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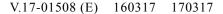
Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 6 February 2017 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 December 2016 and on the space objects that ceased to exist during that month (see annex I) and additional information concerning space object Ekspress-AM2 (see annex II).







ង Annex I

Registration data on space launches by the Russian Federation for December 2016*

- 1. In December 2016, the Russian Federation did not launch any objects over which it has control and that, in accordance with established practice and its international obligations, were included in the register of space objects.
- 2. In December 2016, the Russian Federation did not launch any space objects on behalf of foreign clients.
- 3. The following space object ceased to exist in December 2016 and was no longer in Earth orbit as at 2400 hours Moscow time on 31 December 2016:

2001-030A (Molniya-3K), which burned up on 19 December 2016.

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

Annex II

Additional information concerning space object Ekspress-AM2 (2005-010A) which is included in the register of space objects of the Russian Federation*

Name of space object

Date when space object was no longer

functional

Date of transfer of space object to

graveyard orbit

Physical conditions during transfer of space object to graveyard orbit

Ekspress-AM2 (2005-010A)

21 December 2016

11 hours 4 minutes 19 seconds

20 December 2016

9 hours 40 minutes 0 seconds

All transponders and beacons forming part of the on-board

communication equipment were shut

down

Control unit of the on-board communication system was shut

down

On-board control system software

and signals were blocked

Solar batteries were turned away

from the Sun

Storage batteries and charge lines

were disconnected

On-board command and

measurement system equipment was

shut down

Parameters of graveyard orbit

Semi-major axis

Pericentre altitude above geostationary orbit (GEO)

Apocentre altitude above GEO

Eccentricity

Inclination

42.511.961 kilometres

317.9 kilometres

378.0 kilometres

0.000707

1.9976 degrees

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