

Recommendation

Prepared by: Working Group S

Date of Submission: 23 October 2025

Issue Title: LEO PNT Performance Standards Guidelines

Background/Brief Description of the Issue:

In 2021-2022, the WG-S Performance Standards “Dream Team” expanded and updated their Performance Guidelines document to Version 2.0, and submitted this version to WG-S for consideration. Upon approval from WG-S, this document was posted to the ICG portal, and its availability was announced during the WG-S update sessions at ICG-16 in Abu Dhabi.

Concurrently with this announcement, the co-chairs of the Team acknowledged recent activities and developments by numerous entities intending to provide PNT services from LEO. The Team encouraged these emerging providers to engage with the latest version of the Guidelines; to provide feedback on them; and to use them as a reference during the development of these emerging systems.

The team also recognized that these emerging systems were generally in early stages of development and technical readiness, and acknowledged that further technical and organizational progress could be required before the preparation of a formal Performance Standard could be meaningfully undertaken.

Discussion/Analyses:

As evidenced in the three LEO PNT Workshops held to date, many providers have made significant technical progress in the design of their systems. It is considered that this progress may be sufficient in some cases to allow meaningful development of a draft Performance Standard to begin.

Recommendation of Committee Action:

ICG Members should consider sharing the Performance Standards Guidelines Document with LEO PNT Providers and encourage further discussion on this topic in future workshops.

Members Consensus Reached _____; **No Consensus Reached** _____

Chairperson Signature: _____ **Date:** _____