

**Secretariat**

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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 4 October 2021 from the Permanent Mission  
of Spain to the United Nations (Vienna) addressed to the  
Secretary-General**

The Permanent Mission of Spain 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 submit additional information on space object UPM Sat-2, a satellite that was registered in 2020 and erroneously entered as UMPSat-2 instead of UPM Sat-2 (see annex). All other parameters remain unchanged. Spain has corrected its entry in the Spanish National Registry.<sup>1</sup>

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<sup>1</sup> The data on the space object referenced in the annex were updated in the Register of Objects Launched into Outer Space on 3 November 2021.



## Annex

### **Additional information on a space object launched by Spain\***

#### **UPM Sat-2**

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

Committee on Space Research international designator	2020-061
Name of space object	UPM Sat-2
National designator/registration number	ROLEU.ESP.12
State of registry	Spain
Registration document	ST/SG/SER.E/955
Date and territory or location of launch	3 September 2020 at 0231 hours, 35 seconds UTC; Kourou, French Guiana
Basic orbital parameters	
Nodal period	5 694.78 seconds
Inclination	97.4580 degrees
Apogee	527.856 kilometres
Perigee	508.161 kilometres
General function of space object	Educational, scientific and technology demonstration purposes. This university-designed satellite, which is medium-sized (mass: 50 kg), has been developed by staff, students and teachers at the Technical University of Madrid under the direction of the Ignacio da Riva University Institute of Microgravity

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

Space object owner or operator	Technical University of Madrid
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\* The information was submitted using the form prepared pursuant to General Assembly resolution [62/101](#) and has been reformatted by the Secretariat.