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

Note verbale dated 27 October 2022 from the Permanent Mission of the Republic of Korea to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the Republic of Korea 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 five space objects, PVSAT, MIMAN, SNUGLITE-II, STEP Cube Lab-II and RANDEV, launched by the Republic of Korea (see annex).[1]

[1] The data on space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 27 October 2022.

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Annex

Registration data on space objects launched by the Republic of Korea*

PVSAT

Name of space object	PVSAT
Name of launching State	Republic of Korea
Date of launch	21 June 2022 UTC
Location of launch	Naro Space Center, Republic of Korea
Basic orbital parameters	
Nodal period	98.85 minutes
Inclination	98.02 degrees
Apogee	714.6 kilometres
Perigee	700.1 kilometres
General function of space object	KLSV-II performance verification, release of CubeSats, on-orbit verification of technology
Other information	Sun-synchronous orbit

MIMAN

Name of space object	MIMAN
Name of launching State	Republic of Korea
Date of launch	21 June 2022 UTC
Location of launch	Naro Space Center, Republic of Korea
Basic orbital parameters	
Nodal period	98.85 minutes
Inclination	98.02 degrees
Apogee	714.6 kilometres
Perigee	700.1 kilometres
General function of space object	Aerosol monitoring, education
Other information	Sun-synchronous orbit

SNUGLITE-II

Name of space object	SNUGLITE-II
Name of launching State	Republic of Korea
Date of launch	21 June 2022 UTC
Location of launch	Naro Space Center, Republic of Korea

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

Basic orbital parameters	
Nodal period	98.74 minutes
Inclination	98.03 degrees
Apogee	711.4 kilometres
Perigee	699.4 kilometres
General function of space object	Global navigation satellite systems receiver and radio occultation verification Amateur radio repeater, on-orbit verification Technology demonstration
Other information	Sun-synchronous orbit

STEP Cube Lab-II

Name of space object	STEP Cube Lab-II
Name of launching State	Republic of Korea
Date of launch	21 June 2022 at 1600 hours 0 seconds
Location of launch	Goheung-gun, Republic of Korea
Basic orbital parameters	
Nodal period	98.77 minutes
Inclination	98.2 degrees
Apogee	713 kilometres
Perigee	698.6 kilometres
General function of space object	Technology verification, Earth observation
Other information	-

RANDEV

Name of space object	RANDEV
Name of launching State	Republic of Korea
Date of launch	21 June 2022 UTC
Location of launch	Naro Space Center, Republic of Korea
Basic orbital parameters	
Nodal period	98.80 minutes
Inclination	98.02 degrees
Apogee	707.7 kilometres
Perigee	694.7 kilometres
General function of space object	Disaster observation of the Republic of Korea with a hyper-spectral camera
Other information	Sun-synchronous orbit