



General Assembly

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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	<p>The ChallengeONE satellite provides the functionalities of a LoRa gateway placed in orbit. It receives and stores data transmitted by Internet of things terminals</p> <p>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</p>
Change of status in operations	
Date when space object is no longer functional	T0+5 years
Space object owner or operator	TELNET Holding (Tunisia)
Website	https://challengeone.space
Launch vehicle	Soyuz 2-1a

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