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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 3 August 1962 from the Deputy Representative of the United States of America addressed to the Acting Secretary-General

In accordance with the provisions of paragraphs 1 and 2 of General Assembly resolution 1721 (XVI), I enclose registration data concerning objects launched into orbit or beyond by the United States. With these additions and deletions in the record, you 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 and associated objects in orbit or space transit as of 1200Z 30 June 1962.

In addition, there is included supplemental information concerning the only United States space vehicle which was launched between our previous report (as of 15 June 1962) and 30 June 1962 and which achieved orbit, but was no longer in orbit as of 1200Z 30 June 1962.

I also enclose a comprehensive report constituting a complete registry of all United States space vehicles and associated objects in orbit or space transit together with their orbital characteristics revised as of 1200Z 30 June 1962. Similar comprehensive reports, in addition to the regular bi-weekly registrations, will henceforth be submitted semi-annually.

Accept, etc.

(Signed) Charles W. Yost

62-17517

REGISTRATION DATA FOR U.S. SPACE LAUNCHES

The following report supplements the registration data for U.S. space launches as of 1200Z on 30 June 1962

International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee	Perigee
1962 Omega 1	Thor/Agena	A	18 Jun 62	92.4	82.11	408.4	366.7
1962 Omega 2	Thor/Agena	D	18 Jun 62	91.7	82.11	354.6	353.9
1962 Omega 3	Thor/Agena	D	18 Jun 62	91.7	82.06	360.5	351.2
1962 A-Alpha 1	Thor-Delta	C	19 Jun	100.5	58.08	976	586
1962 A-Alpha 2	Thor-Delta	D	19 Jun	100.4	58.08	973	584
1962 A-Alpha 3	Thor-Delta	D	19 Jun	101.7	58.18	1089	594
1962 A-Alpha 4	Thor-Delta	D	19 Jun	99.1	57.99	867	567
1962 A-Beta 1	Thor/Agena	A	23 Jun 62	89.0	75.09	240.6	209.0
1962 A-Gamma 1	Thor/Agena	A	23 Jun 62	93.6	76.04	640.2	210.2

The following objects were no longer in orbit as of 1200Z on 30 June 1962: 1962 Chi 1
1962 Chi 2

Supplemental Information:

In addition, since the submission of its last registration report as of 15 June 1962, the United States has launched the following space vehicle which achieved orbit, but is not in orbit as of 1200Z on 30 June 1962.

International Designation	Launch Vehicle	Satellite Category	Date of Launch
1962 Psi 1	Atlas	A	17 Jun 62

REGISTRATION DATA FOR U.S. SPACE LAUNCHES

As of 30 June 1962

International Designation	Launch Vehicle	Satellite Category [1]	Date of Launch [5]	Nodal Period [2]	Inclination [3]	Apogee [4]	Perigee [4]
1958 Alpha 1	Jupiter C	B	1 Feb 58	105.6	33.20	1697.6	358.8
1958 Beta 1	Vanguard	D	17 Mar 58	138.2	34.24	4324.7	639.1
1958 Beta 2	Vanguard	B	17 Mar 58	133.8	34.24	3948.6	638.5
1959 Alpha 1	Vanguard	B	17 Feb	125.2	32.84	3292	551
1959 Alpha 2	Vanguard	D	17 Feb	129.5	32.89	3658	560
1959 Eta 1	Vanguard	B	18 Sep	129.7	33.31	3743	493
1959 Nu 1*	Juno II	B	3 Mar	398D	1.30	1.142AU	0.9871AU
1959 Iota 1	Juno II	B	13 Oct	101.1	50.29	1071	557
1959 Iota 2	Juno II	D	13 Oct	100.9	50.28	1057	552
1960 Alpha 1*	Thor-Able	B	11 Mar	311.6D	3.35	.995AU	.8061AU
1960 Beta 1	Thor-Able	D	1 Apr	99.1	48.37	726	708
1960 Beta 2	Thor-Able	C	1 Apr	99.1	48.38	745	696
1960 Beta 3	Thor-Able	B	1 Apr	97.8	48.49	703	614
1960 Beta 4	Thor-Able	D	1 Apr	99.8	48.16	809	699
1960 Gamma 2	Thor-Ablestar	C	13 Apr 60	94.5	51.26	632.8	361.9
1960 Gamma 4	Thor-Ablestar	D	13 Apr 60	96.8	51.24	739.4	473.8

1/ 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.

