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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 26 April 1990 from the Permanent Representative
of the United States of America to the United Nations addressed to
the Secretary-General

The Permanent Representative of the United States of America to the United Nations presents his compliments to the Secretary-General of the United Nations and, in accordance with article IV of the 1975 Convention on Registration of Objects launched into Outer Space, has the honour to transmit the registration data for October to December 1989.

The following report supplements the registration data for
the United States launches as of 31 October 1989

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

International space object designation	Date of launch	Nodal period	Incli- nation (deg)	Apogee (km)	Perigee (km)	General function
<u>The following objects were launched since the last report and remain in orbit:</u>						
1989-084B	18 Oct.	No current elements				Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1989-084C	18 Oct.	576.6	34.2	32 770	312	Spent booster, spent manoeuvring stages, shrouds and other non-functional objects
1989-084D	18 Oct.	No current elements				
1989-085A	21 Oct.	723.2	54.77	20 461	20 161	Spacecraft engaged in practical application and uses of space technology such as weather or communications
1989-085B	21 Oct.	99.6	35.7	978	497	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1989-085C	21 Oct.	335.2	37.7	20 304	164	"
1989-069A	04 Sept.	1 436.1	6.1	35 799	35 777	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1989-069B	04 Sept.	1 436.3	5.0	35 808	35 771	"
1989-069D	04 Sept.	1 422.4	4.4	35 778	35 258	Spent boosters, spent manoeuvring stages, shrouds and non-functional objects
1989-077A	25 Sept.	1 436.5	5.0	35 802	35 787	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1989-077B	25 Sept.	599.5	28.5	34 172	175	Spent boosters, spent manoeuvring stages, shrouds and non-functional objects

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International space object designation	Date of launch	Nodal period	Incli- nation (deg)	Apogee (km)	Perigee (km)	General function
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The following objects not previously reported have been identified since the last report:

1976-077FQ	29 Jul.76	125.7	101.9	2 432	1 431	Spent boosters, spent manoeuvring stages, shrouds and non-functional objects
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The following objects achieved orbit since the last report, but are no longer in orbit as of 2400Z on 31 October 1989:

1989-084A	18 Oct.	90.8	34.3	332	297	Reusable space transportation systems
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The following objects are no longer in orbit as of 2400Z on 31 October 1989:

1962-BPSI3
1979-017FG
1979-017KX
1989-069C

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 October 1989:

1962B-PS13
1970-025HR
1972-058JE
1974-089AS
1975-004AZ
1977-065CA
1978-026X
1979-017FG
1979-017LH
1979-017KX
1989-067B
1989-067C

The following report supplements the registration data for
the United States launches as of 30 November 1989

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

International space object designation	Date of launch	Nodal period	Incli- nation (deg)	Apogee (km)	Perigee (km)	General function
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The following objects were launched since the last report and remain in orbit:

1989-089A	18 Nov.	102.8	99.0	893	884	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1989-089B	18 Nov.	99.9	97.1	812	697	Spent booster, spent manoeuvring stages, shrouds and other non-functional objects
1989-089C	18 Nov.	102.6	99.0	893	871	"
1989-089D	18 Nov.	102.8	99.0	893	885	"

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

1989-046E	14 Jun.	1 421.1	2.8	35 867	35 116	"
1970-025QE	8 Apr.	107.0	100.1	1 188	988	"
1976-077FR	29 Jul.	127.4	102.6	2 534	1 479	"
1980-014C	14 Feb.	89.6	28.5	257	255	"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 30 November 1989:

1989-014C	14 Feb.	89.6	28.5	257	255	"
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The following objects achieved orbit since the last report, but are no longer in orbit as of 2400Z on 30 November 1989:

1989-084A	23 Nov.	92.3	28.4	561	237	Reusable space transportation systems
1989-090A	23 Nov.	92.3	28.4	561	237	Reusable space transportation systems

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International space object designation	Date of launch	Nodal period	Incli- nation (deg)	Apogee (km)	Perigee (km)	General function
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The following objects identified in a previous report are no longer in orbit as of 2400Z on 30 November 1989:

1977-065CA
 1978-026X
 1979-017H
 1961-0MI-56
 1961-0MI-175
 1961-0MI-282
 1965-082J
 1965-082CT
 1965-082LN
 1966-056G
 1970-025NN
 1972-058HY
 1974-089BM
 1974-089FC
 1976-077M
 1979-017G
 1979-017FC
 1979-017HA

The following objects are no longer in orbit as of 2400Z on 30 November 1989:

1977-065CA
 1978-026X
 1979-017LH

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International space object designation	Date of launch	Nodal period	Incli- nation (deg)	Apogee (km)	Perigee (km)	General function
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The following objects were launched since the last report and remain in orbit:

1989-097A	11 Dec.	718.1	54.9	20 359	20 010	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1989-097B	11 Dec.	99.4	35.6	966	493	Spent booster, spent manoeuvring stages, shrouds and other non-functional objects
1989-097C	11 Dec.	349.4	37.6	19 952	154	"

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

1976-077FR	30 Jul.	127.4	102.6	2 536	1 477	"
1989-090B	23 Nov.	88.9	28.5	224	216	"
1989-090C	23 Nov.	89.9	28.5	224	216	"
1989-090D	23 Nov.	88.9	28.5	224	216	"
1979-053D	10 Jun.	1 449.2	7.0	37 355	34 731	"

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International space object designation	Date of launch	Nodal period	Incli- nation (deg)	Apogee (km)	Perigee (km)	General function
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The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 December 1989:

1965-048M
 1066-005L
 1966-034D
 1966-056G
 1969-082AH
 1969-082JD
 1974-089FC
 1980-014A
 1966-034D
 1969-082JD
 1989-013C
 1961-OMI-133
 1961-OMI-145
 1961-OMI-278
 1965-082-E
 1965-082-ED
 1966-056-CH
 1970-25-ME
 1970-25-PG
 1972-58-AY
 1972-58-BE
 1974-094-D
 1977-029-C
 1978-026-AB
 1978-026-DC
 1978-026-ES
 1979-017-BY
 1979-017-CC