

**Secretariat**Distr.: General
11 October 2024

Original: English

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

Note verbale dated 5 August 2024 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 2024 (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 the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 12 August 2024.



Registration data on space launches by the United States of America for April 2024*

The following report supplements the registration data on United States space launches as at 30 April 2024.

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 2024:									
2024-062A	Starlink-31641	2 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-062B	Starlink-31430	2 April 2024	AFWTR	93.53	53.16	448	447	C	-
2024-062C	Starlink-31695	2 April 2024	AFWTR	93.34	53.16	439	436	C	-
2024-062D	Starlink-31716	2 April 2024	AFWTR	93.16	53.16	431	428	C	-
2024-062E	Starlink-31710	2 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-062F	Starlink-31698	2 April 2024	AFWTR	93.33	53.16	439	437	C	-
2024-062G	Starlink-31680	2 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-062H	Starlink-31713	2 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-062J	Starlink-31705	2 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-062K	Starlink-31709	2 April 2024	AFWTR	93.33	53.16	439	437	C	-
2024-062L	Starlink-31715	2 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-062M	Starlink-31717	2 April 2024	AFWTR	93.53	53.16	448	447	C	-
2024-062N	Starlink-31688	2 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-062P	Starlink-31714	2 April 2024	AFWTR	93.34	53.16	439	437	C	-
2024-062Q	Starlink-31643	2 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-062R	Starlink-31647	2 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-062S	Starlink-31649	2 April 2024	AFWTR	93.34	53.16	439	437	C	-
2024-062T	Starlink-31644	2 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-062U	Starlink-31626	2 April 2024	AFWTR	93.53	53.16	448	446	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)		
2024-062V	Starlink-31443	2 April 2024	AFWTR	93.52	53.16	447	446	C	-
2024-062W	Starlink-31607	2 April 2024	AFWTR	93.53	53.16	448	447	C	-
2024-062X	Starlink-31608	2 April 2024	AFWTR	93.33	53.16	438	437	C	-
2024-064A	Starlink-31534	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064B	Starlink-31544	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064C	Starlink-31545	5 April 2024	AFETR	93.47	43	445	443	C	-
2024-064D	Starlink-31507	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064E	Starlink-31543	5 April 2024	AFETR	93.46	43	444	444	C	-
2024-064F	Starlink-31366	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064G	Starlink-31374	5 April 2024	AFETR	93.25	43	436	431	C	-
2024-064H	Starlink-31400	5 April 2024	AFETR	93.47	43	445	443	C	-
2024-064J	Starlink-31391	5 April 2024	AFETR	93.47	43	446	443	C	-
2024-064K	Starlink-31387	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064L	Starlink-31367	5 April 2024	AFETR	93.47	43	445	443	C	-
2024-064M	Starlink-31396	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064N	Starlink-31412	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064P	Starlink-31483	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064Q	Starlink-31568	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064R	Starlink-31615	5 April 2024	AFETR	93.46	43	445	442	C	-
2024-064S	Starlink-31457	5 April 2024	AFETR	93.47	43	445	443	C	-
2024-064T	Starlink-31398	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064U	Starlink-31399	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064V	Starlink-31401	5 April 2024	AFETR	93.46	43	444	443	C	-