2/ Nodal Period in minutes.

3/ Inclination to equator in degrees.

4/ Apogee and Perigee in kilometres.

5/ Date of Launch based on Greenwich Universal Time.

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

International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee	Perigee
1960 Zeta 1	Atlas/Agena	A	24 May 60	94.2	33.03	500.8	476.5
1960 Eta 1	Thor-Ablestar	C	22 Jun 60	106.6	66.69	1057.4	613.4
1960 Eta 2	Thor-Ablestar	B	22 Jun 60	101.6	66.69	1057.2	611.6
1960 Eta 3	Thor-Ablestar	D	22 Jun 60	101.4	66.66	1036.9	615.0
1960 Iota 1	Thor-Delta	C	12 Aug	116.0	47.19	1763	1246
1960 Iota 2	Thor-Delta	D	12 Aug	118.0	47.24	1669	1519
1960 Iota 3	Thor-Delta	D	12 Aug	118.2	47.21	1678	1526
1960 Iota 4	Thor-Delta	D	12 Aug		INSUFFICIENT OBSERVATIONS		
1960 Iota 5	Thor-Delta	D	12 Aug	118.3	47.26	1682	1537
1960 Nu 1	Thor-Ablestar	C	4 Oct 60	106.9	28.34	1216.8	962.1
1960 Nu 2	Thor-Ablestar	D	4 Oct 60	106.4	28.28	1203.9	932.1
1960 Xi 1	Juno II	B	3 Nov	112.4	49.95	2260	421
1960 Xi 2	Juno II	D	3 Nov	112.1	49.96	2227	428
1960 Xi 3	Juno II	D	3 Nov	110.5	49.39	2100	402
1960 Xi 4	Juno II	D	3 Nov	111.3	50.51	2156	422
1960 Pi 1	Delta	C	23 Nov	98.2	48.52	725	625
1960 Pi 2	Delta	D	23 Nov	98.1	48.51	732	607
1960 Pi 3	Delta	D	23 Nov	98.1	48.53	723	621
1960 Pi 4	Delta	D	23 Nov	98.2	48.52	737	621
1961 Alpha 1	Atlas/Agena	A	31 Jan 61	94.9	97.38	547.4	470.3
1961 Alpha 2	Atlas/Agena	D	31 Jan 61	94.8	97.37	542.5	471.2
1961 Delta 1	Scout	B	16 Feb	117.9	38.82	2439	743
1961 Delta 2	Scout	D	16 Feb	118.4	38.86	2580	653
1961 Delta 3	Scout	D	16 Feb		INSUFFICIENT OBSERVATIONS		
1961 Epsilon 1	Thor/Agena	A	17 Feb 61	90.3	80.83	332.3	242.1
1961 Kappa 1	Thor-Delta	B	25 Mar		POSITION UNCERTAIN		
1961 Nu 1	Juno II	B	27 Apr	107.8	28.80	1763	506
1961 Omicron 1	Thor-Ablestar	C	29 Jun 61	103.8	66.81	1005.3	873.0
1961 Omicron 2	Thor-Ablestar	A	29 Jun 61	103.8	66.81	1003.3	876.0
1961 Omicron 3	Thor-Ablestar	D	29 Jun 61	103.3	66.76	987.7	848.5
1961 Rho 1	Thor-Delta	C	12 Jul	100.3	47.89	821	735
1961 Rho 2	Thor-Delta	D	12 Jul	100.3	47.89	810	741
1961 Rho 3	Thor-Delta	D	12 Jul	98.8	47.94	796	613
1961 Rho 4	Thor-Delta	D	12 Jul	101.9	47.86	939	769
1961 Sigma 1	Atlas/Agena	A	12 Jul 61	161.5	91.15	3533.9	3356.3
1961 Sigma 3	Atlas/Agena	D	12 Jul 61	161.2	91.10	3537.1	3324.6
1961 Sigma 4	Atlas/Agena	D	12 Jul 61	161.9	91.18	3566.4	3355.4
1961 Upsilon 1	Delta	B	16 Aug		INSUFFICIENT OBSERVATIONS		

