



T.C.
ULA TIRMA VE ALTYAPI BAKANLI I
Denizcilik Genel Müdürlü ü

Sayı : E-80368960-774.01.02-1707525

09.02.2024

Konu : Bayrak Devleti Denetim Uzmanı Eğitimi

DAĞITIM YERLERİNE

Bilindiği üzere, Ülkemiz Uluslararası Denizcilik Örgütü (IMO) Üye Devlet Denetim Programı (IMSAS) kapsamında bu yıl içerisinde denetlenecek olup bayrak devleti denetimi uzmanları ile liman devleti denetimi uzmanlarının eğitimleri, bilgi güncellemeleri de bahse konu denetlemenin ana kısımlarından birisini oluşturmaktadır.

Bu kapsamda, Ek-1'de isimleri yer alan İdaremiz denetim uzmanları için Ek-2'de verilen program müfredatına uygun olarak eğitimlerin çevrimiçi (online) olarak düzenlenmesi hususunda bilgilerinizi ve gereğini rica ederim.

Ünal BAYLAN
Bakan a.
Denizcilik Genel Müdürü

Ek:

- 1 - Bayrak Devleti Uzmanları Katılım Listesi. (1 Sayfa)
- 2 - Denetim Uzmanları Eğitim Programı. (1 Sayfa)

Dağıtım:

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Bilgi için:Gemi Denetim ve Ç
Su Taımacılı ı Daire
Ba kanlı ı



BAYRAK DEVLETİ UZMANLARI KATILIM LİSTESİ

	İSİM/SOY İSİM	ÜNVANI	BÖLÜM Ü	LİMAN BAŞKANLIĞI	E-POSTA	TELEFON
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DENETİM UZMANLARI EĞİTİM PROGRAMI
(28 Şubat - 18 Mart 2024)

KONU	KONU / İÇERİK	YK	TARİH
SOLAS (Requirements and Surveys)	<ul style="list-style-type: none">- Summary of requirements- Execution of SOLAS surveys (Safety Construction surveys / Safety - Equipment surveys / Safety Radio surveys- Reporting and certification- Underwater survey implementations- Thickness Measurement Implementations	DNV	03-04.04.2024
Navigation Equipment	<ul style="list-style-type: none">- Radiotelephony- Radiotelegraphy- GMDSS- ECDIS- Bridge design		
Navigation and Signaling Lights, Shapes and Sound Signals	<ul style="list-style-type: none">- Navigation lights application and technical details- Positioning of navigation lights- General requirements and application of shapes- General requirements and application of sound signals		
Safety Equipment	<ul style="list-style-type: none">- Life-saving appliances and other safety equipment- Lifeboats /Liferafts		
Interior Communication Systems	<ul style="list-style-type: none">- Public address system- Important intercommunication systems		
SPS Code			
MODU Code			
Vantilation	<ul style="list-style-type: none">- Ventilation in Accommodation Spaces- Ventilation in E/R, Pump room, Cargo holds, Battery room		
Main and Emergency Lighting Systems	<ul style="list-style-type: none">- Lighting arrangement / Emergency lighting arrangement- Additional emergency lighting arrangement and facilities		
Automation	<ul style="list-style-type: none">- General requirements		

	<ul style="list-style-type: none"> - Automation notations - Alarm system requirements - Fire detection and alarm systems - Power management 	RINA	17-18.04.2024
Maneuvering Systems	<ul style="list-style-type: none"> - Steering gear drive and control systems - Rudder propeller and lateral thrust systems - Controllable pitch propeller systems 		
Machinery Control Systems	<ul style="list-style-type: none"> - Monitoring systems for machinery - Safety devices / safety systems for machinery - Electrical starting arrangements for main and auxiliary engines - Controls and adjustments for essential equipment / drive installations 		
Damage Control Plan	<ul style="list-style-type: none"> - The watertight boundaries of the ship - The locations and arrangements of cross-flooding systems - The locations of all internal watertight closing appliances - The locations of all doors in the shell of the ship - The locations of all external watertight closing appliances in cargo ships, position indicators and alarms - The locations of all weathertight closing appliances in local subdivision boundaries - The locations of all bilge and ballast pumps, their control positions, and associated valves 		
Load Line (Requirements and Surveys)	<ul style="list-style-type: none"> - Summary of requirements - Assignment of freeboard - Surveys, reporting and certification 		
Hull Outfitting (Int-ext. Openings)	External and internal openings, doors, hatches, Windows and side scuttles		
Fire Fighting Equipment	- Fire Ext. Medium, Nozzles, Other fire ext. Components	RINA	17-18.04.2024
Fire Integrity Materials	<ul style="list-style-type: none"> - Fire doors, hatches, windows, - Fire dampers, closures, - Bulkhead and deck penetrations - A and B Class Divisions, Primary Deck Covering, - Furniture, Bedding & Other Fire Components, 		
Fire Protection and Fire Detection	Measure to prevent fires in E/R and cargo pump rooms		

