Liaison Note to IEC TC80 WG15

Regarding ITU 1371-4 clarifications

# Introduction

IEC provided IALA with clarifications to be included in the ITU 1371.4 Technical Clarifications maintained by IALA.

# Clarifications

**Regarding use of GNSS SBAS by AIS equipment**

As SBAS has no maritime performance standards, it is not considered appropriate to discuss this issue within the AIS standard.

It is recognised that some users will connect to SBAS enabled receivers, however they should be alerted that these services have no maritime performance standards and are therefore not guaranteed for maritime use.”

**Regarding the TX power level and regarding receiver and transmitter characteristics of Class B SO**:

The IALA e-NAV Committee once again reviewed the request for Class B “SO” to have power levels similar to a Class B “CS” unit (2W). However, administrations feel strongly that a Class B “SO” device should be more than a Class B “CS” with capability to manage these “semi” professional devices on the VDL differently than either Class A or Class B “CS”. In general, administrations plan to mandate, or require, these devices therefore the business model for these devices does not need to be the same as Class B “CS”.

Understanding that the Class B “SO” will not need to be a Class B “CS”, it also does not necessarily need to be a Class A unit regarding power. The IALA e-NAV Committee has concluded that 5 W high power level has minimal impact on the VDL. Therefore IALA will recommend to ITU-R WP 5B to accept this power level prior to the revision of Recommendation ITU-R M.1371-4. IALA e-Nav will submit a draft revision of Recommendation ITU-R M. 1371-4 at the November meeting.

We understand that this must be accomplished before the IEC CDV resolution stage of Class B “SO” and before the revision of Recommendation ITU-R M. 1371-4 to meet this deadline.

**Regarding free slot versus garbled slots**

The comments from IEC are noted and we look forward to reviewing future studies of the effect garbling has on the VDL.

**Regarding message 25 and 26**

The requested changes will be incorporated into the next revision of Recommendation ITU-R M. 1371.

# Action requested

IALA thanks IEC for its continued excellent work.