



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

Note verbale dated 7 November 2022 from the Permanent Mission of the United States of America to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United States of America to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution [3235 \(XXIX\)](#), annex), has the honour to transmit registration data on objects launched into outer space by the United States for August 2022 (see annex).¹

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

¹ The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 18 November 2022.



Annex

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

The following report supplements the registration data on United States space launches as at 31 August 2022.

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
The following objects were launched after the last report and remained in orbit as at 2359Z on 31 August 2022:									
2022-091A	USA 335	4 August 2022	RLLC	97.25	70.01	629	625	C	-
2022-092A	SBIRS-GEO 6 (USA 336)	4 August 2022	AFETR	1 436.23	6.54	35 797	35 781	C	-
2022-092B	Atlas 5 Centaur R/B	4 August 2022	AFETR	721.71	16.41	35 355	5 193	D	-
2022-094B	Falcon 9 R/B	4 August 2022	AFETR	Heliocentric orbit (Sun)				D	-
2022-097A	Starlink-4522	10 August 2022	AFETR	95.44	53.22	541	539	C	-
2022-097B	Starlink-4523	10 August 2022	AFETR	95.44	53.22	541	538	C	-
2022-097C	Starlink-4517	10 August 2022	AFETR	95.44	53.22	541	538	C	-
2022-097D	Starlink-4521	10 August 2022	AFETR	95.42	53.22	540	538	C	-
2022-097E	Starlink-4535	10 August 2022	AFETR	95.39	53.22	538	536	C	-
2022-097F	Starlink-4530	10 August 2022	AFETR	95.41	53.22	539	537	C	-
2022-097G	Starlink-4544	10 August 2022	AFETR	92.29	53.22	388	386	C	-
2022-097H	Starlink-4534	10 August 2022	AFETR	95.36	53.22	537	535	C	-
2022-097J	Starlink-4524	10 August 2022	AFETR	95.28	53.22	533	531	C	-
2022-097K	Starlink-4515	10 August 2022	AFETR	95.34	53.22	536	534	C	-
2022-097L	Starlink-4512	10 August 2022	AFETR	95.24	53.22	531	529	C	-
2022-097M	Starlink-4528	10 August 2022	AFETR	95.3	53.22	534	532	C	-
2022-097N	Starlink-4520	10 August 2022	AFETR	95.18	53.22	529	526	C	-
2022-097P	Starlink-4525	10 August 2022	AFETR	95.26	53.22	532	530	C	-
2022-097Q	Starlink-4499	10 August 2022	AFETR	95.16	53.22	528	525	C	-
2022-097R	Starlink-4507	10 August 2022	AFETR	95.23	53.22	531	529	C	-
2022-097S	Starlink-4509	10 August 2022	AFETR	92.71	53.22	409	406	C	-
2022-097T	Starlink-4510	10 August 2022	AFETR	95.14	53.22	527	524	C	-
2022-097U	Starlink-4533	10 August 2022	AFETR	92.71	53.22	409	406	C	-

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

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2022-097V	Starlink-4537	10 August 2022	AFETR	91.54	53.22	352	348	C	-
2022-097W	Starlink-4491	10 August 2022	AFETR	92.71	53.22	409	406	C	-
2022-097X	Starlink-4490	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097Y	Starlink-4492	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097Z	Starlink-4497	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AA	Starlink-4496	10 August 2022	AFETR	92.71	53.22	409	406	C	-
2022-097AB	Starlink-4500	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AC	Starlink-4304	10 August 2022	AFETR	92.71	53.22	409	406	C	-
2022-097AD	Starlink-4479	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AE	Starlink-4480	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AF	Starlink-4484	10 August 2022	AFETR	92.71	53.22	409	406	C	-
2022-097AG	Starlink-4481	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097AH	Starlink-4476	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AJ	Starlink-4552	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AK	Starlink-4545	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AL	Starlink-4546	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AM	Starlink-4539	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AN	Starlink-4532	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AP	Starlink-4531	10 August 2022	AFETR	92.71	53.22	408	406	C	-
2022-097AQ	Starlink-4558	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097AR	Starlink-4541	10 August 2022	AFETR	92.71	53.22	409	406	C	-
2022-097AS	Starlink-4540	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097AT	Starlink-4543	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097AU	Starlink-4538	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097AV	Starlink-4548	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097AW	Starlink-4557	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097AX	Starlink-4549	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097AY	Starlink-4498	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097AZ	Starlink-4542	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-097BA	Starlink-4527	10 August 2022	AFETR	91.54	53.22	352	349	C	-
2022-097BC	Starlink-4526	10 August 2022	AFETR	91.54	53.22	352	349	C	-

