

**Secretariat**Distr.: General
14 August 2025

Original: English

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

Note verbale dated 4 August 2025 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 March and April 2025 (see annexes I and II).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 the space objects referenced in the annexes were entered into the Register of Objects Launched into Outer Space on 8 August 2025.



Registration data on space launches by the United States of America for March 2025*

The following report supplements the registration data on United States space launches as at 31 March 2025.

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 31 March 2025:									
2025-043A	Starlink-11609	3 March 2025	AFETR	91.67	43	358	356	C	-
2025-043B	Starlink-11604	3 March 2025	AFETR	91.67	43	358	355	C	-
2025-043C	Starlink-11605	3 March 2025	AFETR	91.67	43	358	356	C	-
2025-043D	Starlink-11610	3 March 2025	AFETR	91.67	43	358	355	C	-
2025-043E	Starlink-11613	3 March 2025	AFETR	91.67	43	358	355	C	-
2025-043F	Starlink-11616	3 March 2025	AFETR	91.67	43	357	356	C	-
2025-043G	Starlink-11611	3 March 2025	AFETR	91.67	43	357	356	C	-
2025-043H	Starlink-11628	3 March 2025	AFETR	91.67	42.99	357	356	C	-
2025-043J	Starlink-11607	3 March 2025	AFETR	91.67	43	358	355	C	-
2025-043K	Starlink-11522	3 March 2025	AFETR	91.67	43	358	356	C	-
2025-043L	Starlink-11503	3 March 2025	AFETR	91.67	43	358	355	C	-
2025-043M	Starlink-11579	3 March 2025	AFETR	91.67	43	358	355	C	-
2025-043N	Starlink-11581	3 March 2025	AFETR	91.67	43	357	356	C	-
2025-043P	Starlink-32949	3 March 2025	AFETR	93.46	43	445	443	C	-
2025-043Q	Starlink-32952	3 March 2025	AFETR	94.27	43	484	482	C	-
2025-043R	Starlink-32936	3 March 2025	AFETR	94.22	43	482	479	C	-
2025-043S	Starlink-32937	3 March 2025	AFETR	93.46	43	445	443	C	-
2025-043T	Starlink-32939	3 March 2025	AFETR	93.46	43	445	443	C	-
2025-043U	Starlink-32919	3 March 2025	AFETR	93.47	43	445	443	C	-
2025-043V	Starlink-32876	3 March 2025	AFETR	93.46	43.01	445	443	C	-
2025-043W	Starlink-32915	3 March 2025	AFETR	94.27	43.01	484	482	C	-
2025-047A	PUNCH-NFI00	12 March 2025	AFWTR	97.69	97.96	657	639	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)		
2025-047B	PUNCH-WFI01	12 March 2025	AFWTR	97.7	97.96	657	640	C	-
2025-047C	PUNCH-WFI03	12 March 2025	AFWTR	97.72	97.95	658	641	C	-
2025-047D	PUNCH-WFI02	12 March 2025	AFWTR	97.74	97.96	658	643	C	-
2025-047E	SPHEREx	12 March 2025	AFWTR	97.77	97.96	661	644	C	-
2025-048A	Starlink-11602	13 March 2025	AFETR	91.26	43	338	335	C	-
2025-048B	Starlink-11617	13 March 2025	AFETR	91.26	43	338	335	C	-
2025-048C	Starlink-11618	13 March 2025	AFETR	91.26	42.99	337	336	C	-
2025-048D	Starlink-11646	13 March 2025	AFETR	91.26	43	338	335	C	-
2025-048E	Starlink-11622	13 March 2025	AFETR	91.26	43	338	335	C	-
2025-048F	Starlink-11642	13 March 2025	AFETR	91.26	43	338	335	C	-
2025-048G	Starlink-11639	13 March 2025	AFETR	91.26	42.99	338	335	C	-
2025-048H	Starlink-11637	13 March 2025	AFETR	91.26	43	339	334	C	-
2025-048J	Starlink-11647	13 March 2025	AFETR	91.26	43	338	335	C	-
2025-048K	Starlink-11643	13 March 2025	AFETR	91.27	43	338	336	C	-
2025-048L	Starlink-11635	13 March 2025	AFETR	91.26	43	338	335	C	-
2025-048M	Starlink-11636	13 March 2025	AFETR	91.27	43	340	334	C	-
2025-048N	Starlink-11631	13 March 2025	AFETR	91.26	43	338	335	C	-
2025-048P	Starlink-32946	13 March 2025	AFETR	93.46	43	445	443	C	-
2025-048Q	Starlink-32960	13 March 2025	AFETR	93.46	43	445	443	C	-
2025-048R	Starlink-32904	13 March 2025	AFETR	92.87	43	417	414	C	-
2025-048S	Starlink-32931	13 March 2025	AFETR	93.47	43	445	443	C	-
2025-048T	Starlink-32934	13 March 2025	AFETR	93.47	43	445	443	C	-
2025-048U	Starlink-32938	13 March 2025	AFETR	93.46	43	445	443	C	-
2025-048V	Starlink-32935	13 March 2025	AFETR	93.46	43.01	446	442	C	-
2025-048W	Starlink-32930	13 March 2025	AFETR	93.31	43	438	436	C	-
2025-049A	Dragon Endurance 4	14 March 2025	AFETR	92.92	51.64	421	414	E	-
2025-052L	AeroCube 18A	15 March 2025	AFWTR	94.86	97.44	516	508	C	-
2025-052N	AeroCube 18B	15 March 2025	AFWTR	94.87	97.44	516	508	C	-
2025-052P	DROID.002	15 March 2025	AFWTR	94.86	97.44	516	508	C	-
2025-052R	Tomorrow-S6	15 March 2025	AFWTR	94.89	97.45	518	508	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)		
2025-052T	Clarity-1	15 March 2025	AFWTR	94.91	97.44	518	510	C	-
2025-052X	M-SEL	15 March 2025	AFWTR	94.88	97.44	517	509	C	-
2025-052Z	LizzieSat-3 (LS-3)	15 March 2025	AFWTR	94.93	97.44	520	511	C	-
2025-052AA	Tomorrow-S5	15 March 2025	AFWTR	94.93	97.44	521	510	C	-
2025-052AB	OTP-2	15 March 2025	AFWTR	94.9	97.43	519	509	C	-
2025-052AV	ICEYE-X48	15 March 2025	AFWTR	96.5	97.73	593	589	C	-
2025-052AW	YAM-8	15 March 2025	AFWTR	96.49	97.73	592	589	C	-
2025-052BB	LEMUR 2 Deloitte-1	15 March 2025	AFWTR	96.45	97.74	591	586	C	-
2025-053A	Starlink-11654	15 March 2025	AFETR	91.26	43	339	334	C	-
2025-053B	Starlink-11659	15 March 2025	AFETR	91.26	43	338	335	C	-
2025-053C	Starlink-11653	15 March 2025	AFETR	91.26	43	339	334	C	-
2025-053D	Starlink-11641	15 March 2025	AFETR	91.26	43	338	335	C	-
2025-053E	Starlink-11638	15 March 2025	AFETR	91.26	43	337	336	C	-
2025-053F	Starlink-11614	15 March 2025	AFETR	91.26	43	338	335	C	-
2025-053G	Starlink-11620	15 March 2025	AFETR	91.26	42.99	338	335	C	-
2025-053H	Starlink-11619	15 March 2025	AFETR	91.26	43	338	335	C	-
2025-053J	Starlink-11621	15 March 2025	AFETR	91.26	43	337	335	C	-
2025-053K	Starlink-11615	15 March 2025	AFETR	91.26	43	339	334	C	-
2025-053L	Starlink-11608	15 March 2025	AFETR	91.27	43	338	336	C	-
2025-053M	Starlink-11623	15 March 2025	AFETR	91.26	42.99	338	335	C	-
2025-053N	Starlink-11612	15 March 2025	AFETR	91.26	43	337	336	C	-
2025-053P	Starlink-33660	15 March 2025	AFETR	93.46	43	445	443	C	-
2025-053Q	Starlink-33611	15 March 2025	AFETR	93.47	43	445	443	C	-
2025-053R	Starlink-33646	15 March 2025	AFETR	93.46	43	444	444	C	-
2025-053S	Starlink-33665	15 March 2025	AFETR	93.47	43	445	443	C	-
2025-053T	Starlink-33603	15 March 2025	AFETR	93.46	43	446	442	C	-
2025-053U	Starlink-33669	15 March 2025	AFETR	93.47	43	445	443	C	-
2025-053V	Starlink-33673	15 March 2025	AFETR	93.46	43	445	443	C	-
2025-053W	Starlink-33662	15 March 2025	AFETR	93.46	43	445	443	C	-
2025-053X	Starlink-33613	15 March 2025	AFETR	93.46	43	445	443	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)		
2025-053Y	Starlink-33680	15 March 2025	AFETR	93.46	43	444	444	C	-
2025-057A	Starlink-11568	18 March 2025	AFETR	91.26	43	338	336	C	-
2025-057B	Starlink-11575	18 March 2025	AFETR	91.26	43	337	336	C	-
2025-057C	Starlink-11585	18 March 2025	AFETR	91.26	43	337	336	C	-
2025-057D	Starlink-11587	18 March 2025	AFETR	91.67	43	358	356	C	-
2025-057E	Starlink-11589	18 March 2025	AFETR	91.67	43	358	356	C	-
2025-057F	Starlink-11650	18 March 2025	AFETR	91.67	43	358	355	C	-
2025-057G	Starlink-11648	18 March 2025	AFETR	91.67	43	358	355	C	-
2025-057H	Starlink-11640	18 March 2025	AFETR	91.67	43	358	355	C	-
