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**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Note verbale dated 16 June 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 DISCO-1 (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 21 June 2023.



Annex

Registration information on a space object launched by Denmark*

DISCO-1

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

Committee on Space Research international designator	2023-054AW
Name of the space object	DISCO-1
National designator/registration number	2023-DK-02
State of registry	Denmark
Other launching States	United States of America
Date and territory or location of launch	15 April 2023 at 0647 hours UTC; Vandenberg Space Force Base/Western Range, United States
Basic orbital parameters	
Nodal period	94.6 minutes
Inclination	97.4 degrees
Apogee	515.8 kilometres
Perigee	494.5 kilometres
General function of the space object	DISCO-1 is a 1U student CubeSat hosting an ultra-high frequency (UHF) radio and a Coral Dev Board Mini single-board computer with a Tensor Processing Unit coprocessor. The aim of the satellite is technology demonstration. The students will test the use of machine learning on the single-board microcomputer and conduct various other experiments, including using a small camera as a cosmic ray detector. It is also planned for the UHF radio to be offered as a digipeater service to the radio amateur community

* 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	Aarhus University
Website	github.com/discosat
Launch vehicle	Transporter-7/Vigoride-6
Other information	The Vigoride-6 space tug developed by Momentus was launched as part of the Transporter-7 mission on a SpaceX Falcon 9 Block 5 rocket on 15 April 2023 at 0647 hours UTC. DISCO-1 was deployed from Vigoride-6 on 17 May 2023 at 2219 hours and 50 seconds UTC
