



# Recap

- ❑ Initial Workshop-I held on September 18, 2014 at the Volpe Center
  - Overview of DOT GPS Adjacent Band Compatibility Assessment Plan and plans/timeline for implementation
  - Presentation on GPS use cases and list of representative GPS receivers
  - Description of GPS receiver and antenna needed information from manufacturers
- ❑ One-on-One telecons with manufacturers
- ❑ Workshop-II held on December 4, 2014 at Aerospace Corporation
  - Feedback on the programs implementation plan
  - GPS receiver Use Case information shared
  - Applicable testing and associated challenges
- ❑ Drafting requirements for a test plan

# Two Primary Focuses Next

- ❑ GPS Receiver Test Plan
- ❑ GPS Receiver Testing
  - Identify which receiver to be tested

# GPS Receiver Test Plan

- ❑ Identify GPS receiver test plan requirements
  - Determine the type of testing needed (e.g. wired vs. radiated ). This will indicate the type of facility and equipment needed to do testing
- ❑ Development of a draft GPS receiver test plan
- ❑ Under a separate Federal Register Notice (FRN), test plan will be made available for public comment
- ❑ Comments will be adjudicated by the DOT Team
- ❑ Workshop-IV: Final version of the test plan provided

# GPS Receiver Testing

- ❑ Need to identify GPS receivers to be tested
  - Based on GPS receiver criteria (defined in the next brief), develop a list of GPS receivers to test
  - Determine how to obtain identified GPS receivers for testing
- ❑ For openness and transparency we are proposing a government sponsored test, similar to what was done previously (NPEF/"white sands") where manufacturers can bring their equipment to test
- ❑ This may require both wired and radiated tests (part of today's discussion)

# Schedule

- ❑ Test Plan Requirements: Completed March 31, 2015
- ❑ Test Plan Development: Completed April 30, 2015
- ❑ FRN for public comment: May 4 – May 22, 2015
- ❑ Finalize list of GPS receivers to be tested: Completed May 29, 2015
- ❑ Workshop –IV : Early-Mid June 2015 Washington, DC
- ❑ Would like to begin testing as soon as Test Plan is completed

# Tentative Topics for Workshop-IV

- ❑ Final Test Plan
- ❑ Down-selected list of receivers for testing
- ❑ Testing Schedule
- ❑ Propagation Modeling Discussion

# Questions?