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2022-097BD	Starlink-4519	10 August 2022	AFETR	91.53	53.22	351	348	C	-
2022-099A	Starlink-4415	12 August 2022	AFWTR	95.45	97.66	542	539	C	-
2022-099B	Starlink-4398	12 August 2022	AFWTR	95.67	97.66	552	550	C	-
2022-099C	Starlink-4394	12 August 2022	AFWTR	95.67	97.66	552	550	C	-
2022-099D	Starlink-4400	12 August 2022	AFWTR	95.67	97.66	553	549	C	-
2022-099E	Starlink-4399	12 August 2022	AFWTR	95.67	97.66	552	550	C	-
2022-099F	Starlink-4393	12 August 2022	AFWTR	95.67	97.66	552	550	C	-
2022-099G	Starlink-4316	12 August 2022	AFWTR	95.66	97.66	552	549	C	-
2022-099H	Starlink-4447	12 August 2022	AFWTR	95.66	97.66	552	549	C	-
2022-099J	Starlink-4383	12 August 2022	AFWTR	95.63	97.66	551	548	C	-
2022-099K	Starlink-4445	12 August 2022	AFWTR	95.59	97.66	549	546	C	-
2022-099L	Starlink-4389	12 August 2022	AFWTR	95.62	97.66	550	547	C	-
2022-099M	Starlink-4378	12 August 2022	AFWTR	95.65	97.66	552	548	C	-
2022-099N	Starlink-4412	12 August 2022	AFWTR	95.61	97.66	549	546	C	-
2022-099P	Starlink-4433	12 August 2022	AFWTR	95.65	97.66	551	549	C	-
2022-099Q	Starlink-4436	12 August 2022	AFWTR	95.58	97.66	548	545	C	-
2022-099R	Starlink-4442	12 August 2022	AFWTR	95.61	97.66	550	547	C	-
2022-099S	Starlink-4302	12 August 2022	AFWTR	95.57	97.66	547	545	C	-
2022-099T	Starlink-4360	12 August 2022	AFWTR	95.57	97.66	548	545	C	-
2022-099U	Starlink-4401	12 August 2022	AFWTR	95.55	97.66	546	544	C	-
2022-099V	Starlink-4426	12 August 2022	AFWTR	95.57	97.66	547	545	C	-
2022-099W	Starlink-4430	12 August 2022	AFWTR	95.53	97.66	546	543	C	-
2022-099X	Starlink-4431	12 August 2022	AFWTR	95.57	97.66	547	545	C	-
2022-099Y	Starlink-4432	12 August 2022	AFWTR	95.52	97.66	545	542	C	-
2022-099Z	Starlink-4421	12 August 2022	AFWTR	95.55	97.66	546	544	C	-
2022-099AA	Starlink-4392	12 August 2022	AFWTR	95.51	97.66	545	542	C	-
2022-099AB	Starlink-4387	12 August 2022	AFWTR	95.53	97.66	545	543	C	-
2022-099AC	Starlink-4450	12 August 2022	AFWTR	95.5	97.66	544	541	C	-
2022-099AD	Starlink-4451	12 August 2022	AFWTR	95.52	97.66	545	542	C	-
2022-099AE	Starlink-4361	12 August 2022	AFWTR	95.49	97.66	544	541	C	-
2022-099AF	Starlink-4340	12 August 2022	AFWTR	95.51	97.66	545	542	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>		
2022-099AG	Starlink-4429	12 August 2022	AFWTR	95.48	97.66	543	541	C	-
2022-099AH	Starlink-4465	12 August 2022	AFWTR	95.5	97.66	544	542	C	-
2022-099AJ	Starlink-4453	12 August 2022	AFWTR	95.46	97.66	543	540	C	-
2022-099AK	Starlink-4439	12 August 2022	AFWTR	95.49	97.66	544	541	C	-
2022-099AL	Starlink-4454	12 August 2022	AFWTR	95.46	97.66	542	540	C	-
2022-099AM	Starlink-4455	12 August 2022	AFWTR	95.48	97.66	543	541	C	-
2022-099AN	Starlink-4434	12 August 2022	AFWTR	95.44	97.66	541	538	C	-
2022-099AP	Starlink-4435	12 August 2022	AFWTR	95.46	97.66	542	539	C	-
2022-099AQ	Starlink-4461	12 August 2022	AFWTR	95.43	97.66	541	538	C	-
2022-099AR	Starlink-4448	12 August 2022	AFWTR	95.45	97.66	542	539	C	-
2022-099AS	Starlink-4446	12 August 2022	AFWTR	95.41	97.66	540	537	C	-
2022-099AT	Starlink-4437	12 August 2022	AFWTR	95.43	97.66	541	538	C	-
2022-099AU	Starlink-4444	12 August 2022	AFWTR	95.4	97.66	539	536	C	-
2022-099AV	Starlink-4443	12 August 2022	AFWTR	95.41	97.66	540	537	C	-
2022-099AW	Starlink-4402	12 August 2022	AFWTR	95.38	97.66	539	536	C	-
2022-099AX	Starlink-4441	12 August 2022	AFWTR	95.39	97.66	539	536	C	-
2022-101A	Starlink-4511	19 August 2022	AFETR	94	53.22	471	469	C	-
2022-101B	Starlink-4503	19 August 2022	AFETR	94.02	53.22	472	470	C	-
2022-101C	Starlink-4478	19 August 2022	AFETR	93.98	53.22	470	468	C	-
2022-101D	Starlink-4482	19 August 2022	AFETR	93.94	53.22	468	466	C	-
2022-101E	Starlink-4487	19 August 2022	AFETR	93.96	53.22	469	467	C	-
2022-101F	Starlink-4483	19 August 2022	AFETR	93.78	53.22	461	458	C	-
2022-101G	Starlink-4493	19 August 2022	AFETR	93.77	53.22	460	458	C	-
2022-101H	Starlink-4488	19 August 2022	AFETR	93.7	53.22	457	455	C	-
2022-101J	Starlink-4138	19 August 2022	AFETR	93.74	53.22	459	456	C	-
2022-101K	Starlink-4053	19 August 2022	AFETR	91.54	53.22	352	347	C	-
2022-101L	Starlink-4120	19 August 2022	AFETR	93.76	53.22	460	457	C	-
2022-101M	Starlink-4118	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101N	Starlink-4123	19 August 2022	AFETR	93.72	53.22	458	455	C	-
2022-101P	Starlink-4486	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101Q	Starlink-4485	19 August 2022	AFETR	93.69	53.22	456	454	C	-

