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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 4 July 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 May 2019 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 May 2019\*

1. In May 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, launcher and place of launch   | Date of launch | Basic orbital characteristics |              |                       |                  | General function of space object                                 |
|-------------------------------------|--|----------------|-------------------------------|--------------|-----------------------|------------------|--|
|                                     |  |                | Apogee (km)                   | Perigee (km) | Inclination (degrees) | Period (minutes) |  |
| 3512-2019-003                       | Cosmos-2534, launched by a Soyuz-2-1b carrier rocket with a Fregat-M booster from the Plesetsk launch site | 27 May 2019    | 19 157.0                      | 19 124.2     | 64.5                  | 675.9            | Work as part of the Global Navigation Satellite System (GLONASS) |
| 3513-2019-004                       | Yamal-601, launched by a Proton-M carrier rocket with a Breeze-M booster from the Baikonur launch site     | 30 May 2019    | 35 683.5                      | 6 451.6      | 17.4                  | 754.3            | Telecommunications   |

2. In May 2019, the Russian Federation did not launch any space objects on behalf of foreign clients.
3. As at 2400 hours Moscow time on 31 May 2019, no space objects belonging to the Russian Federation had been found to have ceased to exist in Earth orbit in May 2019.

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