

Report on the 19th Meeting of the International Committee on Global Navigation Satellite Systems (ICG-19)

Busan, Republic of Korea, 19-24 October 2025

- All documents related to ICG-19 can be found on the following website:
<https://www.unoosa.org/oosa/en/ourwork/icg/meetings/ICG-2025.html>
- Presentation on “COSPAR’s Contribution to the Scientific Applications of GNSS” has been given in the first plenary session of ICG-19.
- Main topics discussed in the Working Groups:
 - Systems, signals and services,
 - Enhancement of GNSS performance, new services and capabilities,
 - Information, dissemination and capacity-building,
 - Reference frames, timing and applications,
 - Lunar positioning, navigation and timing.

- Nine new recommendations were issued:

Working Group S:

- GNSS monitoring is to consider use of national and/or global interference monitoring to timely inform users where interference may cause GNSS to be unavailable or errant,
- LEO PNT performance standards guidelines,
- Establishment of a task force on LEO PNT.

Working Group B:

- Holding a workshop on ionospheric monitoring and warning and international collaboration for GNSS.

Working Group D:

- Publication of a statement on the critical role of the global geodesy supply chain,
- Continuous GNSS time transfer across day boundaries using International GNSS Service (IGS) products,
- Monitoring the ongoing development of the proposed redefinition of UTC and GNSS/RNSS providers to anticipate the consequences of the increased tolerance between UT1 and UTC and to promote research on the impact of a possible negative leap second.

Working Group L:

- Coordinated development of lunar PNT systems,
- Conducting annual multilateral cislunar PNT workshops.

- The United Nations Global Geodetic Centre of Excellence (UN-GGCE) was recognized as new observer in ICG.
- The Secure World Foundation (SWF) application for observer status will be considered at the next ICG meeting.