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COMMITTEE ON THE PEACEFUL USES
OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH GENERAL ASSEMBLY
RESOLUTION 1721 B (XVI) BY STATES LAUNCHING OBJECTS INTO
ORBIT OR BEYOND

Letter dated 26 August 1970 from the Deputy Permanent Representative of
the United States of America addressed to the Secretary-General

In accordance with the provisions of part B, paragraphs 1 and 2, of United Nations General Assembly resolution 1721 (XVI), I enclose six monthly reports with registration data concerning objects launched into orbit or beyond by the United States of America during the period 1 January-30 June 1970. With these additions and deletions, Your Excellency will have received for the Committee on the Peaceful Uses of Outer Space and for the Public Registry a complete registry of all United States space vehicles in orbit or beyond as of 30 June 1970.

(Signed) William B. BUFFUM

REGISTRATION DATA FOR U.S. SPACE LAUNCHES

The following report supplements the registration data for U.S. space launches as of 2400Z on 31 January 1970

International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee (Kiloms.)	Perigee (Kiloms.)
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New objects in orbit

1970-02A	Titan III B/ Agena	A	Jan 14	89.8	109.9	407	126
1970-03A	Thor Delta	C	Jan 15	1,437.2	0.9	35,821	35,795
1970-03B	Thor Delta	D	Jan 15	631.6	28.0	35,747	267
1970-08A	Thor Delta	C	Jan 23	115.0	101.9	1,489	1,428
1970-08B	Thor Delta	C	Jan 23	115.0	101.9	1,482	1,434
1970-08C	Thor Delta	D	Jan 23	115.0	101.9	1,477	1,441

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

1969-82DN	Thor/Agena	D	Sept 30	99.3	69.7	844	615
1969-82DP	Thor/Agena	D	Sept 30	103.4	70.0	940	905
1969-82DQ	Thor/Agena	D	Sept 30	102.6	69.7	967	799
1969-82DR	Thor/Agena	D	Sept 30	102.0	70.3	946	768
1969-82DS	Thor/Agena	D	Sept 30	103.6	70.1	1,075	785
1969-82DT	Thor/Agena	D	Sept 30	102.5	70.1	911	847
1969-82DU	Thor/Agena	D	Sept 30	102.5	70.0	929	883
1969-82DV	Thor/Agena	D	Sept 30	102.0	70.0	910	806

The following objects were no longer in orbit as of 2400Z on 31 January 1970:

1965-21E
 1965-82FA
 1965-82JK
 1965-82SM
 1966-97B
 1967-20C
 1968-20B
 1968-52B
 1969-56A
 1969-54L
 1969-54R
 1969-54U
 1969-105A

REGISTRATION DATA FOR U.S. SPACE LAUNCHES

The following report supplements the registration data for U.S. space launches as of 2400Z on 28 February 1970

International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee (Kiloms.)	Perigee (Kiloms.)
New objects in orbit							
1970-09A	Thorad/Agena	A	Feb 4	105.1	99.1	1,009	998
1970-12A	Thor/Burner II	A	Feb 11	101.3	98.6	873	773
1970-12B	Thor/Burner II	D	Feb 11	101.3	98.7	874	771

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

1969-82DW	Thor/Agena D	D	Sept 30	100.3	69.9	851	696
1969-82DX	Thor/Agena D	D	Sept 30	95.8	69.6	629	489
1969-82DY	Thor/Agena D	D	Sept 30	105.4	70.3	1,218	814
1969-82DZ	Thor/Agena D	D	Sept 30	102.3	70.1	938	804
1969-82EA	Thor/Agena D	D	Sept 30	101.1	69.8	882	746

The following objects were no longer in orbit as of 2400Z on 28 February 1970:

1960-X13
 1963-14CK
 1965-82CM
 1965-82HV
 1965-82HK
 1965-82SG
 1965-82SQ
 1969-41B
 1969-64D
 1969-64K
 1969-64S
 1970-02A

REGISTRATION DATA FOR U.S. SPACE LAUNCHES

The following report supplements the registration data for U.S. space launches as of 2400Z on 31 March 1970

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International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee (Kiloms.)	Perigee (Kiloms.)
New objects in orbit							
1970-16B	Thor/Agena D	A	March 4	94.0	88.1	507	440
1970-21A	Delta	C	March 20	1,401.6	2.8	42,164	40,807
1970-21B	Delta	D	March 20	655.4	25.6	36,933	295

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

1969-82EB	Thor/Agena D	D	Sept 30	103.7	70.0	1,078	796
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The following objects were no longer in orbit as of 2400Z on 31 March 1970:

1958-Alpha 1
1965-82HA
1965-82MF
1965-82NE
1966-74B
1968-08B
1968-41B
1969-25A

Supplemental Information:

The following object achieved orbit since the previous report but is no longer in orbit as of 2400Z on 31 March 1970:

1970-16A	Thor/Agena D	A	March 4	88.4	88.4	227	225
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The following revision should be made in the report supplementing the registration data for U.S. space launches as of 2400Z on 30 September 1969 (see explanation below):

Change 1969-82B to 1969-82CZ and change the satellite category from A to D

The following revision should be made in the report supplementing the registration data for U.S. space launches as of 2400Z on 31 October 1969 (see explanation below):