2024-064W	Starlink-31414	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064X	Starlink-31415	5 April 2024	AFETR	93.46	43	445	443	C	-
2024-064Y	Starlink-31466	5 April 2024	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)		
2024-065A	Starlink-11087	7 April 2024	AFWTR	91.64	53.16	356	354	C	-
2024-065B	Starlink-11090	7 April 2024	AFWTR	91.64	53.16	355	354	C	-
2024-065C	Starlink-11093	7 April 2024	AFWTR	91.63	53.16	356	353	C	-
2024-065D	Starlink-11083	7 April 2024	AFWTR	91.64	53.16	355	354	C	-
2024-065E	Starlink-11085	7 April 2024	AFWTR	91.64	53.15	355	355	C	-
2024-065F	Starlink-11089	7 April 2024	AFWTR	91.64	53.16	355	354	C	-
2024-065G	Starlink-31757	7 April 2024	AFWTR	93.15	53.16	430	428	C	-
2024-065H	Starlink-31752	7 April 2024	AFWTR	92.97	53.16	422	418	C	-
2024-065J	Starlink-31773	7 April 2024	AFWTR	93.53	53.16	448	447	C	-
2024-065K	Starlink-31772	7 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-065L	Starlink-31613	7 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-065M	Starlink-31780	7 April 2024	AFWTR	93.53	53.16	448	447	C	-
2024-065N	Starlink-31740	7 April 2024	AFWTR	93.53	53.16	448	447	C	-
2024-065P	Starlink-31580	7 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-065Q	Starlink-31696	7 April 2024	AFWTR	93.53	53.16	447	447	C	-
2024-065R	Starlink-31700	7 April 2024	AFWTR	93.53	53.16	448	447	C	-
2024-065S	Starlink-31706	7 April 2024	AFWTR	93.52	53.16	448	446	C	-
2024-065T	Starlink-31711	7 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-065U	Starlink-31708	7 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-065V	Starlink-31682	7 April 2024	AFWTR	91.39	53.16	344	342	C	-
2024-065W	Starlink-31693	7 April 2024	AFWTR	93.53	53.16	448	446	C	-
2024-066B	Hawk-8A	7 April 2024	AFETR	96.5	45.59	595	587	C	-
2024-066C	Capella-14 (Acadia)	7 April 2024	AFETR	96.46	45.61	594	584	C	-
2024-066D	Hawk-8B	7 April 2024	AFETR	96.49	45.62	595	586	C	-
2024-066E	Hawk-9A	7 April 2024	AFETR	96.48	45.61	594	586	C	-
2024-066G	Hawk-9C	7 April 2024	AFETR	96.48	45.6	594	586	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)		
2024-066H	Hawk-8C	7 April 2024	AFETR	96.5	45.61	594	588	C	-
2024-066J	Hawk-9B	7 April 2024	AFETR	96.48	45.62	594	586	C	-
2024-067A	USA 353	9 April 2024	AFETR	639.01	26.61	36 181	232	C	-
2024-067B	Delta 4 R/B	9 April 2024	AFETR	639.01	26.61	36 181	232	D	-
2024-068A	Starlink-31617	10 April 2024	AFETR	93.47	43	445	443	C	-
2024-068B	Starlink-31622	10 April 2024	AFETR	93.46	43	445	443	C	-
2024-068C	Starlink-31319	10 April 2024	AFETR	93.47	43	445	443	C	-
2024-068D	Starlink-31625	10 April 2024	AFETR	93.46	43	445	443	C	-
2024-068E	Starlink-31631	10 April 2024	AFETR	93.47	43	445	443	C	-
2024-068F	Starlink-31620	10 April 2024	AFETR	93.46	43	445	443	C	-
2024-068G	Starlink-31482	10 April 2024	AFETR	91.71	43	361	356	C	-
2024-068H	Starlink-31511	10 April 2024	AFETR	93.47	43	445	443	C	-
2024-068J	Starlink-31364	10 April 2024	AFETR	93.47	43	445	443	C	-
2024-068K	Starlink-31597	10 April 2024	AFETR	93.46	43	445	443	C	-
2024-068L	Starlink-31621	10 April 2024	AFETR	93.47	43	445	443	C	-
2024-068M	Starlink-31462	10 April 2024	AFETR	93.47	43	445	443	C	-
2024-068N	Starlink-31592	10 April 2024	AFETR	93.46	43	445	443	C	-
2024-068P	Starlink-31267	10 April 2024	AFETR	93.47	43	446	442	C	-
2024-068Q	Starlink-31381	10 April 2024	AFETR	93.47	43	445	444	C	-
2024-068R	Starlink-31546	10 April 2024	AFETR	93.47	43	445	443	C	-
2024-068S	Starlink-31575	10 April 2024	AFETR	93.47	43	445	443	C	-
2024-068T	Starlink-31375	10 April 2024	AFETR	93.46	43	445	443	C	-
2024-068U	Starlink-31610	10 April 2024	AFETR	93.46	43	445	443	C	-
2024-068V	Starlink-31581	10 April 2024	AFETR	93.46	43	445	443	C	-
