

## Recommendation 3 for Committee Decision

**Prepared by:** Working Group S (WG-S)

**Date of Submission:** 10 October 2024

**Issue Title:** Update to Working Group S Work Plan

### **Background/Brief Description of the Issue:**

Working Group S last updated its work plan in 2015 at the 10<sup>th</sup> Annual Meeting of the International Committee on Global Navigation Satellite Systems (ICG-10). Since that time, several new topics have been routinely incorporated into the discussions of the working group. A new Task Force on Precise Point Positioning (PPP) has also been established and this topic is not currently referenced in the work plan.

### **Discussion/Analyses:**

Updates to the work plan will include adding four new topics. These topics fit within the scope of the working group and have already been discussed on a regular basis. The updated Work Plan will reflect the work that is already taking place within the Working Group.

### **Recommendation of Committee Action:**

*The Working Group on Systems, Signals and Services (Working Group S) recommends that the International Committee on Global Navigation Satellite Systems (ICG) endorse an update to its work plan.*

*The detailed work plan will include the following new areas of work:*

- PPP Interoperability*
- Civil Signal Authentication*
- Low Earth Orbit Positioning, Navigation, and Timing (LEO PNT) Compatibility and Interoperability*
- Lunar Positioning, Navigation, And Timing (PNT) compatibility (with Global Navigation Satellite Systems (GNSS)/Regional Navigation Satellite Systems (RNSS))*

*The revised text for the work plan will be as follows:*

*Under Compatibility and Spectrum Protection:*

- Facilitate review of compatibility amongst systems operating near or designed for use by users on the moon and GNSS or their augmentations, [in coordination with Working Group L (WG-L)]*

- *Continue to engage with LEO PNT providers in order to maintain the standards for compatibility and spectrum protection that exist among GNSS and augmentations*

*Under Interoperability and Service Standards:*

- *Facilitate coordination on interoperability of precise point positioning service from its providers, in coordination with Working Groups B and D*
- *Support inclusion of emerging LEO PNT providers into existing frameworks to promote continued progress towards an interoperable system of systems*

*Under System of System Operations:*

- *The Working Group will organize workshops and other efforts related to LEO PNT, focused on promoting the development of standards for performance specifications and interoperability, and the interaction between emerging LEO PNT providers and the subgroups*
- *In an effort to maintain transparency, the Working Group will encourage discussion on civil signal authentication services by GNSS providers*

**Members Consensus Reached** \_\_\_\_\_ ; **No Consensus Reached** \_\_\_\_\_

**Chairperson Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_