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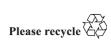
Committee on the Peaceful Uses of Outer Space

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

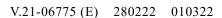
Note verbale dated 10 September 2021 from the Permanent Mission of the United Arab Emirates to the United Nations (Vienna) addressed to the Secretary-General

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 information on the space object MeznSat (see annex).¹

¹ The data on the space object referenced in the annex were entered into the Register of Objects Launched into Outer Space on 12 September 2021.









Annex

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

MeznSat

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

Committee on Space Research

international designator

2020-068D

North American Aerospace Defense

Command Catalogue Number

(NORAD ID)

46489

Name of space object MeznSat

State of registry United Arab Emirates
Other launching States Russian Federation

Date and territory or location of launch 28 September 2020 at 1120 hours 32 seconds

UTC:

Plesetsk Cosmodrome, Russian Federation

Basic orbital parameters

Nodal period 95.8 minutes
Inclination 97.7 degrees
Apogee 575.9 kilometres
Perigee 550.3 kilometres

General function of space object Earth observation and education. It is a 3U

CubeSat for monitoring greenhouse gases using short-wave infrared spectrometry

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

Change of status in operations

Date when space object is no longer functional

24 January 2021 at 1307 hours 55 seconds

UTC

Physical conditions when space object is moved to a disposal orbit

Possible failure of the communications

subsystem. The failure is under

investigation.

Space object owner or operator Khalifa University of Science and

Technology

Launch vehicle Soyuz-2.1b/Fregat

Other information MeznSat is a 3U CubeSat developed, built

and tested primarily by university students to detect greenhouse gas concentrations. The project aims to provide the United Arab Emirates space industry with trained graduates through hands-on experience

2/2 V.21-06775

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