



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

Note verbale dated 25 July 2023 from the Permanent Mission of Colombia to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Colombia 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 provide information on the change in the operational status of the FACSat-1 satellite (see annex).¹

In that regard, the Government of Colombia wishes to convey that, as planned since the construction of the FACSat-1 satellite, that satellite was to reach the end of its service life in 2023 and, accordingly, completed its service cycle and useful life on 7 June of this year.

This space asset has thus changed in status from “operational” to “out of service”, having initiated the process of descent (final decay) or re-entry into the Earth’s atmosphere and currently travelling below an altitude of 200 kilometres, where it is not controlled by the Space Operations Centre.

Furthermore, it is important to note that, as from the planning phase, and in accordance with the United Nations Guidelines for the Long-term Sustainability of Outer Space Activities, it had been expected that FACSat-1 would re-enter the Earth’s atmosphere, where it would disintegrate as a result of friction and high temperatures without causing damage on Earth or to other assets in space, thus not only preventing the formation of space debris but also complying with institutional policies regarding the care and protection of the environment.

¹ The data on the space object referenced in the annex were entered into the Register of Objects Launched into Outer Space on 28 July 2023.



Annex

Additional information on a space object previously registered by Colombia*

FACSat-1

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

Committee on Space Research international designator	2018-096C
Name of space object	FACSat-1
National designator/registration number	2018-COL-01
State of registry	Colombia
Registration document	ST/SG/SR.E/885
Other launching States	India
Date and territory or location of launch	29 November 2018 at 0427 hours and 30 seconds UTC; Satish Dhawan Space Centre, Sriharikota, India
Basic orbital parameters	
Nodal period	94 minutes
Inclination	97.4760 degrees
Apogee	505.9466593 kilometres
Perigee	478.5982954 kilometres
General function of space object	According to the 18th Space Defense Squadron of the United States Space Force, the re-entry of FACSat 1 (North American Aerospace Defense Command Identification Number (NORAD ID) 43721), the function of which was Earth observation, was officially published on the Space-Track website on 3 June 2023.
Date of decay/re-entry/deorbit	3 June 2023 at 0000 hours and 0 seconds UTC

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

Change of status in operations	
Date when space object was no longer functional	3 June 2023 at 0000 hours and 0 seconds UTC
Space object owner or operator	Colombian Air Force

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

Website	poderespacial.fac.mil.co/es/facsat
Launch vehicle	PSLV-C43
Other information	Earth observation satellite which re-entered the Earth's atmosphere on 3 June 2023