2025-057J	Starlink-11652	18 March 2025	AFETR	91.67	43	358	355	C	-
2025-057K	Starlink-11645	18 March 2025	AFETR	91.67	43	358	355	C	-
2025-057L	Starlink-11633	18 March 2025	AFETR	91.27	43	339	334	C	-
2025-057M	Starlink-11593	18 March 2025	AFETR	91.67	43	358	355	C	-
2025-057N	Starlink-11588	18 March 2025	AFETR	91.67	43	357	356	C	-
2025-057P	Starlink-33671	18 March 2025	AFETR	93.46	43	447	441	C	-
2025-057Q	Starlink-33650	18 March 2025	AFETR	93.47	43	445	443	C	-
2025-057R	Starlink-33689	18 March 2025	AFETR	93.46	43	445	443	C	-
2025-057S	Starlink-33607	18 March 2025	AFETR	93.46	43	446	443	C	-
2025-057T	Starlink-33619	18 March 2025	AFETR	92.87	43	416	414	C	-
2025-057U	Starlink-33612	18 March 2025	AFETR	93.47	43	445	443	C	-
2025-057V	Starlink-33672	18 March 2025	AFETR	93.93	43	468	466	C	-
2025-057W	Starlink-33625	18 March 2025	AFETR	93.46	43	445	443	C	-
2025-057X	Starlink-33699	18 March 2025	AFETR	93.47	43	445	443	C	-
2025-057Y	Starlink-33674	18 March 2025	AFETR	93.65	43	454	452	C	-
2025-058A	USA 487	21 March 2025	AFWTR	94.82	69.99	517	503	C	-
2025-058B	USA 488	21 March 2025	AFWTR	94.58	70	501	496	C	-
2025-058C	USA 489	21 March 2025	AFWTR	94.71	70	510	499	C	-
2025-058D	USA 490	21 March 2025	AFWTR	94.63	70	504	497	C	-
2025-058E	USA 491	21 March 2025	AFWTR	94.67	70	507	498	C	-
2025-058F	USA 492	21 March 2025	AFWTR	94.65	70	505	498	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)		
2025-058G	USA 493	21 March 2025	AFWTR	94.69	70	508	499	C	-
2025-058H	USA 494	21 March 2025	AFWTR	94.85	69.99	517	505	C	-
2025-058J	USA 495	21 March 2025	AFWTR	94.87	69.99	517	508	C	-
2025-058K	USA 496	21 March 2025	AFWTR	94.61	70	502	497	C	-
2025-058L	USA 497	21 March 2025	AFWTR	94.73	70	512	499	C	-
2025-060A	USA 498	24 March 2025	AFETR	107.5	63.2	1199	1005	C	-
2025-063A	Starlink-32840	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063B	Starlink-32543	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063C	Starlink-33741	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063D	Starlink-33742	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063E	Starlink-33734	26 March 2025	AFWTR	92.94	53.16	419	418	C	-
2025-063F	Starlink-33578	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063G	Starlink-33626	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063H	Starlink-33657	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063J	Starlink-33648	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063K	Starlink-33614	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063L	Starlink-33617	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063M	Starlink-33618	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063N	Starlink-33621	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063P	Starlink-33539	26 March 2025	AFWTR	92.97	53.16	421	419	C	-
2025-063Q	Starlink-33634	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063R	Starlink-33640	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063S	Starlink-33636	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063T	Starlink-33653	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063U	Starlink-33643	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063V	Starlink-33633	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063W	Starlink-33748	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063X	Starlink-33658	26 March 2025	AFWTR	92.94	53.16	419	418	C	-
2025-063Y	Starlink-33616	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063Z	Starlink-33571	26 March 2025	AFWTR	93.46	53.16	445	443	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)		
2025-063AA	Starlink-33533	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063AB	Starlink-33629	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-063AC	Starlink-33656	26 March 2025	AFWTR	92.94	53.16	420	418	C	-
2025-065A	Starlink-33531	31 March 2025	AFETR	92.28	43	387	385	C	-
2025-065B	Starlink-33652	31 March 2025	AFETR	92.28	43	387	385	C	-
2025-065C	Starlink-33707	31 March 2025	AFETR	92.28	43	387	385	C	-
2025-065D	Starlink-33668	31 March 2025	AFETR	92.28	43	387	385	C	-
2025-065E	Starlink-33676	31 March 2025	AFETR	92.28	43	387	385	C	-
2025-065F	Starlink-33711	31 March 2025	AFETR	92.28	43	387	385	C	-
2025-065G	Starlink-33708	31 March 2025	AFETR	92.28	43	387	385	C	-
2025-065H	Starlink-33690	31 March 2025	AFETR	92.28	43	387	385	C	-
2025-065J	Starlink-33694	31 March 2025	AFETR	92.16	43	381	380	C	-
2025-065K	Starlink-33692	31 March 2025	AFETR	92.16	43	381	380	C	-
2025-065L	Starlink-33693	31 March 2025	AFETR	92.16	43	381	380	C	-
2025-065M	Starlink-33677	31 March 2025	AFETR	92.16	43	381	380	C	-
2025-065N	Starlink-33647	31 March 2025	AFETR	92.16	43	381	380	C	-
2025-065P	Starlink-33645	31 March 2025	AFETR	91.61	43	354	353	C	-
2025-065Q	Starlink-33670	31 March 2025	AFETR	91.74	43	361	359	C	-
2025-065R	Starlink-33644	31 March 2025	AFETR	91.52	43	350	348	C	-
2025-065S	Starlink-33664	31 March 2025	AFETR	91.74	43	361	359	C	-
2025-065T	Starlink-33649	31 March 2025	AFETR	91.52	43	350	349	C	-
2025-065U	Starlink-33535	31 March 2025	AFETR	91.52	43	350	349	C	-
2025-065V	Starlink-33703	31 March 2025	AFETR	91.52	43	350	348	C	-
2025-065W	Starlink-33709	31 March 2025	AFETR	91.52	43	350	348	C	-
2025-065X	Starlink-33698	31 March 2025	AFETR	91.52	43	350	349	C	-
2025-065Y	Starlink-33606	31 March 2025	AFETR	91.52	43	350	349	C	-
2025-065Z	Starlink-33686	31 March 2025	AFETR	91.52	43	350	348	C	-
2025-065AA	Starlink-33675	31 March 2025	AFETR	91.52	43	350	349	C	-
2025-065AB	Starlink-33655	31 March 2025	AFETR	91.52	43	350	348	C	-
2025-065AC	Starlink-33608	31 March 2025	AFETR	91.52	43	350	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)		
2025-065AD	Starlink-33615	31 March 2025	AFETR	91.52	43	350	348	C	-
The following objects not previously reported were identified after the last report and remained in orbit as at 2359Z on 31 March 2025:									
None.									
The following objects achieved orbit after the last report but were no longer in orbit as at 2359Z on 31 March 2025:									
None.									
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 31 March 2025:									
2020-057F	-	-	-	-	-	-	-	-	1 March 2025
2020-070U	-	-	-	-	-	-	-	-	1 March 2025
2020-035AH	-	-	-	-	-	-	-	-	2 March 2025
2020-070AX	-	-	-	-	-	-	-	-	2 March 2025
2021-009BH	-	-	-	-	-	-	-	-	2 March 2025
2023-124M	-	-	-	-	-	-	-	-	2 March 2025
2025-010A	-	-	-	-	-	-	-	-	2 March 2025
2020-062AR	-	-	-	-	-	-	-	-	3 March 2025
2021-021AB	-	-	-	-	-	-	-	-	3 March 2025
2021-021F	-	-	-	-	-	-	-	-	3 March 2025
2021-024A	-	-	-	-	-	-	-	-	3 March 2025
2021-012AX	-	-	-	-	-	-	-	-	4 March 2025
2020-088BH	-	-	-	-	-	-	-	-	5 March 2025
2020-035X	-	-	-	-	-	-	-	-	7 March 2025
2020-073B	-	-	-	-	-	-	-	-	7 March 2025
2021-009AQ	-	-	-	-	-	-	-	-	7 March 2025
2021-021BE	-	-	-	-	-	-	-	-	7 March 2025
2021-024V	-	-	-	-	-	-	-	-	7 March 2025
2014-033Z	-	-	-	-	-	-	-	-	8 March 2025
2019-054D	-	-	-	-	-	-	-	-	8 March 2025
2020-074AS	-	-	-	-	-	-	-	-	8 March 2025
2022-114A	-	-	-	-	-	-	-	-	8 March 2025

