



Secretariat

Distr.: General
20 March 2019

Original: English

**Committee on the Peaceful
Uses of Outer Space**

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

**Note verbale dated 6 February 2019 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 Reaktor Hello World satellite, the ICEYE-X2 experimental satellite and the Suomi 100 educational satellite (see annex).



Annex

Registration data on space objects launched by Finland*

Reaktor Hello World

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

Committee on Space Research international designator	2018-096AA
Name of space object	Reaktor Hello World
National designator/registration number	FIN-3-SAT-2018
State of registry	Finland
Other launching States	India
Date and territory or location of launch	29 November 2018 at 0427 hours 30 seconds UTC; Satish Dhawan Space Centre, Sriharikota, India
Basic orbital parameters	
Nodal period	94.35 minutes
Inclination	97.5 degrees
Apogee	499 kilometres
Perigee	476 kilometres
General function of space object	2U CubeSat designed for peaceful demonstration purposes

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

Space object owner or operator	Reaktor Space Lab/Reaktor Radio Actives ry.
Website	https://reaktorspace.com/ reaktor-hello-world
Launch vehicle	Indian Space Research Organization/ Antrix Corporation Limited Polar Satellite Launch Vehicle (PSLV)

ICEYE-X2

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

Committee on Space Research international designator	2018-099AU
Name of space object	ICEYE-X2
National designator/registration number	FIN-4-SAT-2018
State of registry	Finland

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

Other launching States	United States of America
Date and territory or location of launch	31 December 2018 at 1834 hours, 11 seconds UTC; Vandenberg Air Force Base/Western Test Range, California, United States
Basic orbital parameters	
Nodal period	96 minutes
Inclination	97.77 degrees
Apogee	600 kilometres
Perigee	580 kilometres
General function of space object	Experimental 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 Ltd.
Launch vehicle	Falcon 9 v.1 2b5 65

Suomi 100

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

Committee on Space Research international designator	2018-099AY
Name of space object	Suomi 100
National designator/registration number	FIN-5-SAT-2018
State of registry	Finland
Other launching States	United States
Date and territory or location of launch	3 December 2018 UTC; Vandenberg Air Force Base/Western Test Range, California, United States
Basic orbital parameters	
Nodal period	96.40 minutes
Inclination	97.86 degrees
Apogee	609 kilometres
Perigee	577 kilometres
General function of space object	Space weather and ionospheric research

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

Space object owner or operator	Aalto University, Finland
Launch vehicle	Falcon 9