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**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Note verbale dated 14 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 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 MP05 and MP06 (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 14 December 2023.



Annex

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

MP05 (O3b mPOWER F5)

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

Committee on Space Research international designator	2023-175A
Name of space object	MP05 (also known as O3b mPOWER F5)
National designator/registration number	58346
State of registry	United Kingdom of Great Britain and Northern Ireland
Date and territory or location of launch	12 November 2023 at 2108 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	mPOWER will extend SES's MEO Ka-band services increasing capabilities such as flexibility, performance and scale thus increasing 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 F5. The basic orbital parameters are the intended operational orbit as the satellite is currently orbit raising

* The information was submitted using the form prepared pursuant to General Assembly resolution [62/101](#) and has been reformatted by the Secretariat.

MP06 (O3b mPOWER F6)**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Committee on Space Research international designator	2023-175B
Name of space object	MP06 (also known as O3b mPOWER F6)
National designator/registration number	58347
State of registry	United Kingdom
Date and territory or location of launch	12 November 2023 at 2108 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	mPOWER will extend SES's MEO Ka-band services increasing capabilities such as flexibility, performance and scale thus increasing 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 F6. The basic orbital parameters are the intended operational orbit as the satellite is currently orbit raising