



Secretariat

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**Committee on the Peaceful
Uses of Outer Space**

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

**Note verbale dated 30 July 2019 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 object IOD-1 GEMS (see annex).



Annex

Registration data on a space object launched by the United Kingdom of Great Britain and Northern Ireland*

IOD-1 GEMS

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Committee on Space Research international designator	1998-67QK
Name of space object	IOD-1 GEMS
North American Aerospace Defense Command Catalogue Number (NORAD ID)	44385
State of registry	United Kingdom of Great Britain and Northern Ireland
Date and territory or location of launch	3 July 2019 at 1015 hours UTC; space-based launch from the International Space Station
Basic orbital parameters	
Nodal period	92.81 minutes
Inclination	51.64 degrees
Apogee	415 kilometres
Perigee	409 kilometres
General function of space object	Earth observation satellite

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

Space object owner or operator	Satellite Applications Catapult/Orbital Micro Systems Ltd.
Website	https://sa.catapult.org.uk/iod/iod-gems
Launch vehicle	Cygnus vehicle

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