



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

Note verbale dated 12 April 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 January 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 18 April 2023.



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

The following report supplements the registration data on United States space launches as at 31 January 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	
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)	object	Date of decay
The following objects were launched after the last report and remained in orbit as at 2359Z on 31 January 2023:									
2023-001M	Flock 4Y 24	3 January 2023	AFETR	95.13	97.49	533	516	C	-
2023-001N	Flock 4Y 32	3 January 2023	AFETR	95.13	97.49	533	516	C	-
2023-001P	Flock 4Y 22	3 January 2023	AFETR	95.12	97.5	533	516	C	-
2023-001Q	Flock 4Y 18	3 January 2023	AFETR	95.13	97.5	533	516	C	-
2023-001R	Flock 4Y 14	3 January 2023	AFETR	95.12	97.5	533	516	C	-
2023-001S	Flock 4Y 30	3 January 2023	AFETR	95.11	97.5	533	515	C	-
2023-001T	Flock 4Y 19	3 January 2023	AFETR	95.12	97.49	533	516	C	-
2023-001U	Flock 4Y 25	3 January 2023	AFETR	95.11	97.49	533	516	C	-
2023-001V	Flock 4Y 5	3 January 2023	AFETR	95.11	97.5	533	515	C	-
2023-001W	Flock 4Y 10	3 January 2023	AFETR	95.11	97.5	533	515	C	-
2023-001X	Flock 4Y 29	3 January 2023	AFETR	95.11	97.49	532	515	C	-
2023-001Y	Flock 4Y 17	3 January 2023	AFETR	95.12	97.5	533	516	C	-
2023-001Z	Flock 4Y 7	3 January 2023	AFETR	95.1	97.5	532	514	C	-
2023-001AA	Flock 4Y 28	3 January 2023	AFETR	95.1	97.49	532	515	C	-
2023-001AB	Lynk Tower 4	3 January 2023	AFETR	95.19	97.5	537	518	C	-
2023-001AC	Flock 4Y 3	3 January 2023	AFETR	95.11	97.49	535	513	C	-
2023-001AD	Umbra-05	3 January 2023	AFETR	95.03	97.5	530	510	C	-
2023-001AG	Flock 4Y 1	3 January 2023	AFETR	95.1	97.49	533	514	C	-
2023-001AH	Flock 4Y 16	3 January 2023	AFETR	95.1	97.5	532	514	C	-
2023-001AK	Flock 4Y 33	3 January 2023	AFETR	95.1	97.49	533	514	C	-
2023-001AL	Flock 4Y 11	3 January 2023	AFETR	95.09	97.5	532	514	C	-
2023-001AP	Lynk Tower 3	3 January 2023	AFETR	95.18	97.5	537	518	C	-
2023-001AT	Umbra-04	3 January 2023	AFETR	95.05	97.5	530	512	C	-
2023-001AY	Flock 4Y 4	3 January 2023	AFETR	95.11	97.5	535	514	C	-
2023-001AZ	Vigoride 5	3 January 2023	AFETR	95.14	97.5	535	515	C	-
