



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

Note verbale dated 20 December 2023 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 September 2023 (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 22 December 2023.



Registration data on space launches by the United States of America for September 2023*

The following report supplements the registration data on United States space launches as at 30 September 2023.

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 September 2023:									
2023-131A	Starlink-30375	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131B	Starlink-30310	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131C	Starlink-30365	1 September 2023	AFETR	95.71	43	554	552	C	-
2023-131D	Starlink-30371	1 September 2023	AFETR	95.71	43	554	552	C	-
2023-131E	Starlink-30352	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131F	Starlink-30344	1 September 2023	AFETR	95.01	43	520	518	C	-
2023-131G	Starlink-30351	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131H	Starlink-30242	1 September 2023	AFETR	92.78	43	412	410	C	-
2023-131J	Starlink-30331	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131K	Starlink-30364	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131L	Starlink-30308	1 September 2023	AFETR	95.71	43	554	552	C	-
2023-131M	Starlink-30361	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131N	Starlink-30363	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131P	Starlink-30362	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131Q	Starlink-30350	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131R	Starlink-30307	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131S	Starlink-30356	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131T	Starlink-30366	1 September 2023	AFETR	95.01	43	519	518	C	-
2023-131U	Starlink-30357	1 September 2023	AFETR	94.99	43	519	517	C	-
2023-131V	Starlink-30370	1 September 2023	AFETR	94.64	43	502	500	C	-
2023-131W	Starlink-30368	1 September 2023	AFETR	95.84	43	560	558	C	-
2023-131X	Starlink-30343	1 September 2023	AFETR	94.99	43	518	518	C	-
2023-133A	Wildfire 4	2 September 2023	AFWTR	103.89	81	950	935	C	-
2023-133B	BB4	2 September 2023	AFWTR	103.9	81	950	935	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)		
2023-133C	Wildfire 3	2 September 2023	AFWTR	103.91	81	950	936	C	-
2023-133D	BB3	2 September 2023	AFWTR	103.92	81	950	937	C	-
2023-133E	Wildfire 7	2 September 2023	AFWTR	103.99	81	951	943	C	-
2023-133F	Checkmate 10	2 September 2023	AFWTR	103.95	81	950	940	C	-
2023-133G	Wildfire 6	2 September 2023	AFWTR	103.97	81	951	942	C	-
2023-133H	Wildfire 1	2 September 2023	AFWTR	103.94	81	950	939	C	-
2023-133J	Wildfire 9	2 September 2023	AFWTR	103.97	81	951	941	C	-
2023-133K	Wildfire 10	2 September 2023	AFWTR	103.95	81	950	940	C	-
2023-133L	Wildfire 2	2 September 2023	AFWTR	103.98	81	951	942	C	-
2023-133M	Wildfire 8	2 September 2023	AFWTR	103.96	81	951	941	C	-
2023-133N	Wildfire 5	2 September 2023	AFWTR	103.96	81	950	941	C	-
2023-134A	Starlink-30397	4 September 2023	AFETR	94.99	43	519	518	C	-
2023-134B	Starlink-30354	4 September 2023	AFETR	94.99	43	519	517	C	-
2023-134C	Starlink-30383	4 September 2023	AFETR	94.99	43	518	518	C	-
2023-134D	Starlink-30384	4 September 2023	AFETR	94.99	43	519	517	C	-
2023-134E	Starlink-30305	4 September 2023	AFETR	94.99	43	518	518	C	-
2023-134F	Starlink-30360	4 September 2023	AFETR	94.99	43	518	518	C	-
2023-134G	Starlink-30355	4 September 2023	AFETR	95.72	43	554	552	C	-
2023-134H	Starlink-30385	4 September 2023	AFETR	94.99	43	519	517	C	-
2023-134J	Starlink-30359	4 September 2023	AFETR	94.99	43	519	517	C	-
