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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 international designator	2022-174A
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
Other information	Also known as O3b mPOWER F1

* 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 international designator	2022-174B
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