

**Secretariat**

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**Committee on the Peaceful  
Uses of Outer Space**

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

**Note verbale dated 17 March 2021 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 2021 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 space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 23 March 2021.



## Annex

## Registration data on space objects launched by the Russian Federation in February 2021\*

1. In February 2021, 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)	
3561-2021-001	Cosmos-2549, launched by a Soyuz-2-1b carrier rocket from the Plesetsk launch site	2 February 2021	924.0	250.0	67.2	96.1	Intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3562-2021-002	Progress MS-16, launched by a Soyuz-2-1a carrier rocket from the Baikonur launch site	15 February 2021	240.9	193.0	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
3563-2021-003	Arktika-M No. 1, launched by a Soyuz-2-1b carrier rocket with a Fregat upper stage from the Baikonur launch site	28 February 2021	39 767.2	1 050.1	63.3	726.9	Hydrometeorological satellite

2. In February 2021, the Russian Federation did not launch any space objects on behalf of foreign clients.
3. The following space object ceased to exist in February 2021 and was no longer in Earth orbit as at 2400 hours Moscow time on 28 February 2021:

2020-050A (Progress MS-15), which was deorbited into the Pacific Ocean at a predetermined location on 9 February 2021; 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.