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

Note verbale dated 23 September 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 the period of June 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 space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 30 September 2022.



Annex

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

The following report supplements the registration data on United States space launches as at 30 June 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 30 June 2022:									
2022-061B	Falcon 9 R/B	8 June 2022	AFETR	818.69	18.82	44 903	320	D	-
2022-062A	Starlink-4091	17 June 2022	AFETR	91.84	53.22	366	364	C	-
2022-062B	Starlink-4089	17 June 2022	AFETR	91.84	53.22	367	363	C	-
2022-062C	Starlink-4083	17 June 2022	AFETR	91.84	53.22	366	364	C	-
2022-062D	Starlink-4086	17 June 2022	AFETR	91.84	53.22	368	362	C	-
2022-062E	Starlink-4108	17 June 2022	AFETR	91.84	53.22	366	364	C	-
2022-062F	Starlink-4080	17 June 2022	AFETR	91.84	53.22	367	363	C	-
2022-062G	Starlink-4043	17 June 2022	AFETR	91.84	53.22	367	362	C	-
2022-062H	Starlink-4036	17 June 2022	AFETR	91.84	53.22	367	363	C	-
2022-062J	Starlink-4092	17 June 2022	AFETR	91.84	53.22	366	364	C	-
2022-062K	Starlink-4048	17 June 2022	AFETR	91.84	53.22	366	363	C	-
2022-062L	Starlink-4049	17 June 2022	AFETR	91.84	53.22	365	365	C	-
2022-062M	Starlink-4065	17 June 2022	AFETR	91.84	53.22	366	363	C	-
2022-062N	Starlink-4046	17 June 2022	AFETR	91.84	53.22	366	364	C	-
2022-062P	Starlink-4188	17 June 2022	AFETR	91.84	53.22	366	363	C	-
2022-062Q	Starlink-4208	17 June 2022	AFETR	91.84	53.22	367	362	C	-
2022-062R	Starlink-4168	17 June 2022	AFETR	91.84	53.22	366	364	C	-
2022-062S	Starlink-4212	17 June 2022	AFETR	91.84	53.22	367	362	C	-
2022-062T	Starlink-4206	17 June 2022	AFETR	91.84	53.22	368	361	C	-
2022-062U	Starlink-4202	17 June 2022	AFETR	91.84	53.22	367	362	C	-
2022-062V	Starlink-4197	17 June 2022	AFETR	91.53	53.21	352	348	C	-
2022-062W	Starlink-4187	17 June 2022	AFETR	91.84	53.22	366	363	C	-
2022-062X	Starlink-3809	17 June 2022	AFETR	91.53	53.21	352	347	C	-
2022-062Y	Starlink-4184	17 June 2022	AFETR	91.53	53.21	352	348	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)		
2022-062Z	Starlink-4189	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AA	Starlink-4204	17 June 2022	AFETR	91.54	53.22	352	348	C	-
2022-062AB	Starlink-4209	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AC	Starlink-4201	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AD	Starlink-4199	17 June 2022	AFETR	91.54	53.21	352	348	C	-
2022-062AE	Starlink-4198	17 June 2022	AFETR	91.54	53.21	352	348	C	-
2022-062AF	Starlink-4196	17 June 2022	AFETR	91.53	53.21	352	347	C	-
2022-062AG	Starlink-4191	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AH	Starlink-4112	17 June 2022	AFETR	91.54	53.21	352	348	C	-
2022-062AJ	Starlink-4010	17 June 2022	AFETR	91.53	53.21	352	348	C	-
2022-062AK	Starlink-4270	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AL	Starlink-4267	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AM	Starlink-4274	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AN	Starlink-4272	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AP	Starlink-4126	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AQ	Starlink-4261	17 June 2022	AFETR	91.53	53.21	352	348	C	-
