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Committee on the Peaceful Uses of Outer Space

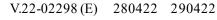
Information furnished in conformity with General Assembly resolution 1721 B (XVI) by States launching objects into orbit or beyond

Note verbale dated 10 March 2022 from the Permanent Mission of Tunisia to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Tunisia to the United Nations (Vienna) has the honour to transmit, in conformity with paragraph 1 of General Assembly resolution 1721 B (XVI) of 20 December 1961, information for the registration of the ChallengeONE satellite, which was launched on 22 March 2021 (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 8 April 2022.







Annex

[Original: French]

Registration data on a space object launched by Tunisia*

ChallengeONE

Committee on Space Research international designator	2021-022AA
Name of the space object	ChallengeONE
National designator/registration number	3567-2021-004
State of registry	Tunisia
Date and territory or location of the launch	22 March 2021 at 0607 hours 12 seconds UTC; Baikonur Cosmodrome, Kazakhstan
Basic orbital parameters	
Nodal period	95.6 minutes
Inclination	97.6 degrees
Apogee	550.0 kilometres
Perigee	549.3 kilometres
General function of the space object	The ChallengeONE satellite provides the functionalities of a LoRa gateway placed in orbit. It receives and stores data transmitted by Internet of things terminals
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	When the satellite is close to a ground station, the collected data will be transmitted to that station, where they can be processed, analysed and/or distributed
Change of status in operations	When the satellite is close to a ground station, the collected data will be transmitted to that station, where they can be processed, analysed and/or
Change of status in operations Date when space object is no longer functional	When the satellite is close to a ground station, the collected data will be transmitted to that station, where they can be processed, analysed and/or
Date when space object is no	When the satellite is close to a ground station, the collected data will be transmitted to that station, where they can be processed, analysed and/or distributed
Date when space object is no longer functional	When the satellite is close to a ground station, the collected data will be transmitted to that station, where they can be processed, analysed and/or distributed T0+5 years

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