Input paper: [[1]](#footnote-1) VTS49-10.1.2

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |

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

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

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

Agenda item [[2]](#footnote-2) 10

Technical Domain / Task Number 2 3.1.1

Author(s) / Submitter(s) J Carson-Jackson, Chair, WG3

Human Factor and Ergonomics in VTS

# Summary

The IALA VTS Committee has been tasked with developing guidance on human factors and ergonomics in VTS. The objective of this task is to provide awareness regarding the role of the human factor in the performance of a VTS to competent authorities and VTSOs. In addition, this guidance would support the implementation of human factors in the training cycle of initial training, sector training, recurrent training, updating training and adaptation training.

Following VTS 47 a request for input to the development of a Guideline on the Human Factor and Ergonomics in VTS was agreed (VTS48-10.1.1). Based on this request, a request was sent to experts in Human Factors and VTS. As a result of this request, two working sessions were held to review the work to date and prepare a draft guideline for review at VTS49, as prepared by G Praetorius, M Lutzhoft and B Brooks.

## Purpose of the document

The annex to this document provides a draft Guideline on Human Factors and Ergonomics in VTS.

## Related documents

VTS47-10.2.4 – The Human Factor in VTS

VTS49-10.1.2.1 - Draft G-#### - The Human Factor and Ergonomics in VTS

# Background

IALA conducted a workshop on Human Factors and Ergonomics in VTS at Chalmers University of Technology in Gothenburg, Sweden (12 - 16 October 2015), in conjunction with Chalmers University of Technology, the Dutch VTS Operator Training Foundation and the Port of London Authority. A conclusion of that workshop highlighted the need for guidance on raising awareness about safety culture and human factors, including incorporating the work into existing and developing IALA documentation.

# Action requested of the Committee

The Committee is requested to:

1. note the input provided by HF experts in support of the development of G-#### on the Human Factor and Ergonomics in VTS as a working document to be reviewed at VTS49.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)