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2022-101R	Starlink-4489	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101S	Starlink-4297	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101T	Starlink-4303	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101U	Starlink-4475	19 August 2022	AFETR	91.54	53.22	352	348	C	-
2022-101V	Starlink-4477	19 August 2022	AFETR	91.53	53.22	353	347	C	-
2022-101W	Starlink-4474	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101X	Starlink-4513	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101Y	Starlink-4516	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101Z	Starlink-4518	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AA	Starlink-4514	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AB	Starlink-4495	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AC	Starlink-4501	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AD	Starlink-4506	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AE	Starlink-4504	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AF	Starlink-4505	19 August 2022	AFETR	91.54	53.22	352	347	C	-
2022-101AG	Starlink-4502	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AH	Starlink-4494	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AJ	Starlink-4508	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AK	Starlink-4564	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AL	Starlink-4563	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AM	Starlink-4565	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AN	Starlink-4561	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AP	Starlink-4577	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AQ	Starlink-4575	19 August 2022	AFETR	91.53	53.22	352	348	C	-
2022-101AR	Starlink-4576	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AS	Starlink-4585	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AT	Starlink-4583	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AU	Starlink-4582	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AV	Starlink-4550	19 August 2022	AFETR	91.54	53.22	352	348	C	-
2022-101AW	Starlink-4584	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101AX	Starlink-4555	19 August 2022	AFETR	91.54	53.22	353	347	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>		
2022-101AY	Starlink-4547	19 August 2022	AFETR	91.54	53.22	352	348	C	-
2022-101AZ	Starlink-4559	19 August 2022	AFETR	91.54	53.22	353	348	C	-
2022-101BA	Starlink-4551	19 August 2022	AFETR	91.54	53.22	353	348	C	-
2022-101BB	Starlink-4581	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101BC	Starlink-4553	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101BD	Starlink-4556	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-101BE	Starlink-4580	19 August 2022	AFETR	91.53	53.22	352	347	C	-
2022-104A	Starlink-4691	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104B	Starlink-4673	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104C	Starlink-4689	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104D	Starlink-4674	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104E	Starlink-4672	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104F	Starlink-4671	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104G	Starlink-4681	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104H	Starlink-4684	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104J	Starlink-4668	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104K	Starlink-4682	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104L	Starlink-4676	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104M	Starlink-4665	28 August 2022	AFETR	90.91	53.22	320	319	C	-
2022-104N	Starlink-4677	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104P	Starlink-4675	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104Q	Starlink-4648	28 August 2022	AFETR	91.61	53.22	355	353	C	-
2022-104R	Starlink-4692	28 August 2022	AFETR	91.61	53.22	355	353	C	-
2022-104S	Starlink-4690	28 August 2022	AFETR	91.61	53.22	354	352	C	-
2022-104T	Starlink-4693	28 August 2022	AFETR	92.91	53.22	418	416	C	-
2022-104U	Starlink-4590	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104V	Starlink-4591	28 August 2022	AFETR	91.61	53.22	354	353	C	-
2022-104W	Starlink-4647	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104X	Starlink-4660	28 August 2022	AFETR	91.61	53.22	354	352	C	-
2022-104Y	Starlink-4610	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104Z	Starlink-4650	28 August 2022	AFETR	91.53	53.21	350	349	C	-

