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

Note verbale dated 18 May 2022 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 additional information concerning the end of life of the space objects Satellite for Orbital Aerodynamics Research (SOAR) and OWLID000235 (2021-060S) (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 13 June 2022.



Annex

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

Satellite for Orbital Aerodynamics Research (SOAR)

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

Committee on Space Research international designator	1998-067SM
Name of the space object	Satellite for Orbital Aerodynamics Research (SOAR)
State of registry	United Kingdom of Great Britain and Northern Ireland
Registration document	ST/SG/SER.E/1002
Date and territory or location of launch	14 June 2021 at 0905 hours UTC; deployment from the International Space Station (ISS)
Basic orbital parameters	
Nodal period	92.7 minutes
Inclination	51.62 degrees
Apogee	422 kilometres
Perigee	418 kilometres
General function of the space object	SOAR is to demonstrate aerodynamic materials (specifically, materials which specularly reflect atomic oxygen in the free molecular flow environment), and aerodynamic attitude and orbit control. The payloads include an ion and neutral mass spectrometer to characterize the flow/atmospheric environment, and deployed steerable fins with different surface coatings to be used as aerodynamic surfaces
Date of decay/re-entry/deorbit	14 March 2022 UTC

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

Change of status in operations	
Date when the space object was no longer functional	14 March 2022 UTC

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

OWLID000235**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Committee on Space Research international designator	2021-060S
Name of the space object	OWLID000235
State of registry	United Kingdom
Registration document	ST/SG/SER.E/1008
National designator/registration number	48983
Date and territory or location of launch	1 July 2021 at 1248 hours, 33 seconds UTC; Vostochny, Russian Federation
Basic orbital parameters	
Nodal period	109.4 minutes
Inclination	87.9 degrees
Apogee	1,197 kilometres
Perigee	1,193 kilometres
General function of the space object	Communications satellite
Date of decay/re-entry/deorbit	29 March 2022 at 2145 hours UTC

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

Change of status in operations	
Date when the space object was no longer functional	29 March 2022 at 2145 hours UTC
Date when the space object was moved to a disposal orbit	29 March 2022 at 2145 hours UTC
Physical conditions when the space object was moved to a disposal orbit	The satellite was a few orbits from re-entering the atmosphere
Space object owner or operator	Network Access Associates Limited
Website	www.oneweb.world/
Launch vehicle	Soyuz
Other information	Also known as SL0265