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In-Port Detentions

The complexities driven by an ageing fleet

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75k

the number of inspections globally per year

70%

increase in detentions 2021-2025

38%

Deficiencies related to safety equipment, fire safety & LSA

An ageing fleet is operating under increasing pressure…

- 44% of vessels were 25+ years old in 2024 (up from 36% in 2014).
- Maritime casualties rose by 15% in 2024.
- Over half of all accidents involved vessels aged 20+ years.
- 41% involved vessels aged 25+ years.

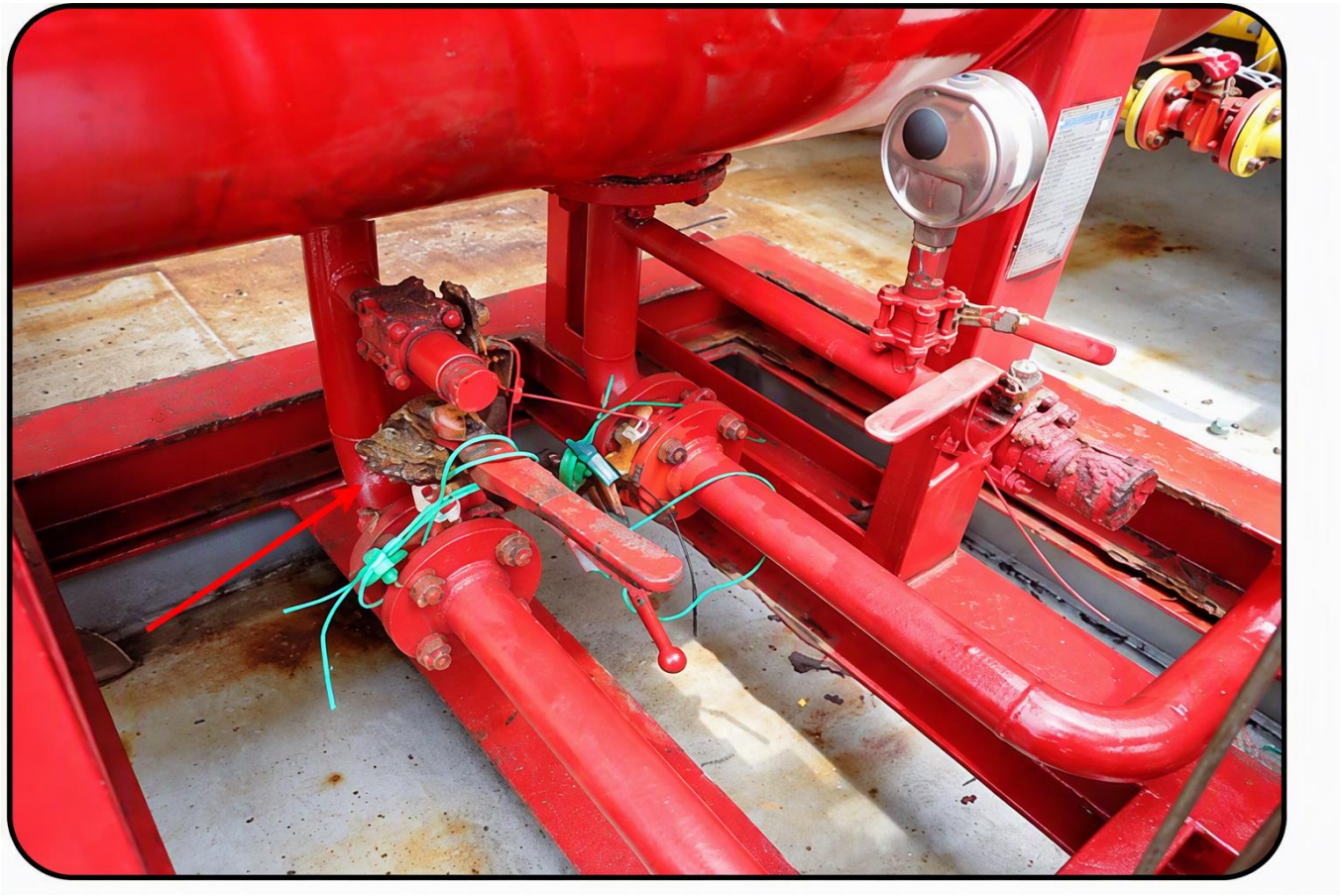


2005	2010	2015	2020	2025	2030	2035
1st July 2006 SOLAS III **1st July 2008** SOLAS III/19.3.3.4	**31st May 2012** MSC.1/Circ.1432 **1st July 2014** MSC.1/Circ. 1392 **8th June 2015** MSC.1/Circ. 1516	**July 2016** SOLAS XI-1/7 **June 2017** MSC.1/Circ. 1578 **17th September 2018** OCIMF (SIRE VIQ 7) **1st July 2019** MSC.1/Circ. 338 (91) **1st January 2020** MSC.402 (96)	**25th May 2021** MSC.1/Circ. 1318 Rev. 1 **1st February 2023** RISQ 3.0 **25th August 2024** MED directive EU 2022/1157	**1st January 2026** MSC.532 (107)	**1st January 2029** MSC.535 (109) **31st December 2030** (EU) 2025/1988	**23rd October 2035** (EU) 2025/1988