2023-134K	Starlink-30380	4 September 2023	AFETR	94.99	43	519	517	C	-
2023-134L	Starlink-30369	4 September 2023	AFETR	95.07	43	523	521	C	-
2023-134M	Starlink-30376	4 September 2023	AFETR	94.99	43	519	518	C	-
2023-134N	Starlink-30389	4 September 2023	AFETR	94.99	43	519	518	C	-
2023-134P	Starlink-30388	4 September 2023	AFETR	94.99	43	518	518	C	-
2023-134Q	Starlink-30381	4 September 2023	AFETR	95.71	43	554	552	C	-
2023-134R	Starlink-30382	4 September 2023	AFETR	94.99	43	519	518	C	-
2023-134S	Starlink-30378	4 September 2023	AFETR	94.99	43	519	518	C	-
2023-134T	Starlink-30387	4 September 2023	AFETR	94.99	43	519	517	C	-
2023-134U	Starlink-30372	4 September 2023	AFETR	94.99	43	519	518	C	-
2023-134V	Starlink-30373	4 September 2023	AFETR	95.72	43	555	552	C	-
2023-134W	Starlink-30367	4 September 2023	AFETR	94.99	43	519	518	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)		
2023-138A	Starlink-30304	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138B	Starlink-30374	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138C	Starlink-30394	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138D	Starlink-30379	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138E	Starlink-30395	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138F	Starlink-30403	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138G	Starlink-30413	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138H	Starlink-30398	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138J	Starlink-30386	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138K	Starlink-30391	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138L	Starlink-30401	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138M	Starlink-30390	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138N	Starlink-30409	9 September 2023	AFETR	95.72	43	554	553	C	-
2023-138P	Starlink-30415	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138Q	Starlink-30417	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138R	Starlink-30407	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138S	Starlink-30408	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138T	Starlink-30377	9 September 2023	AFETR	95.72	43	555	552	C	-
2023-138U	Starlink-30422	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138V	Starlink-30402	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-138W	Starlink-30411	9 September 2023	AFETR	95.66	43	552	550	C	-
2023-138X	Starlink-30418	9 September 2023	AFETR	94.99	43	519	517	C	-
2023-140A	USA 346	10 September 2023	AFETR	639.4	26.9	36 218	196	C	-
2023-140B	USA 347	10 September 2023	AFETR	639.4	26.9	36 218	196	C	-
2023-140C	USA 348	10 September 2023	AFETR	639.4	26.9	36 218	196	C	-
2023-140D	Atlas 5 Centaur R/B	10 September 2023	AFETR	639.4	26.9	36 218	196	D	-
2023-141A	Starlink-30285	12 September 2023	AFWTR	94.66	53.05	503	501	C	-
2023-141B	Starlink-30410	12 September 2023	AFWTR	94.81	53.05	510	509	C	-
2023-141C	Starlink-30435	12 September 2023	AFWTR	94.81	53.05	511	508	C	-
2023-141D	Starlink-30423	12 September 2023	AFWTR	94.81	53.05	511	508	C	-
2023-141E	Starlink-30292	12 September 2023	AFWTR	94.82	53.05	511	509	C	-
2023-141F	Starlink-30419	12 September 2023	AFWTR	90.93	53.05	322	318	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)		
2023-141G	Starlink-30420	12 September 2023	AFWTR	93.02	53.05	424	421	C	-
2023-141H	Starlink-30416	12 September 2023	AFWTR	94.82	53.05	511	509	C	-
2023-141J	Starlink-30426	12 September 2023	AFWTR	94.81	53.06	510	509	C	-
2023-141K	Starlink-30430	12 September 2023	AFWTR	94.65	53.05	502	501	C	-
