



CHIOS NAVIGATION (HELLAS) LTD

Ship Managers

isalos.net – Summer Shipping Seminars

“Port State Control (PSC) Inspections”

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PSC Codification

- Concept of Port State Control was codified in 1982 pursuant to UN Convention on the Law of the Sea
- IMO and ILO international conventions give powers to countries to which ships travel to ensure that those ships do not pose a threat to the safety of the ship, of its crew, or of its the marine environment whilst in their waters

Purpose of Port State Control

- The purpose of PSC is to ***“verify that foreign vessels entering (PSC) waters are in compliance with strict international safety and anti-pollution standards.”***
- ***“The Port State Control objective is to detect and inspect sub-standard ships and to help eliminate the threat they pose to life, property, and the marine environment.”***

Why PSC is important? (1/2)

Licenses to trade provided by:

- Flag state
- Classification society
- P&I insurance
- Charterer (through vetting)
- Coastal state (through PSC)

Port State Control Is the Industry's Policeman

Why PSC is important? (2/2)

PSC RECORDS:

- Used by charterers (brokers and agents)
- Used by media (in case of an accident)
- Used in assessments by flags, insurers and others
- Used as membership criteria by various associations

It is a very important factor that the Company's Management & Safety Procedures are followed in a proper manner.

Function of Port State Control (2/2)

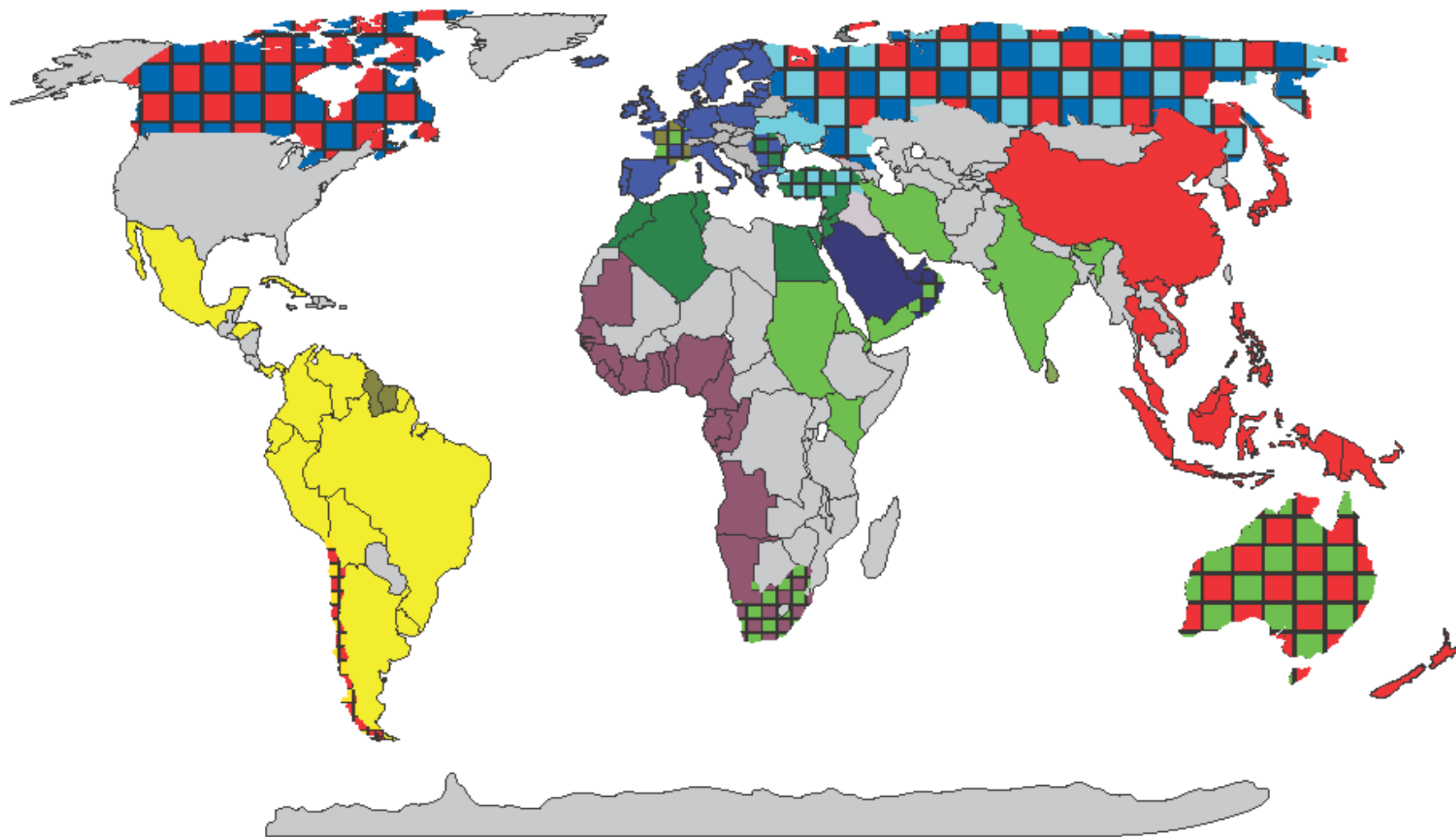
- Ensuring compliance with international rules
- Detaining substandard shipping when warranted
- Implementing a mutual agreed upon minimum # of inspections
- Applying a targeting system when selecting vessels to inspect
- Harmonizing and strengthening PSC procedures as possible
- Providing technical assistance and training where needed

