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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 17 March 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 six space objects, NEXTSat-1, SNUSAT-2, SNUGLITE, VisionCube, GEO-KOMPSAT-2A and K2SAT, launched by the Republic of Korea on 3 and 4 December 2018 (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 6 April 2021.



Annex

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

NEXTSat-1

| | |
|----------------------------------|--------------------------------------------------------------------|
| Name of space object | NEXTSat-1 |
| Name of launching State | Republic of Korea |
| Date of launch | 3 December 2018 UTC |
| Location of launch | Vandenberg Air Force Base, California, United States of America |
| Basic orbital parameters | |
| Nodal period | 96.30 minutes |
| Inclination | 97.76 degrees |
| Apogee | 583.83 kilometres |
| Perigee | 577.40 kilometres |
| General function of space object | Scientific mission and core space technology demonstration |
| Other information | 100 kg-class microsatellite |

SNUSAT-2

| | |
|----------------------------------|---------------------------------------------------------|
| Name of space object | SNUSAT-2 |
| Name of launching State | Republic of Korea |
| Date of launch | 3 December 2018 UTC |
| Location of launch | Vandenberg Air Force Base, California, United States |
| Basic orbital parameters | |
| Nodal period | 96.3 minutes |
| Inclination | 97.7 degrees |
| Apogee | 575 kilometres |
| Perigee | 577 kilometres |
| General function of space object | Education and scientific research |
| Other information | 3U CubeSat platform |

SNUGLITE

| | |
|-------------------------|---------------------------------------------------------|
| Name of space object | SNUGLITE |
| Name of launching State | Republic of Korea |
| Date of launch | 3 December 2018 UTC |
| Location of launch | Vandenberg Air Force Base, California, United States |

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

| | |
|----------------------------------|-----------------------------------|
| Basic orbital parameters | |
| Nodal period | 96.3 minutes |
| Inclination | 97.7 degrees |
| Apogee | 575 kilometres |
| Perigee | 575 kilometres |
| General function of space object | Education and scientific research |
| Other information | 2U CubeSat |

VisionCube

| | |
|----------------------------------|----------------------------------------------------------------------------|
| Name of space object | VisionCube |
| Name of launching State | Republic of Korea |
| Date of launch | 3 December 2018 at 1834 hours UTC |
| Location of launch | Vandenberg Air Force Base, California, United States |
| Basic orbital parameters | |
| Nodal period | 96.17 minutes |
| Inclination | 97.773 degrees |
| Apogee | 582.079 kilometres |
| Perigee | 559.969 kilometres |
| General function of space object | Scientific data acquisition, education and amateur radio communications |
| Other information | 2U CubeSat |

GEO-KOMPSAT-2A

| | |
|----------------------------------|-------------------------------------------------|
| Name of space object | GEO-KOMPSAT-2A |
| Name of launching State | Republic of Korea |
| Date of launch | 4 December 2018 UTC |
| Location of launch | Kourou, French Guiana |
| Basic orbital parameters | |
| Nodal period | 24 hours |
| Inclination | 0 degrees |
| Apogee | 35,786 kilometres |
| Perigee | 35,786 kilometres |
| General function of space object | Meteorological and space weather services |
| Other information | 128.2±0.1 degrees East (geostationary orbit) |

K2SAT

| | |
|----------------------------------|---------------------------------------------------------|
| Name of space object | K2SAT |
| Name of launching State | Republic of Korea |
| Date of launch | 3 December 2018 (UTC) |
| Location of launch | Vandenberg Air Force Base, California, United States |
| Basic orbital parameters | |
| Nodal period | - |
| Inclination | 97.75 degrees |
| Mean altitude | 584 kilometres |
| Local time of descending node | 1030 hours |
| General function of space object | Earth observation for educational purposes |
| Other information | Sun-synchronous orbit |
