



International Engagement Subcommittee Report

Redondo Beach
December 2024

International Engagement Subcommittee

- Members:
 - Matt Higgins, Chair
 - Renato Filjar, Vice-Chair
 - Terry Moore, Vice Chair
 - Jade Morton
 - Russ Shields
 - Todd Walter
 - Also USG Reps involved.
- *Non-US citizens input on issues from international perspective.*
- *Balanced by input from US members on what the US needs from international engagement.*
- Role/ Study Areas:
 - Interfacing with international community (ICG, etc.)
 - Pursue GNSS compatibility & interoperability
 - GNSS service & performance gaps vs. synergies
 - Collaboration vs. competition

Assessment of Other GNSS Compared to GPS

- This issue is seen as an objective way to inform an answer to the question: *Is GPS Still the Gold Standard?*
- Discussion on System Comparison led by Brad Parkinson at our previous Board Meeting.
- This led to the topic being one of the “Focus Themes” for this meeting.
- Theme 2 this afternoon has presentations from QZSS, KPS and GPS.
- For those presentations the Board has supplied a list of topics we would like addressed...

Topics Requested from GNSS System Providers

- Technical Characteristics
 - Description of current capabilities and services, open and restricted/authorized/military
 - Publicly available information on capabilities and services under development (planned/ to be initially operational by 2030 3035 2040)
 - For both current and planned, which capabilities and services are seen as most critical?
- Program History
 - Public program schedule over past ten years or more showing development of current and imminent capabilities and services.
 - Publicly available costs for program contracts on satellites, upgraded ground segment, etc
- Program Organization
 - Organizational structure for planning, acquisition, operation
 - Contracting models
- Operating Models
 - Engagement with civil users, receiver manufacturers, and other nations
 - Legal requirements for adoption and use of the system, if any
 - Potential areas for synergy/cooperation with the US Global Positioning System

Assessment of Other GNSS Compared to GPS

- We would like to also have presentations from at least Galileo and BeiDou at our next meeting.
- In the absence of those, IE Subcommittee has compiled slides from published info to at least be able to discuss Galileo at this meeting.
- From this meeting, IE Subcommittee will draft a next level of detail report on the comparison between the Systems and propose possible Board recommendations.