

Item Agenda 10 : Recent developments in global navigation satellite systems

Thank you, Mr. Chair.

Indonesia acknowledges the importance of GNSS application. In this regard, LAPAN continues to conduct research and disseminate information related to GNSS and its application, among others:

1. Ionospheric tsunami power index to detect tsunami,
2. Regional TECs,
3. Ionospheric model to SBAS,

Related to SBAS application in Indonesia also has been communicated with Directorate Navigation of Aviation (DNP) as national regulator, following ICAO Annex 10.

Indonesia noted the discussion of the International Committee on Global Navigation Satellite Systems to provide civil services related to GNSS that benefit users worldwide.

Indonesia supports a compatibility and interoperability among global and regional space-based positioning, navigating, and timing systems and in the promotion of the use of global navigation satellite systems and their integration into national infrastructure, particularly in developing countries. Indonesia also supports a capacity building in the navigation satellite systems and its application under United Nations Programmes.

Thank you, Mr. Chair.

Item Agenda 11 : Space Weather

Thank you, Mr. Chair.

Indonesia believes that space weather is an important issue due to its great impacts on human life and technology. Indonesia keeps doing research on space weather with the current focus on the space weather application.

LAPAN is actively involved in the International Space Environment Services (ISES), by specifically conducting research and application of SWx in Indonesia, to support the operation of space weather (as mandated by ICAO Annex 3 Amendment 78).

LAPAN in 2021 already coordinated with the Directorate Navigation of Aviation to supply SWx information to the aviation entities, in partnership with the Meteorological, Climatological, and Geophysical Agency (BMKG). Indonesia is also actively involved in SWx Expert Meeting.

Regarding the draft final report of the Expert Group, Indonesia appreciates and supports the draft to be finalized this year.

Thank you, Mr. Chair.