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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 18 July 1995 from the Alternate Permanent Representative of the United States of America to the United Nations (Vienna) addressed to the Secretary-General

The Alternate Permanent Representative of the United States of America to the United Nations (Vienna) presents her 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,\* has the honour to transmit the registration data for the United States space launches for the period October-December 1994 and January-February 1995 (see annex).

<sup>\*</sup>General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

#### Annex\*

# REGISTRATION DATA FOR U.S. SPACE LAUNCHES

The following report supplements the registration data for the United States Launches as of 31 October, 1994.

All launches were made from the territory of the United States unless otherwise specified.

|                              |   |                          | Basic Orbital            | Characteristics |                 |  |  |  |  |  |  |
|------------------------------|---|--------------------------|--------------------------|-----------------|-----------------|--|--|--|--|--|--|
| International<br>Designation | Date of Launch  | Nodal<br>Period<br>(min) | Inclination<br>(degrees) | Apogee<br>(km)  | Perigee<br>(km) | General Function of Space Objects  |  |  |  |  |  |
| The following objects        | The following objects were launched since the last report and remain in orbit             |                          |                          |                 |                 |  |  |  |  |  |  |
| 1994-064B                    | 06 October 1994   | 651.2                    | 26.3                     | 36,883          | 138             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |  |
| The following objects        | The following objects not previously reported have been identified since the last report: |                          |                          |                 |                 |  |  |  |  |  |  |
| 1992-039D                    | 07 July 1992  | 308.0                    | 34.6                     | 17,277          | 197             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |  |
| 1992-058D                    | 09 September 1992   | 94.9                     | 19.8                     | 548             | 485             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |  |
| 1992-027D                    | 14 May 1992   | 113.8                    | 19.7                     | 2,260           | 550             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |  |
| 1968-066K                    | 08 August 1968  | 107.1                    | 80.7                     | 1,547           | 637             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |  |
| 1975-052ЈҮ                   | 12 June 1975  | 113.5                    | 99.7                     | 1,683           | 1,683           | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |  |
| 1975-052JZ                   | 12 June 1975  | 111.8                    | 99.9                     | 1,563           | 1,056           | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |  |

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

|                              |   |                          | Basic Orbital            | Characteristics |                  |                                   |  |  |  |
|------------------------------|---|--------------------------|--------------------------|-----------------|------------------|-----------------------------------|--|--|--|
| International<br>Designation | Date of Launch  | Nodal<br>Period<br>(min) | Inclination<br>(degrees) | Apogee<br>(km)  | Perigee<br>(km)  | General Function of Space Objects |  |  |  |
| The following objects        | The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 31 October, 1994: |                          |                          |                 |                  |                                   |  |  |  |
| NONE                         |   |                          |                          |                 |                  |                                   |  |  |  |
| The following objects        | achieved orbit since the last   | report but are i         | o longer in orbi         | it as of 2400Z  | 31 October, 1994 | 4:                                |  |  |  |
| NONE                         | NONE  |                          |                          |                 |                  |                                   |  |  |  |
| The following objects        | identified in a previous repo   | rt are no longer         | in orbit as of 2         | 400Z 31 Octob   | er 1994:         |                                   |  |  |  |
| 1963-014FF                   |   |                          |                          |                 |                  |                                   |  |  |  |
| 1994-006B                    |   |                          |                          |                 |                  |                                   |  |  |  |
| 1994-006C                    |   |                          |                          |                 |                  |                                   |  |  |  |
| 1994-062A                    | 1994-062A   |                          |                          |                 |                  |                                   |  |  |  |
| The following objects        | The following objects were launched since the last report but did not achieve orbit:  |                          |                          |                 |                  |                                   |  |  |  |
| NONE                         | NONE  |                          |                          |                 |                  |                                   |  |  |  |
| Revisions that should        | Revisions that should be made to previously reported data:  |                          |                          |                 |                  |                                   |  |  |  |
| NONE                         | NONE  |                          |                          |                 |                  |                                   |  |  |  |

The following report supplements the registration data for the United States Launches as of 30 November, 1994.

All launches were made from the territory of the United States unless otherwise specified.

|                              |   |                       | Basic Orbital C       | haracteristics  |                   |  |  |  |  |  |
|------------------------------|---|-----------------------|-----------------------|-----------------|-------------------|--|--|--|--|--|
| International<br>Designation | Date of Launch  | Nodal Period<br>(min) | Inclination (degrees) | Apogee<br>(km)  | Perigee<br>(km)   | General Function of Space Objects  |  |  |  |  |
| The following objects        | The following objects were launched since the last report and remain in orbit |                       |                       |                 |                   |  |  |  |  |  |
| 1994-071A                    | 01 November 1994  | 19,701.6              | 28.7                  | 470,328         | 187               | Spacecraft engaged in investigation of spaceflight techniques and technology       |  |  |  |  |
| 1994-071B                    | 01 November 1994  | 116.7                 | 27.7                  | 2,885           | 182               | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |
| 1994-071C                    | 01 November 1994  | 19,701.6              | 28.7                  | 470,327         | 187               | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |
| 1994-079A                    | 29 November 1994  | 1,436.7               | 0.1                   | 35,869          | 35,833            | Spacecraft engaged in investigation of spaceflight techniques and technology       |  |  |  |  |
| 1994-079B                    | 29 November 1994  | 2,889.0               | 25.9                  | 121,410         | 234               | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |
| The following objects        | not previously reported have  | been identified since | e the last report:    |                 |                   |  |  |  |  |  |
| 1989-061X to<br>1989-061BT   | 08 August 1989  | 183.5                 | 57.0                  | 8,135           | 532               | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |  |
| The following objects        | not previously reported have  | been identified sinc  | ce the last report    | but are no long | er in orbit as of | f 2400Z 30 November 1994:  |  |  |  |  |
| NONE                         |   |                       |                       |                 |                   |  |  |  |  |  |

