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COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH PARAGRAPH 1 OF RESOLUTION 1721 B (XVI)
BY STATES LAUNCHING OBJECTS INTO ORBIT OR BEYOND

Letter dated 6 March 1962 from the Acting Secretary-General addressed to the Chairman of the Committee on the Peaceful Uses of Outer Space, transmitting a communication dated 5 March 1962 from the Permanent Representative of the United States of America

Pursuant to the provisions of paragraph (1) of General Assembly ... resolution 1721 B (XVI), I have the honour to transmit herewith the text of a letter received on 5 March 1962 from the Permanent Representative of the United States of America together with registration data annexed thereto concerning objects launched into sustained orbit or beyond by the United States as of 15 February 1962.

Accept, etc.

(Signed) U Thant
Acting Secretary-General

Letter dated 5 March 1962 from the Permanent Representative of the United States of America addressed to the Acting Secretary-General

In accordance with Section B.1. of General Assembly resolution 1721 (XVI), I enclose registration data concerning objects launched into sustained orbit or beyond by the United States. This report presents a chronological census of seventy-two United States space vehicles and associated objects in sustained orbit or space transit as of 15 February 1962. The United States plans to submit reports on a bi-weekly basis to keep this information up-to-date.

These periodic reports are submitted for the information of the United Nations and to enable you to maintain a public registry of orbiting objects in accordance with Section B.2. of resolution 1721 (XVI). The establishment of such a registry marks another step forward in the direction of open and orderly conduct of outer space activities. Outer space is the province of all mankind and the United States believes that the benefits of the exploration and use of outer space should accrue to all. We therefore particularly welcome the establishment of this registry in the United Nations and are pleased to supply this information to open it.

As you are aware, the United States is also supplying information on launching vehicles and space craft of special interest to the Committee on Space Research of the International Council of Scientific Unions as well as directly to States which are participating with the United States in specific co-operative space activities. We hope of course that comparable information will be made available by others in accordance with resolution 1721 (XVI), as the value of the registry will depend largely on the co-operation of all concerned.

(Signed) Adlai E. Stevenson

REGISTRATION DATA FOR U.S. SPACE LAUNCHES

As of 15 February 1962

International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee	Perigee
1958 Alpha 1	Jupiter C	B	1 Feb 58	105.9	33.19	1706.3	384.4
1958 Beta 1	Vanguard	D	17 Mar 58	138.3	34.25	4260.8	708
1958 Beta 2	Vanguard	B	17 Mar 58	133.8	34.25	3937.9	648.6
1959 Alpha 1	Vanguard	B	17 Feb 59	125.3	32.87	3358	490.7
1959 Alpha 2	Vanguard	D	17 Feb 59	129.6	32.90	3642.8	582.5
1959 Eta 1	Vanguard	B	18 Sep 59	129.8	33.30	3697.5	543.8
1959 Nu*	Juno II	B	3 Mar 59	398D	0.127	1.1421AU	0.9871AU
1959 Iota 1	Juno II	B	13 Oct 59	101.1	50.31	1076.4	553.5
1959 Iota 2	Juno II	D	13 Oct 59	100.9	50.30	1058.7	551.9
1960 Alpha*	Thor-Able	B	11 Mar 60	311.6D	3.35	.9951AU	.8061AU
1960 Beta 1	Thor-Able	D	1 Apr 60	99.1	48.41	745	690.3
1960 Beta 2	Thor-Able	C	1 Apr 60	99.1	48.39	751.4	690.3
1960 Beta 3	Thor-Able	D	1 Apr 60	97.8	48.46	716	603.4
1960 Beta 4	Thor-Able	D	1 Apr 60	99.8	48.15	809.3	698.3
1960 Gamma 2	Thor-Able-Star	C	13 Apr 60	94.7	51.28	644.2	368
1960 Gamma 4	Thor-Able-Star	D	13 Apr 60	96.8	51.21	736.1	480.4
1960 Zeta 1	Atlas-Agena	A	24 May 60	94.2	33.01	498.8	480.6
1960 Eta 1	Thor-Able-Star	C	22 Jun 60	101.6	66.77	1044.6	626.2
1960 Eta 2	Thor-Able-Star	B	22 Jun 60	101.6	66.71	1054.2	614.6
1960 Eta 3	Thor-Able-Star	D	22 Jun 60	101.4	66.77	1033.6	616.4
1960 Iota 1	Thor-Delta	C	12 Aug 60	116.2	47.30	1966.2	1058.7
1960 Iota 2	Thor-Delta	D	12 Aug 60	118.0	47.22	1687.8	1499.6
1960 Iota 3	Thor-Delta	D	12 Aug 60	118.2	47.20	1687.8	1514.1
1960 Iota 4	Thor-Delta	D	12 Aug 60	118.2	47.23	1723.2	1483.5
1960 Iota 5	Thor-Delta	D	12 Aug 60	118.3	47.20	1705.5	1512.5
1960 Nu 1	Thor-Able-Star	C	4 Oct 60	106.9	28.26	1207.1	971.8
1960 Nu 2	Thor-Able-Star	D	4 Oct 60	106.4	28.22	1209	926.6