Change 1969-82C to 1969-82DA
Change 1969-82D to 1969-82DC
Change 1969-82F to 1969-82CP
Change 1969-82G to 1969-82CW
Change 1969-82H to 1969-82DP
Change 1969-82J to 1969-82AL
Change 1969-82K to 1969-82AJ
Change 1969-82AL to 1969-82H and change the satellite category from D to A
Change 1969-82AJ to 1969-82J and change the satellite category from D to A
Change 1969-82E to 1969-82K and change the satellite category from D to A

The following revision should be made in the report supplementing the registration data for U.S. space launches as of 2400Z on 30 November 1969 (see explanation below):

Change 1969-82CZ to 1969-82B and change the satellite category from D to A
Change 1969-82DA to 1969-82C and change the satellite category from D to A
Change 1969-82DC to 1969-82D and change the satellite category from D to A
Change 1969-82CP to 1969-82E and change the satellite category from D to A
Change 1969-82CW to 1969-82F and change the satellite category from D to A

The following revision should be made in the report supplementing the registration data for U.S. space launches as of 2400Z on 31 January 1970 (see explanation below):

Change 1969-82DP to 1969-82G and change the satellite category from D to A

NOTE: The above revisions to previous reports are necessary as a result of redesignation of payloads and debris from the Thor/Agena launch of 30 September 1969 (International Designation 1969-82). The rocket body associated with this launch disintegrated before the nine payloads had separated enough to properly catalog and identify them. When the blow-up occurred, it could not be determined whether or not the payloads had blown up with the rocket body. The only identification that could properly be made of this launch were fragments. It was not until February 1970 that sufficient data had been acquired to designate and catalog the payloads and determine that the payloads had not disintegrated with the rocket body.

REGISTRATION DATA FOR U.S. SPACE LAUNCHES

The following report supplements the registration data for U.S. space launches as of 2400Z on 30 April 1970

International Designation	Launch Vehicle	Satellite Category	Date of Launch	Modal Period	Inclination	Apogee (Kiloms.)	Perigee (Kiloms.)
New objects in orbit							
1970-25A	Thor/Agena	C	April 8	107.1	99.8	1,101	1,093
1970-25B	Thor/Agena	C	April 8	107.0	99.8	1,092	1,085
1970-25C	Thor/Agena	D	April 8	106.7	99.8	1,087	1,064
1970-27A	Titan III C	A	April 8	6,728.7	32.4	112,224	111,147
1970-27B	Titan III C	A	April 8	6,743.3	32.5	112,203	111,509
1970-31A	Titan III B/ Agena	A	April 15	89.7	110.9	386	136
1970-32A	Delta	C	April 23	1,408.1	0.3	35,247	35,228
1970-32B	Delta	D	April 23	643.2	28.0	36,336	272

The following object not previously reported has been identified since the previous report:

1969-82EC	Thor/Agena	D	Sept 30	101.8	70.0	951	741
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The following objects were no longer in orbit as of 2400Z on 30 April 1970:

- 1965-82BP
- 1965-82EK
- 1965-82SD
- 1965-82SF
- 1967-20B

Supplemental Information:

The following objects achieved orbit since the previous report but are no longer in orbit as of 2400Z on 30 April 1970:

1970-29A	Saturn V	A	April 11
1970-29B	Saturn V	D	April 11

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REGISTRATION DATA FOR U.S. SPACE LAUNCHES

The following report supplements the registration data for U.S. space launches as of 2400Z on 31 May 1970

International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee (Kiloms.)	Perigee (Kiloms.)
New objects in orbit							
1970-40A	Thor/Agena	A	May 20	88.6	83.0	237	178
1970-40B	Thor/Agena	A	May 20	94.5	83.1	503	490

The following objects were no longer in orbit as of 2400Z on 31 May 1970:

- 1961-OMI-101
- 1962-Zeta-2
- 1963-14BF
- 1965-82V
- 1965-82GL
- 1965-82NL
- 1965-82RD
- 1969-82DX
- 1970-31A

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REGISTRATION DATA FOR U.S. SPACE LAUNCHES

The following report supplements the registration data for U.S. space launches as of 2400Z on 30 June 1970

International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee (Kiloms.)	Perigee (Kiloms.)
New objects in orbit							
1970-46A	Atlas/Agna	A	June 19	1,426.5	00.1	35,863	35,804
1970-48A	Titan III B/ Agna	A	June 25	89.6	108.8	387	128

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

1965-108F	Titan III C	D	Dec 21	223.2	26.5	11,411	210
1969-82ED	Thor/Agna	D	Sept 30	102.3	69.9	926	812
1969-82EE	Thor/Agna	D	Sept 30	102.5	70.2	898	860
1969-82EF	Thor/Agna	D	Sept 30	101.8	70.6	907	785
1969-82EG	Thor/Agna	D	Sept 30	102.5	70.0	917	846
1969-82EH	Thor/Agna	D	Sept 30	102.3	70.0	915	827
1969-82EJ	Thor/Agna	D	Sept 30	101.6	70.1	954	719
1969-82EK	Thor/Agna	D	Sept 30	101.7	70.0	917	768
1969-82EL	Thor/Agna	D	Sept 30	99.9	69.8	822	695

The following objects were no longer in orbit as of 2400Z on 30 June 1970:

1965-82U
1965-82QK
1968-84A
1970-40A