



**Secretariat**

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**Committee on the Peaceful  
Uses of Outer Space**

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

**Note verbale dated 13 September 2021 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 Sunstorm satellite (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 15 September 2021.



**Annex****Registration data on a space object launched by Finland\*****Sunstorm****Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Committee on Space Research international designator	2021-073C
Name of space object	Sunstorm
National designator/registration number	FIN-17-SAT-2021
State of registry	Finland
Other launching States	France
Date and territory or location of launch	17 August 2021 at 0147 hours UTC; Kourou, French Guiana, France
Basic orbital parameters	
Nodal period	95.55 minutes
Inclination	97.56 degrees
Apogee	564 kilometres
Perigee	526 kilometres
General function of space object	2U CubeSat for demonstrating a new solar X-ray flux monitor to detect coronal mass ejections and solar flares from the Sun

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

Space object owner or operator	Reaktor Space Lab
Launch vehicle	Vega

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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.