The Organizational Structure of Port State Control

PSC regimes usually (but not always) form within an MOU organizational structure

- Black Sea MOU
- Caribbean MOU
- Indian Ocean MOU
- Mediterranean MOU
- Paris (Atlantic) MOU
- Tokyo (Pacific) MOU
- Vina Del Mar (SA) MOU
- Abuja (Africa) MOU
- Riyadh (Gulf States) MOU





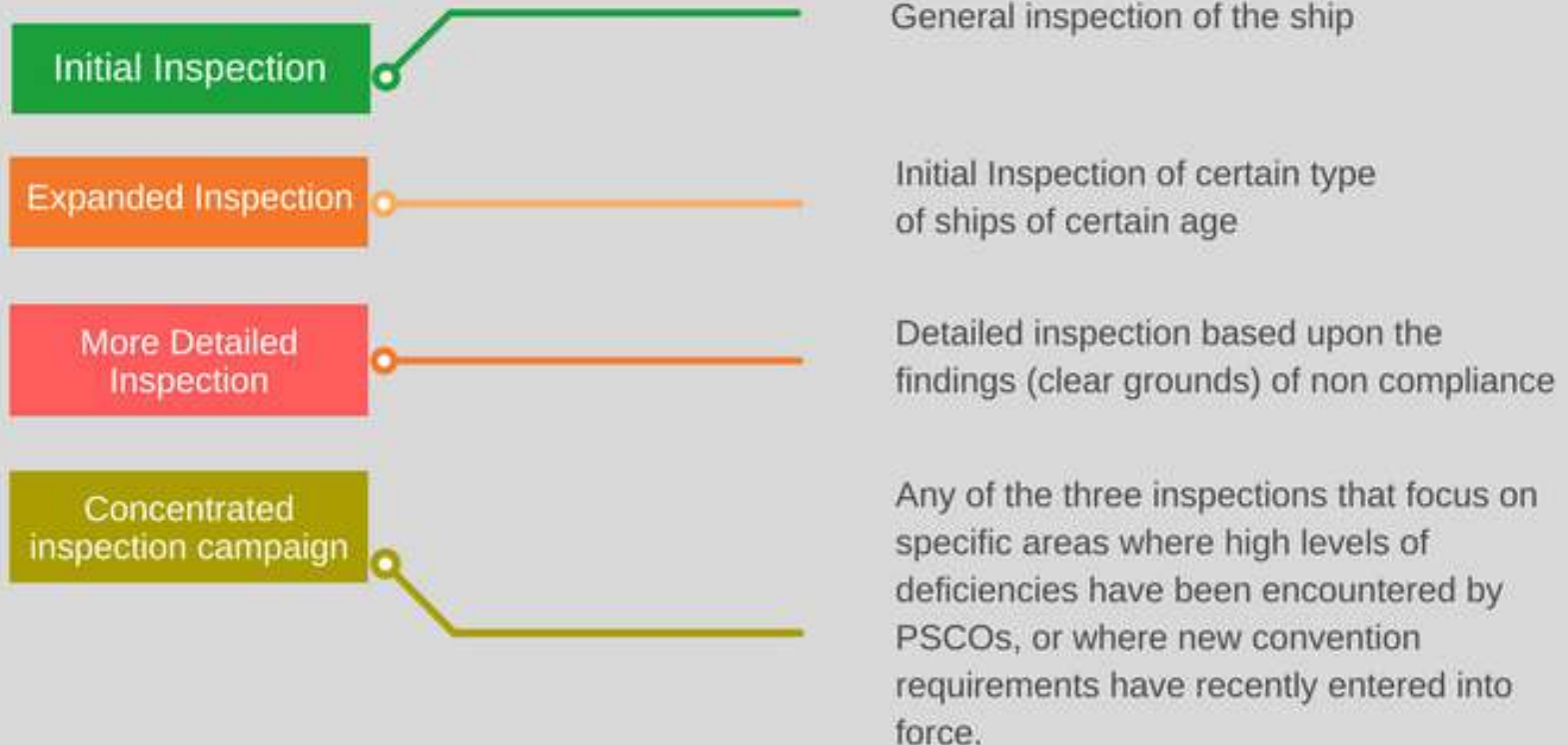
Tokyo MOU
Paris MOU
Abuja MOU

Riyadh MOU
Black Sea MOU
Caribbean MOU

Indian Ocean MOU
Acuerdo Vina del Mar
Mediterranean MOU

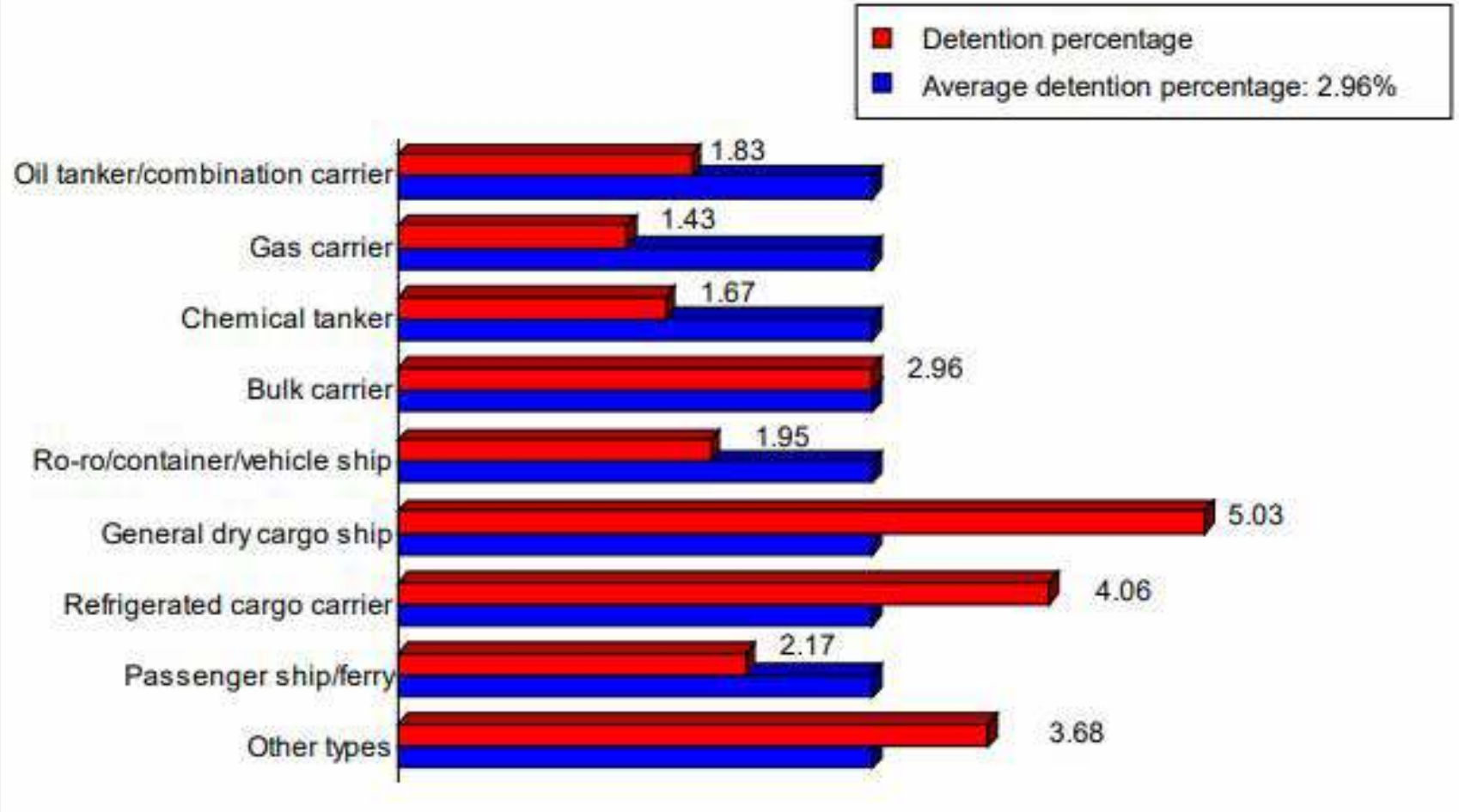
Types of PSC Inspections

Types of Port State Control Inspections



PSC Inspections & Vessel types

