td>184</td>
<td>Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects</td>
</tr>
<tr>
<td>2006-042C Delta 2 R/B (1)</td>
<td>25 September 2006</td>
<td></td>
<td></td>
<td>98.8</td>
<td>33.6</td>
<td>1 219</td>
<td>184</td>
<td>Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects</td>
</tr>
</tbody>
</table>

The following objects were launched since the last report and remain in orbit:

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 September 2006:
None.

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

2006-036A STS-115 9 September 2006

Revisons that should be made to previously reported data:
None.
October 2006

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

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<thead>
<tr>
<th>International designation</th>
<th>Name of space object</th>
<th>Date of launch</th>
<th>Location of launch site</th>
<th>Nodal period</th>
<th>Inclination</th>
<th>Apogee</th>
<th>Perigee</th>
<th>General function of space object</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-043A</td>
<td>DirecTV 9S</td>
<td>13 October 2006</td>
<td>Kourou, French Guiana</td>
<td>632.2</td>
<td>6.9</td>
<td>35 816</td>
<td>258</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2006-047A</td>
<td>STEREO A</td>
<td>26 October 2006</td>
<td>--</td>
<td>87.8</td>
<td>28.5</td>
<td>170</td>
<td>166</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2006-047B</td>
<td>STEREO B</td>
<td>26 October 2006</td>
<td>--</td>
<td>119.8</td>
<td>28.5</td>
<td>3 180</td>
<td>166</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2006-047C</td>
<td>Delta 2 R/B</td>
<td>26 October 2006</td>
<td>--</td>
<td>119.8</td>
<td>24.6</td>
<td>3 164</td>
<td>186</td>
<td>Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects</td>
</tr>
<tr>
<td>2006-047D</td>
<td>Delta 2 debris</td>
<td>26 October 2006</td>
<td>--</td>
<td>118.7</td>
<td>28.4</td>
<td>3 155</td>
<td>89</td>
<td>Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects</td>
</tr>
<tr>
<td>2006-049A</td>
<td>XM-4</td>
<td>30 October 2006</td>
<td>Odyssey platform in the Pacific Ocean</td>
<td>656.4</td>
<td>0.1</td>
<td>36 024</td>
<td>1 260</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
</tbody>
</table>

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 31 October 2006:

None.

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

None.

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

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.

November 2006

The following report supplements the registration data on United States launches as at 30 November 2006. All launches were made from the territory of the United States unless otherwise specified.

<table>
<thead>
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<th>Inclination (degrees)</th>
<th>Apogee (km)</th>
<th>Perigee (km)</th>
<th>General function of space object</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-050A</td>
<td>DMSP 5D-3 F17</td>
<td>4 November 2006</td>
<td>---</td>
<td>101.8</td>
<td>98.8</td>
<td>868</td>
<td>845</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2006-050C</td>
<td>DMSP 5D-3 F17 debris</td>
<td>4 November 2006</td>
<td>---</td>
<td>102.9</td>
<td>99.1</td>
<td>857</td>
<td>847</td>
<td>Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects</td>
</tr>
<tr>
<td>2006-052A</td>
<td>Navstar 59          (USA 192)</td>
<td>17 November 2006</td>
<td>---</td>
<td>717.9</td>
<td>55.0</td>
<td>20 277</td>
<td>20 088</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2006-052B</td>
<td>Delta 2 R/B (2)</td>
<td>17 November 2006</td>
<td>---</td>
<td>351.2</td>
<td>39.9</td>
<td>20 044</td>
<td>181</td>
<td>Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects</td>
</tr>
<tr>
<td>2006-052C</td>
<td>Delta 2 R/B (1)</td>
<td>17 November 2006</td>
<td>---</td>
<td>96.5</td>
<td>32.6</td>
<td>989</td>
<td>194</td>
<td>Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects</td>
</tr>
</tbody>
</table>

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 November 2006:

None.
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 November 2006:

2006-050B, 2006-050F

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

2002-051G

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.