



**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)

* 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