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

Note verbale dated 21 October 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 August 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.

* Reissued for technical reasons on 18 March 2025.

[1] The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 31 October 2024.

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Annex

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

The following report supplements the registration data on United States space launches as at 31 August 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 31 August 2024:									
2024-136A	Starlink-31745	2 August 2024	AFETR	93.53	53.16	449	446	C	-
2024-136B	Starlink-32153	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136C	Starlink-32203	2 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-136D	Starlink-32171	2 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-136E	Starlink-32133	2 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-136F	Starlink-32132	2 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-136G	Starlink-32168	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136H	Starlink-32079	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136J	Starlink-32187	2 August 2024	AFETR	90.03	53.14	283	269	C	-
2024-136K	Starlink-32078	2 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-136L	Starlink-32175	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136M	Starlink-32176	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136N	Starlink-32185	2 August 2024	AFETR	93.54	53.16	448	447	C	-
2024-136P	Starlink-32221	2 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-136Q	Starlink-32083	2 August 2024	AFETR	94.11	53.16	477	474	C	-
2024-136R	Starlink-32077	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136S	Starlink-32075	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136T	Starlink-32082	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136U	Starlink-32084	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136V	Starlink-32081	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136W	Starlink-32181	2 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-136X	Starlink-32076	2 August 2024	AFETR	93.53	53.16	448	447	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)*		
2024-136Y	Starlink-32097	2 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-138A	Starlink-32285	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138B	Starlink-32278	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138C	Starlink-32286	4 August 2024	AFWTR	90.89	53.15	324	312	C	-
2024-138D	Starlink-32287	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138E	Starlink-32290	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138F	Starlink-32275	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138G	Starlink-32227	4 August 2024	AFWTR	93.53	53.16	448	447	C	-
2024-138H	Starlink-32256	4 August 2024	AFWTR	93.49	53.16	447	444	C	-
2024-138J	Starlink-32267	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138K	Starlink-32270	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138L	Starlink-32188	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138M	Starlink-32230	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138N	Starlink-32243	4 August 2024	AFWTR	93.53	53.16	448	447	C	-
