

**Secretariat**Distr.: General
15 November 2024

Original: English

**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 FORESAIL-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*

Foresail-1

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

Committee on Space Research international designator (COSPAR ID)	2022-057 (exact object unknown) ^a
Name of the space object	Foresail-1
National designator/registration number	FIN-21-SAT-2022
State of registry	Finland
Other launching States	United States of America
Date and territory or location of launch	25 May 2022 at 1835 hours and 0 seconds UTC; Cape Canaveral, United States
Basic orbital parameters	
Nodal period	95.2 minutes ^b
Inclination	97.52 degrees ^b
Apogee	532.5 kilometres ^b
Perigee	519.2 kilometres ^b
General function of the space object	3U CubeSat mission by the Finnish Center of Excellence in Research of Sustainable Space. Mission goals are to monitor the near Earth radiation environment and to demonstrate an electrostatic de-orbiting device

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	10 June 2022 at 1530 hours and 0 seconds UTC
Space object owner or operator	Aalto University
Launch vehicle	Falcon 9

^a Foresail-1 was non-operational as at 10 June 2022, and 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 are based on the operator’s estimates in October 2022 on those of other satellites from the same launch (2022-057).

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