

## LIAISON NOTE TO IEC TC80 WG15

### AIS AUTHENTICATION PROPOSAL

#### 1 INTRODUCTION

At its 110th session, the IMO Maritime Safety Committee (MSC 110) agreed on a new Performance Standard and associated Guidelines for the VHF Data Exchange System (VDES), which are expected to be adopted at MSC 111.

The new VDES Performance Standard (IMO/MSC 110/WP.11) includes, in Section 7.2.2, a requirement for the authentication of AIS messages.

In response to this, IALA has developed and published Guideline G1192 – VDES Authentication, which outlines a practical method for authenticating AIS messages. IALA considers this method to be a strong candidate for implementing the IMO requirement on AIS message authentication.

#### 2 ACTION REQUESTED

The IEC TC80 WG15 is invited to:

**Consider** the methods described in IALA Guideline G1192 for potential inclusion in the upcoming IEC test standard for VDES shipborne equipment; and

**Provide** feedback to the IALA DTEC Committee on possible enhancements or refinements to the guideline.