



**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Note verbale dated 12 May 2023 from the Permanent Mission of
India to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of India 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 concerning Indian space objects and launches relating to the EOS-6, Thybolt-1, INS-2B, PSLV, LVM, AAM and RISAT-2 missions, launched from Sriharikota, India (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 12 May 2023.



Annex

A. Registration data on space objects launched by India during the period July to December 2022*

Number	Name of the space object	Appropriate designator of the space object (international designator)	Date and territory or location of launch			Basic orbital characteristics				General function of the space object
			Launch vehicle	Launch date	Launch site	Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
Spacecraft										
1.	EOS-6	2022-158A	PSLV-C54	26 November 2022	Sriharikota, India	736	735	98.35	99.52	Earth observation satellite mainly for oceanographic applications
2.	Thybolt-1	2022-158C	PSLV-C54	26 November 2022	Sriharikota, India	500	484	97.44	94.45	Developed by Dhruva Space Private Limited for the in-orbit demonstration of amateur radio communication capabilities
3.	Thybolt 1	2022-158D	PSLV-C54	26 November 2022	Sriharikota, India	500	484	97.44	94.46	Developed by Dhruva Space Private Limited for the in-orbit demonstration of amateur radio communication capabilities
4.	INS-2B	2022-158E	PSLV-C54	26 November 2022	Sriharikota, India	500	484	97.44	94.45	Nanosatellite launched as a joint venture between India and Bhutan, carrying a payload for multispectral optical imaging and a digipeater
Upper stages of launch vehicles (rocket bodies)										
1.	LVM 3 M2 cryo-stage (C25)	2022-138AN	LVM3 M2	22 October 2022	Sriharikota, India	623	585	87.39	96.77	Injection of 36 OneWeb satellites
2.	PSLV-C54 R/B	2022-158B	PSLV-C54	26 November 2022	Sriharikota, India	527	494	97.45	94.84	Injection of EOS-6, two Thybolt satellites, four Astrocast satellites, INS-2B and Anand

* The registration data are reproduced in the form in which they were received.

B. Space objects with changes in status

Number	Name of the space object	Appropriate designator of the space object (international designator)	Registration document	Date and territory or location of launch			General function of the space object	Date of decay/re-entry
				Launch vehicle	Launch date	Launch site		
1.	Advanced Avionics Module integrated with PSLV-C8 upper stage	2007-013B ^a	–	PSLV-C8	23 April 2007	Sriharikota, India	Testing of advanced launch vehicle avionics systems, such as mission computers, and navigation and telemetry systems	19 July 2022
2.	RISAT-2	2009-019A ^a	ST/SG/SER.E/570	PSLV-C12	20 April 2009	Sriharikota, India	Radar imaging satellite	30 October 2022

^a Both objects underwent uncontrolled re-entry into the atmosphere.