2023-001BA	Flock 4Y 35	3 January 2023	AFETR	95.1	97.5	533	514	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	
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Date of decay
2023-001BF	ICEYE-X27	3 January 2023	AFETR	95.12	97.5	535	514	C	-
2023-001BG	Flock 4Y 20	3 January 2023	AFETR	95.11	97.5	535	513	C	-
2023-001BJ	Flock 4Y 12	3 January 2023	AFETR	95.11	97.5	535	513	C	-
2023-001BK	Flock 4Y 6	3 January 2023	AFETR	95.11	97.5	535	513	C	-
2023-001BM	Flock 4Y 15	3 January 2023	AFETR	95.09	97.49	535	512	C	-
2023-001BN	Flock 4Y 9	3 January 2023	AFETR	95.11	97.5	535	513	C	-
2023-001BP	Flock 4Y 26	3 January 2023	AFETR	95.1	97.49	535	512	C	-
2023-001BQ	Flock 4Y 8	3 January 2023	AFETR	95.11	97.49	535	512	C	-
2023-001BT	Flock 4Y 2	3 January 2023	AFETR	95.08	97.5	534	511	C	-
2023-001BU	Flock 4Y 36	3 January 2023	AFETR	95.09	97.5	534	511	C	-
2023-001BV	YAM-5	3 January 2023	AFETR	95.15	97.5	537	515	C	-
2023-001BW	Flock 4Y 21	3 January 2023	AFETR	95.08	97.5	534	512	C	-
2023-001BX	Flock 4Y 31	3 January 2023	AFETR	95.09	97.49	534	511	C	-
2023-001BY	Flock 4Y 13	3 January 2023	AFETR	95.1	97.5	535	512	C	-
2023-001BZ	Flock 4Y 23	3 January 2023	AFETR	95.09	97.49	534	511	C	-
2023-001CB	Flock 4Y 34	3 January 2023	AFETR	95.08	97.5	534	511	C	-
2023-001CC	Flock 4Y 27	3 January 2023	AFETR	95.09	97.5	535	511	C	-
2023-001CG	SpaceBEE-167	3 January 2023	AFETR	95.05	97.5	532	510	C	-
2023-001CJ	SpaceBEE-163	3 January 2023	AFETR	95.04	97.5	532	509	C	-
2023-001CL	SpaceBEE-164	3 January 2023	AFETR	95.04	97.5	532	509	C	-
2023-001CM	SpaceBEE-166	3 January 2023	AFETR	95.03	97.5	533	507	C	-
2023-001CP	SpaceBEE-165	3 January 2023	AFETR	95.03	97.49	531	509	C	-
2023-001CQ	SpaceBEE-162	3 January 2023	AFETR	95.04	97.49	532	509	C	-
2023-001CR	SpaceBEE-161	3 January 2023	AFETR	95.03	97.49	532	508	C	-
2023-001CS	SpaceBEE-160	3 January 2023	AFETR	95.03	97.49	532	508	C	-
2023-001CU	SpaceBEE-156	3 January 2023	AFETR	95.03	97.5	532	508	C	-
2023-001CV	SpaceBEE-158	3 January 2023	AFETR	95.03	97.5	532	508	C	-
2023-001CW	SpaceBEE-159	3 January 2023	AFETR	95.02	97.5	532	507	C	-
2023-001CX	SpaceBEE-157	3 January 2023	AFETR	95.02	97.49	531	508	C	-
2023-008A	USA 342	15 January 2023	AFETR	625.89	26.67	35528	183	C	-
2023-008B	LDPE-3A	15 January 2023	AFETR	625.89	26.67	35528	183	C	-
2023-008C	Falcon Heavy R/B	15 January 2023	AFETR	625.89	26.67	35528	183	D	-