Fire Safety Systems – detention reasons



- Defective fire-system release mechanisms



Deck Foam system inlet valve in wrong position and rusty

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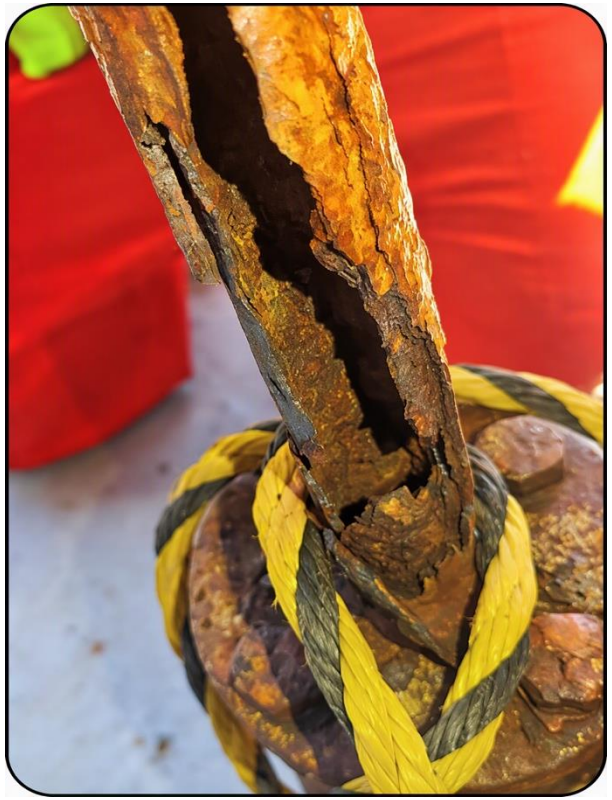
Fire Safety Systems – detention reasons



