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**Information furnished in conformity with the Convention  
on Registration of Objects Launched into Outer Space****Note verbale dated 11 October 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 object SSTL MWIR Pathfinder (see annex).<sup>1</sup>

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<sup>1</sup> The data on the space object referenced in the annex were entered into the Register of Objects Launched into Outer Space on 16 October 2023.



## Annex

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

#### SSTL MWIR Pathfinder

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

Committee on Space Research international designator	2023-084Y
Name of space object	SSTL MWIR Pathfinder
North American Aerospace Defense Command Catalogue Number (NORAD ID)	56954
State of registry	United Kingdom of Great Britain and Northern Ireland
Date and territory or location of launch	12 June 2023 at 2135 hours UTC; Vandenberg Space Force Base, United States of America
Basic orbital parameters	
Nodal period	95.17 minutes
Inclination	97.51 degrees
Apogee	536 kilometres
Perigee	517 kilometres
General function of space object	Earth observation mission intended to provide medium-wavelength infrared imagery for commercial use

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

Space object owner or operator	Surrey Satellite Technology Ltd.
Website	<a href="http://www.sstl.co.uk">www.sstl.co.uk</a>
Launch vehicle	SpaceX Transporter-8
Other information	Owned by Global Satellite Vu Ltd. Operated by Surrey Satellite Technology Ltd. also known as HotSat-1

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