Figure 6: DETENTION PER SHIP TYPE



Items to be checked during a PSC Inspection (1/5)

- Vessel's Certificates (Flag, Class, Statutory & Secondary certificates)
- Crew certificates (SBs, Passports, Competency Diplomas, Flag endorsements, etc.)
- Log Book entries (Official Log Book, ORB, BRB, GRB, GMDSS, Gyrocompass Book, Bell Book, etc.)
- Navigation Bridge Inspection
- Accommodation Area Inspection
- Tour on Main Deck

Items to be checked during a PSC Inspection (2/5)

- Engine Room Tour (including the test of various equipment), such as:
 - Bilge Alarms
 - OWS Simulation Test
 - Quick Closing Valves
 - Incinerator Alarms Tests
 - Emcy Steering Gear operation (in association with Nav. Bridge)
 - Clean & Tidy E/R

HOT ITEMS during a PSC Inspection (3/5)

- Emergency Fire Pump operation (with two hoses - one on Nav. Bridge and one Fwd.)
- Emergency D/G operation (black out simulation test)
- Quick Closing Valves (no wooden chocks or blocked by other means)
- OWS 15ppm / 0ppm demonstration
- Bilge Alarms

HOT ITEMS during a PSC Inspection (4/5)

- FFLB/Lifeboat Engine Test
- FFLB/Lifeboat Release Mechanism arrangement as per maker's manual
- RB Engine Test
- RB "Dead Ship" Davit operation
- Passage Plan available in paper SMS form and in ECDIS devices (berth to berth, each leg on separate form)