<i>International designation</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>				<i>General function of the space object</i>	<i>Date of decay</i>
				<i>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>		
2023-001AY	-	-	-	-	-	-	-	-	8 March 2025
2022-111AS	-	-	-	-	-	-	-	-	9 March 2025
2023-061S	-	-	-	-	-	-	-	-	9 March 2025
2021-009G	-	-	-	-	-	-	-	-	10 March 2025
2022-084AL	-	-	-	-	-	-	-	-	10 March 2025
2023-078E	-	-	-	-	-	-	-	-	10 March 2025
2024-012R	-	-	-	-	-	-	-	-	10 March 2025
2020-088AK	-	-	-	-	-	-	-	-	11 March 2025
2021-021AJ	-	-	-	-	-	-	-	-	11 March 2025
2020-025R	-	-	-	-	-	-	-	-	12 March 2025
2021-012AS	-	-	-	-	-	-	-	-	12 March 2025
2023-037R	-	-	-	-	-	-	-	-	12 March 2025
2012-048L	-	-	-	-	-	-	-	-	13 March 2025
2021-059Z	-	-	-	-	-	-	-	-	13 March 2025
2014-033AE	-	-	-	-	-	-	-	-	14 March 2025
2021-009AG	-	-	-	-	-	-	-	-	14 March 2025
2021-021BK	-	-	-	-	-	-	-	-	14 March 2025
2022-097AR	-	-	-	-	-	-	-	-	14 March 2025
2021-005BG	-	-	-	-	-	-	-	-	15 March 2025
2021-009BE	-	-	-	-	-	-	-	-	15 March 2025
2023-028U	-	-	-	-	-	-	-	-	15 March 2025
2023-014AA	-	-	-	-	-	-	-	-	16 March 2025
2019-074AW	-	-	-	-	-	-	-	-	17 March 2025
2020-001G	-	-	-	-	-	-	-	-	17 March 2025
2024-049W	-	-	-	-	-	-	-	-	17 March 2025
1975-052AL	-	-	-	-	-	-	-	-	18 March 2025
2014-033AC	-	-	-	-	-	-	-	-	18 March 2025
2021-012BH	-	-	-	-	-	-	-	-	18 March 2025
2024-178A	-	-	-	-	-	-	-	-	18 March 2025
2020-074BG	-	-	-	-	-	-	-	-	19 March 2025

