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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 12 April 2021 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 36 space objects, OWLID000111 to OWLID000146 (see annex I), and additional information on the space object IOD-1 GEMS (see annex II).<sup>1</sup>

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<sup>1</sup> The data on the space objects referenced in the annexes were entered into the Register of Objects Launched into Outer Space on 10 May 2021.



## Annex I

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

International designator	National designator	Name	Date of the launch (UTC)	Location of the launch	State of registry	Basic orbital parameters <sup>a</sup>				General function of the space object	Additional voluntary information			
						Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Owner or operator	Launch vehicle	Website	Other information
2021-025A	48042	OWLID000111	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0115
2021-025B	48043	OWLID000112	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0152
2021-025C	48044	OWLID000113	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0153
2021-025D	48045	OWLID000114	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0154
2021-025E	48046	OWLID000115	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0116
2021-025F	48047	OWLID000116	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0150
2021-025G	48048	OWLID000117	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0107
2021-025H	48049	OWLID000118	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0101

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

International designator	National designator	Name	Date of the launch (UTC)	Location of the launch	State of registry	Basic orbital parameters <sup>a</sup>				General function of the space object	Additional voluntary information			
						Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Owner or operator	Launch vehicle	Website	Other information
2021-025J	48050	OWLID000119	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0113
2021-025K	48051	OWLID000120	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0112
2021-025L	48052	OWLID000121	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0156
2021-025M	48053	OWLID000122	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0161
2021-025N	48054	OWLID000123	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0158
2021-025P	48055	OWLID000124	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0157
2021-025Q	48056	OWLID000125	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0162
2021-025R	48057	OWLID000126	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0155
2021-025S	48058	OWLID000127	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0149
2021-025T	48059	OWLID000128	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0148

International designator	National designator	Name	Date of the launch (UTC)	Location of the launch	State of registry	Basic orbital parameters <sup>a</sup>				General function of the space object	Additional voluntary information			
						Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Owner or operator	Launch vehicle	Website	Other information
2021-025U	48060	OWLID000129	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0160
2021-025V	48061	OWLID000130	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0163
2021-025W	48062	OWLID000131	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0159
2021-025X	48063	OWLID000132	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0164
2021-025Y	48064	OWLID000133	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0167
2021-025Z	48065	OWLID000134	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0166
2021-025AA	48066	OWLID000135	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0151
2021-025AB	48067	OWLID000136	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0170
2021-025AC	48068	OWLID000137	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0168
2021-025AD	48069	OWLID000138	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one.web.world	Also known as SL0173

International designator	National designator	Name	Date of the launch (UTC)	Location of the launch	State of registry	Basic orbital parameters <sup>a</sup>				General function of the space object	Additional voluntary information			
						Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Owner or operator	Launch vehicle	Website	Other information
2021-025AE	48070	OWLID000 139	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one web.world	Also known as SL0171
2021-025AF	48071	OWLID000 140	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one web.world	Also known as SL0172
2021-025AG	48072	OWLID000 141	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one web.world	Also known as SL0174
2021-025AH	48073	OWLID000 142	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one web.world	Also known as SL0175
2021-025AJ	48074	OWLID000 143	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one web.world	Also known as SL0177
2021-025AK	48075	OWLID000 144	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one web.world	Also known as SL0178
2021-025AL	48076	OWLID000 145	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one web.world	Also known as SL0108
2021-025AM	48077	OWLID000 146	25 March 2021, 0247 hours, 0 seconds	Vostochny, Russian Federation	United Kingdom	109.4	87.9	1 209	1 205	Communications satellite	Network Access Associates Limited	Soyuz	www.one web.world	Also known as SL0169

<sup>a</sup> Parameters are for the intended final orbit, which should be achieved by 23 July 2021.

## Annex II

### Additional information on a space object registered by the United Kingdom of Great Britain and Northern Ireland\*

#### IOD-1 GEMS

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

Committee on Space Research international designator	1998-67QK
Name of the space object	IOD-1 GEMS
State of registry	United Kingdom of Great Britain and Northern Ireland
Registration documents	<a href="#">ST/SG/SER.E/901</a>
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	413 kilometres
Perigee	409 kilometres
General function of the space object	Earth observation
Date of decay/re-entry/deorbit	3 April 2021 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	3 April 2021 UTC

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