The following report supplements the registration data for the United States Launches as of 31 December, 1994.

All launches were made from the territory of the United States unless otherwise specified.

|                              |  |                       | Basic Orbital C       | haracteristics | cteristics      |   |  |  |  |  |  |
|------------------------------|--|-----------------------|-----------------------|----------------|-----------------|---|--|--|--|--|--|
| International<br>Designation | Date of Launch   | Nodal Period<br>(min) | Inclination (degrees) | Apogee<br>(km) | Perigee<br>(km) | General Function of Space Objects   |  |  |  |  |  |
| The following objects        | The following objects were launched since the last report and remain in orbit            |                       |                       |                |                 |   |  |  |  |  |  |
| 1994-084A                    | 22 December 1994   | 88.1                  | 28.6                  | 159            | 156             | Spacecraft engaged in practical applications and uses of space technology such as weather or communications |  |  |  |  |  |
| 1994-084C                    | 22 December 1994   | 88.1                  | 28.6                  | 159            | 156             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects                          |  |  |  |  |  |
| 1994-084D                    | 22 December 1994   | 88.1                  | 28.6                  | 159            | 156             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects                          |  |  |  |  |  |
| 1994-089A                    | 30 December 1994   | 102.0                 | 98.9                  | 858            | 845             | Spacecraft engaged in investigation of spaceflight techniques and technology                                |  |  |  |  |  |
| 1994-089B                    | 30 December 1994   | 101.9                 | 98.9                  | 854            | 847             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects                          |  |  |  |  |  |
| 1994-089C                    | 30 December 1994   | 101.9                 | 98.9                  | 855            | 844             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects                          |  |  |  |  |  |
| The following objects        | The following objects not previously reported have been identified since the last report |                       |                       |                |                 |   |  |  |  |  |  |
| 1977-044E                    | 05 June 1977   | 101.0                 | 99.1                  | 847            | 788             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects                          |  |  |  |  |  |
| 1991-017C                    | 08 March 1991  | 93.6                  | 68.0                  | 519            | 391             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects                          |  |  |  |  |  |

|  |  | Basic Orbital Characteristics |                       |                |                 |  |  |  |  |
|--|--|-------------------------------|-----------------------|----------------|-----------------|--|--|--|--|
| International<br>Designation   | Date of Launch   | Nodal Period<br>(min)         | Inclination (degrees) | Apogee<br>(km) | Perigee<br>(km) | General Function of Space Objects  |  |  |  |
| The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 31 December, 1994: |  |                               |                       |                |                 |  |  |  |  |
| NONE   | NONE   |                               |                       |                |                 |  |  |  |  |
| The following objects  | The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z 31 December, 1994: |                               |                       |                |                 |  |  |  |  |
| 1994-084B  | 22 December 1994   |                               |                       |                |                 | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects |  |  |  |
| The following objects  | identified in a previous report  | are no longer in o            | orbit as of 2400Z     | 31 December,   | 1994:           |  |  |  |  |
| 1992-058D  |  |                               |                       |                |                 |  |  |  |  |
| 1972-058CX   |  |                               |                       |                |                 |  |  |  |  |
| 1977-065FZ   |  |                               |                       |                |                 |  |  |  |  |
| The following objects  | The following objects were launched since the previous report but did not achieve orbit:                             |                               |                       |                |                 |  |  |  |  |
| NONE   | NONE   |                               |                       |                |                 |  |  |  |  |
| Revisions that should  | Revisions that should be made to previously reported data:   |                               |                       |                |                 |  |  |  |  |
| NONE   |  |                               |                       |                |                 |  |  |  |  |

The following report supplements the registration data for the United States Launches as of 31 January, 1995.