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)		
2020-088S	-	-	-	-	-	-	-	-	19 March 2025
2022-045H	-	-	-	-	-	-	-	-	19 March 2025
2020-070BK	-	-	-	-	-	-	-	-	20 March 2025
2020-025V	-	-	-	-	-	-	-	-	21 March 2025
2020-001AX	-	-	-	-	-	-	-	-	22 March 2025
2020-038AT	-	-	-	-	-	-	-	-	22 March 2025
2021-009BC	-	-	-	-	-	-	-	-	22 March 2025
2023-014X	-	-	-	-	-	-	-	-	22 March 2025
2020-035AC	-	-	-	-	-	-	-	-	23 March 2025
2021-012S	-	-	-	-	-	-	-	-	23 March 2025
2020-074T	-	-	-	-	-	-	-	-	24 March 2025
2021-038BC	-	-	-	-	-	-	-	-	24 March 2025
1994-029AEH	-	-	-	-	-	-	-	-	25 March 2025
2014-033T	-	-	-	-	-	-	-	-	25 March 2025
2020-012G	-	-	-	-	-	-	-	-	25 March 2025
2021-009BM	-	-	-	-	-	-	-	-	25 March 2025
2021-012BC	-	-	-	-	-	-	-	-	25 March 2025
2023-174BJ	-	-	-	-	-	-	-	-	25 March 2025
2019-074AA	-	-	-	-	-	-	-	-	26 March 2025
2020-055R	-	-	-	-	-	-	-	-	26 March 2025
2020-074AH	-	-	-	-	-	-	-	-	26 March 2025
2023-147S	-	-	-	-	-	-	-	-	26 March 2025
2021-040AK	-	-	-	-	-	-	-	-	27 March 2025
2021-044AC	-	-	-	-	-	-	-	-	27 March 2025
2022-049AW	-	-	-	-	-	-	-	-	28 March 2025
2023-021BC	-	-	-	-	-	-	-	-	28 March 2025
2019-074BG	-	-	-	-	-	-	-	-	29 March 2025
2021-009BB	-	-	-	-	-	-	-	-	29 March 2025
2021-044H	-	-	-	-	-	-	-	-	29 March 2025
2023-035C	-	-	-	-	-	-	-	-	29 March 2025

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)		
2024-093M	-	-	-	-	-	-	-	-	29 March 2025
2021-012AH	-	-	-	-	-	-	-	-	30 March 2025
2021-027U	-	-	-	-	-	-	-	-	30 March 2025
2024-139A	-	-	-	-	-	-	-	-	30 March 2025
2021-009AP	-	-	-	-	-	-	-	-	31 March 2025
2024-005A	-	-	-	-	-	-	-	-	31 March 2025

The following objects were not previously reported and were no longer in orbit as at 2359Z on 31 March 2025:

None.

The following objects were not previously reported and remain in orbit

None.

The following objects were deployed on a non-Earth celestial body:

Common name: Blue Ghost (location: lunar surface)

Common name: IM-2 (location: lunar surface)

Additional information:

None.

Abbreviations and key

Location of the launch: AFETR, United States Air Force Eastern Test Range; and AFWTR, United States Air Force Western Test Range.

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 or outer space
- 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

Annex II

Registration data on space launches by the United States of America for April 2025*

The following report supplements the registration data on United States space launches as at 30 April 2025.

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Date of decay
The following objects were launched after the last report and remained in orbit as at 2359Z on 30 April 2025:									
2025-069A	Starlink-33682	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069B	Starlink-33710	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069C	Starlink-33733	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069D	Starlink-33638	4 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-069E	Starlink-33726	4 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-069F	Starlink-33681	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069G	Starlink-33730	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069H	Starlink-33743	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069J	Starlink-33715	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069K	Starlink-33762	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069L	Starlink-33753	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069M	Starlink-33747	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069N	Starlink-33659	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069P	Starlink-33746	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069Q	Starlink-33799	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069R	Starlink-33797	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069S	Starlink-33798	4 April 2025	AFWTR	92.95	53.16	420	418	C	-
2025-069T	Starlink-33736	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069U	Starlink-33740	4 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-069V	Starlink-33763	4 April 2025	AFWTR	92.95	53.16	420	418	C	-
2025-069W	Starlink-33784	4 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-069X	Starlink-33768	4 April 2025	AFWTR	92.94	53.16	420	418	C	-
2025-069Y	Starlink-33761	4 April 2025	AFWTR	92.95	53.16	420	418	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)		
2025-069Z	Starlink-33737	4 April 2025	AFWTR	92.75	53.16	411	407	C	-
2025-069AA	Starlink-33795	4 April 2025	AFWTR	92.94	53.16	420	418	C	-
2025-069AB	Starlink-33756	4 April 2025	AFWTR	92.94	53.16	420	418	C	-
2025-069AC	Starlink-33780	4 April 2025	AFWTR	92.94	53.16	419	418	C	-
2025-070A	Starlink-33679	6 April 2025	AFETR	93.46	43	445	443	C	-
2025-070B	Starlink-33706	6 April 2025	AFETR	94.27	43	484	483	C	-
2025-070C	Starlink-33691	6 April 2025	AFETR	94.19	43	480	479	C	-
2025-070D	Starlink-33696	6 April 2025	AFETR	94.22	43	481	480	C	-
2025-070E	Starlink-33701	6 April 2025	AFETR	94.22	43	481	480	C	-
2025-070F	Starlink-33685	6 April 2025	AFETR	94.27	43	484	483	C	-
2025-070G	Starlink-33654	6 April 2025	AFETR	94.27	43	483	483	C	-
2025-070H	Starlink-33697	6 April 2025	AFETR	94.15	43	480	475	C	-
2025-070J	Starlink-33720	6 April 2025	AFETR	94.27	43	484	482	C	-
2025-070K	Starlink-33587	6 April 2025	AFETR	94.27	43	484	482	C	-
2025-070L	Starlink-33637	6 April 2025	AFETR	94.22	43	482	480	C	-
2025-070M	Starlink-33744	6 April 2025	AFETR	94.27	43	484	482	C	-
2025-070N	Starlink-33766	6 April 2025	AFETR	94.27	43	484	482	C	-
2025-070P	Starlink-33765	6 April 2025	AFETR	94.27	43	484	482	C	-
2025-070Q	Starlink-33735	6 April 2025	AFETR	94.27	43	485	482	C	-
2025-070R	Starlink-33731	6 April 2025	AFETR	94.27	43	483	483	C	-
2025-070S	Starlink-33718	6 April 2025	AFETR	94.27	43	484	482	C	-
2025-070T	Starlink-33630	6 April 2025	AFETR	93.46	43	445	443	C	-
2025-070U	Starlink-33695	6 April 2025	AFETR	93.47	43	445	443	C	-
2025-070V	Starlink-33713	6 April 2025	AFETR	93.46	43	445	442	C	-
2025-070W	Starlink-33721	6 April 2025	AFETR	93.46	43	445	443	C	-
2025-070X	Starlink-33639	6 April 2025	AFETR	93.47	43	445	443	C	-
2025-070Y	Starlink-33667	6 April 2025	AFETR	91.71	43	360	357	C	-
2025-070Z	Starlink-33688	6 April 2025	AFETR	94.27	43	484	482	C	-
2025-070AA	Starlink-33700	6 April 2025	AFETR	94.27	43	484	482	C	-
2025-070AB	Starlink-33687	6 April 2025	AFETR	94.27	43	484	482	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)		
2025-070AC	Starlink-33716	6 April 2025	AFETR	94.25	43	483	481	C	-
2025-070AD	Starlink-33754	6 April 2025	AFETR	94.27	43	484	482	C	-
2025-071A	Starlink-33828	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071B	Starlink-33819	7 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-071C	Starlink-33845	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071D	Starlink-33829	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071E	Starlink-33815	7 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-071F	Starlink-33833	7 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-071G	Starlink-33534	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071H	Starlink-33838	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071J	Starlink-33837	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071K	Starlink-33818	7 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-071L	Starlink-33583	7 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-071M	Starlink-33811	7 April 2025	AFWTR	93.53	53.16	449	446	C	-
2025-071N	Starlink-33825	7 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-071P	Starlink-33792	7 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-071Q	Starlink-33843	7 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-071R	Starlink-33809	7 April 2025	AFWTR	93.53	53.16	448	446	C	-
2025-071S	Starlink-33678	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071T	Starlink-33764	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071U	Starlink-33804	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071V	Starlink-33751	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071W	Starlink-33750	7 April 2025	AFWTR	93.53	53.16	448	447	C	-
2025-071X	Starlink-33786	7 April 2025	AFWTR	93.41	53.16	442	441	C	-
2025-071Y	Starlink-33796	7 April 2025	AFWTR	93.14	53.16	429	428	C	-
2025-071Z	Starlink-33785	7 April 2025	AFWTR	93.28	53.16	436	434	C	-
2025-071AA	Starlink-33803	7 April 2025	AFWTR	93.51	53.16	447	445	C	-
2025-071AB	Starlink-33807	7 April 2025	AFWTR	94.1	53.16	476	474	C	-
2025-071AC	Starlink-33787	7 April 2025	AFWTR	94.11	53.16	476	474	C	-
2025-074A	USA 499	12 April 2025	AFWTR	90.57	69.9	325	281	C	-

