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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 4 May 2021 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 four space objects, CAS500-1, KMSL-01, CANYVAL-C Timon (1U) and CANYVAL-C Pumbaa (2U), launched by the Republic of Korea on 22 March 2021 (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 18 May 2021.



Annex

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

CAS500-1

Name of space object	CAS500-1
Name of launching State	Republic of Korea
Date of launch	22 March 2021 UTC
Location of launch	Baikonur Cosmodrome, Kazakhstan
Basic orbital parameters	
Nodal period	94.57 minutes
Inclination	97.4 degrees
Apogee	497.8 kilometres
Perigee	497.8 kilometres
General function of space object	Earth observation
Other information	Sun-synchronous orbit

KMSL-01

Name of space object	KMSL-01
Name of launching State	Republic of Korea
Date of launch	22 March 2021 UTC
Location of launch	Baikonur Cosmodrome, Kazakhstan
Basic orbital parameters	
Nodal period	95.68 minutes
Inclination	97.56 degrees
Apogee	561.8 kilometres
Perigee	531.9 kilometres
General function of space object	Space environment research
Other information	Performing two science missions: combustion experiments and biology experiments

CANYVAL-C Timon (1U)

Name of space object	CANYVAL-C Timon (1U)
Name of launching State	Republic of Korea
Date of launch	22 March 2021 UTC
Location of launch	Baikonur Cosmodrome, Kazakhstan
Basic orbital parameters	

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

Nodal period	95.68 minutes
Inclination	97.57 degrees
Apogee	569 kilometres
Perigee	548 kilometres
General function of space object	Space environment research
Other information	CANYVAL-C Timon (1U) and CANYVAL-C Pumbaa (2U) were contained in and deployed by a single CubeSat deployer

CANYVAL-C Pumbaa (2U)

Name of space object	CANYVAL-C Pumbaa (2U)
Name of launching State	Republic of Korea
Date of launch	22 March 2021 UTC
Location of launch	Baikonur Cosmodrome, Kazakhstan
Basic orbital parameters	
Nodal period	95.68 minutes
Inclination	97.57 degrees
Apogee	569 kilometres
Perigee	548 kilometres
General function of space object	Space environment research
Other information	CANYVAL-C Timon (1U) and CANYVAL-C Pumbaa (2U) were contained in and deployed by a single CubeSat deployer
