

PSSVTS102

Maintain and update vessel traffic image



Overview

This standard covers the skills and knowledge required to maintain and update a vessel traffic image.

A Vessel Traffic Services Operator is required to make a full appraisal of vessel traffic, correctly identifying all significant vessel traffic within and also entering the Vessel Traffic Services area. Additionally, the Vessel Traffic Services Operator must promptly contact all significant unidentified vessel traffic entering the area.

There are three elements in this standard:

1. Conduct an appraisal of all vessel traffic in the Vessel Traffic Services area
2. Identify all significant vessel traffic in the Vessel Traffic Services area and vessel traffic entering into the area
3. Contact all significant unidentified vessel traffic entering the Vessel Traffic Services area

Target Group

This standard applies to an authorised Vessel Traffic Services Operator who has a duty to ensure the safety of navigation and protection of the environment within their area.

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Performance criteria

Conduct an appraisal of all vessel traffic in the Vessel Traffic Services area

You must be able to:

- P1 follow the specified watch handover procedures on taking over the watch
- P2 create a dynamic traffic image to take account of present and developing situations that impact or will impact vessel traffic in the Vessel Traffic Services area
- P3 maintain a continuous watch of all vessel traffic in the Vessel Traffic Services area
- P4 maintain an awareness of the ship type or special characteristics of vessels that may influence the safe and normal operation of traffic flow in the Vessel Traffic Services area
- P5 maintain an awareness of the cargo characteristics on board vessels that may influence their safe and normal operation in the area
- P6 assess the risks posed by vessel traffic with respect to the safety and efficiency of vessel traffic and the threat of environmental pollution on a continuous cycle

Identify all significant vessel traffic in the Vessel Traffic Services area and vessel traffic entering into the area

You must be able to:

- P7 maintain an awareness of the intentions and sailing plans of all significant vessel traffic
- P8 use all available means to correctly identify all significant vessel traffic in the Vessel Traffic Services area and also vessel traffic entering into the area
- P9 establish the correct identity of vessel traffic in the Vessel Traffic Service area and vessel traffic entering into the area using vessel name/call sign or other appropriate means of identification

Contact all significant unidentified vessel traffic entering the Vessel Traffic Services area

You must be able to:

- P10 use all available means to establish contact with all significant unidentified vessel traffic entering the Vessel Traffic Services area
- P11 establish the correct identity of unidentified vessel traffic entering the Vessel Traffic Services area
- P12 establish the intentions and sailing plans of newly identified vessel traffic entering the Vessel Traffic Services area
- P13 obtain any further information about the vessel as required in accordance with operating procedure
- P14 respond to the presence of significant unidentified vessels in accordance with standing operating procedures when it is not possible to obtain a positive identification

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Knowledge and understanding

You need to know and understand:

- K1 the hazards and risks of the workplace that may affect people and the environment
- K2 how to make and apply decisions based on the assessment of risk
- K3 how to apply practices that maximise the health, safety and welfare of self and others in the workplace
- K4 the national and international regulations, statutory authority, codes of practice and industry good practice in relation to Vessel Traffic Services and the role of Vessel Traffic Services Operator
- K5 your organisation's policies, procedures and working practices relevant to Vessel Traffic Services operations
- K6 the different roles within Vessel Traffic Service operations, their priorities and responsibilities
- K7 lines and methods of communication /reporting in the workplace
- K8 vessel movement and data recording equipment, their operating principles and how they are maintained
- K9 how to communicate clearly and effectively with the range of people involved
- K10 principles and procedures of operation for all equipment used to maintain and update the vessel traffic image

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Additional Information

Scope

The different equipment used to maintain and update the vessel traffic image includes:

1. Radio telephone equipment including Global Maritime Distress Safety Systems (GMDSS)
2. Automatic Identification System (AIS)
3. Digital Selective Calling equipment
4. Telephone equipment
5. Facsimile
6. Electronic messaging equipment
7. marine radar/tracking systems
8. electronic chart systems
9. Closed Circuit Television (CCTV)

External Links

The important contribution of Vessel Traffic Services towards maintaining the safety of life at sea, safety and efficiency of navigation and the protection of the marine environment is recognised nationally and internationally. International Association of Marine Aids to Navigation & Lighthouse Authorities (IALA) guidelines on recruitment, qualification and training for Vessel Traffic Services Operators have been adopted and are regulated in the UK through the Maritime and Coastguard Agency. These Vessel Traffic Services National Occupational Standards take cognisance of and complement the IALA guidelines and model courses.

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Relevant occupations Vessel Traffic Service Operators; Vessel Traffic Service Supervisor; Vessel Traffic Service Manager; Harbour Masters; Marine Pilots; Ship's Master; Bridge Team

Suite Vessel Traffic Services Operations

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