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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 22 December 1997 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,* has to honour to transmit the registration data for the United States space launches for the period February 1997-June 1997 (see annex).

*See General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

*Annex**

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 28 February 1997. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects were launched since the last report and remain in orbit:						
1997-007B	17 February 1997	2 066.2	23.2	94 493	226	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-008A	23 February 1997	94.0	28.6	759	185	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-008B	23 February 1997	94.0	28.6	759	185	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-008C	23 February 1997	94.0	28.6	759	185	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-008D	23 February 1997	94.0	28.6	759	185	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

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

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
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 1997:						
1994-029AAN	19 May 1994	96.0	82.0	620	519	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 28 February 1997:						
1997-004A	11 February 1997	96.7	28.4	619	586	Reusable space transportation systems
The following objects identified on a previous report are no longer in orbit as of 2400Z on 28 February 1997:						
1965-082AZ, 1994-029M, 1994-029AL, 1994-029AN, 1994-029BR, 1994-029DJ, 1994-029PX, 1994-029WU, 1994-029YU, 1994-029ZU						
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						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 31 March 1997. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects were launched since the last report and remain in orbit:						
1997-011A	08 March 1997	368.9	25.8	21 158	162	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-011B	08 March 1997	368.0	26.0	21 114	154	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:						
1994-029AAQ	19 May 1994	102.8	82.1	1 199	633	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029AAS	19 May 1994	98.5	82.0	803	571	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029AAT	19 May 1994	96.6	82.0	810	384	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029AAU	19 May 1994	99.3	82.4	1 002	473	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029AAV	19 May 1994	96.7	81.7	645	572	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects not previously reported have been identified since the last report (<i>continued</i>):						
1994-029AAX	19 May 1994	94.3	82.0	561	449	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029AAY	19 May 1994	98.8	82.1	851	561	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029AAZ	19 May 1994	100.0	82.4	950	569	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABA	19 May 1994	99.8	82.2	946	561	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABB	19 May 1994	99.3	81.8	896	593	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABC	19 May 1994	97.9	82.1	736	608	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABD	19 May 1994	99.1	82.2	855	579	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABE	19 May 1994	98.5	82.1	820	579	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABF	19 May 1994	98.8	82.1	846	558	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABG	19 May 1994	99.9	82.0	982	569	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABH	19 May 1994	99.2	81.8	906	574	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 March 1997:						
1994-029AAR	19 May 1994	91.5	82.0	361	333	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029AAW	19 May 1994	90.7	81.9	319	297	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 March 1997:						
NONE						
The following objects identified on a previous report are no longer in orbit as of 31 March 1997:						
1990-034C, 1994-029BF, 1994-029CH, 1994-029DA, 1994-DV, 1996-054B, 1994-029PD, 1994-029SC, 1994-029SM, 1994-029TA, 1994-029TH, 1994-029TT, 1994-029UG, 1994-029UV, 1973-086CH						
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						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 30 April 1997. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects were launched since the last report and remain in orbit:						
1997-012A	04 April 1997	101.9	98.9	874	861	Spacecraft engaged in practical applications and uses of space technology such as communications
1997-012B	04 April 1997	101.8	98.9	869	862	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-012C	04 April 1997	101.9	98.9	863	871	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-012D	04 April 1997	101.8	98.9	862	849	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-012E	04 April 1997	101.8	98.9	863	847	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-018B	21 April 1997	96.1	151.0	588	560	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-019A	25 April 1997	1 436.2	.44	42 326	163	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-019B	25 April 1997	746.9	27.2	41 611	170	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects not previously reported have been identified since the last report:						
1994-029ABJ	19 May 1994	112.9	82.0	2 141	577	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABK	19 May 1994	101.5	82.6	1 068	603	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABL	19 May 1994	101.3	82.1	1 031	612	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABM	19 May 1994	101.9	81.1	1 105	617	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABR	19 May 1994	102.2	81.8	1 115	612	Spent boosters, spent maneuvering 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 of 2400Z on 30 April 1997:						
1994-029ABP	19 May 1994	94.9	81.8	540	514	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABQ	19 May 1994	95.5	81.7	602	490	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABS	19 May 1994	98.7	82.0	818	578	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABT	19 May 1994	92.5	81.8	432	363	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 April 1997:						
1997-013A	04 April 1997	90.6	28.4	314	296	Reusable space transportation systems
The following objects identified on a previous report are no longer in orbit as of 2400Z on 30 April 1997:						
1989-089P, 1965-082CG, 1969-082ES, 1963-014DV, 1994-029CA, 1994-029CZ, 1994-029DU, 1994-029NH, 1994-029 PJ, 1994-029PM, 1994-029QD, 1994-029QW, 1994-029RY, 1994-029VJ, 1994-029VX, 1994-029VZ, 1994-029XG, 1994-029YC, 1994-029ZV, 1994-029ZX						
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						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 31 May 1997. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects were launched since the last report and remain in orbit:						
1997-020A	05 May 1997	100.467	86.4	780	643	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-020B	05 May 1997	100.467	86.4	780	643	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-020C	05 May 1997	100.467	86.4	780	640	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-020D	05 May 1997	100.467	86.4	780	641	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-020E	05 May 1997	100.467	86.4	780	641	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-020F	05 May 1997	100.2	86.90	951	601	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-025B	20 May 1997	108.6	26.3	1 672	656	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects were launched since the last report and remain in orbit:						
1997-025C	20 May 1997	648.8	19.5	35 759	1 138	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-026A	24 May 1997	632.6	51.7	35 845	222	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:						
1967-092K	25 Sept. 1967	106.5	89.2	1 100	1 027	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1965-048P	24 June 1965	106.2	90.1	1 127	978	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ABU	19 May 1994	104.84	81.7	1 369	605	Spent boosters, spent maneuvering 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 of 2400Z on 31 May 1997:						
NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on May 1997:						
1997-023A	15 May 1997	92.3	51.6	399	376	Reusable space transportation systems
The following objects identified on a previous report are no longer in orbit as of 2400Z on 31 May 1997:						
1989-089V, 1980-089Z, 1989-089BR, 1994-029CM, 1994-29NA, 1994-29PP, 1994-029QU, 1994-029RD, 1994-029RK, 1994-029SZ, 1994-029TW, 1994-029UX, 1994-029XB, 1994-029XP, 1994-029XU, 1994-029AAX						

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
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						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 30 June 1997. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space objects</i>
		<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
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:						
1994-029ABZ	19 May 1994	100.1	82.1	956	573	Spent boosters, spent maneuvering 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 of 2400Z on 30 June 1997:						
NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 June 1997:						
NONE						
The following objects identified on a previous report are no longer in orbit as of 2400Z on 30 June 1997:						
1989-089S, 1994-029BN, 1994-29BU, 1994-29QT, 1994-029QX, 1994-029RZ, 1994-029SY, 1994-029TG, 1994-029WZ, 1994-XF, 1994-029XK, 1994-029ZD						
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						