

## **Agenda Item 8: Recent developments in global navigation satellite systems**

**Republic of Korea**

**UN COPUOS Scientific and Technical Subcommittee,  
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Thank you, Mr. Chair.

The Positioning, Navigation and Timing (PNT) information is steadily gaining significance as a crucial element in enhancing the overall quality of life for individuals.

Accordingly, the Republic of Korea is striving to develop a system that can provide precise PNT information and services. In 2022, the Republic of Korea has officially initiated the Korean Positioning System (KPS) development program. The plan involves launching the first satellite by 2027, and aims to complete the satellite constellation by 2035.

Furthermore, since 2014, the Republic of Korea has been developing KASS, the Korean Satellite-Based Augmentation System (SBAS). The first KASS geostationary satellite was successfully launched in June 2022, and it began providing the Safety of Life service from the end of 2023.

Recognizing the pivotal role that international cooperation and partnerships play in the development and operation of satellite navigation systems, the Republic of Korea has proactively participated in a wide range of international cooperation. In that regard, we became a member of the UN ICG in 2021 and has actively engaged in discussions, guided by the principles of openness, cooperation, and the sharing of resources, in order to make meaningful contributions to the ICG community.

In conclusion, as a nation actively advancing satellite navigation system and as a committed member of the ICG, the Republic of Korea will persistently strive to live up to international community's expectations, fostering compatibility, interoperability, and transparency among all the GNSS and SBAS. Additionally, we remain dedicated to expanding our role in promoting the practical application of satellite navigation system.

Thank you, Mr. Chair.

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