Input paper: [[1]](#footnote-1) ENAV21-13.8

Input paper for the following Committee(s): check as appropriate Purpose of paper:

**□** ARM **□** ENG **□** PAP  **x** Input

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Technical Domain / Task Number 2 …………………………………

Working Group WG2, WG5 and ENAV Chair

Author(s) / Submitter(s) Manuel Lopez (GSA)

Pilot project for the transmission of SBAS corrections via IALA beacons and AIS for Maritime and Inland waterways domain

# Summary

This paper presents a new pilot project funded by the European GNSS Agency with the objective to demonstrate the operational performance of the transmission of SBAS corrections via IALA beacons and Inland waterways domain, while providing a detailed cost benefit analysis of the solutions proposed. This hybrid service complements the current GNSS Augmentation services exploiting synergies and benefiting from the current infrastructure and standards, which facilitates the adoption by maritime and inland waterways authorities.

## Purpose of the document

To present a new test bed for its inclusion in the global repository and to invite committee to participate.

## Related documents

* ENAV16-11.9 - Call for interest EGNOS over AIS/VDES.
* ENAV16-13.14 - Call for interest EGNOS corrections over IALA beacons.

Presentation will be provided as a separate document.

# Background

Following the preparation of the IALA Guidelines for the use of SBAS, which are expected to be finalised this year, and following the recommendations from the European Maritime Radionavigation Forum (EMRF), the European GNSS Agency decided to launch a pilot project to support the adoption of the solutions described in the IALA guidelines by the different maritime and inland waterways authorities.

# Discussion

The project considers the creation of an advisory board and different working groups which will be in charge of the implementation of the activities. Maritime and Inland waterways authorities and providers are invited to collaborate in the project.

# ACTION

The Committee is invited to consider this pilot project as an IALA testbed and to participate in the advisory board or/and the working groups.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Input papers should be assigned to a work task as listed in the Committee work plan which is available in input papers. Leave open if uncertain but consider how the paper is to be processed if not relevant to a work task [↑](#footnote-ref-2)