



**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 29 September 2016 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 July 2016 and also on the space objects that ceased to exist during that period (see annex).



## Annex

### Registration data on space launches by the Russian Federation in July 2016\*

1. In July 2016, 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)	
3458-2016-009	<b>Soyuz MS</b> , launched by a Soyuz-FG carrier rocket from the Baikonur launch site	7 July	247.1	199	51.7	88.7	Delivery to the International Space Station (ISS) of the crew of Expeditions 48 and 49, consisting of the commander of the manned transport vehicle (MTV) Anatoly Alekseyevich Ivanishin (Russian Federation), and flight engineers Takuya Onishi (Japan) and Kathleen Rubins (United States of America)
3459-2016-010	<b>Progress MS-03</b> , launched by a Soyuz-U carrier rocket from the Baikonur launch site	17 July	242.4	193.8	51.7	88.6	Delivery to the ISS of fuel, consumables and various goods to support the functioning of the ISS

2. In July 2016, the Russian Federation did not launch any space objects on behalf of foreign clients.

3. In July 2016, the following space object was found to have ceased to exist as at 2400 hours Moscow time on 31 July 2016:

2015-080A (Progress-MS), deorbited into the Pacific Ocean at a predetermined location on 3 July 2016; fragments of the space object that had not burned up were sunk.

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