- Leaking, isolated or corroded fire-system pipework



Top of a Foam Tank



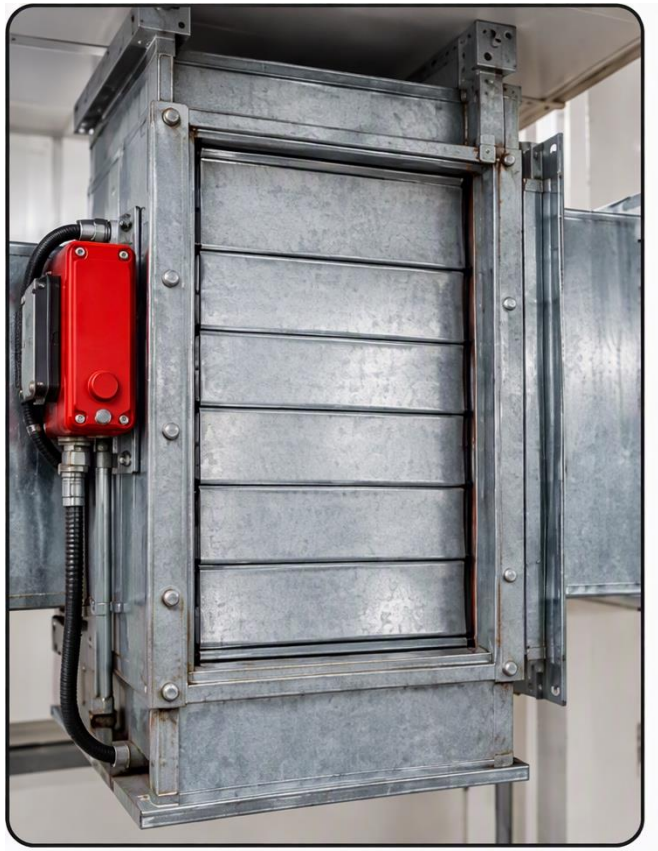
CO2 HP discharge piping

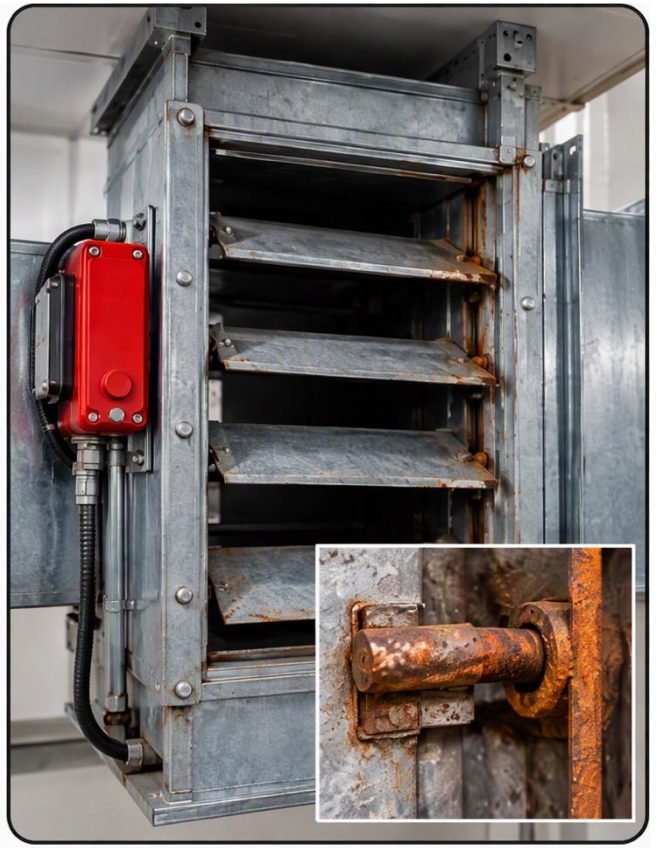
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Fire Safety Systems – detention reasons



- Defective safety interlocks or automatic shutdown functions





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Fire Safety Systems – detention reasons









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What you can see… and what you can't!!





Protective cap left in place after installation of a new valve between the foam pump and foam proportioner.



Blocked Water Mist Nozzle by paint



Corrosion inside a Fire Extinguisher

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What you can see…
and what you can't!!





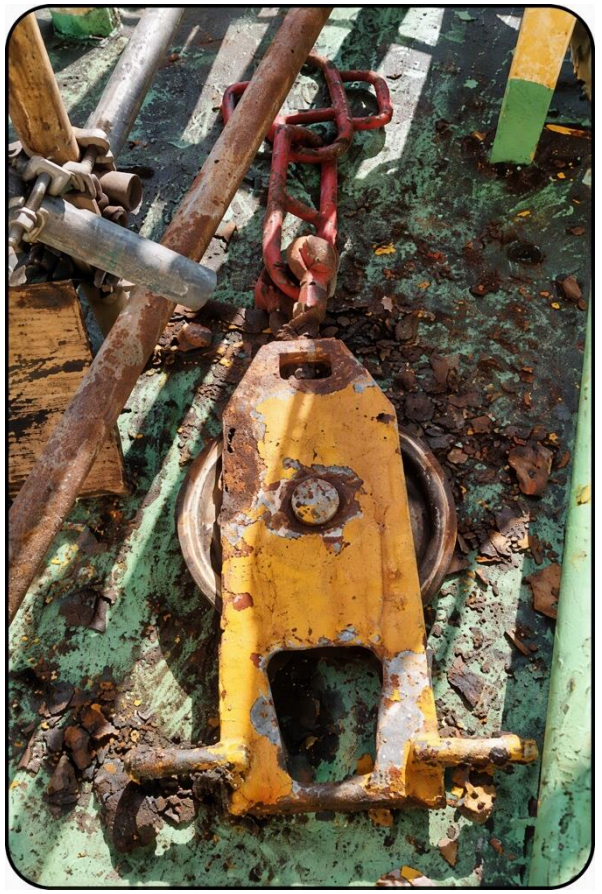
Deck Foam system before Proportioner (mixer)



