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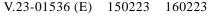
Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 18 January 2023 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 the space objects SES Satellite MP01 and SES Satellite MP02 (see annex). ¹

¹ The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 24 January 2023.







Annex

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

MP01 (O3b mPOWER F1)

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

Committee on Space Research 2022-174A

international designator

Name of space object MP01 (also known as O3b mPOWER F1)

National designator/ registration number

54755

State of registry

United Kingdom of Great Britain and Northern

Ireland

Date and territory or location of launch

16 December 2022 at 2248 hours 0 seconds UTC;

Cape Canaveral, United States of America

Basic orbital parameters

Nodal period 288 minutes Inclination ≤0.1 degrees Apogee 8 073 kilometres Perigee 8 057 kilometres

General function of

space object

MP01 will extend the MEO Ka-band services of SES, increasing capabilities such as flexibility, performance and scale, which will, in turn, expand the scope of bandwidth-intensive network services and applications. System-wide innovations will provide uncontended multi-gigabit links to deliver high-bandwidth services, offering differentiated services at cloud scale.

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

Space object owner or operator SES

Launch vehicle Falcon 9

Also known as O3b mPOWER F1 Other information

2/3 V 23-01536

^{*} The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

MP02 (O3b mPOWER F2)

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

Committee on Space Research 2022-174B

scarcii

international designator

Name of space object MP02 (also known as O3b mPOWER F2)

National designator/ registration number 54756

State of registry

United Kingdom of Great Britain and

Northern Ireland

Date and territory or location of launch

16 December 2022 at 2248 hours 0 seconds UTC;

Cape Canaveral, United States of America

Basic orbital parameters

Nodal period 288 minutes
Inclination ≤0.1 degrees

Apogee 8 073 kilometres
Perigee 8 057 kilometres

General function of

space object

MP02 will extend the MEO Ka-band services of SES, increasing capabilities such as flexibility, performance and scale, which will, in turn,

expand the scope of bandwidth-intensive network

services and applications. System-wide innovations will provide uncontended

multi-gigabit links to deliver high-bandwidth services, offering differentiated services at cloud

scale.

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

Space object owner or

operator

SES

Launch vehicle Falcon 9

Other information Also known as O3b mPOWER F2

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