



## **TITAN Marine Kish Company**

Ports and Marine Services

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## **Maritime Training Courses and Programs**

A voyage together through training cooperation and inclusive innovation, giving us all a clear message will stay with us: 'Leaving no one behind is key. Without consensus we cannot move forward'.

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I am a marine engineer with 25 years of experience. In 1999, I graduated from Amirkabir University of Technology with a bachelor's degree in marine engineering. After 7 years of sailing on commercial ocean-going ships, I entered the shipbuilding and offshore industry. From 2005 to 2011, I worked in the shipbuilding and offshore industry. After gaining experience in both the maintenance and repair sectors as well as the shipbuilding industry, I entered the technical management of ships in the operational phase. I worked in this field for four years and then entered the field of marine inspections. Over the past 10 years, I have presented numerous articles and notes in specialized journals and international conferences and, developed several training software. I gained valuable knowledge and skills from working with DNV and LR through 5 years in the Netherlands, England and Iran.

Since 2016, I have been engaged and focused in the following activities as a freelancer:

- Head of Mechanical Engineering Department in Oil and Gas Industry
- Ship Technical Manager
- Marine Surveyor and Risk Management Specialist in Maritime Industry
- Researcher and Lecturer in the Maritime Transport Industry
- Marine Surveys (Class and Statutory) + Pre-purchase and Condition Surveys
- Freelance Maritime Journalist

***Reza M. Alibeike,***

Head of Training and Research Division

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# Ship Management

## Core Modules

- Module 1 – Introduction to the Shipping Industry
- Module 2 – Introduction to Ship Management
- Module 3 – Maritime Legislation
- Module 4 – Ship Type, Operation and Cargoes
- Module 5 – Introduction to Risk, Safety and Environment
- Module 6 – Skills Set for a Ship Manager
- Module 7 – Introduction to Cyber Security in Shipping

**Duration: 2 Days (2 x 3 hours)**

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# Maritime Risk Management

Risk Assessment and Incident Investigation certificate is issued upon successful completion of the final exam

## Core Modules

Module 1 – Introduction to the Risk Management

Module 2 – Two Main Types of Maritime Risks

Module 3 – Maritime Related-International Instruments

Module 4 – Introduction to Operation and Market Risks

Module 5 – Introduction to Fire and Safety

Module 6 – Big Data and Risk Management

Module 7 – Prevention, Control and Compensation Schemes

**Duration: 2 Days (2 x 4 hours)**

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# Material and Equipment Certification

## Core Modules

- Module 1 – Introduction to the Type Approval Process
- Module 2 – Introduction to the Role and Responsibility of the Flag
- Module 3 – Introduction to the EU Marine Equipment Directive
- Module 4 – Recognized Laboratories
- Module 5 – Introduction to the Service Supplier Certification
- Module 6 – Manufacturing Assessment
- Module 7 – What is Materials and Equipment Certification?

**Duration: 2 Days (2 x 3 hours)**



# Sustainable Maritime Transport

## Core Modules

- Module 1 – Introduction to UN SDGs and Paris Agreement
- Module 2 – Introduction to the Goals and Targets of SDGs
- Module 3 – IMO, ICS and International Institutes
- Module 4 – Sustainable Maritime Transport System
- Module 5 – Introduction to Challenges, Opportunities and Solutions
- Module 6 – Initiatives and Knowledge Platforms
- Module 7 – Introduction to Technology Transfer and Cooperation

**Duration: 2 Days (2 x 3 hours)**





# Introduction to Marine Insurance

## Core Modules

Module 1 – Introduction to Maritime Risk Management

Module 2 – Familiarization with SOLAS, MARPOL, Load Line and STCW Conventions

Module 3 – Risk management: Methods and Tools

Module 4 – Incident investigation and root cause analysis

Module 5 – Reporting Structure and Documentation

Module 6 – Hull, Machinery and P&I insurance policies

Module 7 – Introduction to marine insurance underwriting

Module 8 – Familiarization with International Group of Protection and Indemnity Clubs

Module 9 – Introduction of the sources for identification and assessment of marine accidents

**Duration: 3 Days (3 x 3 hours)**

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# Ship Surveys and Certificates

## Core Modules

Module 1 – The concept of the surveys and certification

Module 2 – Introduction to the ship newbuilding surveys and ships in operation surveys

Module 3 – Preparation and conduct of inspections

Module 4 – Introduction to the regional & national regulations and surveys

Module 5 – Overview of relevant IMO instruments and PSC regimes

Module 6 – What is the difference between class surveys and statutory surveys?

**Duration: 2 Days (2 x 3 hours)**



# Knowledge Management and Maritime Transport Industry

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## Core Modules

- Module 1 – Introduction to knowledge management
- Module 2 – Introduction to knowledge management prerequisites
- Module 3 – Sharing, capture, and transfer mechanisms
- Module 4 – Design and implement content management processes
- Module 5 – Knowledge management and maritime national single window
- Module 6 – Knowledge management and risk management
- Module 7 – A case study in ship management and ship newbuilding supervision

**Duration: 2 Days (2 x 3 hours)**





# Decarbonization Shipping

## Core Modules

- Module 1 – Introduction to Sustainable Maritime Transport System
- Module 2 – IMO and EU Instruments
- Module 3 – Int. Technical Cooperation Programs
- Module 4 – Sustainable Consumption Practices
- Module 5 – EU-ETS and Carbon Market
- Module 6 – IMO Member States Challenges and Solutions

**Duration: 2 Days (2 x 3 hours)**

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# Ship Newbuilding Supervision

## Core Modules

- Module 1 – Familiarization with newbuilding process
- Module 2 – Introduction to the shipyard disciplines
- Module 3 – The roles and responsibilities of the class and QC
- Module 4 – Owner's Representative: Roles and responsibilities
- Module 5 – Material Traceability, Storage and Handling
- Module 6 – Fabrication, assembly and blocks erection
- Module 7 – Propeller Installation and shaft alignment
- Module 8 – Installation, commissioning and trials
- Module 9 – Class and flag final documentation requirements

**Duration: 2 Days (2 x 3 hours)**





# Introduction to the Maritime Industry

## Core Modules

Module 1 – Maritime Stakeholders: structure, roles and responsibilities

Module 2 – Ships: types of ships, ship dimensions, hull, machinery, safety equipment, load line and tonnage measurement

Module 3 – The crew: qualification and manning of ships

Module 4 – Shipbuilding and ship repair: process and responsibilities

Module 5 – Maritime organizations and regulations (surveys and certification)

Module 6 – Insurance matters: transport, damage and P&I insurance

Module 7 – Sale and purchase of the ship

Module 8 – Business process of a port call

**Duration: 2 Days (2 x 3 hours)**