2024-138P	Starlink-32271	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138Q	Starlink-32266	4 August 2024	AFWTR	91.37	53.15	348	335	C	-
2024-138R	Starlink-32220	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138S	Starlink-32263	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138T	Starlink-32268	4 August 2024	AFWTR	93.83	53.15	467	456	C	-
2024-138U	Starlink-32223	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138V	Starlink-32180	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138W	Starlink-32281	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-138X	Starlink-32277	4 August 2024	AFWTR	93.53	53.16	448	447	C	-
2024-138Y	Starlink-32269	4 August 2024	AFWTR	93.53	53.16	448	446	C	-
2024-139A	CYGNUS NG-21	4 August 2024	AFETR	92.95	51.64	424	414	C	-
2024-141A	Starlink-11228	10 August 2024	AFETR	91.74	53.16	360	359	C	-
2024-141B	Starlink-11182	10 August 2024	AFETR	91.74	53.16	360	359	C	-
2024-141C	Starlink-11234	10 August 2024	AFETR	91.74	53.16	360	359	C	-
2024-141D	Starlink-11232	10 August 2024	AFETR	91.74	53.16	360	359	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)*		
2024-141E	Starlink-11139	10 August 2024	AFETR	91.73	53.16	360	359	C	-
2024-141F	Starlink-11158	10 August 2024	AFETR	91.74	53.16	361	359	C	-
2024-141G	Starlink-11199	10 August 2024	AFETR	91.74	53.16	361	359	C	-
2024-141H	Starlink-11081	10 August 2024	AFETR	91.74	53.16	360	359	C	-
2024-141J	Starlink-11150	10 August 2024	AFETR	91.74	53.16	361	358	C	-
2024-141K	Starlink-11136	10 August 2024	AFETR	91.74	53.16	360	359	C	-
2024-141L	Starlink-11196	10 August 2024	AFETR	91.74	53.16	360	359	C	-
2024-141M	Starlink-11174	10 August 2024	AFETR	91.74	53.16	361	359	C	-
2024-141N	Starlink-11191	10 August 2024	AFETR	91.74	53.16	361	359	C	-
2024-141P	Starlink-32244	10 August 2024	AFETR	94.11	53.16	476	474	C	-
2024-141Q	Starlink-32186	10 August 2024	AFETR	94.1	53.16	476	474	C	-
2024-141R	Starlink-32178	10 August 2024	AFETR	94.11	53.16	476	474	C	-
2024-141S	Starlink-32234	10 August 2024	AFETR	94.11	53.16	477	474	C	-
2024-141T	Starlink-32265	10 August 2024	AFETR	94.1	53.16	476	474	C	-
2024-141U	Starlink-32197	10 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-141V	Starlink-32255	10 August 2024	AFETR	94.1	53.16	476	474	C	-
2024-141W	Starlink-32236	10 August 2024	AFETR	94.1	53.16	476	474	C	-
2024-142A	Capella-13 (Acadia)	11 August 2024	RLLC	96.91	53.01	619	602	C	-
2024-144A	Starlink-32250	12 August 2024	AFETR	93.08	53.16	426	424	C	-
2024-144B	Starlink-32226	12 August 2024	AFETR	93.07	53.16	426	424	C	-
2024-144C	Starlink-32254	12 August 2024	AFETR	92.94	53.16	419	418	C	-
2024-144D	Starlink-32193	12 August 2024	AFETR	93.01	53.16	423	421	C	-
2024-144E	Starlink-32242	12 August 2024	AFETR	92.93	53.16	419	417	C	-
2024-144F	Starlink-32196	12 August 2024	AFETR	92.95	53.16	420	418	C	-
2024-144G	Starlink-32232	12 August 2024	AFETR	92.95	53.16	420	418	C	-
2024-144H	Starlink-32246	12 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-144J	Starlink-32183	12 August 2024	AFETR	92.94	53.16	419	418	C	-
2024-144K	Starlink-32233	12 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-144L	Starlink-32222	12 August 2024	AFETR	92.95	53.16	420	418	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)*		
2024-144M	Starlink-32229	12 August 2024	AFETR	92.95	53.16	420	418	C	-
2024-144N	Starlink-32241	12 August 2024	AFETR	92.94	53.16	419	418	C	-
