



SPACE-BASED POSITIONING  
NAVIGATION & TIMING  
NATIONAL COORDINATION OFFICE

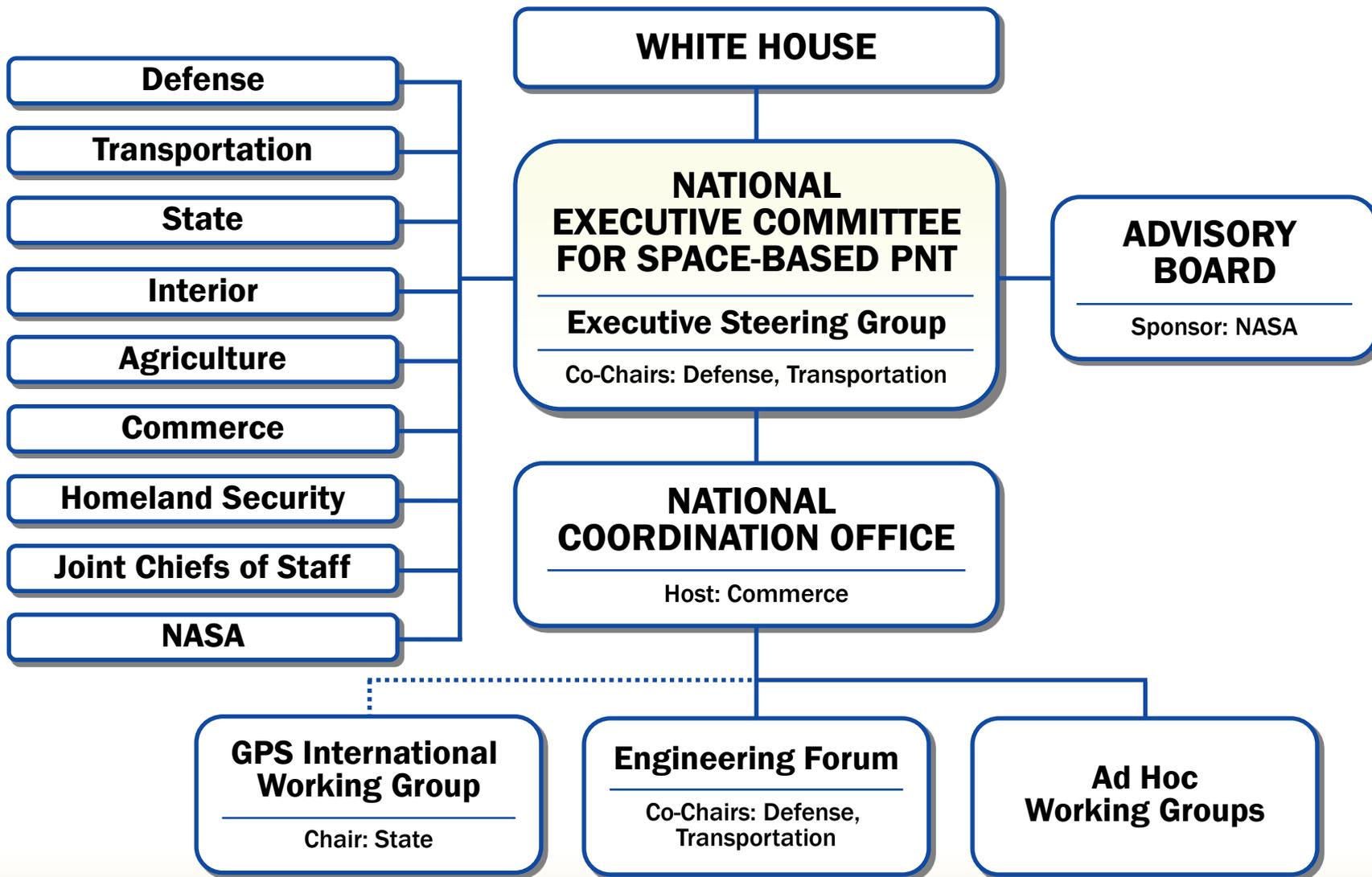
# Policy Update (NSPD-39)

