

Training Title

VESSEL TRAFFIC SERVICES (VTS) & VESSEL TRAFFIC MANAGEMENT INFORMATION SYSTEM (VTMIS)

Training Duration

5 days

Training Venue and Dates

REF SM025	Vessel Traffic Services (VTS) & Vessel Traffic Management Information System (VTMIS)	5	07 – 11 July 2025	\$5,500	Dubai, UAE
--------------	---	---	----------------------	---------	------------

In any of the 4 or 5-star hotels. The exact venue will be informed once finalized.

Training Fees

- \$5,500 per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Lunch

Training Certificate

Define Management Consultancy & Training Certificate of course completion will be issued to all attendees.

INTRODUCTION

Vessel Traffic Services (VTS) are systems used to monitor and manage vessel movements in specific waterways or ports to enhance safety, prevent accidents, and optimize traffic flow. VTS operations typically include tracking vessels, providing navigational assistance, avoiding collisions, and coordinating search and rescue efforts.

Vessel Traffic Management Information Systems (VTMIS) are integrated technological systems that support VTS by gathering and processing data from various sources (like radar, AIS, weather systems) to provide real-time traffic monitoring, decision support, and incident management. VTMIS allows for more comprehensive, system-wide management of maritime traffic, ensuring safety, efficiency, and environmental protection.

In summary, VTS focuses on the real-time operational control of vessel traffic, while VTMIS provides the broader, integrated technology and data infrastructure to manage that traffic.

TRAINING OBJECTIVES

- Understand the concepts and functionalities of Vessel Traffic Services & Management systems.

DMCT/OL/9/18(Rev3Dt:23/9/18)

- Evaluate and use international guidelines to assist in the establishment, management, and operation of VTIMS systems.
- Examine and discuss approaches to VTS operator training including the use of simulators
- Identify and discuss the potential problems in vessel control that may exist between ship and shore controller.

WHO SHOULD ATTEND

- Port Authorities
- Maritime Safety Agencies
- Coastal States' Maritime Officials
- Vessel Operators & Shipping Companies
- VTS/VTMIS Operators and Technicians
- Maritime Regulators and Policymakers

TRAINING METHODOLOGY:

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions and motivating everybody to find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

All presentations are made in excellent colorful power point. Very useful Course Materials will be given.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work& Practical Exercises
- 20% Videos& General Discussions

www.definettraining.com

COURSE TOPICS

Day 1

0800 - 1000	Introduction
1000 - 1030	Break
1030 - 1230	VTS authority
1230 - 1300	Break
1300 - 1400	VTS operator
1400 - 1430	discussions

DMCT/OL/9/18(Rev3Dt:23/9/18)

Day 2

0800 - 1000 VTS Classifications
1000 - 1030 Break
1030 - 1230 VTS services
1230 - 1300 Break
1300 - 1400 Planning a VTS
1400 - 1430 discussions

Day 3

0800 - 1000 VTS Structuring
1000 - 1030 Break
1030 - 1230 AIS – A VTS Tool
1230 - 1300 Break
1300 - 1400 VTS Personnel
1400 - 1430 Discussions

Day 4

0800 – 1000 Operating a VTS Cost
1000 - 1030 Break
1030 - 1230 IMO Res 857 (20)
1230 - 1300 Break
1300 - 1400 benefit Analysis
1400 - 1430 discussions

Day 5

0800 - 1000 Environmental Protection
1000 - 1030 Break
1030 - 1200 Sample extract
1200 - 1230 Break
1230 - 1400 Legal measures WAS?
1400 - 1430 Open discussions and evaluation

NOTE:

www.definettraining.com

Pre & Post Tests will be conducted

Case Studies, Group Exercises, Group Discussions, Last Day Review & Assessments will be carried out.

.....

DMCT/OL/9/18(Rev3Dt:23/9/18)

P.O BOX 45304
ABU DHABI, U.A.E

T +971 2 6264455
F +971 2 6275344

www.definettraining.com