2022-062AR	Starlink-4266	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AS	Starlink-4195	17 June 2022	AFETR	91.52	53.21	351	347	C	-
2022-062AT	Starlink-4207	17 June 2022	AFETR	91.53	53.21	352	348	C	-
2022-062AU	Starlink-4213	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AV	Starlink-4211	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AW	Starlink-4210	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062AX	Starlink-4193	17 June 2022	AFETR	91.53	53.21	352	348	C	-
2022-062AY	Starlink-4200	17 June 2022	AFETR	91.53	53.21	352	348	C	-
2022-062AZ	Starlink-4214	17 June 2022	AFETR	91.54	53.22	352	348	C	-
2022-062BA	Starlink-4171	17 June 2022	AFETR	91.54	53.22	352	348	C	-
2022-062BB	Starlink-4139	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062BC	Starlink-4186	17 June 2022	AFETR	91.53	53.22	352	348	C	-
2022-062BD	Starlink-4192	17 June 2022	AFETR	91.54	53.22	352	348	C	-
2022-062BE	Starlink-4181	17 June 2022	AFETR	91.53	53.21	352	348	C	-
2022-064A	Globalstar FM15	19 June 2022	AFETR	107.66	51.98	1 126	1 111	C	-
2022-064B	USA 328	19 June 2022	AFETR	96.65	53	531	517	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)		
2022-064C	USA 329	19 June 2022	AFETR	96.65	53	531	517	C	-
2022-064D	USA 330	19 June 2022	AFETR	96.65	53	531	517	C	-
2022-064E	USA 331	19 June 2022	AFETR	96.65	53	531	517	C	-
2022-070A	Capstone	28 June 2022	RLLC	1408.08	39.08	70 215	258	A	-
2022-070C	Lunar Photon	28 June 2022	RLLC	1408.08	39.08	70 215	258	D	-
2022-071B	Falcon 9 R/B	29 June 2022	AFETR	629.43	16.61	35 591	311	D	-
The following objects not previously reported were identified after the last report and remained in orbit as at 2359Z on 30 June 2022:									
2022-057AS	CPOD FLT1 (Tyvak-0032)	25 May 2022	AFETR	95.12	97.52	535	514	A	-
2022-057C	PTD-3 (Tyvak-0125)	25 May 2022	AFETR	95.2	97.52	536	521	C	-
The following objects achieved orbit after the last report but were no longer in orbit as at 2359Z on 30 June 2022:									
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 June 2022:									
2020-073AQ	-	-	-	-	-	-	-	-	5 June 2022
2017-042AM	-	-	-	-	-	-	-	-	6 June 2022
2020-012AY	-	-	-	-	-	-	-	-	7 June 2022
2017-042BM	-	-	-	-	-	-	-	-	9 June 2022
1998-067RB	-	-	-	-	-	-	-	-	12 June 2022
2017-042AU	-	-	-	-	-	-	-	-	13 June 2022
2017-042AP	-	-	-	-	-	-	-	-	15 June 2022
2021-125J	-	-	-	-	-	-	-	-	16 June 2022
2017-042BE	-	-	-	-	-	-	-	-	17 June 2022
1998-067TH	-	-	-	-	-	-	-	-	19 June 2022
2017-042BW	-	-	-	-	-	-	-	-	20 June 2022
2017-042AH	-	-	-	-	-	-	-	-	23 June 2022
2017-042BY	-	-	-	-	-	-	-	-	24 June 2022
1970-025JY	-	-	-	-	-	-	-	-	25 June 2022
1998-067RR	-	-	-	-	-	-	-	-	25 June 2022
1998-067RT	-	-	-	-	-	-	-	-	25 June 2022
2017-042AY	-	-	-	-	-	-	-	-	25 June 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)		
1998-067TF	-	-	-	-	-	-	-	-	26 June 2022
2021-009BK	-	-	-	-	-	-	-	-	27 June 2022
2020-088AP	-	-	-	-	-	-	-	-	28 June 2022
2022-015A	-	-	-	-	-	-	-	-	29 June 2022
2017-042BJ	-	-	-	-	-	-	-	-	30 June 2022
The following objects were not previously reported and were no longer in orbit as at 2359Z on 30 June 2022:									
2019-037B	Prometheus 2-7	29 June 2019	RLLC	93.67	45.02	461	447	C	6 June 2022
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; 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