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#### **Overall Classification: Unclassified**

### Agenda

- PNT Executive Order "Responsible Use of PNT"
- DHS PNT Strategy Mitigating Risk

Federal Register Vol. 85, No. 32	Presidential Documents
Tuesday, February 18, 2020	
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Title 3—	Executive Order 13905 of February 12, 2020



### **Key Actions EO 13905**

- DHS, DOT and DOD Conduct Pilot Programs
- Pilot Programs inform application specific profiles
- NIST Develop PNT Profiles
- Department report on adoption of PNT Profiles
- Encourage Private Sector Engagement through Contracting Language



## DHS Risk Management & Program Strategy

Holistic view with a layered approach

Mitigation via Diversity

- Alternate PNT Services
- Relative vs absolute

Mitigations
- Complementary PNT

- Alternate PNT Services
- Relative vs absolute

- Mitigations
- Conformance Framework
- Specialized antennas
- Alerts & monitoring

**Mitigation via Awareness** 

Mitigation via Vulnerability & Impact
Assessment

#### **Engage & Educate**

- Best Practices
- Need for resilient PNT equipment
- End-User's down-stream impacts

#### **Vulnerability Assessment**

- System Impacts assessment
- Receiver characterization



# **Questions**