2024-068W	Starlink-31566	10 April 2024	AFETR	93.46	43	445	443	C	-
2024-068X	Starlink-31515	10 April 2024	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)		
2024-068Y	Starlink-31531	10 April 2024	AFETR	93.47	43	446	442	C	-
2024-070A	WSF-M	11 April 2024	AFWTR	101.37	98.72	827	820	C	-
2024-071A	Starlink-31753	13 April 2024	AFETR	93.46	43	445	443	C	-
2024-071B	Starlink-31653	13 April 2024	AFETR	93.47	43	445	444	C	-
2024-071C	Starlink-31733	13 April 2024	AFETR	93.46	43	445	443	C	-
2024-071D	Starlink-31657	13 April 2024	AFETR	93.47	43	445	443	C	-
2024-071E	Starlink-31754	13 April 2024	AFETR	93.46	43	445	443	C	-
2024-071F	Starlink-31638	13 April 2024	AFETR	93.47	43	445	443	C	-
2024-071G	Starlink-31670	13 April 2024	AFETR	93.47	43	445	444	C	-
2024-071H	Starlink-31712	13 April 2024	AFETR	93.47	43	445	444	C	-
2024-071J	Starlink-31684	13 April 2024	AFETR	92.97	43	421	419	C	-
2024-071K	Starlink-31678	13 April 2024	AFETR	93.28	43	436	434	C	-
2024-071L	Starlink-31744	13 April 2024	AFETR	93.47	43	445	443	C	-
2024-071M	Starlink-31719	13 April 2024	AFETR	93.46	43	445	443	C	-
2024-071N	Starlink-31728	13 April 2024	AFETR	93.47	43	445	443	C	-
2024-071P	Starlink-31720	13 April 2024	AFETR	93.47	43	445	443	C	-
2024-071Q	Starlink-31731	13 April 2024	AFETR	93.46	43	445	443	C	-
2024-071R	Starlink-31742	13 April 2024	AFETR	93.46	43	445	443	C	-
2024-071S	Starlink-31512	13 April 2024	AFETR	93.47	43	444	444	C	-
2024-071T	Starlink-31458	13 April 2024	AFETR	93.47	43	445	443	C	-
2024-071U	Starlink-31357	13 April 2024	AFETR	93.47	43	445	444	C	-
2024-071V	Starlink-31508	13 April 2024	AFETR	93.47	43	445	443	C	-
2024-071W	Starlink-31535	13 April 2024	AFETR	93.28	43	436	434	C	-
2024-071X	Starlink-31533	13 April 2024	AFETR	93.46	43	445	443	C	-
2024-071Y	Starlink-31524	13 April 2024	AFETR	93.31	43	437	436	C	-
2024-073A	Starlink-31635	17 April 2024	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)		
2024-073B	Starlink-31650	17 April 2024	AFETR	93.47	43	445	443	C	-
2024-073C	Starlink-31658	17 April 2024	AFETR	90.46	43	299	295	C	-
2024-073D	Starlink-31664	17 April 2024	AFETR	93.39	43	441	440	C	-
2024-073E	Starlink-31669	17 April 2024	AFETR	93.47	43	445	443	C	-
2024-073F	Starlink-31671	17 April 2024	AFETR	93.05	43	425	423	C	-
2024-073G	Starlink-31674	17 April 2024	AFETR	93.47	43	445	443	C	-
2024-073H	Starlink-31672	17 April 2024	AFETR	91.97	43	372	370	C	-
2024-073J	Starlink-31679	17 April 2024	AFETR	93.47	43	446	442	C	-
2024-073K	Starlink-31370	17 April 2024	AFETR	92.89	43	418	414	C	-
2024-073L	Starlink-31404	17 April 2024	AFETR	93.04	43	424	423	C	-
2024-073M	Starlink-31453	17 April 2024	AFETR	93.3	43	437	435	C	-
2024-073N	Starlink-31476	17 April 2024	AFETR	93.48	43	446	444	C	-
2024-073P	Starlink-31376	17 April 2024	AFETR	93.47	43	445	444	C	-
2024-073Q	Starlink-31538	17 April 2024	AFETR	93.46	43	445	443	C	-
2024-073R	Starlink-31564	17 April 2024	AFETR	93.47	43	445	443	C	-
2024-073S	Starlink-31452	17 April 2024	AFETR	92.87	43	416	414	C	-
2024-073T	Starlink-31618	17 April 2024	AFETR	93.47	43	445	443	C	-
2024-073U	Starlink-31513	17 April 2024	AFETR	93	43	422	421	C	-
2024-073V	Starlink-31392	17 April 2024	AFETR	93.46	43	445	443	C	-
2024-073W	Starlink-31619	17 April 2024	AFETR	93.47	43	445	443	C	-
2024-073X	Starlink-31624	17 April 2024	AFETR	93.37	43	440	439	C	-
2024-073Y	Starlink-31509	17 April 2024	AFETR	93.25	43	434	433	C	-
2024-074A	Starlink-31734	18 April 2024	AFETR	93.46	43	445	443	C	-
2024-074B	Starlink-31738	18 April 2024	AFETR	91.74	43	361	359	C	-
2024-074C	Starlink-31721	18 April 2024	AFETR	93.46	43	445	443	C	-
2024-074D	Starlink-31737	18 April 2024	AFETR	92.91	43	418	416	C	-

