United Nations ST/SG/SER.E/418

Secretariat

Distr.: General
9 October 2002

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 16 September 2002 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 the registration data on space launches by the United States for the period from April to July 2002 (see annex).

V.02-58657 (E) 311002 011102

Annex

Registration data on space launches by the United States of America for the period from April to July 2002

April 2002

1. The following report supplements the registration data on United States launches as at 30 April 2002. All launches were made from the territory of the United States unless otherwise specified.

		Basic orbital characteristics				
International designation	*Date of launch*	*Nodal period (minutes)*	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	*General function of space objects*
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:						
1990-050J	8 June 1990	107.4	63.4	1 164	1 051	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-065W	25 July 1990	488.9	17.7	28 086	274	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-076M	8 November 1991	107.2	63.4	1 296	898	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-076N	8 November 1991	107.1	63.4	1 284	900	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 are no longer in orbit as at 2400Z 30 April 2002:						
None.						
The following objects achieved orbit since the last report but are no longer in orbit as at 2400Z 30 April 2002:						
2002-018A	8 April 2002	91.5	51.6	400	300	Reusable space transportation systems

International designation	Date of launch	Basic orbital characteristics: Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of space objects
The following objects identified in a previous report are no longer in orbit as at 2400Z 30 April 2002:						
1961-015V, 1969-082BQ, 1969-082LE, 1970-025FE, 1974-089V, 1975-052AR, 1978-026GL, 1993-054B, 1994-029AU, 1994-029GK, 1994-029ABR, 1995-059C, 1996-061A, 1997-065BD, 1999-065H, 2001-054B						
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 2002

2. The following report supplements the registration data on United States launches as at 31 May 2002. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Basic orbital characteristics: Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of space objects
The following objects were launched since the last report and remain in orbit:						
2002-022A	4 May 2002	98.4	98.2	687	673	Spacecraft engaged in investigation of spaceflight techniques and technology
2002-022B	4 May 2002	92.4	97.4	575	208	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2002-023A	7 May 2002	1 436.09	0.05	35 797	35 776	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
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 at 2400Z 31 May 2002:						

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	

None.

The following objects achieved orbit since the last report but are no longer in orbit as at 2400Z 31 May 2002:

None.

The following objects identified in a previous report are no longer in orbit as at 2400Z 31 May 2002:

1965-082AA, 1966-026B, 1969-082FU, 1970-025JG, 1992-032B, 1994-029BW, 1994-029JW, 1994-029US, 1997-018B

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

None.

Revisions that should be made to previously reported data:

1990-002A	9 January 1990	91.1	28.5	330	327	Reusable space transportation systems
1991-040A	5 June 1991	90.2	39.0	289	276	Reusable space transportation systems
1992-026A	7 May 1992	91.6	28.3	361	344	Reusable space transportation systems
1998-069F	4 December 1998	[*Information not available.*]				Spacecraft engaged in investigation of spaceflight techniques and technology

June 2002

3. The following report supplements the registration data on United States launches as at 30 June 2002. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:						
2002-030A	15 June 2002	746.9	0.0	41 544	359	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2002-030B	15 June 2002	747.7	0.1	41 436	386	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2002-031A	20 June 2002	92.7	86.6	663	159	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2002-031B	20 June 2002	97.9	86.6	677	667	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2002-032A	24 June 2002	101.3	98.8	843	843	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
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 at 2400Z 30 June 2002:						
None.						
The following objects achieved orbit since the last report but are no longer in orbit as at 2400Z 30 June 2002:						
2002-028A	5 June 2002	92.0	51.6	399	398	Reusable space transportation systems
The following objects identified in a previous report are no longer in orbit as at 2400Z 30 June 2002:						
1972-058Y, 1975-004AV, 1978-075B, 1992-037B, 1994-029NY, 1994-029ACW						
The following objects were launched since the last report but did not achieve orbit:						
None.						

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
Revisions that should be made to previously reported data:						
None.						

July 2002

4. The following report supplements the registration data on United States launches as at 31 July 2002. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:						
2002-034A	3 July 2002	2 486.1	30.6	108 614	212	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
2002-034C	3 July 2002	2 410.8	30.7	106 120	239	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:						
1961-028H	21 October 1961	166.1	95.8	3 937	3 330	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1963-038L	28 September 1963	106.88	90.1	1 111	1 053	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1968-055H	4 July 1968	152.7	120.9	5 308	862	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1968-055J	4 July 1968	136.4	120.7	4 079	715	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-001D	8 January 1991	111.2	18.3	1 820	750	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
1997-035D	23 July 1997	118.7	38.9	3 107	138	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2000-047C	17 August 2000	96.9	67.9	658	565	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 are no longer in orbit as at 2400Z 31 July 2002:

None.

The following objects achieved orbit since the last report but are no longer in orbit as at 2400Z 31 July 2002:

2002-034B	3 July 2002	86.9	30.7	122	122	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects identified in a previous report are no longer in orbit as at 2400Z 31 July 2002:

1963-014V, 1994-029UZ, 1994-029VV, 2001-034B, 2002-022B

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.

ST/SG/SER.E/418