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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 24 December 2020 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 2020 and on a previously launched space object 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 8 January 2021.



## Annex

## Registration data on space objects launched by the Russian Federation for October 2020\*

1. In October 2020, 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)	
3554-2020-009	Soyuz MS-17, launched by a Soyuz-2-1a carrier rocket from the Baikonur launch site	14 October 2020	243.2	199.9	51.7	88.6	Delivery to the International Space Station of the crew of Expedition 64, consisting of Sergei Nikolaevich Ryzhikov (Russian Federation), commander of the crewed transport vehicle, and flight engineers Sergei Vladimirovich Kud-Sverchkov (Russian Federation) and Kathleen Rubins (United States of America)
3555-2020-010	Cosmos-2547 (GLONASS-K1 No. 15), launched by a Soyuz-2-1b carrier rocket with a Fregat upper stage from the Plesetsk launch site	25 October 2020	19 179.5	19 108.9	64.8	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

2. In October 2020, the Russian Federation did not launch any space objects on behalf of foreign clients.
3. The following space object ceased to exist in October 2020 and was no longer in Earth orbit as at 2400 hours Moscow time on 31 October 2020:
- 2020-023A (Soyuz MS-16): descent module landed at a predetermined location with members of an International Space Station expedition on 22 October 2020.

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