



## 28<sup>th</sup> Meeting Agenda – Day 1

Crowne Plaza Annapolis, Arundel Ballroom  
173 Jennifer Road, Annapolis, MD 21401

(Presentations Available at: <https://www.gps.gov/governance/advisory/>)  
(Day 1 Livestream: <https://youtube.com/live/pag3HtApkms?feature=share>)

**Wednesday, May 3, 2023**

<b>9:00-9:05</b> <b>(5 min)</b>	<b>BOARD CONVENES</b> <i>Call to Order, Logistics, &amp; Announcements</i>	Mr. James J. Miller, <i>Executive Director, National Space-Based PNT Advisory Board, NASA HQ</i>
9:05-9:30 (25 min)	Welcome & Introductions – Meeting Goals & Objectives (10 min)  PNT Board NASA Sponsor Opening Remarks (15 min)	Dr. Brad Parkinson, <i>1<sup>st</sup> Vice Chair, PNTAB</i> , and Gov. Jim Geringer, <i>2<sup>nd</sup> Vice Chair, PNTAB</i>  Mr. Badri Younes, <i>Deputy Associate Administrator for Space Communications and Navigation, NASA HQ</i>
9:30-10:00 (30 min)	Celebrating 50 Years of GPS Serving Humanity	Dr. Brad Parkinson, <i>1<sup>st</sup> Vice Chair, PNTAB</i>
<b>Theme 1: PNT Policy</b>		
10:00-10:15 (15 min)	PNT EXCOM Policy Update	Mr. Harold (Stormy) Martin III, <i>Director, National Coordination Office for Space-Based PNT</i>
10:15-10:45 (30 min)	Greetings from PNT Executive Steering Group Chairs: Thoughts on PNT Governance – DoD Perspective (15 min) – DOT Perspective (15 min)	Mr. Fred Moorefield, <i>Deputy Chief Information Officer, DoD</i>  Dr. Robert Hampshire, <i>Deputy Assistant Secretary for Research and Technology, DOT</i>
<b>10:45-11:00</b> <b>(15 min)</b>	<b>BREAK</b>	
11:00-12:30 (90 min)	<u>Subcommittee Updates: Topics &amp; Priorities</u> (15 min each) – Communications & External Relations (CER) – Education & Science Innovation (ESI) – Emerging Capabilities, Applications, & Sectors (ECAS) – International Engagement (IE) – Protect, Toughen, & Augment (PTA) – Strategy, Policy, & Governance (SPG)	Subcommittee Chairs  – Mr. Dana Goward – Dr. Jade Morton / Prof. Terry Moore – Dr. Frank van Diggelen – Mr. Matt Higgins – Dr. John Betz – Mr. Jeff Shane
<b>12:30-1:30</b> <b>(1 hr)</b>	<b>LUNCH (<i>Queen Anne Ballroom</i>)</b>	
<b>Theme 2: Emerging GNSS Capabilities &amp; Alternative PNT – Synergies with GPS?</b>		
1:30-2:00 (30 min)	Galileo HAS and Open Service Navigation Authentication (OSNMA) – <i>virtual briefer</i>	Ms. Fiammetta Diani, <i>Head, Market Development, European Agency for Space Programme (EUSPA), Prague, Czechia</i>
2:00-2:30 (30 min)	China’s Strategic Approach to the Leveraging of its BeiDou System – <i>virtual briefer</i>	Dr. Sarah Sewall, <i>Executive Vice President, Strategic Issues, InQTel</i>
2:30-3:00 (30 min)	PNT as a Service (PNTaaS) Solution Benefits	Dr. Alison Brown, <i>President &amp; CEO, NAVSYS Corporation</i>
<b>3:00-3:15</b> <b>(15 min)</b>	<b>BREAK</b>	
<b>Theme 3: Protect, Toughen, and Augment – Ensuring Access to GNSS Services</b>		
3:15-3:45 (30 min)	2023 Space Threat Assessment: Trends in Development, Testing, and Use of Counterspace Weapons	Ms. Makena Young, <i>Associate Fellow with the Aerospace Security Project, Center for Strategic and International Studies (CSIS)</i>
3:45-4:15 (30 min)	Toughening via Reducing Export Restrictions on GNSS Adaptive Antennas	Mr. Tim Murphy, <i>Member, PNTAB</i>
4:15-4:45 (30 min)	DOT System-of-Systems Interference, Detection, and Mitigation	Mr. James S. Aviles, <i>DOT OST-R Office of the Assistant Secretary for Research and Technology</i>
4:45-5:15 (30 min)	Nationwide Integration of Time Resiliency for Operations (NITRO)	Dr. Laura Callahan, <i>Special Advisor to Vice Chief, National Guard Bureau</i>
5:15-5:45 (30 min)	DHS Update: Progress in Toughening & Augmenting PNT in Critical Infrastructure	Mr. Michael Roskind, <i>Strategic Defense Initiatives Section Chief, Cybersecurity and Infrastructure Security Agency (CISA)</i>
5:45-6:00 (15 min)	Key Highlights & Closing Thoughts: – Deliberation Preparation for May 4	All members, led by Dr. Parkinson
<b>6:00</b>	<b>ADJOURNMENT</b>	



## 28<sup>th</sup> Meeting Agenda – Day 2

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**Thursday, May 4, 2023**

<b>9:00-9:05</b> (5 min)	<b>BOARD CONVENES</b> <i>Call to Order</i>	Mr. James J. Miller, <i>Executive Director, National Space-Based PNT Advisory Board, NASA HQ</i>
9:05-9:15 (10 mins)	PNTAB Leadership Observations from Day 1 & Member Feedback	Dr. Bradford Parkinson, <i>1<sup>st</sup> Vice Chair, PNTAB</i> , and Gov. Jim Geringer, <i>2<sup>nd</sup> Vice Chair, PNTAB</i>
<b>Theme 4: Updates from International Members &amp; Representatives</b>		
9:15-10:45 (90 min)	Countries/Associations – Croatia – Australia – United Kingdom – Resilient Navigation and Timing (RNT) Foundation – Consumer Technology Association (CTA) – International Air Transport Association (IATA)	Representatives (15 min each) – Dr. Renato Filjar – Mr. Matt Higgins – Prof. Terry Moore – Mr. Dana Goward – Mr. David J. Grossman – Mr. Jeff Shane
<b>10:45-10:55</b> (10 min)	<b>BREAK</b>	
10:55-11:55 (1 hr)	Roundtable Discussion	Subcommittee Chairs to Present Findings and/or Proposed Recommendations
11:55-12:00 (5 min)	Wrap-Up – Determine date & venue for next meeting	Dr. Bradford Parkinson, <i>1<sup>st</sup> Vice Chair, PNTAB</i> , and Gov. Jim Geringer, <i>2<sup>nd</sup> Vice Chair, PNTAB</i>
<b>12:00-1:00</b> (1 hr)	<b>LUNCH – Working as needed (<i>Queen Anne Ballroom</i>)</b>	
<b>1:00</b>	<b>ADJOURNMENT</b>	