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). ¹

¹ 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: www.ohb-sweden.se/space-missions/mats
- Launch vehicle: Electron

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