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 1 March 2012 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 from October to December 2011 (see annexes I-III).
Annex I

Registration data on space launches by the United States of America for October 2011*

The following report supplements the registration data on United States space launches as at 31 October 2011. All launches were made from the territory of the United States unless otherwise specified.

<table>
<thead>
<tr>
<th>International designator</th>
<th>Name of the space object</th>
<th>Date of the launch</th>
<th>Location of the launch</th>
<th>Nodal period (min)</th>
<th>Inclination (degrees)</th>
<th>Apogee (km)</th>
<th>Perigee (km)</th>
<th>General function of the space object</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-056A</td>
<td>Intelsat 18</td>
<td>5 October 2011</td>
<td>Baikonur Cosmodrome, Kazakhstan</td>
<td>1 434.5</td>
<td>0.0</td>
<td>35 780</td>
<td>35 731</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2011-059A</td>
<td>ViaSat 1</td>
<td>19 October 2011</td>
<td>Baikonur Cosmodrome, Kazakhstan</td>
<td>234.4</td>
<td>49.8</td>
<td>12 102</td>
<td>326</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2011-061A</td>
<td>NPP</td>
<td>28 October 2011</td>
<td>–</td>
<td>101.1</td>
<td>98.7</td>
<td>818</td>
<td>811</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2011-061B</td>
<td>DICE 1</td>
<td>28 October 2011</td>
<td>–</td>
<td>97.4</td>
<td>101.7</td>
<td>832</td>
<td>474</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2011-061C</td>
<td>DICE 2</td>
<td>28 October 2011</td>
<td>–</td>
<td>97.4</td>
<td>101.7</td>
<td>832</td>
<td>474</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2011-061D</td>
<td>RAX 2</td>
<td>28 October 2011</td>
<td>–</td>
<td>97.4</td>
<td>101.7</td>
<td>831</td>
<td>474</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2011-061E</td>
<td>AUBIESAT 1</td>
<td>28 October 2011</td>
<td>–</td>
<td>97.4</td>
<td>101.7</td>
<td>832</td>
<td>472</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
</tbody>
</table>

* The registration data are reproduced in the form in which they were received.
### International Designator

<table>
<thead>
<tr>
<th>International designator</th>
<th>Name of the space object</th>
<th>Date of the launch</th>
<th>Location of the launch</th>
<th>Nodal period (min)</th>
<th>Inclination (degrees)</th>
<th>Apogee (km)</th>
<th>Perigee (km)</th>
<th>General function of the space object</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-061F</td>
<td>M Cubed</td>
<td>28 October 2011</td>
<td>–</td>
<td>97.4</td>
<td>101.7</td>
<td>832</td>
<td>472</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2011-061G</td>
<td>Delta 2 R/B</td>
<td>28 October 2011</td>
<td>–</td>
<td>86.7</td>
<td>107.2</td>
<td>732</td>
<td>182</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 on 31 October 2011:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 31 October 2011:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z on 31 October 2011:

- 1980-087B
- 2008-042C
- 2009-028C

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.
Annex II

Registration data on space launches by the United States of America for November 2011*

The following report supplements the registration data on United States space launches as at 30 November 2011. All launches were made from the territory of the United States unless otherwise specified.

<table>
<thead>
<tr>
<th>International designator</th>
<th>Name of the space object</th>
<th>Date of the launch</th>
<th>Location of the launch</th>
<th>Nodal period (min)</th>
<th>Inclination (degrees)</th>
<th>Apogee (km)</th>
<th>Perigee (km)</th>
<th>General function of the space object</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-070A</td>
<td>MSL</td>
<td>26 November 2011</td>
<td>–</td>
<td>89.4</td>
<td>28.9</td>
<td>325</td>
<td>166</td>
<td>Spacecraft engaged in practical applications and uses of space technology such as weather or communications</td>
</tr>
<tr>
<td>2011-070B</td>
<td>Atlas 5 R/B</td>
<td>26 November 2011</td>
<td>–</td>
<td>89.4</td>
<td>28.9</td>
<td>296</td>
<td>195</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:

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 on 30 November 2011:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 30 November 2011:

None.

The following objects identified in a previous report were no longer in orbit as at 2400Z on 30 November 2011:

1963-014B

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.

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Annex III

Registration data on space launches by the United States of America for December 2011*

The following report supplements the registration data on United States space launches as at 31 December 2011. All launches were made from the territory of the United States unless otherwise specified.

<table>
<thead>
<tr>
<th>International designator</th>
<th>Name of the space object</th>
<th>Date of the launch</th>
<th>Location of the launch</th>
<th>Nodal period (min)</th>
<th>Inclination (degrees)</th>
<th>Apogee (km)</th>
<th>Perigee (km)</th>
<th>General function of the 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 on 31 December 2011:
None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 31 December 2011:
None.

The following objects identified in a previous report were no longer in orbit as at 2400Z on 31 December 2011:
2011-031B

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.

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