United Nations



Distr.: General 4 February 2010

Original: English

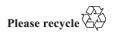
**Committee on the Peaceful Uses of Outer Space** 

## Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 17 June 2008 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 January to March 2008 (see annexes I-III).





#### Annex I

N

# Registration data on space launches by the United States of America for January $2008^\ast$

The following report supplements the registration data on United States launches as at 31 January 2008. All launches were made from the territory of the United States unless otherwise specified.

|                           |  |                          |                       | В                     | asic orbital char        | acteristics    |                 |                                  |
|---------------------------|--|--------------------------|-----------------------|-----------------------|--------------------------|----------------|-----------------|----------------------------------|
| International designation | Name of space<br>object Date of launch |                          | Location<br>of launch | Nodal<br>period (min) | Inclination<br>(degrees) | Apogee<br>(km) | Perigee<br>(km) | General function of space object |
| The following of          | bjects were launche                    | d since the last repo    | ort and remain        | in orbit:             |                          |                |                 |                                  |
| None.                     |  |                          |                       |                       |                          |                |                 |                                  |
| The following o           | objects not previousl                  | y reported have been     | n identified si       | nce the last rep      | port:                    |                |                 |                                  |
| None.                     |  |                          |                       |                       |                          |                |                 |                                  |
| The following o           | objects not previousl                  | y reported have been     | n identified si       | nce the last rep      | port but were            | no longer in   | n orbit as a    | t 2400Z 31 January 2008:         |
| None.                     |  |                          |                       |                       |                          |                |                 |                                  |
| The following o           | objects achieved orbi                  | it since the last report | rt but were no        | longer in orbi        | t as at 2400Z            | 31 January     | y 2008:         |                                  |
| None.                     |  |                          |                       |                       |                          |                |                 |                                  |
| The following of          | objects identified in a                | a previous report we     | ere no longer i       | n orbit as at 24      | 400Z 31 Janu             | ary 2008:      |                 |                                  |
| None.                     |  |                          |                       |                       |                          |                |                 |                                  |
| The following of          | bjects were launche                    | d since the last repo    | ort but did not       | achieve orbit:        |                          |                |                 |                                  |
| None.                     |  |                          |                       |                       |                          |                |                 |                                  |
| Revisions that s          | should be made to pr                   | eviously reported da     | ata:                  |                       |                          |                |                 |                                  |
|                           |  |                          |                       |                       |                          |                |                 |                                  |

<sup>\*</sup> The registration data are reproduced in the form in which they were received.

Annex II

## **Registration data on space launches by the United States of America for February 2008**\*

The following report supplements the registration data on United States launches as at 29 February 2008. All launches were made from the territory of the United States unless otherwise specified.

|   |   |   | Location<br>of launch             | Ba  | asic orbital char        | acteristics       |                 |   |
|---|---|---|-----------------------------------|---|--------------------------|-------------------|-----------------|---|
| International designation   | Name of space object  | Date of launch  |                                   | Nodal period<br>(min)                         | Inclination<br>(degrees) | Apogee<br>(km)    | Perigee<br>(km) | General function of space object                                |
| The following of  | ojects were launched si   | ince the last report an   | d remain in o                     | orbit:  |                          |                   |                 |   |
| None.   |   |   |                                   |   |                          |                   |                 |   |
| The following of  | ojects not previously re  | eported have been ide   | ntified since                     | the last report:                              |                          |                   |                 |   |
| None.   |   |   |                                   |   |                          |                   |                 |   |
| 1.00110.  |   |   |                                   |   |                          |                   |                 |   |
|   | ojects not previously re  | eported have been ide   | ntified since                     | the last report                               | but were no lo           | onger in or       | bit as at 24    | 100Z 29 February 2008:  |
|   | pjects not previously re  | eported have been ide   | ntified since                     | the last report                               | but were no lo           | onger in or       | bit as at 24    | 100Z 29 February 2008:  |
| The following of None.  | ojects not previously re<br>oject achieved orbit sir                  |   |                                   | 1   |                          | C                 |                 | 400Z 29 February 2008:  |
| The following of None.  | 5 1 5   |   |                                   | 1   |                          | C                 |                 | 400Z 29 February 2008:<br>Reusable space transportation systems |
| The following o<br>None.<br>The following o<br>2008-005A  | oject achieved orbit sir  | the last report but<br>7 February 2008  | was no longe<br>_                 | er in orbit as at<br>89.0                     | 2400Z 29 Fe<br>51.6      | ebruary 20<br>243 | 08:             | , , , , , , , , , , , , , , , , , , ,                           |
| The following o<br>None.<br>The following o<br>2008-005A  | oject achieved orbit sir<br>STS-122<br>oject identified in a pre      | the last report but<br>7 February 2008  | was no longe<br>_                 | er in orbit as at<br>89.0                     | 2400Z 29 Fe<br>51.6      | ebruary 20<br>243 | 08:             | , , , , , , , , , , , , , , , , , , ,                           |
| The following o<br>None.<br>The following o<br>2008-005A<br>The following o<br>2007-059                             | oject achieved orbit sir<br>STS-122<br>oject identified in a pre      | the last report but<br>7 February 2008<br>evious report was no l                            | was no long<br>_<br>onger in orbi | er in orbit as at<br>89.0<br>it as at 2400Z 2 | 2400Z 29 Fe<br>51.6      | ebruary 20<br>243 | 08:             | , , , , , , , , , , , , , , , , , , ,                           |
| The following o<br>None.<br>The following o<br>2008-005A<br>The following o<br>2007-059                             | oject achieved orbit sir<br>STS-122<br>oject identified in a pre<br>B | the last report but<br>7 February 2008<br>evious report was no l                            | was no long<br>_<br>onger in orbi | er in orbit as at<br>89.0<br>it as at 2400Z 2 | 2400Z 29 Fe<br>51.6      | ebruary 20<br>243 | 08:             | , , , , , , , , , , , , , , , , , , ,                           |
| The following o<br>None.<br>The following o<br>2008-005A<br>The following o<br>2007-059<br>The following o<br>None. | oject achieved orbit sir<br>STS-122<br>oject identified in a pre<br>B | the last report but<br>7 February 2008<br>evious report was no l<br>ince the last report bu | was no long<br>_<br>onger in orbi | er in orbit as at<br>89.0<br>it as at 2400Z 2 | 2400Z 29 Fe<br>51.6      | ebruary 20<br>243 | 08:             | , , , , , , , , , , , , , , , , , , ,                           |

