United Nations/Mongolia Workshop on the Applications of GNSS ULAANBAATAR, MONGOLIA, 25-29 OCTBER 2021

Session 10 GNSS Applications: Reports from the ICG Working Group B, Application Subgroup (AppSG)

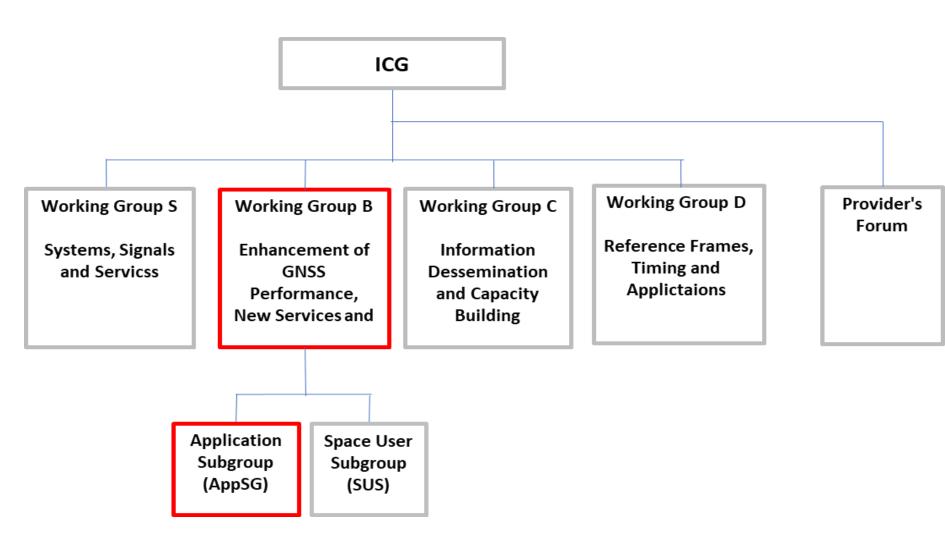
Introduction to the Application Subgroup Activities and Goals

Dr. Izumi MIKAMI, Japan Space Systems, Japan On behalf of the ICG WG-B AppSG

October 29, 2021



International Committee on Global Navigation Satellite Systems (ICG)



- Co-chaired by Dr. J. Shen (China) and Dr. I. Mikami (Japan), AppSG currently consists of members from China, EU, India, Japan, Russia and USA.
- AppSG intends to expand to include more ICG members, associate members and observers. Other associates could be invited at an ad hoc basis.

AppSG – Current Members

China Jun Shen (co-chair), UniStrong (AppSG co-chair): jun.shen@unistrong.com Xian Huang, UniStrong (AppSG secretary): xian.huang@unistrong.com Rui Li, Beihang University: lee_ruin@263.com Rui Sun - Nanjing University of Aeronautics and Astronautics -: rui.sun@nuaa.edu.cn Wenjun Zhao, Beijing Satellite Navigation Center: <u>luckyzhaowenjun@163.com</u> EU Fiammetta Diani, Fiammetta.Diani@gsa.europa.eu India Akhileshwar Reddy P, ISRO: akhileshwar@isro.gov.in Ghanshyyam J DOSHI: g_doshi@sac.isr.gov.in

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Russia

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USA

James Miller, NASA: jj.miller@nasa.gov

An AppSG Meeting Held in Munich, Germany



Participants from China, EU, Japan and Korea (invited)

The Initiative, Purpose and Goal

Initiative

GNSS Applications - for Present and Future

Purpose

Survey GNSS applications that identify challenges and facilitate the development of solutions that serve society, intending to provide assistance, lessons-learned and guidance to GNSS users.

Goal

Issue a research report on "GNSS Applications for Sustainable Development-Case Studies"

AppSG Meetings and Work Plan

- (1) AppSG meetings shall be held, face-to-face or virtually, on a regular basis. Some dates on international conferences and events can be utilized for the regular or additional meetings.
- (2) Each meeting shall be arranged by the current member state in rotation and this role will be shared to the other member states gradually.
- (3) AppSG members intend to participate in important GNSS conferences and events to promote GNSS application development and obtain information about trends in GNSS applications. AppSG also intends to support the UNOOSA GNSS Application Workshop.

AppSG - Near Term Plan

Co-chairs contact every POC to receive opinions about focus areas & assignment of mtg coordinator & others if needed.

by 2021-10-31

Co-chairs invite ICG family members to AppSG meeting #1

#2 regular meeting by China

Jan.(TBD) 2022

by mid. Nov. 2021

coordinated

#3-#N regular meeting coordinated by each member state

Within 2022

Intermediate report at ICG Intermediate meeting in Vienna

Jun 2022

by mid. Nov. 2021

#1 regular meeting to determine focus areas, schedule of regular & additional meetings of 2022, and coordinator state.

All AppSG members agree on agenda and date of meeting #1 to be arranged by Japan.

Dec. 2021