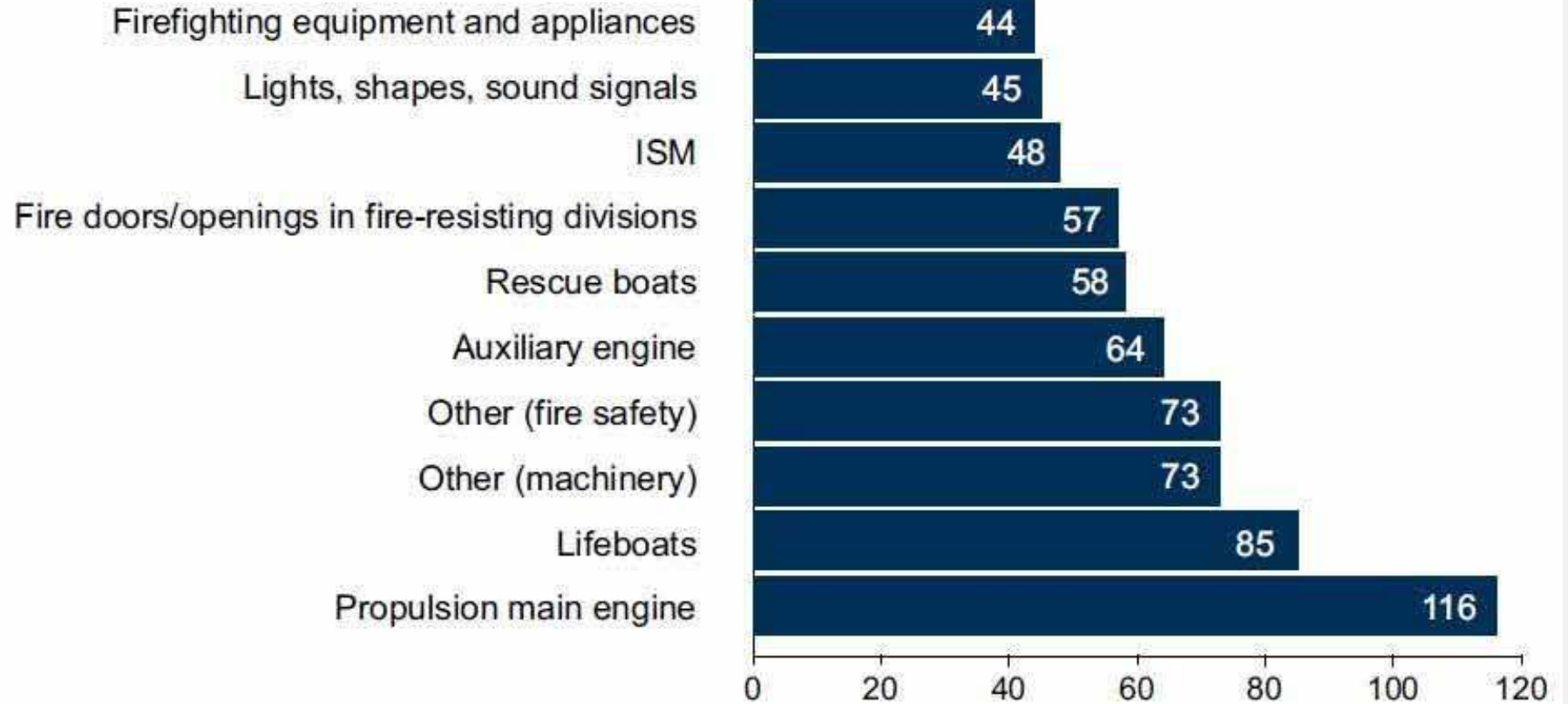
Items to be checked during a PSC Inspection (5/5)

BUT the most important item of the inspection is:

CREW CONDUCT DURING THE INSPECTION

DO NOT LIE!!

PSC Inspection deficiencies/Vessel type





L/Boat Engine failed to start.



Damaged floater in air vents.



Damaged/Holed air damper.



Leaking fire hoses.



Leaking fire line.



Defective/Dirty OWS equipment.



Passage Plan (berth to berth) is missing/incomplete.



Log Book Entries missing/incomplete.



Expired Hand Flares/Pyrotechnics.



Thank you !!

Questions?