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**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Note verbale dated 23 July 2024 from the Permanent Mission of
Finland to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of Finland 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 concerning the AuroraSat-1 satellite (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 25 July 2024.



Annex

Registration information on a space object launched by Finland*

AuroraSat-1

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

Committee on Space Research international designator (COSPAR ID)	2022-047 (exact object unknown) ^a
Name of the space object	AuroraSat-1
National designator/registration number	FIN-19-SAT-2022
State of registry	Finland
Other launching States	New Zealand
Date and territory or location of launch	2 May 2022 at 2249 hours and 0 seconds UTC; Mahia Peninsula, New Zealand
Basic orbital parameters	
Nodal period	95.0 minutes ^b
Inclination	97.44 degrees ^b
Apogee	524 kilometres ^b
Perigee	515 kilometres ^b
General function of the space object	Technology demonstrator. The mission will include the deployment of up to two micro-tethers less than 60 m in length

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	2 May 2022 UTC
Space object owner or operator	Aurora Propulsion Technologies
Launch vehicle	Rocket Lab Electron

^a As there was no communication with the space object, it remains “unidentified”. Therefore, registration information is submitted with no exact COSPAR ID/North American Aerospace Defense Command Catalogue Number (NORAD ID).

^b Orbital parameters (after the launch) are the operator’s estimates based on those of other satellites from the same launch (2022-047).

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