**IALA Model Course**

V-103/1

Vessel Traffic Services Operator Training

Revised Module 2 – in new table format – for review at VTS51Numbering suggested:

* First number – module number
* Second number – sequential number for subject area
* Third number – sequential number for session objective
* Fourth number – subject element

So, 2.3.1.3 would be Module 2, Subject area 3, session objective 1, subject element 3

1. LEGAL FRAMEWORK
   1. INTRODUCTION

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* 1. SUBJECT FRAMEWORK
     1. Scope

This module covers the regulatory and legislative framework of VTS, including the liabilities and the responsibilities of various parties involved with VTS

* + 1. Objective of Module 2

On completion of the module the student will be able to explain the:

* legal framework of VTS including national and international regulations
* legal liabilities and their implications to VTS
* roles and responsibilities of the parties involved in VTS
* importance of record and log keeping.

~~The understanding by student of the subject and knowledge and skills gained in other areas, including on-the-job training, will enable the routine day-to-day duties of a VTS Operator to be carried out in a professional manner with due regard for the legal and regulatory structure within which they operate. including aspects related responsibilities and liabilities~~

~~They will also have sufficient knowledge, comprehension and skills in the subject to serve as the basis for further training to the level of VTS Supervisor.~~

* + 1. Suggested Training aids and exercises

The teaching methods for that are suggested for use in the delivery of this module include:

* Classroom presentations and facilitated discussion
* Case studies
* Simulation
  + 1. References relevant to this module

The following references are relevant to the planning and delivery of this module:

[to be developed…]

* + 1. Pre-course reading material

Prior to attending …

* 1. SUBJECT OUTLINE OF MODULE 2

1. Subject outline – Legal Framework

| Subject Area | Recommended Competence Level | Recommended Hours | |
| --- | --- | --- | --- |
| Presentations/ Lectures | Exercises |
| **Regulatory requirements**  International regulations  National regulations including local bye laws  Promulgation of Marine Notice | Level 2  Level 2  Level 1 |  |  |
| **Legal liabilities of VTS**  Competent Authority, VTS Provider  VTS Personnel | Level 2 3 |  |  |
| **Roles and responsibilities**  Ship masters  Marine pilots  VTS  Allied services | Level 1  Level 1  Level 3  Level 1 |  |  |
| **Log and record keeping**  Objective  Manual log keeping  Electronic log keeping  Report writing | Level 1 |  |  |
|  |  | Total 10 hours | Total8 hours |