<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>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	<i>of the space object</i>	<i>Date of decay</i>
2023-009A	Navstar 82 (USA 343)	18 January 2023	AFETR	717.95	55.1	20204	20160	C	-
2023-010A	Starlink-5277	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010B	Starlink-5301	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010C	Starlink-5306	19 January 2023	AFWTR	91.73	70	361	357	C	-
2023-010D	Starlink-5310	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010E	Starlink-5291	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010F	Starlink-5236	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010G	Starlink-5260	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010H	Starlink-5261	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010J	Starlink-5299	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010K	Starlink-5289	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010L	Starlink-5323	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010M	Starlink-5331	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010N	Starlink-5298	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010P	Starlink-5330	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010Q	Starlink-5317	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010R	Starlink-5337	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010S	Starlink-5332	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010T	Starlink-5338	19 January 2023	AFWTR	91.72	70	362	357	C	-
2023-010U	Starlink-5341	19 January 2023	AFWTR	91.67	70	359	354	C	-
2023-010V	Starlink-5311	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010W	Starlink-5320	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010X	Starlink-5266	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010Y	Starlink-5327	19 January 2023	AFWTR	91.72	70	362	357	C	-
2023-010Z	Starlink-5325	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010AA	Starlink-5287	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010AB	Starlink-5286	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010AC	Starlink-5293	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AD	Starlink-5285	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AE	Starlink-5284	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010AF	Starlink-5272	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AG	Starlink-5270	19 January 2023	AFWTR	91.72	70	361	357	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>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>		<i>Date of decay</i>
2023-010AH	Starlink-5308	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AK	Starlink-5321	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AL	Starlink-5322	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AM	Starlink-5318	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AN	Starlink-5316	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AP	Starlink-5295	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AQ	Starlink-5288	19 January 2023	AFWTR	91.73	70	361	357	C	-
2023-010AR	Starlink-5292	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AS	Starlink-5315	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AT	Starlink-5309	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AU	Starlink-5312	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AV	Starlink-5296	19 January 2023	AFWTR	91.46	69.99	348	344	C	-
2023-010AW	Starlink-5313	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AX	Starlink-5305	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010AY	Starlink-4623	19 January 2023	AFWTR	91.73	70	362	357	C	-
2023-010AZ	Starlink-5257	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010BA	Starlink-5265	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010BB	Starlink-5180	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-010BC	Starlink-5196	19 January 2023	AFWTR	91.72	70	361	357	C	-
2023-011A	Hawk-6B	24 January 2023	WLPIS	95.61	40.52	551	545	C	-
2023-011C	Hawk-6C	24 January 2023	WLPIS	95.62	40.49	551	546	C	-
2023-011D	Hawk-6A	24 January 2023	WLPIS	95.62	40.51	551	546	C	-
2023-013A	Starlink-5492	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013B	Starlink-5491	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013C	Starlink-5493	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013D	Starlink-5652	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013E	Starlink-5660	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013F	Starlink-5655	26 January 2023	AFETR	91.64	42.99	356	354	C	-
2023-013G	Starlink-5667	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013H	Starlink-5658	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013J	Starlink-5671	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013K	Starlink-5675	26 January 2023	AFETR	91.64	43	357	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	
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Date of decay
2023-013L	Starlink-5670	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013M	Starlink-5657	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013N	Starlink-5661	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013P	Starlink-5662	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013Q	Starlink-5653	26 January 2023	AFETR	91.64	43	357	354	C	-
2023-013R	Starlink-5631	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013S	Starlink-5663	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013T	Starlink-5609	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013U	Starlink-5666	26 January 2023	AFETR	91.64	43	356	353	C	-
2023-013V	Starlink-5668	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013W	Starlink-5659	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013X	Starlink-5547	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013Y	Starlink-5608	26 January 2023	AFETR	91.64	43	356	353	C	-
2023-013Z	Starlink-5649	26 January 2023	AFETR	91.64	43	357	354	C	-
2023-013AA	Starlink-5647	26 January 2023	AFETR	91.64	43	356	353	C	-
2023-013AB	Starlink-5083	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AC	Starlink-5651	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AD	Starlink-5622	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013AE	Starlink-5641	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AF	Starlink-5664	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AG	Starlink-5665	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013AH	Starlink-5574	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AJ	Starlink-5648	26 January 2023	AFETR	91.64	43	356	353	C	-
