

# Working group 1 – Protect

October 31, 2015

PNT Advisory Board Meeting  
Boulder, CO

Ron Hatch, Ann Ciganer

# WG 1 Views

- WG1 **supports** no change (NOC) in the the ITU Radio Regulations for current RNSS allocations.
- WG1 **opposes** regulatory authorizations of commercial pseudolite (PL) operations in RNSS bands, particularly 1559-1610 MHz. Doing so would allow:
  - Legalized jamming and spoofing of GNSS users
  - Exclusion zones where GNSS applications will not work
- Worldwide investigations (by academia, industry, public sector) of in-band PL operations over 30 years resulted in PL commercialization **outside of the RNSS bands**.

# WG1 Views (cont.)

- ICG members, as GNSS providers and national operators, are trusted to ensure:
  - GNSS signal availability
  - Protection of GNSS users from regulatory authorization of jammers and spoofers
    - (e.g., commercial in-band pseudolites)
- We strongly encourage the ICG to issue a public recommendation to **harmonize national regulations worldwide** to allow commercial PL operations outside of RNSS bands on a frequency neutral basis.
  - Transmit this recommendation to regional telecom conferences and telecom administrations (including CITELE, CEPT, APT, etc.)