$ST_{\text{/SG/SER.E/1115}}$ **United Nations**



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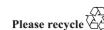
Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 24 April 2023 from the Permanent Mission of Canada to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Canada to the United Nations (Vienna) has the honour to submit technical information concerning Canadian space objects for registration as required under the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), to which Canada is a State party (see annex).1

¹ The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 25 April 2023.





Annex

Registration data on space objects launched by Canada*

ORCASat

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

Committee on Space Research

international designator

1998-067UT

Name of space object ORCASat

National designator/registration number 55126

State of registry Canada

Other launching States United States of America

Date and territory or location of launch 26 November 2022 at 0720 hours and

42 seconds UTC (from Earth); Cape Canaveral/Eastern Test Range,

United States

29 December 2022 at 1345 hours UTC

(from space);

International Space Station via Nanoracks CubeSat Deployer – twenty-fourth mission

Basic orbital parameters

Nodal period 92.8 minutes
Inclination 51.6424 degrees
Apogee 411 kilometres
Perigee 407 kilometres

General function of space object Student training and technology

demonstration

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

Space object owner or operator University of Victoria Centre for Aerospace

Research

Website www.orcasat.ca
Launch vehicle SpaceX Falcon 9

Other information Owner/contact is Professor Afzal Suleman

(suleman@uvic.ca)

2/3 V.23-07937

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

LORIS

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

Committee on Space Research

international designator

1998-067US

Name of space object LORIS

National designator/registration number 55125

State of registry Canada

Other launching States United States

Date and territory or location of launch 26 November 2022 at 0720 hours and

42 seconds UTC (from Earth); Cape Canaveral/Eastern Test Range,

United States

29 December 2022 at 1345 hours UTC

(from space);

International Space Station via Nanoracks CubeSat Deployer – twenty-fourth mission

Basic orbital parameters

Nodal period 92.7 minutes

Inclination 51.64 degrees

Apogee 410 kilometres

Perigee 407 kilometres

General function of space object

The CubeSat LORIS will capture images of

Nova Scotia, Canada and its surrounding coastline in order to perform research and development on the region's environment and physical systems, as well as atmospheric investigation via remote sensing technology

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

Space object owner or operator Dalhousie University

Website dalorbits.ca

Launch vehicle SpaceX Falcon 9

V.23-07937 3/3