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Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 11 August 2022 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), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit registration data on objects launched into outer space by the United States for April 2022 (see annex).[1]

The United States requests that the space objects contained in the annex to the present document be placed on the Register of Objects Launched into Outer Space maintained by the United Nations. In submitting this request, the United States notes that, consistent with its long-standing registration practice, the United States is not necessarily a launching State for each of the space objects it registers. The United States makes this request in the spirit of contributing to the practical effectiveness of the treaties and is providing information to the greatest extent practicable.

[1] The data on space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 15 August 2022.

Annex

Registration data on space launches by the United States of America for April 2022*

The following report supplements the registration data on United States space launches as at 30 April 2022.

International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*	*Date of decay*
				Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*		
The following objects were launched after the last report and remained in orbit as at 2359Z on 30 April 2022:									
2022-033B	Gnomes-3	1 April 2022	AFETR	97.63	97.95	655	636	C	-
2022-033F	Lynk Tower 1	1 April 2022	AFETR	94.67	97.39	511	494	C	-
2022-033H	SpaceBEE-136	1 April 2022	AFETR	94.61	97.38	507	492	C	-
2022-033J	Hawk-4B	1 April 2022	AFETR	94.64	97.39	509	493	C	-
2022-033K	SpaceBEE-138	1 April 2022	AFETR	94.61	97.38	508	491	C	-
2022-033L	Hawk-4A	1 April 2022	AFETR	94.64	97.38	509	493	C	-
2022-033P	Hawk-4C	1 April 2022	AFETR	94.64	97.39	510	492	C	-
2022-033V	SpaceBEE-130	1 April 2022	AFETR	94.62	97.38	506	494	C	-
2022-033W	SpaceBEE-139	1 April 2022	AFETR	94.63	97.38	509	492	C	-
2022-033Y	SpaceBEE-129	1 April 2022	AFETR	94.63	97.38	508	494	C	-
2022-033Z	SpaceBEE-134	1 April 2022	AFETR	94.63	97.38	508	493	C	-
2022-033AA	SpaceBEE-131	1 April 2022	AFETR	94.63	97.38	508	493	C	-
2022-033AB	SpaceBEE-128	1 April 2022	AFETR	94.63	97.38	508	493	C	-
2022-033AC	SpaceBEE-133	1 April 2022	AFETR	94.63	97.38	508	493	C	-
2022-033AE	SpaceBEE-132	1 April 2022	AFETR	94.62	97.38	507	493	C	-
2022-033AF	SpaceBEE-137	1 April 2022	AFETR	94.63	97.38	508	493	C	-
2022-033AG	SpaceBEE-135	1 April 2022	AFETR	94.62	97.38	507	493	C	-
2022-034B	Global-18	2 April 2022	RLLC	93.22	53	443	422	C	-
2022-034C	Global-20	2 April 2022	RLLC	93.14	53.01	437	419	C	-
2022-040A	USA 327	17 April 2022	AFWTR	107.5	63.46	1 209	1 013	C	-
2022-041A	Starlink-3810	21 April 2022	AFETR	91.79	53.22	363	361	C	-
2022-041B	Starlink-3761	21 April 2022	AFETR	91.79	53.22	363	361	C	-
2022-041C	Starlink-3786	21 April 2022	AFETR	91.79	53.22	363	361	C	-
2022-041D	Starlink-3795	21 April 2022	AFETR	91.79	53.22	363	361	C	-
2022-041E	Starlink-3740	21 April 2022	AFETR	91.79	53.22	363	361	C	-
2022-041F	Starlink-3739	21 April 2022	AFETR	91.78	53.22	363	361	C	-