**Robert Crane**  
**National Coordination Office**  
**Karen VanDyke**  
**Department of Transportation**

**June 6, 2014**



# U.S. Space-Based PNT Organization Structure





# EXCOM Update



- **New EXCOM co-chairs**
  - Robert Work, Deputy Secretary of Defense
  - Victor Mendez, Acting Deputy Secretary of Transportation
- **EXCOM meeting held March 14, 2014**
  - Reviewed Advisory Board task results
  - Received briefing on CNAV implementation plan
  - Received updates on spectrum/interference topics



# Economic Assessment Follow On Activities



- **DOC can draw upon experience in evaluating economic benefits of “digital economy”**
- **Working to identify and acquire appropriate advisory services for next phase of economic assessment**
- **Next steps:**
  - **Prepare statement of work**
  - **Form interagency team with NCO facilitation to provide inputs to study**



# NCO Update



- **DOT to appoint new NCO Director**
- **Deputy Director inbound from DOD/AF by late summer 2014**
- **Recent activities include:**
  - **Interagency coordination of CNAV implementation plan**
  - **Continued monitoring of critical infrastructure resilience efforts**
  - **Evaluation of international cooperation issues**
  - **GPS outreach and education**



# National Defense Authorization Act for Fiscal Year 2014



- Signed into law on December 26, 2013
- **§ 1602(b) - Limitation on Construction on United States Territory of Satellite Positioning Ground Monitoring Stations of Foreign Governments**
  - Applies to construction of a GNSS ground monitoring station controlled by a foreign government in U.S. territory
  - Requires SecDef and DNI to certify to Congress that station cannot be used to gather intelligence or improve any foreign weapon system
  - SecDef and DNI may waive certification but must report waiver to Congress

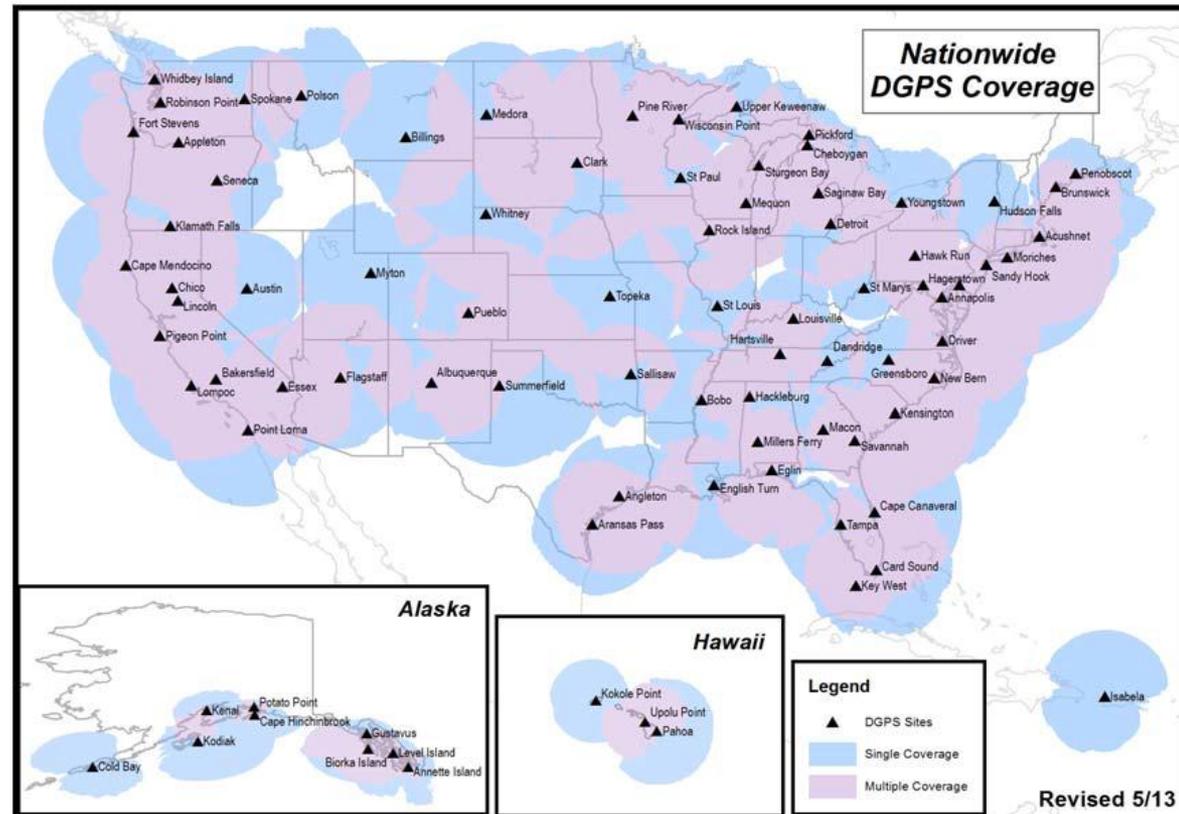
[www.gps.gov/policy/legislation/uscode](http://www.gps.gov/policy/legislation/uscode)