2023-141L	Starlink-30425	12 September 2023	AFWTR	94.81	53.05	510	508	C	-
2023-141M	Starlink-30405	12 September 2023	AFWTR	94.8	53.06	510	508	C	-
2023-141N	Starlink-30431	12 September 2023	AFWTR	94.81	53.05	510	509	C	-
2023-141P	Starlink-30404	12 September 2023	AFWTR	94.81	53.05	511	508	C	-
2023-141Q	Starlink-30412	12 September 2023	AFWTR	94.82	53.05	511	509	C	-
2023-141R	Starlink-30392	12 September 2023	AFWTR	94.82	53.05	511	508	C	-
2023-141S	Starlink-30291	12 September 2023	AFWTR	94.82	53.05	511	508	C	-
2023-141T	Starlink-30424	12 September 2023	AFWTR	91.73	53.05	360	359	C	-
2023-141U	Starlink-30290	12 September 2023	AFWTR	94.81	53.05	510	509	C	-
2023-141V	Starlink-30414	12 September 2023	AFWTR	94.81	53.05	511	508	C	-
2023-141W	Starlink-30272	12 September 2023	AFWTR	94.82	53.05	511	509	C	-
2023-142A	Victus Nox	15 September 2023	AFWTR	94.47	97.32	528	458	C	-
2023-144A	Starlink-30432	16 September 2023	AFETR	94.99	43	519	517	C	-
2023-144B	Starlink-30427	16 September 2023	AFETR	94.99	43	519	517	C	-
2023-144C	Starlink-30393	16 September 2023	AFETR	94.49	43	495	493	C	-
2023-144D	Starlink-30439	16 September 2023	AFETR	94.99	43	519	517	C	-
2023-144E	Starlink-30442	16 September 2023	AFETR	94.25	43	484	481	C	-
2023-144F	Starlink-30441	16 September 2023	AFETR	94.26	43	483	482	C	-
2023-144G	Starlink-30460	16 September 2023	AFETR	94.97	43	518	516	C	-
2023-144H	Starlink-30444	16 September 2023	AFETR	94.89	43	514	513	C	-
2023-144J	Starlink-30446	16 September 2023	AFETR	93.69	43	456	454	C	-
2023-144K	Starlink-30445	16 September 2023	AFETR	94.29	43	485	484	C	-
2023-144L	Starlink-30447	16 September 2023	AFETR	91.5	43	350	347	C	-
2023-144M	Starlink-30434	16 September 2023	AFETR	94.83	43	511	509	C	-
2023-144N	Starlink-30429	16 September 2023	AFETR	94.8	43	510	508	C	-
2023-144P	Starlink-30284	16 September 2023	AFETR	90.68	42.99	309	307	C	-
2023-144Q	Starlink-30433	16 September 2023	AFETR	94.74	43	507	505	C	-
2023-144R	Starlink-30358	16 September 2023	AFETR	94.73	43	507	504	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)		
2023-144S	Starlink-30436	16 September 2023	AFETR	94.66	43	503	501	C	-
2023-144T	Starlink-30406	16 September 2023	AFETR	94.69	43	505	502	C	-
2023-144U	Starlink-30339	16 September 2023	AFETR	94.63	43	502	500	C	-
2023-144V	Starlink-30282	16 September 2023	AFETR	94.6	43	500	498	C	-
2023-144W	Starlink-30340	16 September 2023	AFETR	94.57	43	499	497	C	-
2023-144X	Starlink-30279	16 September 2023	AFETR	94.57	43	499	497	C	-
2023-146A	Starlink-30465	20 September 2023	AFETR	93.63	43	453	451	C	-
2023-146B	Starlink-30470	20 September 2023	AFETR	93.6	43	452	450	C	-
2023-146C	Starlink-30473	20 September 2023	AFETR	92.93	43	419	417	C	-
2023-146D	Starlink-30443	20 September 2023	AFETR	93.55	43	449	447	C	-
2023-146E	Starlink-30467	20 September 2023	AFETR	93.57	43	450	448	C	-
2023-146F	Starlink-30469	20 September 2023	AFETR	93.52	43	448	446	C	-
2023-146G	Starlink-30474	20 September 2023	AFETR	93.49	43	446	444	C	-
2023-146H	Starlink-30479	20 September 2023	AFETR	93.47	43	445	443	C	-
2023-146J	Starlink-30481	20 September 2023	AFETR	93.44	43	444	442	C	-
2023-146K	Starlink-30457	20 September 2023	AFETR	93.42	43	442	441	C	-
2023-146L	Starlink-30472	20 September 2023	AFETR	93.31	43	438	435	C	-
2023-146M	Starlink-30462	20 September 2023	AFETR	93.39	43	441	439	C	-
2023-146N	Starlink-30449	20 September 2023	AFETR	93.28	43	436	434	C	-
2023-146P	Starlink-30466	20 September 2023	AFETR	93.36	43	440	438	C	-
2023-146Q	Starlink-30451	20 September 2023	AFETR	93.25	43	434	433	C	-
2023-146R	Starlink-30428	20 September 2023	AFETR	93.33	43	439	437	C	-