2023-013AK	Starlink-5627	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AL	Starlink-5639	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013AM	Starlink-5654	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013AN	Starlink-5635	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013AP	Starlink-5625	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AQ	Starlink-5644	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AR	Starlink-5027	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AS	Starlink-5590	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013AT	Starlink-5568	26 January 2023	AFETR	91.64	43	357	353	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>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	<i>of the space object</i>	<i>Date of decay</i>
2023-013AU	Starlink-5581	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AV	Starlink-5578	26 January 2023	AFETR	91.64	43	356	353	C	-
2023-013AW	Starlink-5588	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AX	Starlink-5586	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013AY	Starlink-5567	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013AZ	Starlink-5572	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013BA	Starlink-5569	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013BB	Starlink-5571	26 January 2023	AFETR	91.64	43	357	354	C	-
2023-013BC	Starlink-5575	26 January 2023	AFETR	91.64	43	357	354	C	-
2023-013BD	Starlink-5576	26 January 2023	AFETR	91.64	43	356	353	C	-
2023-013BE	Starlink-5531	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013BF	Starlink-5537	26 January 2023	AFETR	91.64	43	357	353	C	-
2023-013BG	Starlink-5556	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-013BH	Starlink-5555	26 January 2023	AFETR	91.64	43	356	354	C	-
2023-014A	Starlink-5077	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014B	Starlink-5085	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014C	Starlink-4786	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014D	Starlink-5230	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014E	Starlink-5274	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014F	Starlink-5283	31 January 2023	AFWTR	91.72	70	361	356	C	-
2023-014G	Starlink-5224	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014H	Starlink-5275	31 January 2023	AFWTR	91.73	70	362	357	C	-
2023-014J	Starlink-5276	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014K	Starlink-5632	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014L	Starlink-5076	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014M	Starlink-5071	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014N	Starlink-5597	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014P	Starlink-5607	31 January 2023	AFWTR	91.72	70	362	357	C	-
2023-014Q	Starlink-5623	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014R	Starlink-5630	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014S	Starlink-5019	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014T	Starlink-5092	31 January 2023	AFWTR	91.72	70	361	357	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>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	<i>of the space object</i>	<i>Date of decay</i>
2023-014U	Starlink-5047	31 January 2023	AFWTR	91.73	70	361	357	C	-
2023-014V	Starlink-5633	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014W	Starlink-5605	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014X	Starlink-5033	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014Y	Starlink-5060	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014Z	Starlink-5620	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AA	Starlink-5618	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AB	Starlink-5624	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AC	Starlink-5616	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AD	Starlink-5030	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AE	Starlink-5629	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AF	Starlink-5604	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AG	Starlink-5598	31 January 2023	AFWTR	91.72	70	362	357	C	-
2023-014AH	Starlink-5006	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AJ	Starlink-5068	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AK	Starlink-5066	31 January 2023	AFWTR	88.29	69.98	195	185	C	-
2023-014AL	Starlink-5615	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AM	Starlink-5638	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AN	Starlink-5073	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AP	Starlink-5064	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AQ	Starlink-5645	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AR	Starlink-5642	31 January 2023	AFWTR	92.57	70	403	398	C	-
2023-014AS	Starlink-5643	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014AT	Starlink-5637	31 January 2023	AFWTR	92.58	70	403	398	C	-
2023-014AU	Starlink-5570	31 January 2023	AFWTR	92.57	70	403	398	C	-
2023-014AV	Starlink-5621	31 January 2023	AFWTR	92.58	70	403	399	C	-
2023-014AW	Starlink-5626	31 January 2023	AFWTR	92.58	70	403	399	C	-
2023-014AX	Starlink-5640	31 January 2023	AFWTR	92.58	70	403	399	C	-
2023-014AY	Starlink-5080	31 January 2023	AFWTR	92.58	70	403	399	C	-
2023-014AZ	Starlink-5074	31 January 2023	AFWTR	91.72	70	361	357	C	-
2023-014BA	Starlink-5634	31 January 2023	AFWTR	92.58	70	403	399	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	
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)	object	Date of decay
The following objects not previously reported were identified after the last report and remained in orbit as at 2359Z on 31 January 2023:									
2022-033A	Omni-L1	1 April 2022	AFETR	97.7	97.95	659	638	C	-
2022-057AR	Omni-L2	25 May 2022	AFETR	95.14	97.52	536	515	C	-
2022-074E	GPX2 3U	2 July 2022	WRAS	94.13	45	479	474	A	-
2022-144E	USA 340	1 November 2022	AFETR	647.46	26.3	36642	185	C	-
2022-144F	USA 341	1 November 2022	AFETR	647.46	26.3	36642	185	C	-
2022-144G	LINUSS1	1 November 2022	AFETR	647.46	26.3	36642	185	C	-
2022-144H	LINUSS2	1 November 2022	AFETR	647.46	26.3	36642	185	C	-
1998-067UQ	MARIO	29 December 2022	ISS	92.3	51.64	390	384	C	-
1998-067UV	TJREVERB	29 December 2022	ISS	92.44	51.64	398	391	C	-
1998-067UX	PetitSat	29 December 2022	ISS	92.23	51.64	389	379	C	-
The following objects achieved orbit after the last report but were no longer in orbit as at 2359Z on 31 January 2023:									
2023-010AJ	Starlink-5319	19 January 2023	AFWTR	87.17	69.99	144	124	C	31 January 2023
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 January 2023:									
2021-015H	-	-	-	-	-	-	-	-	2 January 2023
2017-008AF	-	-	-	-	-	-	-	-	3 January 2023
2017-008CL	-	-	-	-	-	-	-	-	3 January 2023
2018-111Z	-	-	-	-	-	-	-	-	3 January 2023
2017-008BK	-	-	-	-	-	-	-	-	4 January 2023
2018-111AF	-	-	-	-	-	-	-	-	4 January 2023
2021-015F	-	-	-	-	-	-	-	-	4 January 2023
2021-015G	-	-	-	-	-	-	-	-	4 January 2023
2017-008AC	-	-	-	-	-	-	-	-	6 January 2023
2017-008AL	-	-	-	-	-	-	-	-	6 January 2023
2017-008AH	-	-	-	-	-	-	-	-	7 January 2023
2017-008M	-	-	-	-	-	-	-	-	7 January 2023
2016-040H	-	-	-	-	-	-	-	-	8 January 2023
2017-008AD	-	-	-	-	-	-	-	-	8 January 2023
2000-075E	-	-	-	-	-	-	-	-	9 January 2023
2017-008CT	-	-	-	-	-	-	-	-	10 January 2023

