

ICG-15 WG-B Meetings

Enhancement of GNSS Performance, New Services and Capabilities

Agenda

Date: September 27-30, 2021

Venue: VIC, Vienna Conference Room CR-4 (Building C 7th Floor)

Co-chairs: Nilesh M. DESAI, INDIA, Xingqun ZHAN, China *and* Daniel BLONSKI, ESA

Date: 27 September, 2021, Monday, 09.30-12.30 hrs. CEST (UTC+2)		
Date: 29 September, 2021, Wednesday, 09.30-15.50 hrs. CEST (UTC+2)		
Date: 30 September, 2021, Thursday, 09.30-14.15 hrs. CEST (UTC+2)		
Day 1: Monday, 27th September 2021		Building C 7th Floor Room CR-4
Session 1: Opening Remarks of WG-B for ICG-15		09:30
➤ Introduction to WG-B Meeting	Co-Chairs	09:30
➤ Approval of the agenda	All	09:35
➤ Progress on ICG-14 WG-B Recommendations Review of the implementation of WG-B Recommendations and identification of required additional actions	Co-Chairs	09:50
Session 2: Presentations on Space User Activities		10:00
(1) Status update of SUSG activities	Co-Chairs of WG-B SUSG	10:00
(2) NASA Space User Update	J. Parker NASA	10:20
(3) 'ESA's activities related to the use of GNSS for Moon missions'	J. Ventura-Traveset, W. Enderle, ESA	10:40
Coffee Break		11:00
(4) Development of GNSS SSV receiver for Geosynchronous satellites	Pravin Patidar SAC/ISRO, India	11:05
(5) A Lunar GNSS receiver experiment: mission challenges and opportunity	O. Pozzobon, invited by Italy	11:15
(6) BDS Space Application and Future Visions	Xu Zhang, Xinuo Chang, Jinjun Zheng, CAST	11:35
Session 3: Presentations on SAR & Emergency Warning Services		11:55
(7) The Emergency Warning Service in Galileo – State of play	E. Guyader, European Comission	11:55
(8) SAR/BDS Service Status and Future Works 2021	Zehua He, CTTIC, China	12:15
(9) NASA MEO SAR and LunaSAR Update	Lisa Mazzuca, NASA	12:35
End of WG-B Day 1		12:45

Day 2: Wednesday 29th September 2021		Building C 7th Floor Room CR-4
Session 4: Presentation from Application Subgroup		09:30
(10) Status of the Applications Subgroup & Future Directions of the AppSG of WG-B.	Co-Chairs of WG-B AppSG	09:30
(11) Features and Applications of BDS Message Service System	Wenjun Zhao, Beijing Satellite Navigation Center	10:40
Coffee Break	11:00-11:20	
Session 5: GNSS Science		11:20
(12) Coherent combining of subframes in inter-operable L1 band GNSS signals	Sai Bhanumathy SAC/ISRO, India	11:20
(13) RTK with NavIC	Puneet Kumar Agrawal SAC/ISRO, India	11:40
(14) NavIC-based Time Tagging System for Quantum Applications	Rohan Urdhwareshe SAC/ISRO, India	12:00
(15) ESA GNSS Science Program	J. Ventura-Traveset ESA	12:20
Lunch Break	12:40-13:40	
(16) Synergetic NavCom Applications in India	Dr Chandra Prakash SAC/ISRO, India	13:40
(17) GNSS Reflectometry systems using NavIC	Ananya Ray SAC/ISRO, India	14:00
(18) NavIC for Soil Moisture Retrieval over Agricultural Croplands	Dharmendra Pandey SAC/ISRO, India	14:20
(19) Civilian and Scientific applications - using GAGAN/NavIC	Dr. Muralikrishnan NRSC/ISRO, India	14:40
Coffee break	15:00-15:20	
WG's Joint Session (Room CR-3) - Separate Agenda		15:20
End of WG-B Day 2		18:00

Day 3: Thursday 30th September 2021		Building C 7th Floor Room CR-4
(20) Space Weather Payloads onboard of BDS3 Satellites	Kai LIU, University of Science and Technology of China	10:00
Session 6: Consolidation of ICG-15 WG-B Recommendations & Presentation of WG-B to the Plenary	All	10:20
Coffee Break	11:00-11:20	
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Lunch Break	12:30 – 13:30	
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End of WG-B Day 3	14:15	