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

### **Note verbale dated 23 June 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 MP03 and MP04 (see annex).<sup>1</sup>

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<sup>1</sup> The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 3 July 2023.



## Annex

### Registration information on space objects launched 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	201.35 minutes
Inclination	8.18 degrees
Apogee	7,081 kilometres
Perigee	2,922 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 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	198.27 minutes
Inclination	8.60 degrees
Apogee	7,000 kilometres
Perigee	2,771 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