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| From: ANM Committee | ANM 19/output/5  16 November 2012 |
| To: VTS Committee  e-NAV Committee  EEP Committee |  |

Liaison Note

Proliferation of AIS Aids to Navigation

# Background

The ANM Committee has recently reviewed IALA Recommendation O-143 on Virtual Aids to Navigation and IALA Guideline 1081 on the Provision of Virtual Aids to Navigation.

# Discussion

During the review, the ANM Committee noticed that the risks and limitations associated with the use of virtual Aids to Navigation (AtoN) will be applicable also to AIS AtoN.

AIS AtoN are widely used by various authorities including VTS centres and the number is expected to expand in the future.

However the ANM Committee feels that there may be confusion in some groups or Competent Authorities in understanding the use of AIS AtoN. The ANM Committee considers that full regard must be given to the limitations of the system. The limitations include: not all display systems will be able to display the Message 21 ‘AtoN report’, GNSS is vulnerable, VHF Data Link may be overloaded and the code number is restricted.

As such, a careful assessment of requirements must be conducted, on a case by case basis, to avoid inappropriate use or over proliferation of AIS AtoN.

Since all IALA Committees are involved in the matter to some extent, the ANM Committee suggests that this should be considered when drafting guidance on the use of AIS AtoN.

# Action requested

All Committees are requested to note the information provided.