



**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 October 2019 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 registration data on space launches by the Russian Federation in September 2019 and also on the space objects that ceased to exist during that period (see annex).



Registration data on space launches by the Russian Federation in September 2019*

1. In September 2019, 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)	
3529-2019-014	Soyuz MS-15, launched by a Soyuz-FG carrier rocket from the Baikonur launch site	25 September 2019	233.0	200.7	51.7	88.6	Delivery to the International Space Station of the crew of Expeditions 61 and 62 and of Visiting Expedition 19, consisting of Oleg Ivanovich Skripochka (Russian Federation), commander of the piloted transport vehicle, Jessica Meir (United States of America), flight engineer, and Hazza Al Mansouri (United Arab Emirates), spaceflight participant
3530-2019-015	Cosmos-2541, launched by a Soyuz-2-1b carrier rocket with a Fregat booster from the Plesetsk launch site	26 September 2019	222.3	174.3	63.1	88.3	Intended for assignments on behalf of the Ministry of Defence of the Russian Federation

2. In September 2019, the Russian Federation did not launch any space objects on behalf of foreign clients.
3. The following space objects ceased to exist in September 2019 and were no longer in Earth orbit as at 2400 hours Moscow time on 30 September 2019:
- 2019-055A (Soyuz MS-14): descent module landed at a predetermined location on 7 September 2019 with a humanoid robot and cargo returned from the International Space Station;
- 1998-067NB (Tanyusha YuZGU No. 2): burned up on 8 September 2019;
- 2017-037D (Cosmos-2521): burned up on 12 September 2019.

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