



# SPACE-BASED POSITIONING NAVIGATION & TIMING

NATIONAL EXECUTIVE COMMITTEE

## Space-Based PNT Executive Committee Emerging Policy Issues

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Space-Based Positioning, Navigation and Timing



# Recent Space-Based PNT Executive Committee Agenda Items



- **LightSquared Recommendation to NTIA**
- **International Strategy**
- **Galileo's Publicly Regulated Service**
- **OCX**
- **Interference Detection/Mitigation and Reporting**
- **Development of Spectrum Interference Standards**
- **Advisory Board Outbrief**
- **U.K. Patent Issue**
- **Civil Funding of GPS**



# EXCOM Commitment on Spectrum



- EXCOM Memo to NTIA (January 13, 2012)

“We propose to draft new GPS **Spectrum interference standards** that will help inform future proposals for non-space, commercial uses in the bands adjacent to the GPS signals and ensure that any such proposals are implemented **without affecting** existing and evolving uses of space-based **PNT services** vital to economic, public safety, scientific, and national security needs.”



# EXCOM Commitment on Spectrum (continued)



- **EXCOM created a Technical Task Force**
  - **Established March 29, 2012**
  - **Led by NTIA with diverse federal agency representation**
  - **Results reported back through EXCOM processes**
  - **Study plan includes industry involvement at key stages**
  - **Advisory Board offered to support the Technical Task Force lead as needed by the TTF lead**
    - **TTF lead has not yet identified any support requirements**



# Proposed Draft Tasking

## “Advise on Conduct of GPS Economic Benefits”



### **Support the EXCOM’s proposed economic benefit study by conducting a survey of the existing literature and past economic studies:**

- How complete and credible are existing studies of the economic impact of GPS? How old are they?
- How should this new economic study be conducted and evaluated for objectivity and completeness? Should peer review be included, and if so by whom?
- Interagency PNT members will provide information for study and receive final report. Study execution should be conducted independently