

**Secretariat**

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

Note verbale dated 8 November 2022 from the Permanent Mission of the Russian Federation to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the Russian Federation 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 data on space launches by the Russian Federation in October 2022 and on previously launched space objects that ceased to exist during that period (see annex).¹

¹ The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 17 November 2022.



Annex

Registration data on space objects launched by the Russian Federation in October 2022*

1. In October 2022, the following space objects under the jurisdiction and control of the Russian Federation were launched:

Registration number of space object	Name of space object, launch vehicle and place of launch	Date of launch	Basic orbital parameters				General function of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
3618-2022-014	Cosmos-2559 (GLONASS-K No. 17L), launched by a Soyuz-2-1b carrier rocket with a Fregat upper stage from the Plesetsk launch site	10 October 2022	19 152.8	19 141.7	64.5	676.0	The dual-use space object is intended to perform tasks on behalf of the Ministry of Defence of the Russian Federation and to support the socioeconomic development of the Russian Federation
3619-2022-015	Cosmos-2560, launched by an Angara-1.2 carrier rocket from the Plesetsk launch site	15 October 2022	345.0	317.3	96.2	91.0	Space object intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3620-2022-016	Cosmos-2561 ^a	21 October 2022	437.9	417.0	97.1	93.0	Space object intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3621-2022-016	Cosmos-2562 ^a	21 October 2022	436.0	414.8	97.1	93.0	Space object intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3622-2022-017	Gonets-M No. 33 ^b	22 October 2022	1 501.9	1 490.2	82.5	115.8	Work as part of a low-orbit satellite communications system
3623-2022-017	Gonets-M No. 34 ^b	22 October 2022	1 501.8	1 493.0	82.5	115.9	Work as part of a low-orbit satellite communications system
3624-2022-017	Gonets-M No. 35 ^b	22 October 2022	1 500.6	1 500.0	82.3	115.9	Work as part of a low-orbit satellite communications system
3625-2022-017	SKIF-D ^b	22 October 2022	8 076.5	8 071.5	90.0	287.9	Experimental
3626-2022-018	Progress MS-21, launched by a Soyuz-2-1a carrier rocket from the Baikonur launch site	26 October 2022	240.6	193.2	51.7	88.5	Delivery to the International Space Station of fuel, water, oxygen, air, food, scientific equipment and other consumable materials required for the crew, scientific experiments and operation of the Station

^a Launched by a Soyuz-2-1v carrier rocket with a Volga upper stage from the Plesetsk launch site.

^b Launched by a Soyuz-2-1b carrier rocket with a Fregat upper stage from the Vostochny launch site.

2. In October 2022, the Russian Federation launched the following space object on behalf of a foreign client:

On 12 October 2022, the Angosat-2 satellite (Angola) was launched by a Proton-M carrier rocket with a DM upper stage from the Baikonur launch site.

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

3. The following space objects ceased to exist in October 2022 and were no longer in Earth orbit as at 2400 hours Moscow time on 31 October 2022:

2010-049A (Cosmos-2469), which burned up on 15 October 2022;

2022-014A (Progress MS-19), which was deorbited into the Pacific Ocean at a predetermined location on 24 October 2022; fragments of the space object that had not burned up were sunk.