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

International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*	*Date of decay*
				Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*		
2022-041G	Starlink-3748	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041H	Starlink-3746	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041J	Starlink-3791	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041K	Starlink-3804	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041L	Starlink-3788	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041M	Starlink-3781	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041N	Starlink-3782	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041P	Starlink-3790	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041Q	Starlink-3784	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041R	Starlink-3778	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041S	Starlink-3787	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041T	Starlink-3780	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041U	Starlink-3686	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041V	Starlink-3764	21 April 2022	AFETR	91.78	53.22	363	360	C	-
2022-041W	Starlink-3779	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041X	Starlink-3783	21 April 2022	AFETR	91.53	53.21	351	348	C	-
2022-041Y	Starlink-3789	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041Z	Starlink-3561	21 April 2022	AFETR	91.53	53.21	351	348	C	-
2022-041AA	Starlink-3775	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041AB	Starlink-3802	21 April 2022	AFETR	91.53	53.21	351	348	C	-
2022-041AC	Starlink-3822	21 April 2022	AFETR	91.78	53.22	363	361	C	-
2022-041AD	Starlink-3776	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AE	Starlink-3751	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AF	Starlink-3772	21 April 2022	AFETR	91.53	53.21	351	348	C	-
2022-041AG	Starlink-3773	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AH	Starlink-3753	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AJ	Starlink-3771	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AK	Starlink-3777	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AL	Starlink-3765	21 April 2022	AFETR	91.53	53.21	351	348	C	-
2022-041AM	Starlink-3766	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AN	Starlink-3758	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AP	Starlink-3760	21 April 2022	AFETR	91.53	53.22	351	348	C	-

International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*	*Date of decay*
				Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*		
2022-041AQ	Starlink-3759	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AR	Starlink-3769	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AS	Starlink-3768	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AT	Starlink-3564	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AU	Starlink-3742	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AV	Starlink-3744	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AW	Starlink-3724	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AX	Starlink-3747	21 April 2022	AFETR	91.53	53.21	351	348	C	-
2022-041AY	Starlink-3755	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041AZ	Starlink-3745	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041BA	Starlink-3756	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041BB	Starlink-3688	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041BC	Starlink-3750	21 April 2022	AFETR	91.53	53.21	351	348	C	-
2022-041BD	Starlink-3752	21 April 2022	AFETR	91.53	53.22	351	348	C	-
2022-041BE	Starlink-3749	21 April 2022	AFETR	91.53	53.21	351	348	C	-
2022-042A	Dragon Freedom	27 April 2022	AFETR	92.9	51.64	421	412	E	-
2022-045A	Starlink-3889	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045B	Starlink-3831	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045C	Starlink-3847	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045D	Starlink-3880	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045E	Starlink-3814	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045F	Starlink-3823	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045G	Starlink-3797	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045H	Starlink-3815	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045J	Starlink-3792	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045K	Starlink-3818	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045L	Starlink-3843	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045M	Starlink-3850	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045N	Starlink-3849	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045P	Starlink-3851	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045Q	Starlink-3852	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045R	Starlink-3812	29 April 2022	AFETR	91.53	53.21	351	349	C	-

International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*	*Date of decay*
				Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*		
2022-045S	Starlink-3826	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045T	Starlink-3829	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045U	Starlink-3819	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045V	Starlink-3754	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045W	Starlink-3816	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045X	Starlink-3838	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045Y	Starlink-3807	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045Z	Starlink-3876	29 April 2022	AFETR	91.54	53.21	350	349	C	-
2022-045AA	Starlink-3877	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045AB	Starlink-3801	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045AC	Starlink-3821	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045AD	Starlink-3837	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045AE	Starlink-3853	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045AF	Starlink-3824	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045AG	Starlink-3728	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045AH	Starlink-3848	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045AJ	Starlink-3830	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045AK	Starlink-3820	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045AL	Starlink-3874	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045AM	Starlink-3808	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045AN	Starlink-3817	29 April 2022	AFETR	91.54	53.21	350	349	C	-
2022-045AP	Starlink-3834	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045AQ	Starlink-3841	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045AR	Starlink-3827	29 April 2022	AFETR	91.54	53.21	350	349	C	-
2022-045AS	Starlink-3798	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045AT	Starlink-3796	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045AU	Starlink-3550	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045AV	Starlink-3762	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045AW	Starlink-3785	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045AX	Starlink-3767	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045AY	Starlink-3805	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045AZ	Starlink-3806	29 April 2022	AFETR	91.54	53.21	351	349	C	-

