



International Committee on
Global Navigation Satellite Systems

10th ICG Workshop on GNSS Spectrum Protection and Interference Detection and Mitigation

AGENDA

Tuesday, 06 December, 2022 Times: Central European Time (CET)

Location: United Nations Vienna International Center, Vienna, Austria and online

1400 Introductions

Opening Remarks (Chair)

Initiatives in the UN hosted International Committee on GNSS (ICG)

Recommendation (adopted): Developing Resilience in critical infrastructure

Recommendation (pending): Public safety review of GNSS testing applications

Briefings

1410 Use of GPS by U.S. Coast Guard Navigation Center:

CAPTAIN Scott Calhoun, Commanding Officer U.S. Coast Guard Navigation Center

1430 Sharing and Crowdsourcing GNSS Data to Monitor and Protect the RF Environment:

Mr. Mathieu Joerger, Assistant Professor, Kevin T. Crofton Department of Aerospace and Ocean Engineering, Virginia Polytechnic Institute and State University (Virtual)

1450 DOT Strategic Plan for GPS/GNSS Interference Detection:

Mr. James Aviles, Analyst, PNT and Spectrum Management, U.S. Department of Transportation (Virtual)

1510 Critical Infrastructure Dependency on PNT:

Mr. Michael Roskind, Branch Chief, Strategic Defense Initiatives, U.S. Department of Homeland Security (Virtual)

1530 Break

Interference Detection and Geo-Location Capabilities

1550 Use of ADS-B for Interference Detection: *Mr. Hamdi NASSAR, EUROCONTROL*

1610 Characterization of ADS-B Performance Under GNSS Interference:

Professor Dr. Todd Walter, Director, GNSS Laboratory, Aeronautics and Astronautics Department, Stanford University

1630 Detecting GNSS Spoofing of ADS-B Equipped Aircraft Using INS:

Professor Boris Pervan, Mechanical and Aerospace Engineering, Illinois Institute of Technology (Virtual)

1700 Adjourn