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2022-104AA	Starlink-4658	28 August 2022	AFETR	91.53	53.21	351	349	C	-
2022-104AB	Starlink-4655	28 August 2022	AFETR	91.53	53.22	350	349	C	-
2022-104AC	Starlink-4654	28 August 2022	AFETR	87.4	53.21	149	142	C	-
2022-104AD	Starlink-4653	28 August 2022	AFETR	88.16	53.21	196	172	C	-
2022-104AE	Starlink-4605	28 August 2022	AFETR	91.53	53.22	350	349	C	-
2022-104AF	Starlink-4601	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AG	Starlink-4604	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AH	Starlink-4609	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AJ	Starlink-4615	28 August 2022	AFETR	91.53	53.21	350	349	C	-
2022-104AK	Starlink-4608	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AL	Starlink-4568	28 August 2022	AFETR	91.53	53.22	350	349	C	-
2022-104AM	Starlink-4573	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AN	Starlink-4596	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AP	Starlink-4603	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AQ	Starlink-4554	28 August 2022	AFETR	91.54	53.22	351	349	C	-
2022-104AR	Starlink-4595	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AS	Starlink-4600	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AT	Starlink-4602	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AU	Starlink-4598	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AV	Starlink-4599	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AW	Starlink-4606	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AX	Starlink-4593	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AY	Starlink-4592	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104AZ	Starlink-4587	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104BA	Starlink-4586	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104BB	Starlink-4396	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104BC	Starlink-4594	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104BD	Starlink-4422	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104BE	Starlink-4597	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-104BF	Starlink-4588	28 August 2022	AFETR	91.53	53.22	351	349	C	-
2022-105A	Starlink-4622	31 August 2022	AFWTR	92.8	97.66	413	410	C	-

