United Nations



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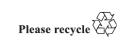
Original: English

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

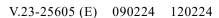
Note verbale dated 15 December 2023 from the Permanent Mission of the United Kingdom of Great Britain and Northern Ireland to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United Kingdom of Great Britain and Northern Ireland to the United Nations (Vienna), in accordance with article IV, paragraph 2, of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit additional information on the space objects MP03 and MP04 (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 19 December 2023.









Annex

Additional information on space objects previously registered by the United Kingdom of Great Britain and Northern Ireland*

MP03 (O3b mPOWER F3)

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

Committee on Space Research

international designator

2023-059B

Name of space object MP03 (also known as O3b mPOWER F3)

National designator/registration number 56368

State of registry United Kingdom of Great Britain and

Northern Ireland

Date and territory or location of launch 28 April 2023 at 2212 hours

0 seconds UTC:

Cape Canaveral, Florida, 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 MP03 will extend the medium Earth orbit

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 F9

Additional information Also known as O3b mPOWER F3

The submission was amended on 15 December 2023 to reflect the intended

operational orbit.

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

MP04 (O3b mPOWER F4)

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

Committee on Space Research

international designator

2023-059A

Name of space object

MP04 (also known as O3b mPOWER F4)

National designator/registration

number

56367

State of registry United Kingdom

Date and territory or location of launch 28 April 2023 at 2212 hours

0 seconds UTC;

Cape Canaveral, Florida, United States

Basic orbital parameters

Nodal period 288 minutes
Inclination 0.1 degrees

Apogee 8,073 kilometres
Perigee 8,057 kilometres

General function of space object MP04 will extend the medium Earth orbit

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 F9

Additional information Also known as O3b mPOWER F4

The submission was amended on

15 December 2023 to reflect the intended

operational orbit.

V.23-25605