All launches were made from the territory of the United States unless otherwise specified.

|                              |                                 |                       | Basic Orbital C          | haracteristics |                 |   |
|------------------------------|---------------------------------|-----------------------|--------------------------|----------------|-----------------|---|
| International<br>Designation |                                 | Nodal Period<br>(min) | Inclination<br>(degrees) | Apogee<br>(km) | Perigee<br>(km) | General Function of Space Objects   |
| The following objects        | were launched since the last re | eport and remain i    | n orbit:                 |                |                 |   |
| 1995-001B                    | 10 January 1995                 | 727.4                 | 26.5                     | 40,740         | 26,702          | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects                          |
| 1995-002C                    | 24 January 1995                 | 104.9                 | 82.89                    | 1,020          | 994             | Spacecraft engaged in practical applications and uses of space technology such as weather or communications |
| 1995-003A                    | 29 January 1995                 | 1,436.3               | 5.13                     | 35,934         | 279             | Spacecraft engaged in practical applications and uses of space technology such as weather or communications |
| 1995-003B                    | 29 January 1995                 | 477.9                 | 26.9                     | 27,446         | 308             | Spent boosters, spent maneuvering stages, shrouds and other non-functional objects                          |

NOTE: 1995-002C (FAISAT) was launched on a Russian booster from Plesetsk

The following objects not previously reported have been identified since the last report:

NONE

|                              |   | Basic Orbital Characteristics |                       |                |                 |                                   |  |  |  |
|------------------------------|---|-------------------------------|-----------------------|----------------|-----------------|-----------------------------------|--|--|--|
| International<br>Designation | Date of Launch  | Nodal Period<br>(min)         | Inclination (degrees) | Apogee<br>(km) | Perigee<br>(km) | General Function of Space Objects |  |  |  |
| The following objects        | The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 31 January, 1995: |                               |                       |                |                 |                                   |  |  |  |
| NONE                         |   |                               |                       |                |                 |                                   |  |  |  |
| The following objects        | The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z 31 January, 1995:                               |                               |                       |                |                 |                                   |  |  |  |
| NONE                         |   |                               |                       |                |                 |                                   |  |  |  |
| The following objects        | identified in a previous report   | are no longer in o            | orbit as of 2400Z     | 31 January, 19 | 95:             |                                   |  |  |  |
| 1965-038B                    |   |                               |                       |                |                 |                                   |  |  |  |
| The following objects        | The following objects were launched since the previous report but did not achieve orbit:  |                               |                       |                |                 |                                   |  |  |  |
| NONE                         | NONE  |                               |                       |                |                 |                                   |  |  |  |
| Revisions that should b      | Revisions that should be made to previously reported data:  |                               |                       |                |                 |                                   |  |  |  |
| NONE                         | NONE  |                               |                       |                |                 |                                   |  |  |  |

The following report supplements the registration data for the United States Launches as of 28 February, 1995.

All launches were made from the territory of the United States unless otherwise specified.

|                              |                                 |                       | Basic Orbital C       | haracteristics |                 |  |
|------------------------------|---------------------------------|-----------------------|-----------------------|----------------|-----------------|--|
| International<br>Designation | Date of Launch                  | Nodal Period<br>(min) | Inclination (degrees) | Apogee<br>(km) | Perigee<br>(km) | General Function of Space Objects  |
| The following objects        | were launched since the last re |                       |                       |                |                 |  |
| 1995-004C                    | 03 February 1995                | 91.3                  | 51.6                  | 348            | 327             | Spacecraft engaged in investigation of spaceflight techniques and technology |
| 1995-004D                    | 03 February 1995                | 91.2                  | 51.6                  | 344            | 319             | Spacecraft engaged in investigation of spaceflight techniques and technology |
| 1995-004E                    | 03 February 1995                |                       | NO CURRENT            | ELEMENTS       |                 | Spacecraft engaged in investigation of spaceflight techniques and technology |
| 1995-004F                    | 03 February 1995                | 86.4                  | 51.6                  | 96             | 95              | Spacecraft engaged in investigation of spaceflight techniques and technology |

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 are no longer in orbit as of 2400Z 28 February, 1995:

NONE

|                              |  |                    | Basic Orbital C       |                |                 |  |  |  |  |  |
|------------------------------|--|--------------------|-----------------------|----------------|-----------------|--|--|--|--|--|
| International<br>Designation | Date of Launch   | Nodal Period (min) | Inclination (degrees) | Apogee<br>(km) | Perigee<br>(km) | General Function of Space Objects  |  |  |  |  |
| The following objects        | The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z 28 February, 1995: |                    |                       |                |                 |  |  |  |  |  |
| 1995-004A                    | 03 February 1995   | 91.1               | 51.6                  | 342            | 310             | Reusable space transportation system   |  |  |  |  |
| 1995-004B                    | 03 February 1995   | 92.3               | 51.6                  | 389            | 388             | Spacecraft engaged in investigation of spaceflight techniques and technology |  |  |  |  |
| 1995-004G                    | 03 February 1995   |                    | NO CURRENT            | ELEMENTS       |                 | Spacecraft engaged in investigation of spaceflight techniques and technology |  |  |  |  |
| The following objects        | identified in a previous report  | are no longer in o | orbit as of 2400Z     | 28 February, 1 | 995:            |  |  |  |  |  |
| 1989-089T                    |  |                    |                       |                |                 |  |  |  |  |  |
| 1989-089BT                   | 1989-089BT   |                    |                       |                |                 |  |  |  |  |  |
| 1994-006G                    | 1994-006G  |                    |                       |                |                 |  |  |  |  |  |
| Revisions that should        | be made to previously reporte  | d data:            |                       |                |                 |  |  |  |  |  |
| NONE                         |  |                    |                       |                |                 |  |  |  |  |  |