



General Assembly

Distr.: General
6 September 2021

Original: English

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 29 July 2021 from the Permanent Mission of Mauritius to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Mauritius to the United Nations (Vienna) has the honour to transmit, in accordance with paragraph 1 of General Assembly resolution 1721 B (XVI) of 20 December 1961, information on the launch of the Mauritius Imagery and Radiocommunication Satellite 1 (MIR-SAT1) to the International Space Station on 3 June 2021 and its subsequent deployment into outer space on 22 June 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 29 July 2021.



Annex

Registration data on a space object launched by Mauritius*

Mauritius Imagery and Radiocommunication Satellite 1 (MIR-SAT1)

Committee on Space Research international designator	1998-067SN
Name of the space object	Mauritius Imagery and Radiocommunication Satellite 1 (MIR-SAT1)
National designator/ registration number	MIR-SAT1
State of registry	Mauritius
Date and territory or location of the launch	22 June 2021 at 1055 hours 12 seconds UTC; International Space Station (launched to the International Space Station on 3 June 2021)
Basic orbital parameters	
Nodal period	91 minutes
Inclination	51.6218 degrees
Apogee	430.77 kilometres
Perigee	417.06 kilometres
General function of the space object	Capacity-building in space engineering for Mauritian professionals; receiving MIR-SAT1 beacons; assessing MIR-SAT1 on-board components status and plan mission; uploading mission tasks such as the taking of images of Mauritius and its exclusive economic zone by a 1.4-megapixel complementary metal oxide semiconductor (CMOS) imager module; downloading data from the satellite; testing island-to-island communication via digipeater
Expected date decay/re-entry/deorbit	30 June 2022 at 0000 hours UTC
Space object owner or operator	Mauritius Research and Innovation Council
Website	https://spacemauritius.com
Launch vehicle	SpaceX CRS22

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