<i>International designation</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>				<i>General function of the space object</i>	<i>Date of decay</i>
				<i>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>		
2025-074B	USA 500	12 April 2025	AFWTR	90.53	69.91	309	292	C	-
2025-074C	USA 501	12 April 2025	AFWTR	90.43	69.97	297	294	C	-
2025-074D	USA 502	12 April 2025	AFWTR	90.51	69.91	302	297	C	-
2025-074E	USA 503	12 April 2025	AFWTR	90.59	69.91	318	288	C	-
2025-074F	USA 504	12 April 2025	AFWTR	90.5	69.92	314	285	C	-
2025-074G	USA 505	12 April 2025	AFWTR	90.48	69.94	312	285	C	-
2025-074H	USA 506	12 April 2025	AFWTR	90.52	69.9	321	279	C	-
2025-074J	USA 507	12 April 2025	AFWTR	90.57	69.91	312	293	C	-
2025-074K	USA 508	12 April 2025	AFWTR	90.36	69.94	302	283	C	-
2025-074L	USA 509	12 April 2025	AFWTR	90.58	69.9	311	294	C	-
2025-074M	USA 510	12 April 2025	AFWTR	90.52	69.92	310	290	C	-
2025-074N	USA 511	12 April 2025	AFWTR	90.58	69.9	309	298	C	-
2025-074P	USA 512	12 April 2025	AFWTR	90.49	69.92	312	285	C	-
2025-074Q	USA 513	12 April 2025	AFWTR	90.63	69.92	329	282	C	-
2025-074R	USA 514	12 April 2025	AFWTR	90.49	69.91	305	292	C	-
2025-074S	USA 515	12 April 2025	AFWTR	90.59	69.92	320	287	C	-
2025-074T	USA 516	12 April 2025	AFWTR	90.6	69.9	320	288	C	-
2025-074U	USA 517	12 April 2025	AFWTR	90.55	69.91	315	288	C	-
2025-074V	USA 518	12 April 2025	AFWTR	90.52	69.91	313	287	C	-
2025-074W	USA 519	12 April 2025	AFWTR	90.55	69.92	316	287	C	-
2025-074X	USA 520	12 April 2025	AFWTR	90.44	69.97	301	296	C	-
2025-075A	Starlink-11669	13 April 2025	AFETR	91.26	43	338	335	C	-
2025-075B	Starlink-11665	13 April 2025	AFETR	91.26	43	338	335	C	-
2025-075C	Starlink-11667	13 April 2025	AFETR	91.26	43	338	335	C	-
2025-075D	Starlink-11695	13 April 2025	AFETR	91.26	43	337	336	C	-
2025-075E	Starlink-11685	13 April 2025	AFETR	91.26	43	338	335	C	-
2025-075F	Starlink-11697	13 April 2025	AFETR	91.26	43	337	336	C	-
2025-075G	Starlink-11680	13 April 2025	AFETR	91.26	43	337	336	C	-
2025-075H	Starlink-11687	13 April 2025	AFETR	91.26	43	338	335	C	-
2025-075J	Starlink-11626	13 April 2025	AFETR	91.26	43	338	335	C	-

<i>International designation</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>				<i>General function of the space object</i>	<i>Date of decay</i>
				<i>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>		
2025-075K	Starlink-11668	13 April 2025	AFETR	91.26	43	338	335	C	-
2025-075L	Starlink-11657	13 April 2025	AFETR	91.26	43	338	335	C	-
2025-075M	Starlink-11606	13 April 2025	AFETR	91.26	43	338	335	C	-
2025-075N	Starlink-11592	13 April 2025	AFETR	91.26	43	338	335	C	-
2025-075P	Starlink-32953	13 April 2025	AFETR	93.46	43	445	443	C	-
2025-075Q	Starlink-32951	13 April 2025	AFETR	93.46	43	445	443	C	-
2025-075R	Starlink-32958	13 April 2025	AFETR	93.46	43	445	443	C	-
2025-075S	Starlink-32928	13 April 2025	AFETR	93.46	43	445	443	C	-
2025-075T	Starlink-32687	13 April 2025	AFETR	93.46	43	445	443	C	-
2025-075U	Starlink-32950	13 April 2025	AFETR	94.19	43	481	478	C	-
2025-075V	Starlink-32954	13 April 2025	AFETR	93.46	43	445	443	C	-
2025-075W	Starlink-32940	13 April 2025	AFETR	93.46	43	445	443	C	-
2025-076A	Starlink-32959	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076B	Starlink-32956	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076C	Starlink-33722	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076D	Starlink-33739	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076E	Starlink-33683	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076F	Starlink-33724	14 April 2025	AFETR	91.34	42.99	342	339	C	-
2025-076G	Starlink-33732	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076H	Starlink-33800	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076J	Starlink-33632	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076K	Starlink-33719	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076L	Starlink-33755	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076M	Starlink-33752	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076N	Starlink-33714	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076P	Starlink-33814	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076Q	Starlink-33817	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076R	Starlink-33820	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076S	Starlink-33813	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076T	Starlink-33834	14 April 2025	AFETR	93.46	43	445	443	C	-

