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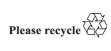
Original: English

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

Note verbale dated 2 March 2023 from the Permanent Mission of Denmark to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Denmark 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 space object Sternula-1 (see annex).

¹ The data on the space object referenced in the annex were entered into the Register of Objects Launched into Outer Space on 3 March 2023.





Annex

Registration information on a space object launched by Denmark*

Sternula-1

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

Committee on Space Research

international designator

2023-001AM

Name of the space object Sternula-1 National designator/registration

number

2023-DK-01

State of registry Denmark

Other launching States United States of America

Date and territory or location of

launch

3 January 2023 at 1456 hours 0 seconds UTC;

Cape Canaveral, United States

Basic orbital parameters

Nodal period 95.21 minutes Inclination 97.5 degrees 533 kilometres Apogee Perigee 519 kilometres

General function of the space

object

Sternula-1 is the first of a constellation of at least 65 satellites delivering very-high frequency data exchange (VDE) coverage to maritime safety and other maritime services. Sternula-1 is a 6U nanosatellite with a two-element cross-Yagi antenna and a VDE data exchange satellite transceiver as payloads. The steerable VDE data exchange antenna and transceiver maintain contact with ships. Two S-band feeder link radios enable contact with ground stations for telemetry and telecommand. Sternula-1 is part of the MARIOT "Grand Solutions" project of Innovation Fund Denmark and is to demonstrate operational services provided by the Danish Meteorological Institute to ships operating in the arctic region. After demonstration, commercial operations are to be targeted.

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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.

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

Space object owner or operator Sternula A/S (CVR DK40650709)

Website www.sternula.com

Launch vehicle Falcon 9, Transporter-6

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