<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>		
2017-008S	-	-	-	-	-	-	-	-	10 January 2023
2021-015E	-	-	-	-	-	-	-	-	10 January 2023
2022-159A	-	-	-	-	-	-	-	-	11 January 2023
2017-008AA	-	-	-	-	-	-	-	-	13 January 2023
2018-046F	-	-	-	-	-	-	-	-	13 January 2023
2018-096AD	-	-	-	-	-	-	-	-	13 January 2023
2018-111AC	-	-	-	-	-	-	-	-	14 January 2023
2017-008T	-	-	-	-	-	-	-	-	15 January 2023
2016-040L	-	-	-	-	-	-	-	-	16 January 2023
2016-040R	-	-	-	-	-	-	-	-	16 January 2023
2017-008CN	-	-	-	-	-	-	-	-	16 January 2023
2017-008CV	-	-	-	-	-	-	-	-	16 January 2023
2018-111AB	-	-	-	-	-	-	-	-	17 January 2023
2017-008BY	-	-	-	-	-	-	-	-	18 January 2023
2018-046G	-	-	-	-	-	-	-	-	18 January 2023
2017-008DH	-	-	-	-	-	-	-	-	19 January 2023
2017-008CJ	-	-	-	-	-	-	-	-	20 January 2023
2017-008CK	-	-	-	-	-	-	-	-	20 January 2023
2017-008CQ	-	-	-	-	-	-	-	-	20 January 2023
2007-006E	-	-	-	-	-	-	-	-	21 January 2023
2017-008CD	-	-	-	-	-	-	-	-	21 January 2023
2018-104E	-	-	-	-	-	-	-	-	14 December 2022
2018-111S	-	-	-	-	-	-	-	-	21 January 2023
1998-067UJ	-	-	-	-	-	-	-	-	22 January 2023
2017-008AQ	-	-	-	-	-	-	-	-	25 January 2023
2017-008U	-	-	-	-	-	-	-	-	25 January 2023
2018-099AK	-	-	-	-	-	-	-	-	25 January 2023
2017-008AB	-	-	-	-	-	-	-	-	27 January 2023
2017-008AT	-	-	-	-	-	-	-	-	27 January 2023
2017-008BR	-	-	-	-	-	-	-	-	27 January 2023
2017-008CA	-	-	-	-	-	-	-	-	27 January 2023
2017-008CX	-	-	-	-	-	-	-	-	27 January 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	
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Date of decay
2018-070B	-	-	-	-	-	-	-	-	27 January 2023
2017-008CR	-	-	-	-	-	-	-	-	28 January 2023
1998-067UH	-	-	-	-	-	-	-	-	31 January 2023
2017-008BL	-	-	-	-	-	-	-	-	31 January 2023
2017-008CH	-	-	-	-	-	-	-	-	31 January 2023
2018-111AG	-	-	-	-	-	-	-	-	31 January 2023
2021-013C	-	-	-	-	-	-	-	-	31 January 2023
2021-013E	-	-	-	-	-	-	-	-	31 January 2023
The following objects were not previously reported and were no longer in orbit as at 2359Z on 31 January 2023:									
2018-096AD	LEMUR 2 Vladimir	29 November 2018	-	-	-	-	-	-	13 January 2023
The following objects were deployed on a non-Earth celestial body:									
-	Ingenuity Rotorcraft	-	-	-	-	-	-	-	-
Revisions that should be made to previously reported data:									
None.									

Abbreviations and key

Location of the launch: AFETR, United States Air Force Eastern Test Range; AFWTR, United States Air Force Western Test Range; ISS, International Space Station; WLPIS, Wallops Island, United States; and WRAS, United States Western Range Air Space.

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