



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 8 August 2019 from the Permanent Mission of
the United Arab Emirates to the United Nations (Vienna)
addressed to the Secretary-General**

The Permanent Mission of the United Arab Emirates 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 registration data on the space object MySat-1 (see annex).



Annex

Registration data on a space object launched by the United Arab Emirates^{*}

MySat-1

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

Committee on Space Research international designator	18092F
Name of space object	MySat-1
National designator/registration number	MySat-1
State of registry	United Arab Emirates
Other launching States	United States of America
Date and territory or location of launch	17 November 2018 at 0901 hours, 31 seconds UTC; Launch Pad LP-0A, Mid-Atlantic Regional Spaceport, Virginia, United States
Basic orbital parameters	
Nodal period	93.815 minutes
Inclination	51.6434 degrees
Apogee	469.785 kilometres
Perigee	452.489 kilometres
General function of space object	MySat-1 demonstrates the educational value of remote sensing technologies through operation of its camera and testing of a coin-cell battery based on novel technology developed at Khalifa University, and generates flight heritage for student-built on-board software. Uplink (RX) frequency: 145 MHz Downlink (TX) frequency: 435 MHz

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

Space object owner or operator	Khalifa University of Science and Technology
Launch vehicle	Northrop Grumman Cygnus commercial resupply vehicle
Other information	The nominal minimum operational lifetime of the spacecraft is one year. After completion of the educational and scientific mission, the spacecraft (in particular the transmitter) will be permanently

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

deactivated. Deorbiting of the nanosatellite other than by natural decay is not possible. The satellite was launched on board the Cygnus CRS-10 cargo mission and was deployed from the spacecraft's external deployer after departing from the International Space Station.
