



**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 November 2020 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 Hope Probe (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 20 November 2020.



Annex

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

Hope Probe

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

Committee on Space Research international designator	2020-047A
Name of space object	Hope Probe
State of registry	United Arab Emirates
Other launching States	Japan
Date and territory or location of launch	19 July 2020 at 2158 hours, 14 seconds UTC; Tanegashima Space Centre, Japan
Basic orbital parameters	
Nodal period	3 300 minutes
Inclination	18.6 degrees (International Astronomical Union coordinate system for Mars)
Apogee	43 000 kilometres
Perigee	20 000 kilometres
General function of space object	Science/space exploration. The Emirates Mars Mission (EMM) will investigate the Mars atmosphere and collect information about atmospheric circulation and connections through a combination of three distinct instruments: (a) Emirates eXploration Imager; (b) Emirates Mars InfraRed Spectrometer; (c) EMM Mars Ultraviolet Spectrometer.

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

Space object owner or operator	Mohammed Bin Rashid Space Centre of the United Arab Emirates Space Agency
Website	www.emiratesmarsmission.ae
Launch vehicle	Mitsubishi Heavy Industries, Ltd. H-IIA Launch Vehicle Flight No. 42
Celestial body space object is orbiting	Mars

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