

National PNT Advisory Board – 28th Meeting, May. 2023

Finding and/or Recommendation

- **Title of Recommendation:** PNT Skills, Education and Training Study
- **Finding:**
 - There is a need to further develop the evidence base regarding the deficit of suitable trained and educated professionals within the PNT community
 - There is a need to coordinate information gathering and discussion with industry bodies such as the GPS Innovation Alliance.
 - There is a need to coordinate universities with PNT activities to allow them to speak with one voice
- **Recommendation:**
 - We propose that the PNT AB conduct a comprehensive study into the current situation, and future needs, for PNT research, education and training in the USA. Furthermore, to hold discussions and coordinate activities with industry and academic representative bodies
- **Rationale for Recommendation:**
 - To provide a more established, and coordinated, evidence base to support requests for increased funding to address the PNT skills, education and training crisis.
- **Consequences of No Action on the Recommendation:**
 - The US PNT skills gap will continue to grow to potentially critical levels



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Finding and/or Recommendation

- **Title of Recommendation:** Science Innovation QT and AI Reviews
- **Finding:**
 - There is a need to provide the PNT AB with informed insights into the developments in key new technologies and the expected impact on PNT technologies and services
- **Recommendation:**
 - We propose that the PNT AB conduct two reviews into the current and future developments related to Quantum Technology and PNT and into Artificial Intelligence and PNT, and report back to future PNT Board meetings.
- **Rationale for Recommendation:**
 - To inform the PNT AB and so enable it to make recommendations related to the incorporation of future technologies.
- **Consequences of No Action on the Recommendation:**
 - The PNT AB would not be able to respond to developing technical challenges.

