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