* + 1. DETAILED COMPETENCE TABLE OF MODULE 2 – Legal Framework

1. Competence Table – Legal Framework

| Element | *Session Objective* | Sub-element | Subject Elements | Level of Competence | Resources |
| --- | --- | --- | --- | --- | --- |
| **2.1** | **Regulatory Requirements** |  |  |  |  |
| **2.1.1** | *List the maritime organisations related to VTS, maritime operations and protection of the environment.* | 2.1.1.1 | UN Organisations (IMO, ITU) | 2 |  |
| 2.1.1.2 | Intergovernmental Organisations (IGOs), Non-Governmental Organisations (NGOs) including IALA, IHO, ISO and IEC | 2 |  |
| 2.1.1.3 | IALA Standards, recommendations and guidelines | 2 |  |
| **2.1.2** | *Explain the legislative requirements relating to VTS.* | 2.1.2.1 | IMO Conventions, Resolutions and Circulars related to VTS (including SOLAS Chapter V, Reg. 12, IMO Res A.XXX(32)) | 3 |  |
| 2.1.2.2 | IALA Standards, recommendations and guidelines | 3 |  |
|  |  |  |  |
| **2.1.3** | *Identify legislative requirements relating to maritime operations and protection of the environment.* | 2.1.3.1 | United Nations / UNCLOS (innocent passage, areas and zones) | 1 |  |
| 2.1.3.2 | IMO Conventions, Resolutions and Circulars (other – including SOLAS V-10, 11, 13; MARPOL, SAR, FAL, IMDG) | 1 |  |
| 2.1.3.3 | Recommendations and standards for data exchange (ITU, IEC) | 1 |  |
| 2.1.3.4 | National regulations, including local bye-laws | 1 |  |
| **2.1.4** | *Identify how maritime information may be promulgated.* | 2.1.4.1 | Notices to mariners, Admiralty List of Radio Signals | 1 |  |
| 2.1.4.2 | Other means (websites, etc.) | 1 |  |
| **2.2** | **Legal Liabilities** |  |  |  |  |
| **2.2.1** | *Explain the legal liabilities pertaining to VTS functions.* | 2.2.1.1 | Extent of authority and responsibility for Competent Authority, VTS Provider | 3 |  |
| 2.2.1.2 | Extent of authority and responsibility for VTS Personnel:   * Routine operations * Incidents / emergency response * Accuracy of information promulgated * Requirements and limitations of authority | 3 |  |
| 2.2.1.2 | Concept of legal, civil, administrative and criminal aspects. | 2 |  |
| **2.3** | **Roles and Responsibilities** |  |  |  |  |
| **2.3.1** | *Identify the roles, responsibilities of and relationships between ship masters, marine pilots, VTS and allied services.* | 2.3.1.1 | Relationship VTS, master and pilot | 1 |  |
| 2.3.1.2 | Allied services | 1 |  |
| **2.3.2** | *Explain the responsibilities of VTS personnel* | 2.3.2.1 | Routine / non-routine operations | 3 |  |
| 2.3.2.2 | Role in compliance and enforcement | 2 |  |
| **2.4** | **Log Keeping and Record Keeping** |  |  |  |  |
| **2.4.1** | *Identify the objectives and requirements for log keeping and recording in VTS* | 2.4.1.1 | Methods and principles of log keeping; retention of logs | 1 |  |
| 2.4.1.2 | Reporting of incidents, casualty and near miss including and the role of VTS: collection of data, statement and report writing. | 1 |  |

| Subjects / Learning Objectives | Reference | Teaching Aid |
| --- | --- | --- |
| Regulatory requirements | R1, R2, R3, R7, R12, R14, R16, R17, R35, R36, R37 |  |
| *Describe the legislative requirements relating to VTS* |  |  |
| International regulations  UN / UNCLOS (relevant sections: innocent passage, sea areas);  IMO Conventions (SOLAS) VTS related IMO Resolutions and Circulars  SOLAS Chapters V Regulations 12  IALA standards, recommendations and guidelines  . |  |  |
| *Identify the legislative requirements relating to maritime operations and protection of the marine environment*  IMO Conventions (SOLAS, MARPOL, SAR, FAL); IMDG; IMO Resolutions and Circulars  SOLAS Chapters V Regulations 10, 11, and 13  ITU - radio spectrum |  |  |
| Maritime organisations  UN organisations – IMO, ITU  IGOs and NGOs, including IALA, IHO, ISO, IEC |  |  |
| National regulations, including local bye laws  national legislation  Bye laws |  |  |
| Promulgation of maritime information  Notices to Mariners, ALRS and other nautical publications  Notices to Mariners  Admiralty List of Radio Signals  Other publications. |  |  |
| [verb statement at level 3 or 2?] |  |  |
| Legal liabilities of VTS functions  Extent of authority and responsibility  Competent authority  VTS provider  VTS Personnel  - Routine operations  - Incidents / Emergency response  - Accuracy of information promulgated  - Requirements and limitations of their authority  [discussion – included concept of legal, civil, administrative and criminal] |  |  |
|  |  |  |
| Roles and responsibilities |  |  |
| *Identify the roles, responsibilities of and relationships between ship masters, marine pilots, VTS and allied services* |  |  |
| VTS  Relationship VTS, master and pilot |  |  |
| Allied services  Knowledge of allied services (i.e. harbour master, port authority)  Roles of allied services |  |  |
| Log keeping and recording |  |  |
| *Describe the objectives and requirements for log keeping and recording in VTS.* |  |  |
| Objectives of log keeping and recording  Methods of log keeping  Principles of log keeping  Retention of logs |  |  |
| Reporting of Incidents, Casualty and Near Miss  Classification of casualty, incident and near miss  Role of VTS  Collection of data  Statement and report writing |  |  |
| Compliance and Enforcement |  |  |
|  |  |  |