2024-144P	Starlink-32240	12 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-144Q	Starlink-32231	12 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-144R	Starlink-32195	12 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-144S	Starlink-32177	12 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-144T	Starlink-32252	12 August 2024	AFETR	92.94	53.16	419	418	C	-
2024-144U	Starlink-32237	12 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-144V	Starlink-32249	12 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-144W	Starlink-32228	12 August 2024	AFETR	92.94	53.16	419	418	C	-
2024-144X	Starlink-32247	12 August 2024	AFETR	91.78	53.15	363	361	C	-
2024-144Y	Starlink-32101	12 August 2024	AFETR	92.95	53.16	420	418	C	-
2024-146A	Legion 3	15 August 2024	AFETR	93.53	44.99	452	443	C	-
2024-146B	Legion 4	15 August 2024	AFETR	98.8	45.04	705	697	C	-
2024-149D	Lemur 2 Tomatokechup	16 August 2024	AFWTR	94.86	97.44	513	511	C	-
2024-149F	Lopen	16 August 2024	AFWTR	94.84	97.44	512	510	A	-
2024-149G	Rock	16 August 2024	AFWTR	94.83	97.44	512	510	A	-
2024-149M	Tomorrow-S1	16 August 2024	AFWTR	94.85	97.44	514	509	C	-
2024-149N	Flock 4BE 18	16 August 2024	AFWTR	94.84	97.44	515	507	C	-
2024-149P	Flock 4BE 16	16 August 2024	AFWTR	94.84	97.44	514	508	C	-
2024-149Q	Flock 4BE 4	16 August 2024	AFWTR	94.82	97.44	513	507	C	-
2024-149S	Flock 4BE 26	16 August 2024	AFWTR	94.83	97.44	514	507	C	-
2024-149T	Tomorrow-S2	16 August 2024	AFWTR	94.85	97.44	513	509	C	-
2024-149U	Flock 4BE 36	16 August 2024	AFWTR	94.83	97.44	515	506	C	-
2024-149V	Flock 4BE 25	16 August 2024	AFWTR	94.83	97.44	513	508	C	-
2024-149W	Flock 4BE 31	16 August 2024	AFWTR	94.83	97.44	513	507	C	-
2024-149X	Flock 4BE 20	16 August 2024	AFWTR	94.83	97.44	514	506	C	-
2024-149Y	Flock 4BE 23	16 August 2024	AFWTR	94.83	97.44	514	507	C	-
2024-149Z	Flock 4BE 15	16 August 2024	AFWTR	94.83	97.44	514	507	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)*		
2024-149AA	Flock 4BE 17	16 August 2024	AFWTR	94.83	97.44	513	507	C	-
2024-149AC	Flock 4BE 22	16 August 2024	AFWTR	94.83	97.44	515	506	C	-
2024-149AD	Flock 4BE 34	16 August 2024	AFWTR	94.83	97.44	513	507	C	-
2024-149AF	Flock 4BE 32	16 August 2024	AFWTR	94.81	97.44	513	505	C	-
2024-149AH	Flock 4BE 30	16 August 2024	AFWTR	94.82	97.44	513	506	C	-
2024-149AK	Flock 4BE 11	16 August 2024	AFWTR	94.81	97.44	514	505	C	-
2024-149AL	Flock 4BE 33	16 August 2024	AFWTR	94.81	97.44	514	505	C	-
2024-149AM	Flock 4BE 10	16 August 2024	AFWTR	94.81	97.44	513	506	C	-
2024-149AN	YAM-7	16 August 2024	AFWTR	94.81	97.44	512	506	C	-
2024-149AP	Flock 4BE 24	16 August 2024	AFWTR	94.79	97.44	513	504	C	-
2024-149AR	Tanager 4001	16 August 2024	AFWTR	94.8	97.44	513	505	C	-
2024-149AT	Flock 4BE 29	16 August 2024	AFWTR	94.79	97.44	512	505	C	-
2024-149AV	Flock 4BE 2	16 August 2024	AFWTR	94.78	97.45	511	504	C	-
2024-149AW	Flock 4BE 13	16 August 2024	AFWTR	94.79	97.44	513	504	C	-
2024-149AX	Flock 4BE 27	16 August 2024	AFWTR	94.79	97.44	513	504	C	-
2024-149AZ	Flock 4BE 9	16 August 2024	AFWTR	94.78	97.44	513	503	C	-
2024-149BA	Flock 4BE 6	16 August 2024	AFWTR	94.78	97.44	512	504	C	-
2024-149BB	Flock 4BE 14	16 August 2024	AFWTR	94.76	97.44	512	502	C	-
2024-149BC	Flock 4BE 1	16 August 2024	AFWTR	94.77	97.44	512	503	C	-
2024-149BD	Flock 4BE 28	16 August 2024	AFWTR	94.77	97.44	513	502	C	-
2024-149BH	PTD-R (Tyvak-0127)	16 August 2024	AFWTR	94.71	97.44	510	499	C	-
