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**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Note verbale dated 23 April 2025 from the Permanent Mission of
Pakistan to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of Pakistan 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 transmit information on the space objects ICUBE-Qamar, PakSat-MM1, and PRSC-EO1 (see annex).¹

¹ The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 30 May 2025.



Annex

Registration information on space objects launched by Pakistan*

ICUBE-QAMAR (ICUBE-Q)

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

Committee on Space Research international designator	2024-083C
Name of space object	ICUBE-QAMAR (ICUBE-Q)
State of registry	Pakistan
Other launching States	China
Date and territory or location of launch	3 May 2024 at 0927 hours 0 seconds UTC; Wenchang Satellite Launch Centre, Hainan, China
Basic orbital parameters	
Nodal period	720 minutes
Inclination	147.7560 degrees
Apogee	10,629 kilometres
Perigee	1,937 kilometres
General function of space object	ICUBE-Qamar's (ICUBE-Q) mission was to demonstrate small cubesat (under 10 kilograms) operations in lunar orbit, including: test and verify the design parameters of the satellite bus subsystems and overall satellite operation, including the imaging payload, in a lunar orbit; establish a communications link with ICUBE-Q through a deep space network; receiving satellite health data through telemetry and sending telecommands; maintaining satellite orientation through the attitude control subsystem; and taking images of the Moon, Sun, Earth and the Sun and Moon together
Date of decay/re-entry/deorbit	Projected re-entry towards lunar surface is in 2025

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

Change of status in operations	
Date when the space object was no longer functional	2 July 2024 UTC
Date when the space object was moved to a disposal orbit	Not applicable since the satellite does not have any thrusters to change orbit

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

Physical conditions when the space object was moved to a disposal orbit	Not applicable since the object cannot be moved to any other orbit
Space object owner or operator	Pakistan
Website	www.ist.edu.pk/icube-q
Launch vehicle	Long March 5 Chinese launch vehicle
Celestial body space object is orbiting	Moon
Other information	ICUBE-Qamar (ICUBE-Q) is one of four international payloads launched with China's Chang'e-6 sample return mission to the far side of the Moon ICUBE-Q entered into lunar orbit on 8 May 2024 at 0814 hours 26 seconds UTC with the following orbital parameters:
Semi major axis	6,251.6215 kilometres
Eccentricity	0.67029
Orbital inclination	147.756 degrees
True anomaly	-159.4439 degrees
Right ascension of the ascending node (RAAN)	79.5738 degrees
Argument of perilune	115.2451 degrees
International designator	2024-083C
North American Aerospace Defense Command (NORAD) Catalog Number	59629

PAKSAT-MM1

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

Committee on Space Research international designator	2024-104A
Name of space object	PAKSAT-MM1
State of registry	Pakistan
Other launching States	China
Date and territory or location of launch	30 May 2024 at 1212 hours 0 seconds UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	n/a
Inclination	0.0 degrees
Apogee	35,802.2 kilometres
Perigee	35,786.3 kilometres

General function of space object	Multi-mission communications satellite comprising of L-, C-, Ku- and Ka-bands. PAKSAT-MM1 will allow millions of Pakistani citizens to have access to advance telecommunications and satellite navigation services
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Additional voluntary information for use in the Register of Objects Launched into Outer Space

Geostationary orbit position	38.2 degrees East
Space object owner or operator	Space and Upper Atmosphere Research Commission (SUPARCO), Pakistan
Website	www.suparco.gov.pk
Launch vehicle	Long March CZ-3B/E

PRSC-EO1

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

Committee on Space Research international designator	2025-012B
Name of space object	PRSC-EO1
State of registry	Pakistan
Other launching States	China
Date and territory or location of launch	17 January 2025 at 0420 hours 13.277 seconds UTC; Jiuquan Satellite Launch Centre (JSLC), China
Basic orbital parameters	
Nodal period	95.1 minutes
Inclination	97.4768 degrees
Apogee	525.308 kilometres
Perigee	511.947 kilometres
General function of space object	The satellite will join Pakistan's fleet of in-orbit remote sensing satellites, i.e. PRSS-1 and PakTES-1A. The remote sensing data will be utilised in the fields of land mapping, agriculture classification and assessment, urban and rural planning, environmental monitoring, natural disaster monitoring/management, surveying, natural resources protection, etc.

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

Space object owner or operator	SUPARCO, Pakistan
Website	www.suparco.gov.pk
Launch vehicle	Long March-2D (LM-2D)