<i>International designation</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>				<i>General function of the space object</i>	<i>Date of decay</i>
				<i>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>		
2025-076U	Starlink-33830	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076V	Starlink-33651	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076W	Starlink-33788	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076X	Starlink-33805	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076Y	Starlink-33702	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076Z	Starlink-33666	14 April 2025	AFETR	93.46	43	445	443	C	-
2025-076AA	Starlink-33723	14 April 2025	AFETR	93.39	43	442	439	C	-
2025-076AB	Starlink-33791	14 April 2025	AFETR	93.33	43	439	436	C	-
2025-076AC	Starlink-33831	14 April 2025	AFETR	90.16	43	287	278	C	-
2025-077A	USA 521	16 April 2025	AFWTR	107.57	63.39	1 121	1 107	C	-
2025-077B	USA 522	16 April 2025	AFWTR	107.57	63.39	1 121	1 107	C	-
2025-077C	Minotaur 4 R/B	16 April 2025	AFWTR	107.57	63.39	1 121	1 107	D	-
2025-079A	USA 523	20 April 2025	AFWTR	90.2	69.99	292	276	C	-
2025-079B	USA 524	20 April 2025	AFWTR	90.19	69.99	292	276	C	-
2025-079C	USA 525	20 April 2025	AFWTR	90.59	69.92	323	283	C	-
2025-079D	USA 526	20 April 2025	AFWTR	90.49	69.93	305	293	C	-
2025-079E	USA 527	20 April 2025	AFWTR	90.21	69.98	292	277	C	-
2025-079F	USA 528	20 April 2025	AFWTR	90.49	69.94	309	289	C	-
2025-079G	USA 529	20 April 2025	AFWTR	90.29	69.97	293	284	C	-
2025-079H	USA 530	20 April 2025	AFWTR	90.25	69.97	293	281	C	-
2025-079J	USA 531	20 April 2025	AFWTR	90.27	69.98	292	283	C	-
2025-079K	USA 532	20 April 2025	AFWTR	90.29	69.98	293	284	C	-
2025-079L	USA 533	20 April 2025	AFWTR	90.31	69.97	293	286	C	-
2025-079M	USA 534	20 April 2025	AFWTR	90.49	69.93	320	277	C	-
2025-079N	USA 535	20 April 2025	AFWTR	90.28	69.98	293	283	C	-
2025-079P	USA 536	20 April 2025	AFWTR	90.31	69.95	304	276	C	-
2025-079Q	USA 537	20 April 2025	AFWTR	90.22	69.98	293	277	C	-
2025-079R	USA 538	20 April 2025	AFWTR	90.2	69.98	292	277	C	-
2025-079S	USA 539	20 April 2025	AFWTR	90.29	69.98	293	285	C	-
2025-079T	USA 540	20 April 2025	AFWTR	90.27	69.98	292	283	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)		
2025-079U	USA 541	20 April 2025	AFWTR	90.26	69.98	292	282	C	-
2025-079V	USA 542	20 April 2025	AFWTR	90.29	69.98	293	285	C	-
2025-079W	USA 543	20 April 2025	AFWTR	90.2	69.98	292	277	C	-
2025-079X	USA 544	20 April 2025	AFWTR	90.49	69.9	325	273	C	-
2025-080A	Dragon CRS-32	21 April 2025	AFETR	92.93	51.64	420	416	E	-
2025-083A	Starlink-33879	25 April 2025	AFETR	93.06	43	425	423	C	-
2025-083B	Starlink-33854	25 April 2025	AFETR	93	43	422	421	C	-
2025-083C	Starlink-33864	25 April 2025	AFETR	93.15	43	430	428	C	-
2025-083D	Starlink-33832	25 April 2025	AFETR	92.88	43	416	415	C	-
2025-083E	Starlink-33856	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083F	Starlink-33876	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083G	Starlink-33859	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083H	Starlink-33826	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083J	Starlink-33836	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083K	Starlink-33558	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083L	Starlink-33852	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083M	Starlink-33835	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083N	Starlink-33661	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083P	Starlink-33729	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083Q	Starlink-33717	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083R	Starlink-33684	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083S	Starlink-33704	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083T	Starlink-33705	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083U	Starlink-33663	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083V	Starlink-33866	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083W	Starlink-33849	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083X	Starlink-33873	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083Y	Starlink-33772	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083Z	Starlink-33789	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083AA	Starlink-33822	25 April 2025	AFETR	92.87	43	416	414	C	-