2024-149BL	Deimos	16 August 2024	AFWTR	94.72	97.44	511	499	C	-
2024-149BT	Lemur 2 Stella	16 August 2024	AFWTR	96.49	97.74	591	590	C	-
2024-149BW	Lemur 2 Marhisyam	16 August 2024	AFWTR	96.49	97.74	591	590	C	-
2024-149CA	Hawk-10A	16 August 2024	AFWTR	96.49	97.75	594	587	C	-
2024-149CB	Umbra-09	16 August 2024	AFWTR	96.43	97.75	590	585	C	-
2024-149CE	Capella-15 (Acadia)	16 August 2024	AFWTR	96.4	97.74	590	583	C	-
2024-149CF	Hawk-10B	16 August 2024	AFWTR	96.49	97.75	595	586	C	-
2024-149CH	Umbra-10	16 August 2024	AFWTR	96.41	97.75	590	583	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)*		
2024-149CJ	ICEYE-X33	16 August 2024	AFWTR	96.44	97.75	592	584	C	-
2024-149DL	GNOMES-5	16 August 2024	AFWTR	96.48	97.75	593	587	C	-
2024-150A	Starlink-31844	20 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-150B	Starlink-32204	20 August 2024	AFETR	93.34	53.16	439	437	C	-
2024-150C	Starlink-32130	20 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-150D	Starlink-32173	20 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-150E	Starlink-31911	20 August 2024	AFETR	93.52	53.16	448	446	C	-
2024-150F	Starlink-31994	20 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-150G	Starlink-32169	20 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-150H	Starlink-32209	20 August 2024	AFETR	93.21	53.16	432	431	C	-
2024-150J	Starlink-32170	20 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-150K	Starlink-31497	20 August 2024	AFETR	93.53	53.16	449	446	C	-
2024-150L	Starlink-32161	20 August 2024	AFETR	92.96	53.16	422	417	C	-
2024-150M	Starlink-32210	20 August 2024	AFETR	92.94	53.16	420	418	C	-
2024-150N	Starlink-32202	20 August 2024	AFETR	93.53	53.16	449	446	C	-
2024-150P	Starlink-31930	20 August 2024	AFETR	92.94	53.16	420	417	C	-
2024-150Q	Starlink-32162	20 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-150R	Starlink-32208	20 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-150S	Starlink-32165	20 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-150T	Starlink-31923	20 August 2024	AFETR	93.53	53.16	449	446	C	-
2024-150U	Starlink-31988	20 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-150V	Starlink-31983	20 August 2024	AFETR	93.53	53.16	448	447	C	-
2024-150W	Starlink-31874	20 August 2024	AFETR	93.53	53.16	448	446	C	-
2024-150X	Starlink-32039	20 August 2024	AFETR	93.98	53.16	470	468	C	-
2024-152A	Starlink-11247	28 August 2024	AFETR	91.67	53.15	357	356	C	-
2024-152B	Starlink-11259	28 August 2024	AFETR	91.63	53.16	355	354	C	-
2024-152C	Starlink-11188	28 August 2024	AFETR	91.6	53.15	353	352	C	-
2024-152D	Starlink-11272	28 August 2024	AFETR	91.52	53.15	350	349	C	-
2024-152E	Starlink-11261	28 August 2024	AFETR	91.56	53.15	352	350	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)*		
2024-152F	Starlink-11263	28 August 2024	AFETR	91.48	53.15	348	347	C	-
2024-152G	Starlink-11235	28 August 2024	AFETR	91.45	53.15	346	345	C	-
2024-152H	Starlink-11080	28 August 2024	AFETR	91.41	53.15	345	343	C	-
2024-152J	Starlink-11249	28 August 2024	AFETR	91.38	53.15	343	341	C	-
2024-152K	Starlink-11146	28 August 2024	AFETR	91.34	53.15	341	340	C	-
2024-152L	Starlink-11255	28 August 2024	AFETR	91.3	53.15	339	338	C	-
2024-152M	Starlink-11254	28 August 2024	AFETR	91.27	53.15	338	336	C	-
2024-152N	Starlink-11266	28 August 2024	AFETR	91.24	53.15	336	335	C	-
2024-152P	Starlink-32253	28 August 2024	AFETR	92.17	53.16	382	380	C	-