International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*	*Date of decay*
				Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*		
2022-045BA	Starlink-3800	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045BB	Starlink-3793	29 April 2022	AFETR	91.53	53.21	351	349	C	-
2022-045BC	Starlink-3803	29 April 2022	AFETR	91.54	53.21	351	349	C	-
2022-045BD	Starlink-3799	29 April 2022	AFETR	91.53	53.21	350	349	C	-
2022-045BE	Starlink-3811	29 April 2022	AFETR	91.54	53.21	351	349	C	-
The following objects not previously reported were identified after the last report and remained in orbit as at 2359Z on 30 April 2022:									
2018-104H	CP11 (ISX)	16 December 2018	RLLC	94.39	85.03	497	481	C	-
The following objects achieved orbit after the last report but were no longer in orbit as at 2359Z on 30 April 2022:									
2022-037A	AXIOM-1	8 April 2022	AFETR	90.79	51.64	402	225	E	25 April 2022
The following objects were launched after the last report but did not achieve orbit:									
None.									
The following objects identified in a previous report were no longer in orbit as at 2359Z on 30 April 2022:									
2022-029X	-	-	-	-	-	-	-	-	1 April 2022
2017-042AV	-	-	-	-	-	-	-	-	2 April 2022
2020-073BL	-	-	-	-	-	-	-	-	2 April 2022
2020-088AA	-	-	-	-	-	-	-	-	3 April 2022
1998-067QZ	-	-	-	-	-	-	-	-	4 April 2022
2017-042BF	-	-	-	-	-	-	-	-	4 April 2022
2017-042BL	-	-	-	-	-	-	-	-	4 April 2022
2017-042AG	-	-	-	-	-	-	-	-	6 April 2022
2017-042BN	-	-	-	-	-	-	-	-	6 April 2022
2017-042AR	-	-	-	-	-	-	-	-	7 April 2022
1993-050C	-	-	-	-	-	-	-	-	8 April 2022
2020-006AK	-	-	-	-	-	-	-	-	8 April 2022
2020-074AG	-	-	-	-	-	-	-	-	8 April 2022
1998-067RS	-	-	-	-	-	-	-	-	9 April 2022
2020-088BC	-	-	-	-	-	-	-	-	9 April 2022
2020-070AN	-	-	-	-	-	-	-	-	10 April 2022
2017-042AL	-	-	-	-	-	-	-	-	13 April 2022
2017-042AK	-	-	-	-	-	-	-	-	16 April 2022
2022-029AS	-	-	-	-	-	-	-	-	16 April 2022
2020-070BL	-	-	-	-	-	-	-	-	17 April 2022
2022-029AU	-	-	-	-	-	-	-	-	17 April 2022

International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Basic orbital characteristics*				*General function of the space object*	*Date of decay*
				Nodal period (minutes)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*		
2022-029M	-	-	-	-	-	-	-	-	17 April 2022
2022-029K	-	-	-	-	-	-	-	-	18 April 2022
2022-029S	-	-	-	-	-	-	-	-	18 April 2022
2017-042BS	-	-	-	-	-	-	-	-	19 April 2022
2017-042BV	-	-	-	-	-	-	-	-	20 April 2022
2019-036S	-	-	-	-	-	-	-	-	20 April 2022
2021-009F	-	-	-	-	-	-	-	-	22 April 2022
2021-017AN	-	-	-	-	-	-	-	-	23 April 2022
2021-041AP	-	-	-	-	-	-	-	-	23 April 2022
2017-042BX	-	-	-	-	-	-	-	-	24 April 2022
2020-088AL	-	-	-	-	-	-	-	-	24 April 2022
2017-042AF	-	-	-	-	-	-	-	-	27 April 2022
1998-067RF	-	-	-	-	-	-	-	-	30 April 2022
2020-070AR	-	-	-	-	-	-	-	-	30 April 2022
2020-074BL	-	-	-	-	-	-	-	-	30 April 2022
2021-017AK	-	-	-	-	-	-	-	-	30 April 2022
2021-017AV	-	-	-	-	-	-	-	-	30 April 2022
The following objects were not previously reported and were no longer in orbit as at 2359Z on 30 April 2022:									
1998-067SX	SPACE HAUC	12 October 2021	ISS	88.58	51.61	212	196	C	11 April 2022
Revisions that should be made to previously reported data:									
None.									

Abbreviations and key

Location of the launch: AFETR, United States Air Force Eastern Test Range; AFWTR, United States Air Force Western Test Range; ISS, International Space Station; RLLC, Rocket Lab Launch Complex, New Zealand.

General function of the space object:

A Spacecraft engaged in investigation of spaceflight techniques and technology

B Spacecraft engaged in research and exploration of the upper atmosphere

C Spacecraft engaged in practical applications and uses of space technology such as weather or communications

D Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

E Reusable space transportation systems