Fixed Gas Fire Extinguishing Systems	<ul style="list-style-type: none"> - CO2 System - Design and equipment of high and low-pressure CO2 systems - Nozzle arrangement - Piping, refrigerating plans, alarm systems and tests - Galley range exhaust duct CO2 system - Paint locker - Other Systems - Halocarbon gas types - Application areas - Safety requirements - Releasing systems and alarms 	ABS	28-29.02.2024
Water Fire Fighting System for all Ships	<ul style="list-style-type: none"> - Classification of fire - Number, capacity, and arrangement of fire pumps - Emergency fire pumps (arrangement, and suction heads) - Design principles of fire lines - Fire extinguishing equipment 		
Pressure Water Spraying System	<ul style="list-style-type: none"> - Application areas - Pressure water tanks, pumps - Piping, valves, and fittings - Selection and arrangements of nozzles - Gauging, alarms, drains, tests 		
Fixed Foam Fire Extinguishing System	<ul style="list-style-type: none"> - High expansion foam systems (tankers) - Low expansion foam system (boiler room and engine room) - Types of foams, foam concentrates - Foam distribution and capacity of monitors - Foam quantity and piping 		
Portable Fire Extinguishers	<ul style="list-style-type: none"> - Types, arrangements, and number of portable fire extinguishers 		
Fire Control Plan / Safety Plan			
Structural Fire Protection, Ventilation and Escape Plan	<ul style="list-style-type: none"> - Fire integrity of bulkheads and decks - Materials and restriction of combustible materials - Fire zones / Fire protection methods (IC, IIC, IIIC) - Construction and arrangement 		

	<ul style="list-style-type: none"> - Deck and floor covering / Furniture and textile material - Means of escape / Windows and side-scuttles - Ventilation systems, detail of duct penetration - Openings in A and B class divisions, fire integrity 		
Passenger Ship Surveys	<ul style="list-style-type: none"> - Passenger Ship regulations - SOLAS Requirements – 1 (Safety Construction <ul style="list-style-type: none"> . Structural fire protection . Watertight subdivision arrang. / Specific stability requirm. . Shell doors / Special category spaces - SOLAS Requirements – 2 (Safety Equipment) <ul style="list-style-type: none"> . Documentation requirements . Lifesaving appliances . Fire fighting systems . Navigational equipment 	TL	06-07.03.2024
Ferryboat Surveys	<ul style="list-style-type: none"> - Ferryboat survey imlementations 		
Search and Rescue (SAR) Plan			
Decision Support System for Masters			
High Speed Crafts (HSC)	<ul style="list-style-type: none"> - HSC Code - DSC Code - Surveys, reporting and certification 		
ISM Auditor	<ul style="list-style-type: none"> - Auditing Techniques - Execution of audits, reporting and certification 		
ISPS Auditor	<ul style="list-style-type: none"> - ISM Code - Auditing Techniques - Execution of audits, reporting and certification 		
MARPOL (Requirements and Surveys)	<ul style="list-style-type: none"> - Summary of requirements - MARPOL Annex I – Form A, Form B - MARPOL Annex II - MARPOL Annex IV - MARPOL Annex V - MARPOL Annex VI - Surveys, reporting and certification 		