2024-152Q	Starlink-32179	28 August 2024	AFETR	92.17	53.16	382	380	C	-
2024-152R	Starlink-32272	28 August 2024	AFETR	92.17	53.16	382	380	C	-
2024-152S	Starlink-32280	28 August 2024	AFETR	92.17	53.16	382	380	C	-
2024-152T	Starlink-32289	28 August 2024	AFETR	92.17	53.16	382	380	C	-
2024-152U	Starlink-32304	28 August 2024	AFETR	92.17	53.16	382	380	C	-
2024-152V	Starlink-32235	28 August 2024	AFETR	92.17	53.16	382	380	C	-
2024-152W	Starlink-32315	28 August 2024	AFETR	92.17	53.16	382	380	C	-
2024-154A	Starlink-11242	31 August 2024	AFETR	91.33	53.15	340	339	C	-
2024-154B	Starlink-11256	31 August 2024	AFETR	91.33	53.15	341	338	C	-
2024-154C	Starlink-11159	31 August 2024	AFETR	91.33	53.15	341	338	C	-
2024-154D	Starlink-11264	31 August 2024	AFETR	91.33	53.15	341	339	C	-
2024-154E	Starlink-11226	31 August 2024	AFETR	91.32	53.15	340	339	C	-
2024-154F	Starlink-11229	31 August 2024	AFETR	91.32	53.15	340	339	C	-
2024-154G	Starlink-11265	31 August 2024	AFETR	91.33	53.15	340	339	C	-
2024-154H	Starlink-11250	31 August 2024	AFETR	91.32	53.15	340	339	C	-
2024-154J	Starlink-11190	31 August 2024	AFETR	91.33	53.15	340	339	C	-
2024-154K	Starlink-11225	31 August 2024	AFETR	91.33	53.15	340	339	C	-
2024-154L	Starlink-11273	31 August 2024	AFETR	91.3	53.15	339	338	C	-
2024-154M	Starlink-11248	31 August 2024	AFETR	91.23	53.15	335	334	C	-
2024-154N	Starlink-11271	31 August 2024	AFETR	91.16	53.15	332	331	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)*		
2024-154P	Starlink-32371	31 August 2024	AFETR	91.68	53.15	358	356	C	-
2024-154Q	Starlink-32369	31 August 2024	AFETR	91.68	53.15	358	356	C	-
2024-154R	Starlink-32317	31 August 2024	AFETR	91.68	53.15	358	356	C	-
2024-154S	Starlink-32367	31 August 2024	AFETR	91.68	53.16	358	356	C	-
2024-154T	Starlink-32345	31 August 2024	AFETR	91.68	53.16	358	356	C	-
2024-154U	Starlink-32356	31 August 2024	AFETR	91.68	53.16	358	356	C	-
2024-154V	Starlink-32274	31 August 2024	AFETR	91.68	53.16	358	356	C	-
2024-154W	Starlink-32373	31 August 2024	AFETR	91.68	53.16	358	356	C	-
2024-155A	Starlink-11239	31 August 2024	AFWTR	91.31	53.16	339	338	C	-
2024-155B	Starlink-11245	31 August 2024	AFWTR	91.33	53.16	340	339	C	-
2024-155C	Starlink-11244	31 August 2024	AFWTR	91.33	53.16	340	339	C	-
2024-155D	Starlink-11243	31 August 2024	AFWTR	91.33	53.16	341	339	C	-
2024-155E	Starlink-11238	31 August 2024	AFWTR	91.33	53.16	340	339	C	-
2024-155F	Starlink-11240	31 August 2024	AFWTR	91.3	53.16	339	338	C	-
2024-155G	Starlink-11251	31 August 2024	AFWTR	91.23	53.16	335	334	C	-
2024-155H	Starlink-11204	31 August 2024	AFWTR	91.17	53.16	333	331	C	-
2024-155J	Starlink-11246	31 August 2024	AFWTR	91.11	53.16	330	328	C	-
2024-155K	Starlink-11207	31 August 2024	AFWTR	91.12	53.16	330	329	C	-
2024-155L	Starlink-11237	31 August 2024	AFWTR	91.09	53.16	328	327	C	-
2024-155M	Starlink-11253	31 August 2024	AFWTR	91.02	53.16	325	324	C	-
2024-155N	Starlink-11241	31 August 2024	AFWTR	90.96	53.16	322	322	C	-
2024-155P	Starlink-32259	31 August 2024	AFWTR	91.31	53.16	339	338	C	-
2024-155Q	Starlink-32262	31 August 2024	AFWTR	90.3	53.16	291	287	C	-
2024-155R	Starlink-32258	31 August 2024	AFWTR	91.3	53.16	339	338	C	-
2024-155S	Starlink-32251	31 August 2024	AFWTR	91.31	53.16	339	338	C	-
2024-155T	Starlink-32224	31 August 2024	AFWTR	91.33	53.16	340	339	C	-
2024-155U	Starlink-32184	31 August 2024	AFWTR	91.3	53.16	339	338	C	-