2023-146S	Starlink-30482	20 September 2023	AFETR	93.31	43	437	435	C	-
2023-146T	Starlink-30464	20 September 2023	AFETR	93.25	43	435	433	C	-
2023-146U	Starlink-30463	20 September 2023	AFETR	93.28	43	436	434	C	-
2023-146V	Starlink-30453	20 September 2023	AFETR	93.25	43	435	432	C	-
2023-146W	Starlink-30478	20 September 2023	AFETR	93.23	43	433	432	C	-
2023-146X	Starlink-30477	20 September 2023	AFETR	93.22	43	433	431	C	-
2023-147A	Starlink-30450	24 September 2023	AFETR	92.24	43	386	384	C	-
2023-147B	Starlink-30483	24 September 2023	AFETR	92.24	43	386	383	C	-
2023-147C	Starlink-30454	24 September 2023	AFETR	92.24	43	386	383	C	-
2023-147D	Starlink-30491	24 September 2023	AFETR	92.24	43	385	384	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)		
2023-147E	Starlink-30501	24 September 2023	AFETR	92.24	43	385	384	C	-
2023-147F	Starlink-30499	24 September 2023	AFETR	92.24	43	386	383	C	-
2023-147G	Starlink-30496	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-147H	Starlink-30485	24 September 2023	AFETR	92.24	43	385	384	C	-
2023-147J	Starlink-30492	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-147K	Starlink-30490	24 September 2023	AFETR	87.73	43	163	161	C	-
2023-147L	Starlink-30440	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-147M	Starlink-30487	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-147N	Starlink-30452	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-147P	Starlink-30468	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-147Q	Starlink-30459	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-147R	Starlink-30448	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-147S	Starlink-30475	24 September 2023	AFETR	92.23	43	385	383	C	-
2023-147T	Starlink-30476	24 September 2023	AFETR	90.84	43	317	314	C	-
2023-147U	Starlink-30488	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-147V	Starlink-30471	24 September 2023	AFETR	92.23	43	385	383	C	-
2023-147W	Starlink-30461	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-147X	Starlink-30458	24 September 2023	AFETR	92.24	43	385	383	C	-
2023-148A	Starlink-30712	25 September 2023	AFWTR	91.69	53.05	358	357	C	-
2023-148B	Starlink-30716	25 September 2023	AFWTR	91.69	53.05	358	357	C	-
2023-148C	Starlink-30400	25 September 2023	AFWTR	91.69	53.05	358	357	C	-
2023-148D	Starlink-30710	25 September 2023	AFWTR	91.32	53.05	340	338	C	-
2023-148E	Starlink-30714	25 September 2023	AFWTR	91.69	53.05	358	357	C	-
2023-148F	Starlink-30711	25 September 2023	AFWTR	91.69	53.05	358	357	C	-
2023-148G	Starlink-30715	25 September 2023	AFWTR	91.69	53.05	358	357	C	-
2023-148H	Starlink-30455	25 September 2023	AFWTR	91.69	53.05	357	357	C	-
2023-148J	Starlink-30456	25 September 2023	AFWTR	91.69	53.05	358	357	C	-
2023-148K	Starlink-30708	25 September 2023	AFWTR	91.68	53.05	358	357	C	-
2023-148L	Starlink-30705	25 September 2023	AFWTR	91.68	53.05	358	357	C	-
2023-148M	Starlink-30704	25 September 2023	AFWTR	91.67	53.06	357	356	C	-
2023-148N	Starlink-30706	25 September 2023	AFWTR	91.59	53.05	354	351	C	-
2023-148P	Starlink-30709	25 September 2023	AFWTR	91.62	53.05	355	353	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)		
2023-148Q	Starlink-30707	25 September 2023	AFWTR	91.58	53.05	353	352	C	-
2023-148R	Starlink-30701	25 September 2023	AFWTR	91.61	53.05	354	353	C	-
2023-148S	Starlink-30399	25 September 2023	AFWTR	91.59	53.05	353	352	C	-
2023-148T	Starlink-30713	25 September 2023	AFWTR	91.61	53.05	355	353	C	-
2023-148U	Starlink-30700	25 September 2023	AFWTR	90.72	53.05	310	309	C	-
2023-148V	Starlink-30703	25 September 2023	AFWTR	90.72	53.05	312	308	C	-
2023-148W	Starlink-30702	25 September 2023	AFWTR	90.72	53.05	311	308	C	-
