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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 6 July 2021 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-01, CMS-01, SDSAT, UNITYsat, Sindhu Netra and PSLV missions, launched from Sriharikota, India (see annex).<sup>1</sup>

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<sup>1</sup> The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 9 July 2021.



## Annex

## Registration data on space objects launched by India during the period July 2020 to June 2021\*

			Date and territory or location of launch			Basic orbital characteristics				
		Appropriate designator of the space object (international designator)								
Number	Name of the space object		Launch vehicle	Launch date	Launch site	Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	General function of the space object
Spacecraft										
1.	EOS-01	2020-081A	PSLV-C49	7 November 2020	SRI	583	568	36.90	95.97	Earth observation
2.	CMS-01	2020-099A	PSLV-C50	17 December 2020	SRI	35 801	35 772	0.01	1 436.10	Communication
3.	SDSAT	2021-015V	PSLV-C51	28 February 2021	SRI	510	496	97.46	94.68	Student satellite for magnetosphere and ionospheric radiation studies
4.	UNITYsat-GHRCEsat	2021-015T	PSLV-C51	28 February 2021	SRI	508	494	97.46	94.64	Technology demonstration of indigenously developed systems and subsystems for nano- and pico-satellite applications
5.	UNITYsat-JITsat	2021-015S	PSLV-C51	28 February 2021	SRI	508	494	97.46	94.64	Technology demonstration of indigenously developed systems and subsystems for nano- and pico-satellite applications
6.	UNITYsat-SriShakthiSat	2021-015U	PSLV-C51	28 February 2021	SRI	508	494	97.45	94.64	Technology demonstration of indigenously developed systems and subsystems for nano- and pico-satellite applications
7.	Sindhu Netra	2021-015D	PSLV-C51	28 February 2021	SRI	505	490	97.46	94.57	Automatic ship identification
Upper stages of launch vehicles (rocket bodies)										
1.	PSLV R/B (PSLV-C49)	2020-081L	PSLV-C49	7 November 2020	SRI	572	514	36.85	95.50	Injection of ESO-01 and other payloads
2.	PSLV R/B (PSLV-C50)	2020-099B	PSLV-C50	17 December 2020	SRI	20 805	234	17.94	364.34	Injection of CMS-01
3.	PSLV R/B (PSLV-C51)	2021-015B	PSLV-C51	28 February 2021	SRI	558	498	97.37	95.2	Injection of Amazonia-1 and other payloads

Note: Space objects were launched from Sriharikota, India (SRI).

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