2024-155V	Starlink-32288	31 August 2024	AFWTR	91.32	53.16	340	339	C	-
2024-155W	Starlink-32276	31 August 2024	AFWTR	91.33	53.16	340	339	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 not previously reported were identified after the last report and remained in orbit as at 2359Z on 31 August 2024:									
2022-144K	USA 399	1 November 2022	AFETR	1 430.02	3.85	35 690	35 669	C	-
The following objects achieved orbit after the last report but were no longer in orbit as at 2359Z on 31 August 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 31 August 2024:									
2021-021AS	-	-	-	-	-	-	-	-	1 August 2024
2020-035AZ	-	-	-	-	-	-	-	-	2 August 2024
2021-040BL	-	-	-	-	-	-	-	-	2 August 2024
2022-074A	-	-	-	-	-	-	-	-	2 August 2024
2020-062AY	-	-	-	-	-	-	-	-	4 August 2024
2021-017AF	-	-	-	-	-	-	-	-	4 August 2024
2023-147D	-	-	-	-	-	-	-	-	5 August 2024
2022-002CL	-	-	-	-	-	-	-	-	6 August 2024
2020-025BE	-	-	-	-	-	-	-	-	7 August 2024
2020-035B	-	-	-	-	-	-	-	-	7 August 2024
2021-038AG	-	-	-	-	-	-	-	-	7 August 2024
2022-003D	-	-	-	-	-	-	-	-	7 August 2024
2023-026R	-	-	-	-	-	-	-	-	8 August 2024
2020-001T	-	-	-	-	-	-	-	-	9 August 2024
2020-006R	-	-	-	-	-	-	-	-	9 August 2024
2020-012R	-	-	-	-	-	-	-	-	10 August 2024
2020-035AL	-	-	-	-	-	-	-	-	10 August 2024
2020-062AV	-	-	-	-	-	-	-	-	10 August 2024
2021-115AS	-	-	-	-	-	-	-	-	10 August 2024
2024-068G	-	-	-	-	-	-	-	-	10 August 2024
2024-106P	-	-	-	-	-	-	-	-	10 August 2024
2011-061B	-	-	-	-	-	-	-	-	11 August 2024

				Basic orbital characteristics					
International designation	*Name of the space object*	*Date of the launch*	*Location of the launch*	*Nodal period (minutes)*	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	*General function of the space object*	*Date of decay*
2021-044BM	-	-	-	-	-	-	-	-	11 August 2024
2021-027BH	-	-	-	-	-	-	-	-	12 August 2024
2022-002BJ	-	-	-	-	-	-	-	-	12 August 2024
1963-025B	-	-	-	-	-	-	-	-	13 August 2024
2021-005M	-	-	-	-	-	-	-	-	13 August 2024
2021-040W	-	-	-	-	-	-	-	-	13 August 2024
2021-040AE	-	-	-	-	-	-	-	-	13 August 2024
2023-001E	-	-	-	-	-	-	-	-	13 August 2024
2024-073H	-	-	-	-	-	-	-	-	13 August 2024
2019-089J	-	-	-	-	-	-	-	-	14 August 2024
2020-006G	-	-	-	-	-	-	-	-	14 August 2024
2023-014D	-	-	-	-	-	-	-	-	14 August 2024
2022-002BT	-	-	-	-	-	-	-	-	15 August 2024
2024-098Q	-	-	-	-	-	-	-	-	15 August 2024
2020-055AT	-	-	-	-	-	-	-	-	16 August 2024
2021-006ED	-	-	-	-	-	-	-	-	16 August 2024
2023-026F	-	-	-	-	-	-	-	-	16 August 2024
1992-089D	-	-	-	-	-	-	-	-	17 August 2024
2020-001AF	-	-	-	-	-	-	-	-	17 August 2024
2020-006AJ	-	-	-	-	-	-	-	-	17 August 2024
2020-019M	-	-	-	-	-	-	-	-	17 August 2024
2020-035L	-	-	-	-	-	-	-	-	17 August 2024
2021-040Z	-	-	-	-	-	-	-	-	17 August 2024
2021-040BE	-	-	-	-	-	-	-	-	17 August 2024
2023-054K	-	-	-	-	-	-	-	-	17 August 2024
2020-001E									18 August 2024
2022-175AE	-	-	-	-	-	-	-	-	18 August 2024
2007-015A	-	-	-	-	-	-	-	-	19 August 2024
2021-006BM	-	-	-	-	-	-	-	-	19 August 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)*		
2021-006CG	-	-	-	-	-	-	-	-	19 August 2024
2021-006DU	-	-	-	-	-	-	-	-	19 August 2024
2023-138Q	-	-	-	-	-	-	-	-	19 August 2024
2022-002AJ	-	-	-	-	-	-	-	-	20 August 2024
2020-001AA	-	-	-	-	-	-	-	-	21 August 2024
2020-035BK	-	-	-	-	-	-	-	-	21 August 2024
2021-006EC	-	-	-	-	-	-	-	-	21 August 2024
2022-002AL	-	-	-	-	-	-	-	-	21 August 2024
2023-021T	-	-	-	-	-	-	-	-	21 August 2024
