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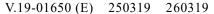
## Committee on the Peaceful Uses of Outer Space

# 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

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<sup>\*</sup> 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

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

2018-099AY

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

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