<i>International designation</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>				<i>General function of the space object</i>	<i>Date of decay</i>
				<i>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>		
2025-083AB	Starlink-33771	25 April 2025	AFETR	93.46	43	445	443	C	-
2025-083AC	Starlink-33810	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-083AD	Starlink-33823	25 April 2025	AFETR	92.87	43	416	414	C	-
2025-085A	Starlink-11651	28 April 2025	AFETR	91.26	43	338	335	C	-
2025-085B	Starlink-11672	28 April 2025	AFETR	91.26	43	338	335	C	-
2025-085C	Starlink-11664	28 April 2025	AFETR	91.26	43	338	335	C	-
2025-085D	Starlink-11666	28 April 2025	AFETR	91.26	43	338	336	C	-
2025-085E	Starlink-11663	28 April 2025	AFETR	91.26	43	338	335	C	-
2025-085F	Starlink-11595	28 April 2025	AFETR	91.26	43	338	335	C	-
2025-085G	Starlink-11599	28 April 2025	AFETR	91.27	43	338	335	C	-
2025-085H	Starlink-11603	28 April 2025	AFETR	91.26	43	338	335	C	-
2025-085J	Starlink-11644	28 April 2025	AFETR	91.26	43	338	335	C	-
2025-085K	Starlink-11634	28 April 2025	AFETR	91.26	43	338	336	C	-
2025-085L	Starlink-11656	28 April 2025	AFETR	91.26	43	338	335	C	-
2025-085M	Starlink-11655	28 April 2025	AFETR	91.26	43	338	335	C	-
2025-085N	Starlink-11661	28 April 2025	AFETR	91.15	43	332	330	C	-
2025-085P	Starlink-33816	28 April 2025	AFETR	93.16	43	430	428	C	-
2025-085Q	Starlink-33861	28 April 2025	AFETR	93.1	43	428	425	C	-
2025-085R	Starlink-33850	28 April 2025	AFETR	93.04	43	425	422	C	-
2025-085S	Starlink-33887	28 April 2025	AFETR	92.99	43	422	420	C	-
2025-085T	Starlink-33886	28 April 2025	AFETR	92.93	43	419	417	C	-
2025-085U	Starlink-33840	28 April 2025	AFETR	92.86	43	416	414	C	-
2025-085V	Starlink-33851	28 April 2025	AFETR	92.87	43	416	414	C	-
2025-085W	Starlink-33853	28 April 2025	AFETR	92.87	43	416	414	C	-
2025-085X	Starlink-33847	28 April 2025	AFETR	92.87	43	416	414	C	-
2025-085Y	Starlink-33880	28 April 2025	AFETR	92.87	43	416	414	C	-
2025-087A	Starlink-33894	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087B	Starlink-33922	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087C	Starlink-33919	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087D	Starlink-33908	28 April 2025	AFWTR	92.19	53.16	383	381	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)		
2025-087E	Starlink-33950	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087F	Starlink-33939	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087G	Starlink-33868	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087H	Starlink-33937	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087J	Starlink-33848	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087K	Starlink-33995	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087L	Starlink-33982	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087M	Starlink-33915	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087N	Starlink-33862	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087P	Starlink-33920	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087Q	Starlink-33580	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087R	Starlink-33783	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087S	Starlink-33773	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087T	Starlink-33745	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087U	Starlink-33728	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087V	Starlink-33749	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087W	Starlink-33725	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087X	Starlink-33641	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087Y	Starlink-33727	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087Z	Starlink-33757	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087AA	Starlink-33774	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087AB	Starlink-33767	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-087AC	Starlink-33806	28 April 2025	AFWTR	92.19	53.16	383	381	C	-
2025-088A	Kuiper-00008	28 April 2025	AFETR	93.84	51.86	469	455	C	-
2025-088B	Kuiper-00009	28 April 2025	AFETR	93.82	51.87	468	455	C	-
2025-088C	Kuiper-00010	28 April 2025	AFETR	93.82	51.87	468	455	C	-
2025-088D	Kuiper-00011	28 April 2025	AFETR	93.86	51.86	471	455	C	-
2025-088E	Kuiper-00012	28 April 2025	AFETR	93.85	51.86	470	455	C	-
2025-088F	Kuiper-00013	28 April 2025	AFETR	93.84	51.86	469	455	C	-
2025-088G	Kuiper-00014	28 April 2025	AFETR	93.87	51.86	472	456	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)		
2025-088H	Kuiper-00015	28 April 2025	AFETR	94.12	51.87	483	469	C	-
2025-088J	Kuiper-00016	28 April 2025	AFETR	93.81	51.86	467	455	C	-
2025-088K	Kuiper-00018	28 April 2025	AFETR	93.77	51.87	463	455	C	-
2025-088L	Kuiper-00019	28 April 2025	AFETR	93.76	51.87	461	455	C	-
2025-088M	Kuiper-00020	28 April 2025	AFETR	93.78	51.87	464	455	C	-
2025-088N	Kuiper-00021	28 April 2025	AFETR	93.8	51.87	465	456	C	-
2025-088P	Kuiper-00023	28 April 2025	AFETR	93.8	51.87	466	455	C	-
2025-088Q	Kuiper-00024	28 April 2025	AFETR	93.69	51.87	456	454	C	-
2025-088R	Kuiper-00025	28 April 2025	AFETR	93.77	51.87	463	455	C	-
2025-088S	Kuiper-00027	28 April 2025	AFETR	93.72	51.87	458	455	C	-
2025-088T	Kuiper-00028	28 April 2025	AFETR	93.71	51.87	458	455	C	-
2025-088U	Kuiper-00029	28 April 2025	AFETR	93.76	51.87	462	455	C	-
2025-088V	Kuiper-00030	28 April 2025	AFETR	93.8	51.87	466	455	C	-
2025-088W	Kuiper-00031	28 April 2025	AFETR	93.73	51.87	460	454	C	-
2025-088X	Kuiper-00032	28 April 2025	AFETR	93.76	51.87	462	455	C	-
2025-088Y	Kuiper-00033	28 April 2025	AFETR	94.01	51.88	473	469	C	-
2025-088Z	Kuiper-00034	28 April 2025	AFETR	93.7	51.87	457	454	C	-
2025-088AA	Kuiper-00035	28 April 2025	AFETR	93.72	51.87	459	454	C	-
2025-088AB	Kuiper-00037	28 April 2025	AFETR	93.71	51.87	458	454	C	-
2025-088AC	Kuiper-00038	28 April 2025	AFETR	93.74	51.87	461	454	C	-
2025-089A	Starlink-11677	29 April 2025	AFETR	91.26	43	338	335	C	-
2025-089B	Starlink-11702	29 April 2025	AFETR	91.26	43	338	335	C	-
2025-089C	Starlink-11706	29 April 2025	AFETR	91.26	43	338	335	C	-
2025-089D	Starlink-11662	29 April 2025	AFETR	91.26	43	338	335	C	-
2025-089E	Starlink-11681	29 April 2025	AFETR	91.26	43	338	335	C	-
2025-089F	Starlink-11688	29 April 2025	AFETR	91.26	43	338	336	C	-
2025-089G	Starlink-11676	29 April 2025	AFETR	91.26	43	338	335	C	-
2025-089H	Starlink-11705	29 April 2025	AFETR	91.26	43	338	335	C	-
2025-089J	Starlink-11703	29 April 2025	AFETR	91.26	43	338	335	C	-
2025-089K	Starlink-11701	29 April 2025	AFETR	91.27	43	338	335	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)		
2025-089L	Starlink-11660	29 April 2025	AFETR	91.24	43	337	334	C	-
2025-089M	Starlink-11699	29 April 2025	AFETR	91.09	43	329	327	C	-
2025-089N	Starlink-11693	29 April 2025	AFETR	90.96	43	323	321	C	-
2025-089P	Starlink-33760	29 April 2025	AFETR	92.86	43	416	414	C	-
2025-089Q	Starlink-33941	29 April 2025	AFETR	92.86	43	416	414	C	-
2025-089R	Starlink-33824	29 April 2025	AFETR	92.86	43	416	414	C	-
2025-089S	Starlink-33808	29 April 2025	AFETR	92.86	43	416	414	C	-
2025-089T	Starlink-33844	29 April 2025	AFETR	92.86	43	416	414	C	-
2025-089U	Starlink-33907	29 April 2025	AFETR	92.86	43	416	414	C	-
2025-089V	Starlink-33884	29 April 2025	AFETR	92.86	43	416	414	C	-
2025-089W	Starlink-33841	29 April 2025	AFETR	92.86	43	416	414	C	-
2025-089X	Starlink-33769	29 April 2025	AFETR	92.86	43	416	414	C	-
2025-089Y	Starlink-33914	29 April 2025	AFETR	92.33	43	390	388	C	-
The following objects not previously reported were identified after the last report and remained in orbit as at 2359Z on 30 April 2025:									
2024-043X	LaCE-2	4 March 2024	AFWTR	90.17	97.47	291	274	C	-
2025-052Q	Pioneer-03	15 March 2025	AFWTR	96.74	97.44	897	308	C	-
2025-052AY	FireSat 0	15 March 2025	AFWTR	96.48	97.73	591	588	C	-
The following objects achieved orbit after the last report but were no longer in orbit as at 2359Z on 30 April 2025:									
2025-066A	FRAM-2	1 April 2025	AFETR	92.46	89.68	445	345	E	5 April 2025
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 2025:									
2020-012AV	-	-	-	-	-	-	-	-	1 April 2025
2020-055Q	-	-	-	-	-	-	-	-	1 April 2025
2020-088AH	-	-	-	-	-	-	-	-	1 April 2025
2023-013AJ	-	-	-	-	-	-	-	-	3 April 2025
2024-107B	-	-	-	-	-	-	-	-	3 April 2025
2019-074BC	-	-	-	-	-	-	-	-	4 April 2025
2020-057X	-	-	-	-	-	-	-	-	4 April 2025
2022-034C	-	-	-	-	-	-	-	-	4 April 2025