# Nationwide Differential GPS (NDGPS)

## Sponsors: U.S. Coast Guard & U.S. Department of Transportation

- 80+ sites
- Broadcasts GPS correction signals
- Improved accuracy and integrity





# Assessment of future of NDGPS

- **Joint U.S. Coast Guard & U.S. Department of Transportation Federal Register Notice 16 April 2013**
  - Assessment driven by many factors: from policy to technology
  - Asked how NDGPS is used, impact/alternatives if discontinued
  - Comments received are being reviewed
- **Next Steps: Identify and assess alternatives**
  - Continuation/partial decommission/transfer/hybrid
- **Decision timeline: No earlier than summer 2014**
  - Supports investment decisions in 2016
- **Continue uninterrupted NDGPS service to users as currently provided until future decision reached**
- **Public/user community information/ involvement in decision processes and next steps**



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## Get Help with Wrong Directions, Missing Locations, etc., on GPS Devices

Do GPS devices show your home or business in the wrong place? Do they send trucks through your neighborhood? Don't blame the GPS satellites... tell the device/map makers!

GET HELP →

### Feature Stories

- Newest GPS Satellite Launched May 16
- NOTICE: Known Problem With Certain GPS Devices
- Attention Truckers: Do Not Use Consumer GPS Devices

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### Video Message

GPS Modernization Video

### Common Questions

- How do I stop GPS devices from giving wrong directions?
- What can I do about trucks being routed through my neighborhood?

### New Additions to GPS.gov

- May 27: U.S.-China cooperation statement
- May 22: CGSIC regional meeting agenda
- May 20: Presentations from CSNC 2014
- May 20: Website satisfaction survey
- Apr 28: 54th CGSIC meeting agenda

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WEDNESDAY, DECEMBER 4, 2013

- 9:00 - **BOARD CONVENES**
- 9:05 - *Call to Order*  
Mr. James J. Miller, PNT Advisory Board Executive Director, NASA Headquarters
- 9:05 - Introductions, Announcements, & Primary Agenda Items  
*Welcome of New Members & GPS Economic Assessment*  
Hon. James Schlesinger, Chair  
Dr. Bradford Parkinson, Vice-Chair
- 9:30 - Update from National Coordination Office for Space-Based PNT  
*Emerging Issues from the National Space-Based PNT EXCOM*  
[VIEW PDF \(750 KB\) →](#)
- 9:50 - Col. Harold "Stormy" Martin, Deputy Director, Space-Based PNT National Coordination Office
- 9:50 - GPS Signal (Civil Navigation) CNAV