Input paper: [[1]](#footnote-1) ENAV21-7.5

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

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

**X** ENAV **□** VTS **□** Information

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

Working Group WG5 and ENAV Chair

Author(s) / Submitter(s) N Ward & A Grant

Proposal for IALA Guidance on GNSS Augmentation Services

# Summary

This discussion paper proposes IALA guidance on GNSS Augmentation Service Information.

## Purpose of the document

The Committee is invited to consider this proposal.

## Related documents

IMO MSC 98-20-3.

# Background

IMO MSC 98 in June 2017 considered an input (MSC 98-20-3) from the European Union, co-sponsored by Member States, proposing recognition of the European Geo-stationary Navigation Overlay Service (EGNOS) as a component of the World Wide Radio Navigation System (WWRNS). Following interventions from the US, Panama and China, to the effect that recognition of augmentation services was not required, the Chair expressed the view that the WWRNS Resolution, A.1046(27) was intended for standalone systems, not augmentations. The Committee agreed that the proposal should not be approved and at the suggestion of Norway, it was further agreed that a statement be included in the report that recognition was not required for augmentation systems.

# Discussion

Resolution A.1046(27) states ‘The recognition by IMO of a radio navigation system would mean that the Organization recognizes that the system is capable of providing adequate position information within its coverage area’. So it does not actually exclude augmentation systems. However, a statement in the MSC Report that recognition of augmentation systems is not required means there is no process for the status and characteristics of such systems to be reported to mariners and this will presumably also apply to IALA DGNSS.

IALA Members would normally provide notifications to mariners about the characteristics and status of their DGNSS services and this is covered in Rec. R-129. However, it may be helpful to provide clearer guidance that this should be done, as it is important for safe navigation. This guidance could be broadened to cover other services used by mariners, such as EGNOS and other Satellite Based Augmentation Systems.

# ACTION

The Committee is invited to consider whether IALA should prepare guidance to its Members about information on GNSS augmentation systems.

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)