<i>International designation</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>				<i>General function of the space object</i>	<i>Date of decay</i>
				<i>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>		
2020-019BD	-	-	-	-	-	-	-	-	5 April 2025
2020-088AU	-	-	-	-	-	-	-	-	5 April 2025
2021-009C	-	-	-	-	-	-	-	-	5 April 2025
2024-017M	-	-	-	-	-	-	-	-	5 April 2025
2020-019AN	-	-	-	-	-	-	-	-	6 April 2025
2020-025L	-	-	-	-	-	-	-	-	6 April 2025
2020-055BD	-	-	-	-	-	-	-	-	6 April 2025
2020-070Q	-	-	-	-	-	-	-	-	6 April 2025
2021-012P	-	-	-	-	-	-	-	-	7 April 2025
2021-038S	-	-	-	-	-	-	-	-	7 April 2025
2024-093L	-	-	-	-	-	-	-	-	7 April 2025
1978-026BT	-	-	-	-	-	-	-	-	8 April 2025
1984-012B	-	-	-	-	-	-	-	-	8 April 2025
2014-033V	-	-	-	-	-	-	-	-	8 April 2025
2020-035AK	-	-	-	-	-	-	-	-	8 April 2025
2023-020K	-	-	-	-	-	-	-	-	8 April 2025
2023-064AB	-	-	-	-	-	-	-	-	8 April 2025
2023-174CE	-	-	-	-	-	-	-	-	8 April 2025
2020-012BG	-	-	-	-	-	-	-	-	10 April 2025
2021-024BM	-	-	-	-	-	-	-	-	10 April 2025
2021-082V	-	-	-	-	-	-	-	-	10 April 2025
2023-078BA	-	-	-	-	-	-	-	-	10 April 2025
2023-174BG	-	-	-	-	-	-	-	-	10 April 2025
2022-084AK	-	-	-	-	-	-	-	-	11 April 2025
2019-074AD	-	-	-	-	-	-	-	-	12 April 2025
2020-025AF	-	-	-	-	-	-	-	-	12 April 2025
2020-035BD	-	-	-	-	-	-	-	-	12 April 2025
2020-055AU	-	-	-	-	-	-	-	-	12 April 2025
2023-014U	-	-	-	-	-	-	-	-	12 April 2025
2023-174CL	-	-	-	-	-	-	-	-	12 April 2025

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)		
2020-057K	-	-	-	-	-	-	-	-	13 April 2025
2022-099AX	-	-	-	-	-	-	-	-	13 April 2025
2024-045F	-	-	-	-	-	-	-	-	13 April 2025
2021-024BJ	-	-	-	-	-	-	-	-	14 April 2025
2021-082AQ	-	-	-	-	-	-	-	-	14 April 2025
2022-104AG	-	-	-	-	-	-	-	-	14 April 2025
2024-214B	-	-	-	-	-	-	-	-	14 April 2025
1991-082CK	-	-	-	-	-	-	-	-	15 April 2025
1994-029ACL	-	-	-	-	-	-	-	-	15 April 2025
2021-082Y	-	-	-	-	-	-	-	-	15 April 2025
2021-018AK	-	-	-	-	-	-	-	-	16 April 2025
2022-016Q	-	-	-	-	-	-	-	-	16 April 2025
2023-010AR	-	-	-	-	-	-	-	-	16 April 2025
2020-006BA	-	-	-	-	-	-	-	-	17 April 2025
2021-036D	-	-	-	-	-	-	-	-	17 April 2025
2020-074AD	-	-	-	-	-	-	-	-	18 April 2025
2021-044AU	-	-	-	-	-	-	-	-	18 April 2025
2022-175AN	-	-	-	-	-	-	-	-	18 April 2025
2020-035E	-	-	-	-	-	-	-	-	19 April 2025
2021-082W	-	-	-	-	-	-	-	-	19 April 2025
2023-054X	-	-	-	-	-	-	-	-	19 April 2025
2020-019P	-	-	-	-	-	-	-	-	20 April 2025
2020-073AA	-	-	-	-	-	-	-	-	20 April 2025
2023-021U	-	-	-	-	-	-	-	-	20 April 2025
2020-001BE	-	-	-	-	-	-	-	-	21 April 2025
2023-153F	-	-	-	-	-	-	-	-	21 April 2025
2024-107G	-	-	-	-	-	-	-	-	21 April 2025
2020-001A	-	-	-	-	-	-	-	-	22 April 2025
2021-024BK	-	-	-	-	-	-	-	-	22 April 2025
2023-174BX	-	-	-	-	-	-	-	-	22 April 2025

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)		
2021-012BA	-	-	-	-	-	-	-	-	23 April 2025
2021-021AE	-	-	-	-	-	-	-	-	23 April 2025
2022-051Q	-	-	-	-	-	-	-	-	23 April 2025
2022-105AT	-	-	-	-	-	-	-	-	23 April 2025
2022-107BB	-	-	-	-	-	-	-	-	23 April 2025
2023-014AC	-	-	-	-	-	-	-	-	23 April 2025
2020-073AK	-	-	-	-	-	-	-	-	24 April 2025
2021-018S	-	-	-	-	-	-	-	-	24 April 2025
2024-086L	-	-	-	-	-	-	-	-	24 April 2025
2020-073AP	-	-	-	-	-	-	-	-	25 April 2025
2021-009Z	-	-	-	-	-	-	-	-	25 April 2025
2020-019BB	-	-	-	-	-	-	-	-	26 April 2025
2020-035Z	-	-	-	-	-	-	-	-	26 April 2025
2021-023E	-	-	-	-	-	-	-	-	26 April 2025
2019-074V	-	-	-	-	-	-	-	-	27 April 2025
2020-006Q	-	-	-	-	-	-	-	-	27 April 2025
2021-009BG	-	-	-	-	-	-	-	-	27 April 2025
2021-021D	-	-	-	-	-	-	-	-	27 April 2025
2021-024AP	-	-	-	-	-	-	-	-	28 April 2025
2020-070P	-	-	-	-	-	-	-	-	29 April 2025
2021-009AC									29 April 2025
2023-154A									29 April 2025
2020-001H									30 April 2025
2020-055L									30 April 2025
2020-074N									30 April 2025
2023-058P	-	-	-	-	-	-	-	-	30 April 2025
The following objects were not previously reported and were no longer in orbit as at 2359Z on 30 April 2025:									
2013-072G	SNAP-3	6 December 2013	-	-	-	-	-	-	26 April 2025

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics			Perigee (km)	General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)			
The following objects were not previously reported and remain in orbit:									
None.									
The following objects were deployed on a non-Earth celestial body:									
None.									
Additional information:									
None.									

Abbreviations and key

Location of the launch: AFETR, United States Air Force Eastern Test Range; and AFWTR, United States Air Force Western Test Range.

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 or outer space
- 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