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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 27 March 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 February 2018 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 February 2018\*

1. In February 2018, 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)	
3487-2018-001	Kanopus-V No. 3 <sup>a</sup>	1 February 2018	529.3	480.6	97.3	99.5	Earth remote sensing
3488-2018-001	Kanopus-V No. 4 <sup>a</sup>	1 February 2018	524.1	478.6	97.3	94.5	Earth remote sensing
3489-2018-002	Progress MS-08, launched by a Soyuz-2-1a carrier rocket from the Baikonur launch site	13 February 2018	241.2	193.1	51.7	88.5	Delivery to the International Space Station of scientific equipment and fuel, water, oxygen, air, food and other consumable materials required for the crew, scientific experiments and operation of the Station

<sup>a</sup> Launched by a single Soyuz-2-1a carrier rocket with a Fregat booster from the Vostochny launch site.

2. In February 2018, the Russian Federation launched the following space objects on behalf of foreign clients:

On 1 February 2018, the following objects, together with the Russian Earth remote-sensing satellites Kanopus-V No. 3 and Kanopus-V No. 4, were launched by a Soyuz-2-1a carrier rocket with a Fregat booster from the Vostochny launch site: four S-NET satellites for technological applications (Germany); four LEMUR satellites for the collection of data generated by a system for the automatic identification of marine vessels (United States of America); and the D-Star One satellite for technological applications (Germany).

3. The following space object ceased to exist in February 2018 and was no longer in Earth orbit as at 2400 hours Moscow time on 28 February 2018:

2017-054A (Soyuz MS-06): descent module landed at a predetermined location with members of an International Space Station expedition on 28 February 2018.

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