Oil and Chemical Tanker and LPG Piping Systems	Cargo piping system, Piping, pumps, Cargo tank venting (pressure-vacuum – PV relief systems), Inert gas piping systems, Bilge piping of cofferdams and cargo pump rooms in cargo area, Ballast systems in cargo area, Gas freeing of cargo and ballast tanks, pipe tunnels, double hull spaces, cofferdams, Temperature control, Overflow control, Bow or stern loading line, Vapor return line, Cargo stripping system, Cargo tanks heating lines	LR	13-14.03.2024
Pollution Prevention Equipment	<ul style="list-style-type: none"> - Pollution prevention equipment for machinery space bilges of ships - Effluent standards and performance tests for sewage treatment plants - Oil discharge monitoring and control systems for oil tankers - SCR systems - EGR systems - Scrubber systems - Standard specification for shipboard incinerators 		
NoX Technical File	<ul style="list-style-type: none"> - MARPOL Annex VI Chp.3 - MARPOL Appendices to Annex VI Appendix I - Nox Technical Code 		
EEXI / CII / DCS /MRV			
Procedures and Arrangements (P & A) Manual	<ul style="list-style-type: none"> - Introduction - Main features of MARPOL 73/78, Annex II - Description of the ship's equipment and arrangements - Cargo unloading procedures and tank stripping - Procedures relating to the cleaning of cargo tanks, the discharge of residues, ballasting and deballasting - Information and procedures 		
VOC Management Plan	<ul style="list-style-type: none"> - Main features of MARPOL 73/78, revised Annex VI, Regulation 15 - Description of the ship's equipment and arrangements - Procedures for minimizing VOC emissions 		
COW Manual	<ul style="list-style-type: none"> - Introduction - COW washing and heating guideline 		

ODME System and ODME Manual	<ul style="list-style-type: none"> - Introduction - System information and instructions 	BV	20-21.03.2024
Booklets / Plans	<ul style="list-style-type: none"> - SOPEP / SMPEP Plans - Cargo Securing Manual - Garbage Management Plan - Ballast Water Management Plan 		
Electrical Power Supply Systems	<ul style="list-style-type: none"> - Electrical plant, power generating and distribution - Generators, UPS units, batteries, transformers - Short-circuit calculations / Electrical power balance - Main switchgear / Emergency switchgear - Main distribution boards / Main cableways - Cable layout/-list control equipment - High voltage installation 		
Ship Safety Systems	<ul style="list-style-type: none"> - General alarm systems / Tech. Officer's alarm system - Nav. And signaling lights, power supply and monitoring System - Fire detection and fire alarm systems and equipment - CO2 alarm system - Watertight doors operating and position monitoring system - Fire doors operating and position monitoring system - Control and mon.systems for shell doors, gates and ro-ro decks - Emergency shut-off facilities - Tank level indicators, alarms, shut-off facilities - Gas detector systems - Inert gas system - Fixed water-based local application firefighting systems - Bilge level mon. System, flooding alarm system, computer syst. 		
IGC Code (Requirements and Surveys)	<ul style="list-style-type: none"> - GC Code/ IGC Code - SOLAS Ch VII Part C - Surveys, reporting and certification 		
IBC Code (Requirements and Surveys)	<ul style="list-style-type: none"> - Summary of requirements - Surveys, reporting and certification 		
ESP Code			

Carriage of Dangerous Cargoes (Requirements and Surveys)	<ul style="list-style-type: none"> - SOLAS Ch VII Part A, Part A-1 - SOLAS Ch II-2 Reg.19 - IMDG Code - IMSBC Code - Surveys, reporting and certification 	NKK	27-28.03.2024
Bulk Carrier Requirements			
Electrical Equipment Installations in Hazardous Areas	<ul style="list-style-type: none"> - Hazardous areas arising from carried cargoes - Specifications of the electrical equipment of hazardous areas 		
Ballast Water Management Surveys	<ul style="list-style-type: none"> - BWM Convention (development, summary of requirements) - Possible hazards to environment introduced by ballast waters - BWM Plan - Execution of BWM surveys - Reporting and certification - Ballast Water Treatment Unit 		
Crew Accommodation Certification – ILO 92/133, MLC 2006	<ul style="list-style-type: none"> - ILO 92/133 General information - MLC 2006 Rules and Regulations - Port State Controls - Execution of inspections, reporting and certification 		