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**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Note verbale dated 24 June 2022 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 space object DMSAT-1 (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 11 July 2022.



Annex

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

DMSAT-1

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

Committee on Space Research international designator	2021-022J
Name of space object	DMSAT-1
National designator/registration number	AE-21-01
State of registry	United Arab Emirates
Date and territory or location of launch	22 March 2021 at 0607 hours 12 seconds UTC; Baikonur Cosmodrome, Russian Federation
Basic orbital parameters	
Nodal period	95.6 minutes
Inclination	97.6 degrees
Apogee	565.06 kilometres
Perigee	541.7 kilometres
General function of space object	Earth observation DMSAT-1 is a high-performance small satellite designed to perform multi-spectral observations in visual and near infrared bands, the purpose of which is to detect and monitor aerosol content in the atmosphere, mainly particulate matter PM _{2.5} and PM ₁₀ as well as levels of greenhouse gases such as CO ₂ and CH ₄

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

Space object owner or operator	Mohammed Bin Rashid Space Centre
Launch vehicle	Fregat upper stage (number 122-05)

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