2023-021AW	-	-	-	-	-	-	-	-	21 August 2024
2021-006DW	-	-	-	-	-	-	-	-	22 August 2024
2022-125AC	-	-	-	-	-	-	-	-	22 August 2024
2023-054AT	-	-	-	-	-	-	-	-	22 August 2024
2020-038A	-	-	-	-	-	-	-	-	23 August 2024
2021-006AV	-	-	-	-	-	-	-	-	23 August 2024
2021-044AR	-	-	-	-	-	-	-	-	23 August 2024
2022-002BK	-	-	-	-	-	-	-	-	23 August 2024
2023-026C	-	-	-	-	-	-	-	-	23 August 2024
2020-019AU	-	-	-	-	-	-	-	-	24 August 2024
2020-073D	-	-	-	-	-	-	-	-	24 August 2024
2021-024AE	-	-	-	-	-	-	-	-	24 August 2024
2020-006BM	-	-	-	-	-	-	-	-	25 August 2024
2021-006CF	-	-	-	-	-	-	-	-	25 August 2024
2021-006CH	-	-	-	-	-	-	-	-	25 August 2024
2021-006DZ	-	-	-	-	-	-	-	-	25 August 2024
2022-002BF	-	-	-	-	-	-	-	-	25 August 2024
2021-006BL	-	-	-	-	-	-	-	-	26 August 2024
2021-038BJ	-	-	-	-	-	-	-	-	26 August 2024
2023-054AU	-	-	-	-	-	-	-	-	26 August 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)*		
2020-001AB	-	-	-	-	-	-	-	-	27 August 2024
2021-006EN	-	-	-	-	-	-	-	-	27 August 2024
2021-018Q	-	-	-	-	-	-	-	-	27 August 2024
2021-024Y	-	-	-	-	-	-	-	-	27 August 2024
2022-002AR	-	-	-	-	-	-	-	-	27 August 2024
2022-101Y	-	-	-	-	-	-	-	-	27 August 2024
2024-011R	-	-	-	-	-	-	-	-	27 August 2024
1992-039B	-	-	-	-	-	-	-	-	28 August 2024
2021-006DT	-	-	-	-	-	-	-	-	28 August 2024
2021-009BD	-	-	-	-	-	-	-	-	28 August 2024
2022-002BL	-	-	-	-	-	-	-	-	28 August 2024
2022-002CA	-	-	-	-	-	-	-	-	28 August 2024
2022-136U	-	-	-	-	-	-	-	-	28 August 2024
2020-035BE	-	-	-	-	-	-	-	-	29 August 2024
2021-038V	-	-	-	-	-	-	-	-	29 August 2024
2021-038AN	-	-	-	-	-	-	-	-	29 August 2024
2022-017AE	-	-	-	-	-	-	-	-	29 August 2024
2020-038BL	-	-	-	-	-	-	-	-	30 August 2024
2021-006EP	-	-	-	-	-	-	-	-	30 August 2024
2021-038BB	-	-	-	-	-	-	-	-	30 August 2024
2021-059A	-	-	-	-	-	-	-	-	30 August 2024
2022-002AB	-	-	-	-	-	-	-	-	30 August 2024
2023-026Q	-	-	-	-	-	-	-	-	30 August 2024
2024-012N	-	-	-	-	-	-	-	-	30 August 2024
2024-041W	-	-	-	-	-	-	-	-	30 August 2024
2021-018BA	-	-	-	-	-	-	-	-	31 August 2024
2023-001CJ	-	-	-	-	-	-	-	-	31 August 2024
The following objects were not previously reported and were no longer in orbit as at 2359Z on 31 August 2024:									
n/a	Starlink-11212	12 July 2024	-	-	-	-	-	-	12 July 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)*		
n/a	Starlink-11219	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-11216	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-11220	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-11218	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-11195	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-11211	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-11215	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-11217	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-11222	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-11221	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-32157	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-32146	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-31832	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-31839	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-31743	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-31847	12 July 2024	-	-	-	-	-	-	12 July 2024
n/a	Starlink-31831	12 July 2024	-	-	-	-	-	-	12 July 2024

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; 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