

ICG WG-B Meeting

Enhancement of GNSS Performance, New Services and Capabilities

Agenda

Date: December 04, December 05 and December 06, 2017

Venue: ICG-12 is held at KYOTO University Yoshida Campus

Co-chairs: D. Blonski (ESA), X. Zhan (China), N.M. Desai (ISRO)

Technical Session 04 December - 11:15 – 15:45

Technical Session on SSV	
Finalization of SSV Booklet	
SSV Video Update	F. Bauer, NASA, U.S.
Preparation of SSV Video	

Session 04 December – 16:15 – 18:15

Opening Remarks	
Introduction to WG-B Meeting	Co-Chairs
Approval of the agenda	All

Progress on recent ICG WG-B Recommendations	
Review of the implementation of recent WG-B Recommendations and identification of required additional actions	Co-Chairs

Space Weather/Remote Sensing and its relation to GNSS, Scientific Applications	
Ionospheric space weather studies using high-resolution GNSS total electron content observations	T. Tsugawa, National Institute of Information and Communications Technology (NICT), Japan

Beidou/GNSS based Space weather services in China	A. Ercha, China
GNSS for RO & Reflections	S. Lowe, NASA, U.S.
General Relativity Experiment with eccentric Galileo satellites	J.Ventura-Traveset, European Space Agency

Interoperable GNSS Space Service Volume

Briefing on the SSV Booklet/ SSV Video	
Update on NASA GNSS activities	J. Parker, NASA, U.S.
“High Altitude GNSS receiver development in Japan” (tentative title)	Y. Nakajima, Japan Aerospace Exploration Agency (JAXA), Japan

Session 05 December – 11:15 – 14:15

Novel user position integrity models and solutions

The experiment result on the DFMC SBAS via QZSS L5S signal	T. Sakai, National Institute of Maritime, Port and Aviation Technology, Japan
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Support to SAR

Galileo SAR update	D. Hayes, EU
BDS MEOSAR considerations	J. Li, China
MEO SAR Update	L. Mazzuca, NASA, U.S.

Enhancement of GNSS signals and performance and required system enhancements

GPS and QZSS Signal Authentication using QZSS Signals	D. Manandhar, Center for Spatial Information Science (CSIS), University of Tokyo, Japan
Precision Improvement in GNSS Time Synchronization by mitigating the effect of multipath signals from NLOS satellites,	S. Yoshida, NTT Network Technology Laboratories, NTT Corporation, Japan

GNSS Application Catalogues User Requirement and User Questionnaire Status and Near-term Plan.	App SG co-chairs, J. Shen, China & I. Mikami, Japan
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Session 06 December – 09:15 – 11:15

Review of Recent ICG WG-B Recommendations & discussion of additional WG-B Recommendations	
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Review of the implementation of recent WG-B Recommendations and identification of required additional actions	Co-Chairs
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Summary	
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Review of WG-B Presentation to Plenary	Co-Chairs
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