



Secretariat

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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 19 June 2017 from the Permanent Mission of
Sweden to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of Sweden 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 regarding space object QBEE50-LTU-OC (see annex).



Annex

Registration data on a space object launched by Sweden^{*}

QBEE50-LTU-OC

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

Committee on Space Research international designator	1998-067LR
Name of space object	QBEE50-LTU-OC
National designator/registration number	No national numbers are used by Sweden
State of registry	Sweden
Other launching States	Belgium United States of America
Date and territory or location of launch	18 April 2017 at 1511 hours UTC Cape Canaveral, United States (deployed from the International Space Station in May 2017)
Basic orbital parameters	
Nodal period	92.6 minutes
Inclination	51.64 degrees
Apogee	409 kilometres
Perigee	408 kilometres
General function of space object	Atmospheric science: characterize the behaviour of atomic oxygen in the lower thermosphere

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

Other information	QBEE50-LTU-OC (denoted SE01 by Belgian Federal Science Policy Office) is one of many CubeSats of the QB50 project of the von Karman Institute for Fluid Dynamics in Belgium. The Principal Investigator for QBEE50-LTU-OC is Reza Amami of the Luleå University of Technology in Sweden.
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^{*} The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.