



1nd Day

09.00 - 10.00

Topic Number: 1
Title: **Overview of major PSC findings**
Lecturer: Ministry of Maritime Affairs and Insular Policy – Hellenic Coast Guard Head Office

10.00 - 10.15 Break

10.15 - 11.15

Topic Number: 2
Title: **PSC – Fire Safety**
Lecturer: RINA Hellas Ltd.

11.15 - 11.30 Break

11.30 - 12.30

Topic Number: 3
Title: **PSC – Life Saving Appliances and Emergency Systems**
Lecturer: Cleopatra Shipping Agency Ltd.

12.30 - 13.00 Break

13.00 - 14.00

Topic Number: 3 (continued)
Title: **PSC – Life Saving Appliances and Emergency Systems**
Lecturer: Cleopatra Shipping Agency Ltd.

14.00 - 14.15 Break

14.15 - 15.15

Topic Number: 4
Title: **PSC – Safety of Navigation**
Lecturer: HELMEPA

2nd Day

09.00 - 10.00

Topic Number: 5
Title: **PSC – ISM and ISPS Codes, Maritime Labour Convention (MLC)**
Lecturer: Hellenic Lloyd’s S.A.

10.00 - 10.15 Break

10.15 - 11.15

Topic Number: 6
Title: **PSC – Pollution prevention and relevant documents**
Lecturer: Andriaki Shipping Co. Ltd.

11.15 - 11.30 Break

11.30 - 12.30

Topic Number: 6 (continued)
Title: **PSC – Pollution prevention and relevant documents**
Lecturer: Andriaki Shipping Co. Ltd.

12.30 - 13.00 Break

13.00 - 14.00

Topic Number: 7
Title: **Lessons learned from vetting inspections for tankers**
Lecturer: Euronav Shipmanagement (Hellas) Ltd.

14.00 - 14.15 Break

14.15 - 15.15

Topic Number: 8
Title: **PSC particularities around the globe and how to deal with them: experience-sharing session**
Lecturer: V. Ships Greece Ltd.

1. Overview of major PSC findings

- Lack of proper rescue/lifeboat maintenance rendering it dangerous or/and not ready for immediate use
- Lack of proper maintenance or/and non functionality of rescue/lifeboat launching devices, resulting in the unsafe launching of the boat into the water or rendering it not ready for use
- Liferafts' hydrostatic release connection not proper and not according manufacturer's instructions, resulting in their failure to be released and be unfolded in case of sinking of the ship
- Lack of proper maintenance/damage/malfunction of fire damper
- Air vents in poor condition with damages and significant corrosion
- Poor condition/corrosion/non-watertight closing of cargo hatches' covers
- Non functional fire doors/Fire doors mechanically held in a permanent open position
- Emergency Diesel Generator damage/malfunction
- Fuel Quick Closing Valves' damage/non functionality
- Poor condition/Non functionality of ship's fire pumps (main and emergency) - insufficient pressure allowance by the fire pumps
- Damage/Malfunction of Oil Water Separator
- Lack of proper maintenance/Damage/Malfunction of critical (main and auxiliary) propulsion machinery (e.g. Diesel Generators, Boilers, etc.)
- Crew's lack of familiarity during the performance of abandon ship and fire drills
- Excess of crew members minimum hours of rest
- Substandard accommodation spaces - Lack of required hygiene conditions
- Insufficient/Inadequate catering
- Ship's manning below the specified in Minimum Safe Manning Document
- Degraded fire-fighting equipment (holes in fire hoses, main fire line with strong corrosion / leakage points, non-operational fire detection system, inadequately maintained personal fire fighting equipment, etc)
- Critical navigation equipment necessary to ensure the safety of navigation non functional
- Necessary updated navigation charts and relevant notices to mariners missing

2. PSC – Fire Safety

- Part I
 - *Fire Safety and Regulations*
- Part II
 - *Actions to prevent detention*
 - *Fire dampers*
 - *Emergency fire pump*
 - *Fire doors*

- *Remote Means of control (opening, pumps) Machinery spaces/Quick closing valves*
- *Fire main and International shore-connection*
- *Fireman's outfit*
- *Fire detection*
- *Fire pumps and its pipes*
- *Division - decks, bulkheads and penetrations*
- *Emergency Escape Breathing Device and disposition*
- *Fixed fire extinguishing installation and Operation of Fire protection systems*

- Part III
 - *Fire Risk and Prevention*
 - *Oil accumulation in engine room*

3. PSC – Life Saving Appliances and Emergency Systems

- Description and function of Life Boat Release Gear Mechanism
- A sample from frequent PSCs deficiencies per port - discussion for their prevention
- IACS PR-17 : Reporting on deficiencies possibly affecting the implementation of the ISM Code on board during Surveys

4. PSC – Safety of Navigation

- Detentions related to safety of navigation - statistics
- Most frequent findings
- Navigation Inspection preparation
- PSC inspectors behavior and inspection performing approach worldwide
- How to best cope with Inspectors
- Demonstrate proactiveness
- Proof of rectification actions

5. PSC – ISM and ISPS Codes, Maritime Labour Convention

- Introduction to Port State Control
- Port State Control Inspections and common deficiencies - overview
- Behaviour expected by a PSC officer from crew members during an inspection
- ISM Code requirements in relation to PSC
- ISPS Code requirements in relation to PSC
- Most common ISM and ISPS deficiencies
- MLC requirements in relation to PSC

6. PSC - Pollution prevention and relevant documents

- Oil Record Book – Part I
- Oil content meter
- Oil Record Book – Part II
- PSC repeated findings associated with MARPOL / trends

7. Lessons learned from vetting inspections for tankers

- VIQ 7 Major changes
- Vetting process
- Human factor
- Oil Majors screening process transformation
- PSC Inspections

8. PSC particularities around the globe and how to deal with them: experience-sharing session

- Preparation is the key to success
- Take advantage of the available data
- Empathise with the PSC officers line of work and know the other team
- Understand the local idiosyncrasies of the country you are at
- Effective communication
- Serious mistakes that must be avoided
- The devil is in the details
- It is possible to make no mistakes and still lose
- Damage control
- Q&A session