<sup>\*</sup> The registration data are reproduced in the form in which they were received.

## Annex III

4

## **Registration data on space launches by the United States of America for March 2008**\*

The following report supplements the registration data on United States launches as at 31 March 2008. All launches were made from the territory of the United States unless otherwise specified.

| International Name of space<br>designation object |                         |                       | Ba                              | asic orbital cha      | racteristics             |                |                 |   |
|---|-------------------------|-----------------------|---------------------------------|-----------------------|--------------------------|----------------|-----------------|---|
|   |                         | Date of launch        | Location<br>of launch           | Nodal period<br>(min) | Inclination<br>(degrees) | Apogee<br>(km) | Perigee<br>(km) | General function of space object  |
| The following                                     | objects were launch     | ed since the last rep | port and remain                 | in orbit:             |                          |                |                 |   |
| 2008-010A   | USA 200                 | 13 March<br>2008      | _                               | 68.15                 | 64.6                     | 37 434         | 1 117           | Spacecraft engaged in practical applications<br>and uses of space technology such as weather<br>or communications |
| 2008-010B   | Atlas 5 Centaur<br>R/B  | 13 March<br>2008      | -                               | 681.5                 | 64.6                     | 37 434         | 1 117           | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects                                |
| 2008-011A   | AMC-14                  | 14 March<br>2008      | Baikonur,<br>Kazakhstan         | 468.7                 | 49.2                     | 26 448         | 770             | Spacecraft engaged in practical applications<br>and uses of space technology such as weather<br>or communications |
| 2008-012A   | Navstar 62<br>(USA 201) | 15 March<br>2008      | -                               | 355.9                 | 40.0                     | 20 330         | 190             | Spacecraft engaged in practical applications<br>and uses of space technology such as weather<br>or communications |
| 2008-012B   | Delta 2 R/B (2)         | 15 March<br>2008      | -                               | 355.6                 | 40.0                     | 20 309         | 191             | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects                                |
| 2008-012C   | Delta 2 R/B (1)         | 15 March<br>2008      | _                               | 99.0                  | 33.1                     | 1 222          | 202             | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects                                |
| 2008-013A   | DirecTV 11              | 19 March<br>2008      | Odyssey<br>floating<br>platform | 637.6                 | 0.0                      | 36 077         | 245             | Spacecraft engaged in practical applications<br>and uses of space technology such as weather<br>or communications |
| None.   | objects not previous    | , I                   |                                 | 1                     |                          |                |                 |   |
| The following                                     | object not previously   | y reported has been   | n identified sinc               | e the last repor      | t but was no             | longer in or   | bit as at 24    | 400Z 31 March 2008:   |
| 2006-057C   | USA 193<br>debris       | 14 December<br>2006   | _                               | 90.24                 | 57.33                    | 428            | 145             | Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects                                |

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

V.10-50722

V.10-50722

|                           |                    | Date of launch           |                       | Basic orbital characteristics |                          |                |                 |                                       |
|---------------------------|--------------------|--------------------------|-----------------------|-------------------------------|--------------------------|----------------|-----------------|---------------------------------------|
| International designation |                    |                          | Location<br>of launch | Nodal period<br>(min)         | Inclination<br>(degrees) | Apogee<br>(km) | Perigee<br>(km) | General function of space object      |
| 2008-009A                 | STS-123            | 11 March 2008            | _                     | 91.40                         | 51.6                     | 350            | 349             | Reusable space transportation systems |
| The following of 2007-046 | 5                  | a previous report was i  | no longer in          | orbit as at 2400              | 0Z 31 March              | 2008:          |                 |                                       |
| 2007-0461                 |                    |                          |                       |                               |                          |                |                 |                                       |
|                           | ojects were launch | ed since the last report | but did not           | achieve orbit:                |                          |                |                 |                                       |
|                           | ojects were launch | ed since the last report | but did not           | achieve orbit:                |                          |                |                 |                                       |
| The following of None.    | 5                  | ed since the last report |                       | achieve orbit:                |                          |                |                 |                                       |