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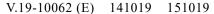
Committee on the Peaceful Uses of Outer Space

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

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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.

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.

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