International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee	Perigee
1960 XI 1	Juno II	B	3 Nov 60	112.4	49.92	2267.1	415.1
1960 XI 2	Juno II	D	3 Nov 60	112.2	49.98	2249.4	411.9
1960 XI 3	Juno II	D	3 Nov 60	110.8	49.39	2133.5	402.3
1960 XI 4	Juno II	D	3 Nov 60	111.7	50.52	2189.8	421.6
1960 PI 1	Delta	C	23 Nov 60	98.2	48.57	741.7	608.2
1960 PI 2	Delta	D	23 Nov 60	98.1	48.57	732.1	608.2
1960 PI 3	Delta	D	23 Nov 60	98.1	48.46	728.9	616.2
1960 PI 4	Delta	D	23 Nov 60	98.3	48.51	732.1	625.9
1961 Alpha 1	Atlas-Agena	A	31 Jan 61	94.9	97.38	545.6	474.3
1961 Alpha 2	Atlas-Agena	D	31 Jan 61	94.9	97.35	542.4	474.5
1961 Delta 1	Scout	B	16 Feb 61	118.1	38.81	2448.9	749.8
1961 Delta 2	Scout	D	16 Feb 61	118.5	38.77	2582.4	651.6
1961 Delta 3	Scout	D	16 Feb 61	118.1	38.87	2502	704.7
1961 Delta 4	Scout	D	16 Feb 61	POSITION UNCERTAIN			
1961 Epsilon 1	Thor-Agena	A	17 Feb 61	92.8	80.84	545.3	267.9
1961 Zeta 1	Thor-Agena	A	18 Feb 61	92.6	80.73	559.1	234.6
1961 Kappa 1	Thor-Delta	B	25 Mar 61	POSITION UNCERTAIN			
1961 Lambda 1	Thor-Agena	A	8 Apr 61	91.6	82.26	429.1	266.8
1961 Lambda 2	Thor-Agena	D	8 Apr 61	95.1	81.88	847.3	191.1
1961 Nu 1	Juno II	B	27 Apr 61	107.8	28.78	1782.8	487.5
1961 Omicron 1	Thor-Able-Star	C	29 Jun 61	103.8	66.81	997.7	880.3
1961 Omicron 2	Thor-Able-Star	A	29 Jun 61	103.8	66.82	996.6	882.2
1961 Omicron 3	Thor-Able-Star	D	29 Jun 61	103.4	66.82	984.2	851.8
1961 Rho 1	Thor-Delta	C	12 Jul 61	100.3	47.90	820.6	735.3
1961 Rho 2	Thor-Delta	D	12 Jul 61	100.3	47.85	807.7	743.4
1961 Rho 3	Thor-Delta	D	12 Jul 61	98.8	47.92	804.5	605
1961 Rho 4	Thor-Delta	D	12 Jul 61	101.9	47.89	934.8	772.3
1961 Sigma 1	Atlas-Agena	A	12 Jul 61	161.5	91.15	3544.3	3344.1
1961 Sigma 3	Atlas-Agena	D	12 Jul 61	161.2	91.14	3541.7	3318.4
1961 Sigma 4	Atlas-Agena	D	12 Jul 61	161.9	91.17	3552	3368.6

International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee	Perigee
1961 Upsilon 1	Delta	B	16 Aug 60	1587.3	33.43	76632	773.9
1961 Alpha Delta 1	Atlas-Agena	A	21 Oct 61	166.0	95.88	3746.9	3503
1961 Alpha Delta 3	Atlas-Agena	D	21 Oct 61	165.6	95.87	3715	3503
1961 Alpha Delta 4	Atlas-Agena	D	21 Oct 61	166.4	95.90	3761.8	3521.3
1961 Alpha Epsilon 1	Thor-Agena	A	5 Nov 61	96.2	82.52	919.2	225.6
1961 Alpha Eta 1	Thor-Able-Star	C	15 Nov 61	105.6	32.43	1108.3	953.3
1961 Alpha Eta 2	Thor-Able-Star	B	15 Nov 61	105.6	32.43	1116.5	947
1961 Alpha Eta 3	Thor-Able-Star	D	15 Nov 61	105.5	32.41	1103.3	945.6
1961 Alpha Kappa 1	Thor-Agena	A	12 Dec 61	90.8	81.22	404.8	217
1961 Alpha Kappa 2	Thor-Agena	A	12 Dec 61	88.2	81.14	180.5	179.9
1962 Alpha 1*	Atlas-Agena	B	26 Jan 62	406.4D	.3988	1.163AU	0.9839AU
1962 Beta 1	Delta	C	8 Feb 62	100.3	48.25	838.3	711.2
1962 Beta 2	Delta	D	8 Feb 62	101.4	48.44	947.7	706.3
1962 Beta 3	Delta	D	8 Feb 62	99.4	48.44	767.5	701.5
1962 Beta 4	Delta	D	8 Feb 62	100.2	48.26	841.5	706.3

*Aphelion, Perihelion in Astronomical Units, Inclination to Ecliptic, Nodal Period in Days.

Satellite Category

- A. Development of spaceflight techniques and technology
- B. Space research and exploration
- C. Practical applications of space based technology
- D. Non-functional objects

Nodal Period in minutes

Inclination to equator in degrees

Apogee and Perigee in kilometres

Date of Launch based on Greenwich Universal Time