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**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).<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 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
Apogee	533 kilometres
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.

\* 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	<a href="http://www.sternula.com">www.sternula.com</a>
Launch vehicle	Falcon 9, Transporter-6

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