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				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2024-074E	Starlink-31725	18 April 2024	AFETR	91.19	42.99	334	332	C	-
2024-074F	Starlink-31539	18 April 2024	AFETR	92.87	43	417	413	C	-
2024-074G	Starlink-31397	18 April 2024	AFETR	92.87	43	416	414	C	-
2024-074H	Starlink-31481	18 April 2024	AFETR	93.47	43	445	443	C	-
2024-074J	Starlink-31540	18 April 2024	AFETR	93.47	43	445	443	C	-
2024-074K	Starlink-31574	18 April 2024	AFETR	92.87	43	416	414	C	-
2024-074L	Starlink-31556	18 April 2024	AFETR	92.87	43	416	414	C	-
2024-074M	Starlink-31582	18 April 2024	AFETR	92.87	43	416	414	C	-
2024-074N	Starlink-31519	18 April 2024	AFETR	93.46	43	445	444	C	-
2024-074P	Starlink-31736	18 April 2024	AFETR	92.87	43	416	414	C	-
2024-074Q	Starlink-31675	18 April 2024	AFETR	93.47	43	446	443	C	-
2024-074R	Starlink-31722	18 April 2024	AFETR	93.46	43	444	444	C	-
2024-074S	Starlink-31741	18 April 2024	AFETR	93.47	43	445	443	C	-
2024-074T	Starlink-31699	18 April 2024	AFETR	93.43	43	444	441	C	-
2024-074U	Starlink-31750	18 April 2024	AFETR	93.14	43	429	427	C	-
2024-074V	Starlink-31723	18 April 2024	AFETR	93.22	43	433	432	C	-
2024-074W	Starlink-31724	18 April 2024	AFETR	92.87	43	416	414	C	-
2024-074X	Starlink-31730	18 April 2024	AFETR	92.87	43	416	414	C	-
2024-074Y	Starlink-31718	18 April 2024	AFETR	92.87	43	416	414	C	-
2024-076A	Starlink-31747	23 April 2024	AFETR	92.24	43	386	384	C	-
2024-076B	Starlink-31388	23 April 2024	AFETR	91.78	43	363	361	C	-
2024-076C	Starlink-31332	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076D	Starlink-31689	23 April 2024	AFETR	92.25	43	385	384	C	-
2024-076E	Starlink-31471	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076F	Starlink-31470	23 April 2024	AFETR	92.25	43	386	383	C	-
2024-076G	Starlink-31587	23 April 2024	AFETR	91.71	43	359	358	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)		
2024-076H	Starlink-31606	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076J	Starlink-31666	23 April 2024	AFETR	91.38	43	343	342	C	-
2024-076K	Starlink-31683	23 April 2024	AFETR	92.25	43	385	384	C	-
2024-076L	Starlink-31751	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076M	Starlink-31510	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076N	Starlink-31663	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076P	Starlink-31692	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076Q	Starlink-31685	23 April 2024	AFETR	92.25	43	385	384	C	-
2024-076R	Starlink-31686	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076S	Starlink-31668	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076T	Starlink-31690	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076U	Starlink-31701	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076V	Starlink-31697	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076W	Starlink-31662	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076X	Starlink-31702	23 April 2024	AFETR	92.25	43	386	384	C	-
2024-076Y	Starlink-31704	23 April 2024	AFETR	91.5	43	350	346	C	-
2024-077B	ACS 3	23 April 2024	RLLC	105.29	97.41	1 023	993	C	-
2024-079B	Falcon 9 R/B	28 April 2024	AFETR	832.3	54.67	22 936	22 928	D	-
2024-080A	Starlink-31770	28 April 2024	AFETR	92.63	43	404	403	C	-
2024-080B	Starlink-31778	28 April 2024	AFETR	92.63	43	405	403	C	-
2024-080C	Starlink-31776	28 April 2024	AFETR	92.63	43	404	403	C	-
2024-080D	Starlink-31765	28 April 2024	AFETR	92.63	43	405	403	C	-
2024-080E	Starlink-31767	28 April 2024	AFETR	92.63	43	405	403	C	-
2024-080F	Starlink-31782	28 April 2024	AFETR	92.63	43	405	403	C	-
2024-080G	Starlink-31755	28 April 2024	AFETR	92.63	43	405	403	C	-
2024-080H	Starlink-31585	28 April 2024	AFETR	92.63	43	404	403	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)		
2024-080J	Starlink-31667	28 April 2024	AFETR	92.63	43	405	403	C	-
2024-080K	Starlink-31729	28 April 2024	AFETR	92.63	43	405	403	C	-
2024-080L	Starlink-31448	28 April 2024	AFETR	92.63	43	405	403	C	-
2024-080M	Starlink-31748	28 April 2024	AFETR	92.67	43	406	404	C	-
2024-080N	Starlink-31746	28 April 2024	AFETR	92.32	43	389	388	C	-
2024-080P	Starlink-31762	28 April 2024	AFETR	92.64	43	405	403	C	-
2024-080Q	Starlink-31761	28 April 2024	AFETR	92.64	43	405	403	C	-
2024-080R	Starlink-31768	28 April 2024	AFETR	92.65	43	406	403	C	-
2024-080S	Starlink-31769	28 April 2024	AFETR	92.64	43	405	403	C	-
2024-080T	Starlink-31784	28 April 2024	AFETR	92.64	43	405	403	C	-
2024-080U	Starlink-31777	28 April 2024	AFETR	92.64	43	405	403	C	-
2024-080V	Starlink-31771	28 April 2024	AFETR	92.64	43	405	403	C	-
2024-080W	Starlink-31758	28 April 2024	AFETR	92.64	43	405	403	C	-
2024-080X	Starlink-31774	28 April 2024	AFETR	92.64	43	405	403	C	-
2024-080Y	Starlink-31763	28 April 2024	AFETR	92.64	43	405	403	C	-

