

**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 26 January 2018 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 for November and December 2017 and also on the space objects that ceased to exist during that period (see annexes I and II).



Annex I

Registration data on space launches by the Russian Federation in November 2017*

1. In November 2017, the Russian Federation did not launch any space objects included, in accordance with established practice and its international obligations, in the register of space objects launched by the Russian Federation and over which it has control.
2. In November 2017, the Russian Federation did not launch any space objects on behalf of foreign clients.
3. The following space object ceased to exist in November 2017 and was no longer in Earth orbit as at 2400 hours Moscow time on 30 November 2017:
1975-105A (Molniya-3): burned up on 19 November 2017.

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

Annex II

Registration data on space launches by the Russian Federation in December 2017*

1. In December 2017, the following space objects under the jurisdiction and control of the Russian Federation were launched:

Number	Name of space object	Date of launch	Basic orbital characteristics				General function of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
3485-2017-015	Cosmos-2524, launched by a Soyuz-2-1b carrier rocket from the Plesetsk launch site	2 December 2017	924.2	250.0	67.2	96.1	Space object intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3486-2017-016	Soyuz MS-07, launched by a Soyuz-FG carrier rocket from the Baikonur launch site	17 December 2017	254.7	198.3	51.7	88.7	Delivery to the International Space Station of the crew of Expeditions 54 and 55, consisting of Anton Nikolaevich Shkaplerov (Russian Federation), commander of the manned transport vehicle, and flight engineers Scott Tingle (United States of America) and Norishige Kanai (Japan)

2. In December 2017, the Russian Federation launched the following space object on behalf of a foreign client:

On 26 December 2017, the telecommunications satellite AngoSat (Angola) was launched from the Baikonur launch site by a Zenit-2SB.80 carrier rocket with a Fregat-SB booster.

3. The following space object ceased to exist in December 2017 and was no longer in Earth orbit as at 2400 hours Moscow time on 31 December 2017:

2017-043A (Soyuz MS-05): descent module landed at a predetermined location with members of an International Space Station expedition on 14 December 2017;

1982-027A (Cosmos-1346): burned up on 17 December 2017;

2017-033A (Progress MS-06): deorbited into the Pacific Ocean at a predetermined location on 28 December 2017; fragments of the space object that had not burned up were sunk.

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