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2022-105B	Starlink-4386	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105C	Starlink-4380	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105D	Starlink-4388	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105E	Starlink-4374	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105F	Starlink-4390	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105G	Starlink-4420	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105H	Starlink-4470	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105J	Starlink-4466	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105K	Starlink-4469	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105L	Starlink-4452	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105M	Starlink-4463	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105N	Starlink-4473	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105P	Starlink-4472	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105Q	Starlink-4357	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105R	Starlink-4457	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105S	Starlink-4471	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105T	Starlink-4334	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105U	Starlink-4449	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105V	Starlink-4406	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105W	Starlink-4458	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105X	Starlink-4464	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105Y	Starlink-4459	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105Z	Starlink-4440	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AA	Starlink-4428	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AB	Starlink-4456	31 August 2022	AFWTR	92.33	97.66	390	387	C	-
2022-105AC	Starlink-4620	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AD	Starlink-4617	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AE	Starlink-4621	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AF	Starlink-4579	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105AG	Starlink-4418	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AH	Starlink-4632	31 August 2022	AFWTR	92.8	97.65	413	410	C	-

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2022-105AJ	Starlink-4630	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AK	Starlink-4424	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AL	Starlink-4438	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AM	Starlink-4625	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AN	Starlink-4624	31 August 2022	AFWTR	92.85	97.66	415	413	C	-
2022-105AP	Starlink-4626	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AQ	Starlink-4467	31 August 2022	AFWTR	92.8	97.65	413	410	C	-
2022-105AR	Starlink-4569	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105AS	Starlink-4571	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105AT	Starlink-4562	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105AU	Starlink-4570	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105AV	Starlink-4560	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105AW	Starlink-4572	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
2022-105AX	Starlink-4566	31 August 2022	AFWTR	92.8	97.66	413	410	C	-
The following objects not previously reported were identified after the last report and remained in orbit as at 2359Z on 31 August 2022:									
2022-057AL	Celestis 21-Varisat 1C	25 May 2022	AFETR	95.13	97.53	533	516	A	-
The following objects achieved orbit after the last report but were no longer in orbit as at 2359Z on 31 August 2022:									
2022-097BB	Starlink-4529	10 August 2022	AFETR	88.11	53.21	190	172	C	17 August 2022
The following objects were launched after the last report but did not achieve orbit:									
None.									
The following objects identified in a previous report were no longer in orbit as at 2359Z on 31 August 2022:									
2018-004AH	-	-	-	-	-	-	-	-	2 August 2022
2017-071F	-	-	-	-	-	-	-	-	5 August 2022
2019-071R	-	-	-	-	-	-	-	-	8 August 2022
2020-088Z	-	-	-	-	-	-	-	-	9 August 2022
2022-086AE	-	-	-	-	-	-	-	-	10 August 2022
2017-071G	-	-	-	-	-	-	-	-	12 August 2022
2020-088AY	-	-	-	-	-	-	-	-	14 August 2022
2020-025J	-	-	-	-	-	-	-	-	15 August 2022
2017-042AX	-	-	-	-	-	-	-	-	19 August 2022
2022-081A	-	-	-	-	-	-	-	-	20 August 2022

<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>		
2017-042AT	-	-	-	-	-	-	-	-	21 August 2022
2021-024M	-	-	-	-	-	-	-	-	21 August 2022
2020-025X	-	-	-	-	-	-	-	-	22 August 2022
2020-038Y	-	-	-	-	-	-	-	-	22 August 2022
2017-042BP	-	-	-	-	-	-	-	-	23 August 2022
2019-036P	-	-	-	-	-	-	-	-	23 August 2022
2017-042AS	-	-	-	-	-	-	-	-	28 August 2022
2020-073BC	-	-	-	-	-	-	-	-	31 August 2022

The following objects were not previously reported and were no longer in orbit as at 2359Z on 31 August 2022:

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; AFWTR, United States Air Force Western Test Range; 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
- 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