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International Designation	Launch Vehicle	Satellite Category	Date of Launch	Nodal Period	Inclination	Apogee	Perigee
1961 A-Delta 1	Atlas/Agena	A	21 Oct 61	166.0	95.86	3750.0	3501.6
1961 A-Delta 3	Atlas/Agena	D	21 Oct 61	165.6	95.85	3718.0	3501.6
1961 A-Delta 4	Atlas/Agena	D	21 Oct 61	166.4	95.86	3772.6	3512.4
1961 A-Epsilon 1	Thor/Agena	A	5 Nov 61	94.0	82.44	709.0	223.4
1961 A-Eta 1	Thor-Ablestar	C	15 Nov 61	105.6	32.42	1119.7	942.5
1961 A-Eta 2	Thor-Ablestar	B	15 Nov 61	105.6	32.42	1128.0	936.3
1961 A-Eta 3	Thor-Ablestar	D	15 Nov 61	105.5	32.43	1099.5	949.7
1961 A-Lambda 1	Atlas/Agena	D	22 Dec 61	91.3	89.64	461.6	212.2
1962 Alpha 1*	Atlas-Agena	B	26 Jan	406.4D	.3988	1.163AU	0.9839AU
1962 Alpha 2	Atlas-Agena	D	26 Jan	INSUFFICIENT OBSERVATION			
1962 Beta 1	Delta	C	8 Feb	100.3	48.29	839	714
1962 Beta 2	Delta	D	8 Feb	101.3	48.16	931	715
1962 Beta 3	Delta	D	8 Feb	99.4	48.43	760	708
1962 Beta 4	Delta	D	8 Feb	100.2	48.30	830	718
1962 Zeta 1	Thor-Delta	B	7 Mar	95.9	32.81	590	551
1962 Zeta 2	Thor-Delta	D	7 Mar	96.0	32.82	599	550
1962 Eta 1	Atlas/Agena	A	7 Mar 62	93.1	90.85	617.6	232.6
1962 Eta 3	Atlas/Agena	D	7 Mar 62	92.5	90.85	555.0	229.2
1962 Kappa 1	Atlas	B	9 Apr 62	153.0	86.68	3380.0	2813.6
1962 Kappa 3	Atlas	D	9 Apr 62	152.7	86.65	3367.0	2796.3
1962 Kappa 4	Atlas	D	9 Apr 62	153.4	86.65	3438.2	2784.6
1962 Mu 2	Atlas-Agena	D	23 Apr	INSUFFICIENT OBSERVATION			
1962 Omicron 1	Delta	B	26 Apr	100.8	53.87	1205	396
1962 Omicron 2	Delta	D	26 Apr	100.9	53.88	1209	394
1962 Sigma 1	Thor/Agena	A	15 May 62	93.8	82.31	627.8	287.4
1962 Sigma 2	Thor/Agena	D	15 May 62	90.4	82.27	308.3	277.4
1962 Sigma 3	Thor/Agena	D	15 May 62	91.8	82.23	442.3	274.0
1962 Omega 1	Thor/Agena	A	18 Jun 62	92.4	82.11	408.4	366.7
1962 Omega 2	Thor/Agena	D	18 Jun 62	91.7	82.11	354.6	353.9
1962 Omega 3	Thor/Agena	D	18 Jun 62	91.7	82.06	360.5	351.2
1962 A-Alpha 1	Thor-Delta	C	19 Jun	100.5	58.08	976	586
1962 A-Alpha 2	Thor-Delta	D	19 Jun	100.4	58.08	973	584
1962 A-Alpha 3	Thor-Delta	D	19 Jun	101.7	58.18	1089	594
1962 A-Alpha 4	Thor-Delta	D	19 Jun	99.1	57.99	867	567
1962 A-Beta 1	Thor/Agena	A	23 Jun 62	89.0	75.09	240.6	209.0
1962 A-Gamma 1	Thor/Agena	A	28 Jun 62	93.6	76.04	640.0	210.2