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**Information furnished in conformity with the Convention  
on Registration of Objects Launched into Outer Space****Note verbale dated 18 April 2023 from the Permanent Mission of  
Sweden to the United Nations (Vienna) addressed to the  
Secretary-General**

The Permanent Mission of Sweden to the United Nations (Vienna), in accordance with the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution [3235 \(XXIX\)](#), annex), has the honour to transmit information concerning the launch of the MATS satellite on 4 November 2022 at 1727 hours UTC from New Zealand (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 18 April 2023.



## Annex

### Registration data on a space object launched by Sweden\*

#### MATS

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

Committee on Space Research international designator	2022-147A
Name of the space object	MATS
National designator/registration number	MATS
State of registry	Sweden
Other launching States	New Zealand
Date and territory or location of launch	4 November 2022 at 1727 hours and 0 seconds UTC; Mahia Peninsula, New Zealand
Basic orbital parameters	
Nodal period	96.46 minutes
Inclination	97.65 degrees
Apogee	597 kilometres
Perigee	581 kilometres
General function of the space object	Atmospheric science
Date of decay/re-entry/deorbit	4 May 2025 UTC

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

Space object owner or operator	OHB Sweden AB
Website	<a href="http://www.ohb-sweden.se/space-missions/mats">www.ohb-sweden.se/space-missions/mats</a>
Launch vehicle	Electron

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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.