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**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Note verbale dated 2 October 2024 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 TYCHE (see annex).¹

¹ The data on the space object referenced in the annex were entered into the Register of Objects Launched into Outer Space on 4 October 2024.



Annex

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

TYCHE

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

Committee on Space Research international designator	2024-149AE
Name of the space object	TYCHE
North American Aerospace Defense Command Catalogue Number (NORAD ID)	60496
State of registry	United Kingdom of Great Britain and Northern Ireland
Date and territory or location of launch	16 August 2024 at 1856 hours UTC; Vandenberg Space Force Base, United States of America
Basic orbital parameters	
Nodal period	94.83 minutes
Inclination	97.44 degrees
Apogee	513 kilometres
Perigee	507 kilometres
General function of the space object	Earth observation

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

Space object owner or operator	Surrey Satellite Technology Limited
Launch vehicle	Space X Transporter 11

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