2023-151A	Starlink-30396	30 September 2023	AFETR	91.22	43	335	333	C	-
2023-151B	Starlink-30524	30 September 2023	AFETR	91.22	42.99	335	333	C	-
2023-151C	Starlink-30521	30 September 2023	AFETR	91.23	42.99	336	334	C	-
2023-151D	Starlink-30528	30 September 2023	AFETR	91.22	43	336	334	C	-
2023-151E	Starlink-30495	30 September 2023	AFETR	91.23	43	336	334	C	-
2023-151F	Starlink-30484	30 September 2023	AFETR	91.24	43	336	334	C	-
2023-151G	Starlink-30494	30 September 2023	AFETR	91.24	43	337	334	C	-
2023-151H	Starlink-30498	30 September 2023	AFETR	91.24	43	337	334	C	-
2023-151J	Starlink-30505	30 September 2023	AFETR	91.25	43	337	335	C	-
2023-151K	Starlink-30502	30 September 2023	AFETR	91.25	43	337	335	C	-
2023-151L	Starlink-30489	30 September 2023	AFETR	91.26	43	337	335	C	-
2023-151M	Starlink-30503	30 September 2023	AFETR	91.26	43	338	335	C	-
2023-151N	Starlink-30512	30 September 2023	AFETR	91.26	43	338	335	C	-
2023-151P	Starlink-30509	30 September 2023	AFETR	91.27	43	338	336	C	-
2023-151Q	Starlink-30511	30 September 2023	AFETR	91.28	43	338	336	C	-
2023-151R	Starlink-30508	30 September 2023	AFETR	91.28	43	339	336	C	-
2023-151S	Starlink-30504	30 September 2023	AFETR	91.27	43	338	336	C	-
2023-151T	Starlink-30510	30 September 2023	AFETR	91.29	43	339	337	C	-
2023-151U	Starlink-30507	30 September 2023	AFETR	91.29	43	339	337	C	-
2023-151V	Starlink-30515	30 September 2023	AFETR	91.29	43	339	337	C	-
2023-151W	Starlink-30516	30 September 2023	AFETR	91.3	43	340	337	C	-
2023-151X	Starlink-30519	30 September 2023	AFETR	91.31	42.99	340	337	C	-
The following objects not previously reported were identified after the last report and remained in orbit as at 2359Z on 30 September 2023:									
2023-084AE	Orbiter SN3	12 June 2023	AFWTR	95.07	97.53	531	513	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)		
The following objects achieved orbit after the last report but were no longer in orbit as at 2359Z on 30 September 2023:									
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 September 2023:									
2023-027A	-	-	-	-	-	-	-	-	4 September 2023
2023-065M	-	-	-	-	-	-	-	-	4 September 2023
2017-036T	-	-	-	-	-	-	-	-	6 September 2023
2022-002CR	-	-	-	-	-	-	-	-	6 September 2023
2023-107X	-	-	-	-	-	-	-	-	7 September 2023
2017-036G	-	-	-	-	-	-	-	-	8 September 2023
2023-119T	-	-	-	-	-	-	-	-	10 September 2023
2019-074AC	-	-	-	-	-	-	-	-	11 September 2023
2023-026H	-	-	-	-	-	-	-	-	13 September 2023
2009-043C	-	-	-	-	-	-	-	-	18 September 2023
1963-047T	-	-	-	-	-	-	-	-	19 September 2023
1972-058HQ	-	-	-	-	-	-	-	-	19 September 2023
2019-081K	-	-	-	-	-	-	-	-	19 September 2023
2020-085A	-	-	-	-	-	-	-	-	21 September 2023
2017-036J	-	-	-	-	-	-	-	-	22 September 2023
2019-074U	-	-	-	-	-	-	-	-	22 September 2023
2021-006BN	-	-	-	-	-	-	-	-	22 September 2023
2023-112B	-	-	-	-	-	-	-	-	22 September 2023
2023-026V	-	-	-	-	-	-	-	-	23 September 2023
2020-035AP	-	-	-	-	-	-	-	-	24 September 2023
2021-017BK	-	-	-	-	-	-	-	-	25 September 2023
2021-021AC	-	-	-	-	-	-	-	-	27 September 2023
2023-015AD	-	-	-	-	-	-	-	-	27 September 2023
2020-001AV	-	-	-	-	-	-	-	-	29 September 2023
1989-021C	-	-	-	-	-	-	-	-	30 September 2023

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 not previously reported and were no longer in orbit as at 2359Z on 30 September 2023:									
None.									
The following objects were deployed on a non-Earth celestial body:									
None.									
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; 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
- 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