The following objects not previously reported were identified after the last report and remained in orbit as at 2359Z on 30 April 2024:

1998-067WM	Burstcube	18 April 2024	ISS	92.57	51.64	402	398	C	-
1998-067WN	SNoOPI	18 April 2024	ISS	92.61	51.64	405	400	C	-

The following objects achieved orbit after the last report but were no longer in orbit as at 2359Z on 30 April 2024:

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 30 April 2024:

2017-036S	-	-	-	-	-	-	-	-	1 April 2024
2020-055BQ	-	-	-	-	-	-	-	-	1 April 2024
2024-041T	-	-	-	-	-	-	-	-	6 April 2024

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)		
2022-057X	-	-	-	-	-	-	-	-	8 April 2024
2020-011D	-	-	-	-	-	-	-	-	9 April 2024
2021-006S	-	-	-	-	-	-	-	-	9 April 2024
2021-058H	-	-	-	-	-	-	-	-	9 April 2024
2020-001AJ	-	-	-	-	-	-	-	-	11 April 2024
2004-009D	-	-	-	-	-	-	-	-	11 April 2024
2020-061BC	-	-	-	-	-	-	-	-	11 April 2024
2022-057AX	-	-	-	-	-	-	-	-	11 April 2024
2021-017S	-	-	-	-	-	-	-	-	13 April 2024
2021-024BC	-	-	-	-	-	-	-	-	13 April 2024
2022-047Q	-	-	-	-	-	-	-	-	13 April 2024
2022-141AS	-	-	-	-	-	-	-	-	15 April 2024
2020-061AT	-	-	-	-	-	-	-	-	17 April 2024
1963-014Z	-	-	-	-	-	-	-	-	18 April 2024
2022-057AN	-	-	-	-	-	-	-	-	18 April 2024
2020-055AS	-	-	-	-	-	-	-	-	22 April 2024
2011-011B	-	-	-	-	-	-	-	-	23 April 2024
2020-061L	-	-	-	-	-	-	-	-	23 April 2024
2022-047P	-	-	-	-	-	-	-	-	23 April 2024
2022-057AM	-	-	-	-	-	-	-	-	23 April 2024
2021-002C	-	-	-	-	-	-	-	-	24 April 2024
2019-038AD	-	-	-	-	-	-	-	-	27 April 2024
2021-115H	-	-	-	-	-	-	-	-	27 April 2024
2022-047R	-	-	-	-	-	-	-	-	28 April 2024
2021-006BQ	-	-	-	-	-	-	-	-	29 April 2024
2021-006CQ	-	-	-	-	-	-	-	-	29 April 2024

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)		
2022-002BQ	-	-	-	-	-	-	-	-	29 April 2024
2022-047T	-	-	-	-	-	-	-	-	29 April 2024
2022-047U	-	-	-	-	-	-	-	-	29 April 2024
2023-054AE	-	-	-	-	-	-	-	-	29 April 2024
2021-002L	-	-	-	-	-	-	-	-	30 April 2024
2021-059AD	-	-	-	-	-	-	-	-	30 April 2024
2022-047A	-	-	-	-	-	-	-	-	30 April 2024
2022-047V	-	-	-	-	-	-	-	-	30 April 2024
2024-054A	-	-	-	-	-	-	-	-	30 April 2024

The following objects were not previously reported and were no longer in orbit as at 2359Z on 30 April 2024:

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; AFWTR, United States Air Force Western Test Range; ISS, International Space Station; and 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 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