

PNT GAP: OPERATIONS IN PHYSICALLY IMPEDED ENVIRONMENTS



Description: Physically impeded environments reduce users ability to obtain accurate and reliable GPS service

Importance: PNT use is increasing in ever-growing urban areas with many more indoor applications. GPS frequency radio signal is sometimes unavailable in these environments.

Problem Areas: Indoors, underground, underwater, areas under dense foliage as well as urban canyons

Affected Applications: Cell Phones, PDAs, personal navigation, and surface transportation applications