



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

Note verbale dated 11 April 2023 from the Permanent Mission of Finland to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Finland 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 ICEYE-X20 and ICEYE-X21 satellites (see annex I), as well as additional information concerning the ICEYE-X5 satellite (see annex II).¹

¹ The data on the space objects referenced in the annexes were entered into the Register of Objects Launched into Outer Space on 12 April 2023.



Annex I

Registration data on space objects launched by Finland*

ICEYE-X20

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

Committee on Space Research international designator	2022-057AD
Name of space object	ICEYE-X20
National designator/registration number	FIN-20-SAT-2022
State of registry	Finland
Other launching States	United States of America
Date and territory or location of launch	25 May 2022 at 1835 hours and 0 seconds UTC; Cape Canaveral, Florida, United States
Basic orbital parameters	
Nodal period	95.2 minutes
Inclination	97.5 degrees
Apogee	543.3 kilometres
Perigee	525.8 kilometres
General function of space object	Earth observation satellite carrying a synthetic aperture radar. Data will be provided commercially

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

Space object owner or operator	ICEYE Oy
Launch vehicle	Falcon 9

ICEYE-X21

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Committee on Space Research international designator	2023-001AS
Name of space object	ICEYE-X21
National designator/registration number	FIN-22-SAT-2023
State of registry	Finland
Other launching States	United States

* The information was submitted using the form prepared pursuant to General Assembly resolution [62/101](#) and has been reformatted by the Secretariat.

Date and territory or location of launch	3 January 2023 at 1456 hours and 0 seconds UTC; Cape Canaveral, Florida, United States
Basic orbital parameters	
Nodal period	95.1 minutes
Inclination	97.5 degrees
Apogee	537 kilometres
Perigee	517 kilometres
General function of space object	Earth observation satellite carrying a synthetic aperture radar. Data will be provided commercially

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

Space object owner or operator	ICEYE Oy
Launch vehicle	Falcon 9

Annex II

Additional information on a space object previously registered by Finland*

ICEYE-X5

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

Committee on Space Research international designator	2019-038C
Name of space object	ICEYE-X5
National designator/registration number	FIN-7-SAT-2019
State of registry	Finland
Registration document	ST/SG/SER.E/912
Other launching States	Russian Federation
Date and territory or location of launch	5 July 2019 at 0541 hours and 46 seconds UTC; Vostochny Cosmodrome, Russian Federation
General function of space object	Earth observation satellite carrying a synthetic aperture radar. Data will be provided commercially

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

Change of status in operations	
Date when the space object was no longer functional	20 April 2022 UTC
Space object owner or operator	ICEYE Ltd.

* The information was submitted using the form prepared pursuant to General Assembly resolution [62/101](#) and has been reformatted by the Secretariat.