



SPACE-BASED POSITIONING  
NAVIGATION & TIMING  
NATIONAL COORDINATION OFFICE

# ***U.S. Space-Based Positioning, Navigation and Timing (PNT) Policy Update***

**National Space-Based Positioning, Navigation, and Timing  
Advisory Board  
National Harbor, Maryland**

**Harold W. Martin III  
Director  
National Coordination Office**



# GPS Enables a Diverse Array of Applications



**Surveying and Mapping**



**Power Grids**

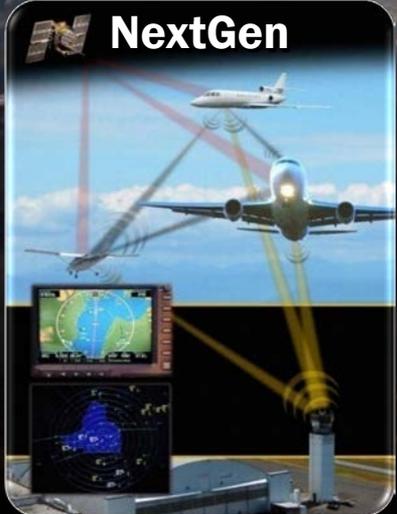


**Precision Agriculture**

**Space Applications**



**Transit Operations**



**NextGen**



**Disease Control Mapping**



**Intelligent Vehicles**



**TeleComm**



**Trucking**



**Personal Navigation**



**Shipping**



**Oil Exploration**



**Fishing and Boating**



## U.S. Policy

### ***The U.S. must maintain its leadership in the service, provision and use of Global Navigation Satellite Systems (GNSS)***

- Continuous, worldwide, free of direct user fees
- Encourage compatibility and interoperability with foreign GNSS services and promote transparency in civil service provisioning
- Operate and maintain constellation to satisfy civil and national security needs
  - Foreign PNT services may be used to augment and strengthen the resiliency of GPS
- Invest in domestic capabilities and support international activities to detect, mitigate and increase resiliency to harmful interference



# EXCOM Strategic Focus Areas



- **GPS Sustainment and Modernization**
- **International Cooperation**
- **Spectrum Management**
- **Critical Infrastructure**
- **PNT Resilience**
- **Outreach**



# Thank You!



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**Contact Information: National Coordination Office for Space-Based PNT**  
**1401 Constitution Ave, NW – Room 2518**  
**Washington, DC 20230**  
**Phone: (202) 482-5809**  
**www.gps.gov**

***GPS: Continuous improvement,  
predictable, dependable performance***