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**Information furnished in conformity with the Convention  
on Registration of Objects Launched into Outer Space****Note verbale dated 22 March 2023 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 February 2023 and on previously launched space objects that ceased to exist during that period (see annex).<sup>1</sup>

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<sup>1</sup> The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 4 April 2023.



## Annex

## Registration data on space objects launched by the Russian Federation in February 2023\*

1. In February 2023, 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)	
3631-2023-001	Electro-L No. 4, launched by a Proton-M carrier rocket with a DM upper stage from the Baikonur launch site	5 February 2023	35 509.3	35 380.2	0.5	1 418.6	Hydrometeorological
3632-2023-002	Progress MS-22, launched by a Soyuz-2-1a carrier rocket from the Baikonur launch site	9 February 2023	241.1	193.1	51.7	88.6	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
3633-2023-003	Soyuz MS-23, launched by a Soyuz-2-1a carrier rocket from the Baikonur launch site	24 February 2023	243.6	200.1	51.7	88.6	Uncrewed mission of piloted transport vehicle

2. In February 2023, the Russian Federation did not launch any space objects on behalf of foreign clients.

3. The following space objects ceased to exist in February 2023 and were no longer in Earth orbit as at 2400 hours Moscow time on 28 February 2023:

2022-059A (Progress MS-20), which was deorbited into the Pacific Ocean at a predetermined location on 7 February 2023; fragments of the space object that had not burned up were sunk;

2022-140A (Progress MS-21), which was deorbited into the Pacific Ocean at a predetermined location on 19 February 2023; fragments of the space object that had not burned up were sunk.

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