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Committee on the Peaceful Uses of Outer Space

> Information furnished in conformity with General Assembly resolution 1721 B (XVI) by States launching objects into orbit or beyond

Note verbale dated 7 March 2024 from the Permanent Mission of Ireland to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Ireland to the United Nations (Vienna), in accordance with paragraph 1 of General Assembly resolution 1721 B (XVI) of 20 December 1961, has the honour to transmit information for the registration of EIRSAT-1, which was launched on 1 December 2023 (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 8 March 2024.







Annex

Registration information on a space object launched by Ireland^{*}

EIRSAT-1

| Committee on Space Research international designator | 2023-185L |
|--|---|
| Name of the space object | EIRSAT-1 |
| National designator/registration number | 2023IE001 |
| State of registry | Ireland |
| Other launching States | United States of America European Space Agency |
| Date and territory or location of the launch | 1 December 2023 at 1819 hours 43 seconds UTC; Vandenberg Space Force Base, California, United States |
| Basic orbital parameters | |
| Nodal period | 93 minutes |
| Inclination | 97.458 degrees |
| Apogee | 515.688 kilometres |
| Perigee | 508.848 kilometres |
| General function of the space object | A 2U educational and scientific CubeSat from University College Dublin (UCD), Ireland. The three payloads are a gamma ray detector, a material science temperature experiment and an attitude control algorithm testbed. Also includes an ultra-high frequency and very-high frequency antenna deployment module designed and built by UCD |
| Space object owner or operator | University College Dublin |
| Website | www.eirsat1.ie |
| Launch vehicle | SpaceX Falcon 9 |
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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.