



SPACE-BASED POSITIONING
NAVIGATION & TIMING
NATIONAL COORDINATION OFFICE

GPS Status and Trends

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Status: GPS Continuous Improvement

- Robust, reliable operational GPS constellation
- 2014 averaged 70 cm user range error, best ever
- 4 successful launches last year, most since 1993
- Modernized civil messages on the air via L2C & L5, pre-operational, employ at user's own risk
- Continuous, worldwide, free of direct user fees
- Work with other GNSS service providers to ensure compatibility, interoperability, and transparency

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



Trends: Complementary PNT

- **EXCOM looked at need for complement to GPS**
 - Assessment driven by many factors: from policy to technology
 - U.S. coverage for GPS outage from natural or man-made events
- **Current Activity: Identify and assess alternatives**
 - Assessed a broad mix of terrestrial RF and autonomous PNT technologies
- **Decision timeline: No earlier than summer 2015**
 - Supports FY17 investment decisions
- ***Federal Register* Notice in development for public stakeholder engagement**