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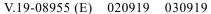
# Committee on the Peaceful Uses of Outer Space

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

Note verbale dated 23 August 2019 from the Permanent Mission of the United Kingdom of Great Britain and Northern Ireland to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United Kingdom of Great Britain and Northern Ireland 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 information on space objects O3b M017, O3b M018, O3b M019 and O3b M020 (see annex).







#### Annex

# Registration data on space objects launched by the United Kingdom of Great Britain and Northern Ireland\*

#### O3b M017

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

Committee on Space Research international 2019-020C

designator

Name of space object O3b FM17 (known as O3b M017)

North American Aerospace Defense 44114

Command Catalogue Number (NORAD ID)

State of registry United Kingdom of Great Britain and

Northern Ireland

Date and territory or location of launch 4 April 2019 at 1703 hours 37 seconds

UTC; Kourou, French Guiana

Basic orbital parameters

Nodal period 288 minutes

Inclination 0.05 degrees

Apogee 8,074 kilometres

Perigee 8,064 kilometres

General function of space object Communications

### Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator O3b Networks Limited

Website www.ses.com

Launch vehicle Soyuz

### O3b M018

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

Committee on Space Research international 2019-020D

designator

Name of space object O3b FM18 (known as O3b M018)

North American Aerospace Defense 44115

Command Catalogue Number (NORAD ID)

State of registry United Kingdom

Date and territory or location of launch 4 April 2019 at 1703 hours 37 seconds

UTC; Kourou, French Guiana

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<sup>\*</sup> The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

Basic orbital parameters

Nodal period 288 minutes

Inclination 0.05 degrees

Apogee 8,074 kilometres

Perigee 8,064 kilometres

General function of space object Communications

### Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator O3b Networks Limited

Website www.ses.com

Launch vehicle Soyuz

#### O3b M019

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

Committee on Space Research international 2019-020B

designator

Name of space object O3b FM19 (known as O3b M019)

North American Aerospace Defense 44113

Command Catalogue Number (NORAD ID)

State of registry United Kingdom

Date and territory or location of launch 4 April 2019 at 1703 hours 37 seconds

UTC; Kourou, French Guiana

Basic orbital parameters

Nodal period 288 minutes

Inclination 0.05 degrees

Apogee 8,074 kilometres

Perigee 8,064 kilometres

General function of space object Communications

### Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator O3b Networks Limited

Website www.ses.com

Launch vehicle Soyuz

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#### O3b M020

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

Committee on Space Research international 2019-020A

designator

Name of space object O3b FM20 (known as O3b M020)

North American Aerospace Defense 44112

Command Catalogue Number (NORAD ID)

State of registry United Kingdom

Date and territory or location of launch 4 April 2019 at 1703 hours 37 seconds

UTC; Kourou, French Guiana

Basic orbital parameters

Nodal period 288 minutes
Inclination 0.05 degrees
Apogee 8,074 kilometres
Perigee 8,064 kilometres
General function of space object Communications

## Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator O3b Networks Limited

Website www.ses.com

Launch vehicle Soyuz

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