



9th ICG Workshop on GNSS Spectrum Protection and Interference Detection and Mitigation

AGENDA

Tuesday, 24 August, 2021 Times: UTC

Location: United Nations Vienna International Center and online

1200 Introductions

Opening Remarks (Chair)

ICAO Agenda Item 30: *Urgent Need to Address Harmful Interference to GNSS*

IMO Maritime Safety Committee, Agenda Item 22: *Interference with the United States' Global Positioning System (GPS) and other Global Navigation Satellite Systems (GNSS)*

U.S. Coast Guard Paper to IMO: *GNSS Interference from Shipboard LED Lighting*

1215 Briefings

Incorporating Resilience into IDM: *Mr. Ernest Wong, Technical Manager, Science and Technology Directorate U.S. Department of Homeland Security*

Implementation and Definition of Interference Protection Standards at Space Segment for the European Space Agency: *Mr. Francisco Amarillo Fernandez, European Space Agency*

Environment-aware GNSS Position Estimation Process Realisation in Software-Defined Radio (SDR): *Professor Dr. Renato Filjar, University of Rijeka, Croatia (et al Team)*

Air-Ground coordinated RFI detection system in airport: *Mr. ZHEN Weimin, China Research Institute of Radiowave Propagation*

1345 Break

1400 Interference Detection and Geo-Location Capabilities

Development of the European GNSS Interference Detection Network: *Mr. Joaquin REYES GONZALEZ, European Union Agency for Space Programmes (EUSPA)*

Characterization of ADS-B Performance under GNSS Interference: *Professor Dr. Todd Walter, Director, GNSS Laboratory, Aeronautics and Astronautics Department, Stanford University*

Madrid Airport and TMA GNSS RFI Monitoring System (DYLEMA-Madrid): *Mr. José Luis Madrid Cobos, Satellite Navigation Department, Spanish Ministry of Transport, Mobility and Urban Agenda (MITMA)*

Interference scenario in S-band: NavIC experience: *Dr. Pravin Patidar, Space Applications Centre, Indian Space Research Organisation*

1530 Adjourn