

From: e-NAV Committee – Working Group 1
To: VTS Committee

VTS31/12/2
8 September 2010

Liaison Note

VTS Committee input for e-Navigation Gap Analysis

1 Introduction

At the 26-30 July 2010 meeting of the IMO Sub-Committee on Safety of Navigation (NAV 56), it was agreed that the development of e-Navigation had now entered the gap analysis stage.

The Chairman of the IMO e-Navigation Correspondence Group, John Erik Hagen of Norway, has therefore circulated the attached message and associated documents to seek input into the gap analysis from all stakeholders. The IMO strategy implementation timetable allows for a year to complete this work.

2 Work involved

As IALA was the primary organisation that identified and developed e-Navigation user needs from a shore-side perspective (e-NAV7-output-23 refers), the IALA e-Navigation Committee will seek to populate this gap analysis for the shore based user needs as a priority during e-NAV8 (20-24 Sept 2010). e-NAV WG1 (Operations) will co-ordinate the work on the gap analysis, submitting it to the IMO Correspondence Group via the IALA Council meeting in December 2010.

As many of the shore side user needs pertain to VTS, the e-NAV Committee requests that input on gap analysis be sent from VTS 31 to e-NAV 8.

The IMO Correspondence Group has offered a blank template (Stakeholder Gap Analysis - see VTS31/12/1) for documenting the gap analysis in terms of gap issues pertaining to technical, regulation/standards, operational (and procedural) and training & human element aspects. If, however, you discover a better format for capturing this information please feel free to offer it to the e-NAV Committee.

3 Suggestion about how to proceed

This is a new area of work with little precedence as to how to proceed. However the advice I can offer at this stage is to make 'intelligent assumptions' as to one or a few possible solutions to addressing the 'user need' and then to identify the corresponding gaps (technical, regulatory, operations, training, etc...). For example, one need identified was "There is a need to improve the delivery and presentation of such information to enhance on-board decision making."

How can this best be done? And what would have to be addressed in terms of technical, regulatory, operations, training, etc... to bridge the gap? Please feel free to identify one or a range of possible solutions as each proposed solution will be subject to further analysis on the basis of costs, benefits and risk.

This is a major work task that will require resources and input from a wide range of stakeholders throughout the year.

4 Action requested

The committee is requested to:

- 1 Populate areas where it feels it has a significant contribution or comment to make and forward the results to e-NAV8.