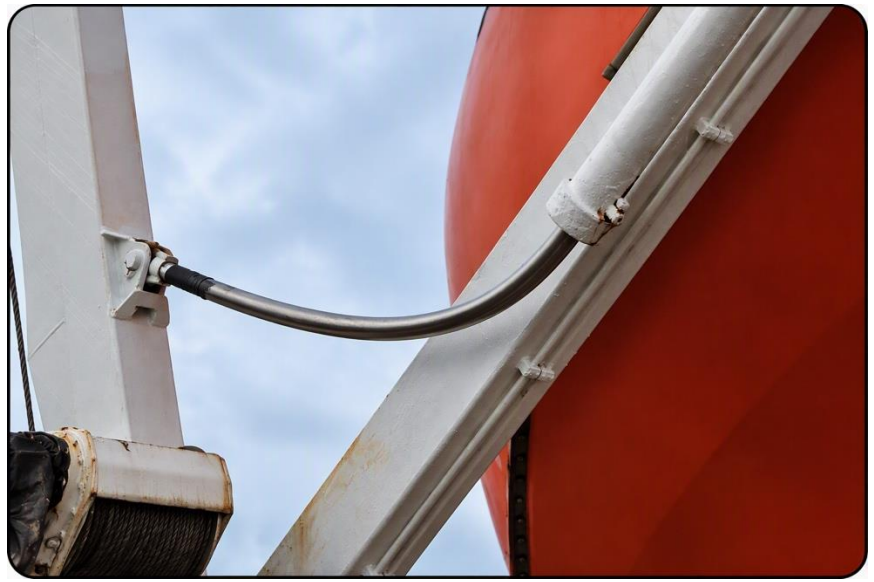
CO2 Manifold filled with water

Life-Saving Appliances – detention reasons

- Defective or improperly maintained davits and launching appliances



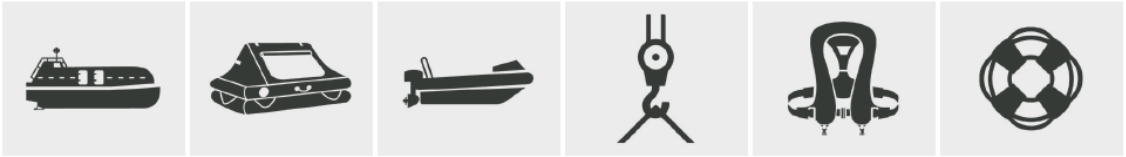
Rusty fall blocks



Bent rod due to contaminated hydraulic oil

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Life-Saving Appliances – detention reasons



- Insufficient, missing, or unserviceable Life-Saving Appliances (LSA)



Breathing Air cylinders in a tanker Lifeboat

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Life-Saving Appliances – detention reasons

- Non-compliant or unsafe embarkation arrangements



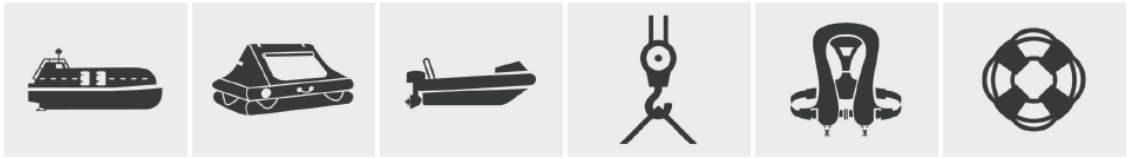
Broken step



Missing step

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Life-Saving Appliances – detention reasons



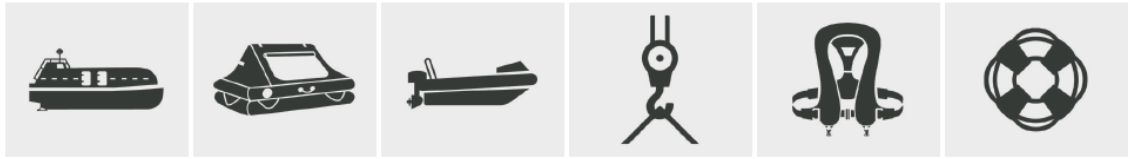






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Life-Saving Appliances – detention reasons



- Insufficient crew familiarisation and ineffective emergency drills



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“

A minor deficiency can become a major financial event, driven by predictable, preventable failures. Yet the greatest risk is not financial but human: failures in safety-critical equipment can place crews in danger and, in extreme cases, cost lives.

”

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The visible repair cost is only part of the impact



Illustrative assumptions

- 20–40 k DWT general cargo vessel (time charter)
- Daily hire rate: USD $10–$18 k
- Detention: 3-7 days (base case: 5 days)

Immediate financial impact

- Off-hire exposure
- Berth, port-service and agency fees
- Repair and compliance costs

Operational impact

- Schedule disruption
- Missed laycan or delayed fixture
- Potential renegotiation or penalties

Longer-term impact

- Reputational and vetting consequences
- Increased inspection frequency
- Pressure on future fixtures

USD $50,000 – $90,000
FIVE DAYS OFF-HIRE ALONE

Proactive safety starts with proactive leadership

- Takes a long-term view of risk and cost
- Lead by example
- Listens to the crew & empowers stop-work decisions
- Sets inspection quality as a business priority
- Promotes a culture of prevention rather than reaction
- Drives continuous improvement



What to expect from your Safety Partner

Choosing the right Safety Partner has a direct impact on the longevity of your fleet…



Perform inspections according to R&R



Highly skilled & trained service technicians

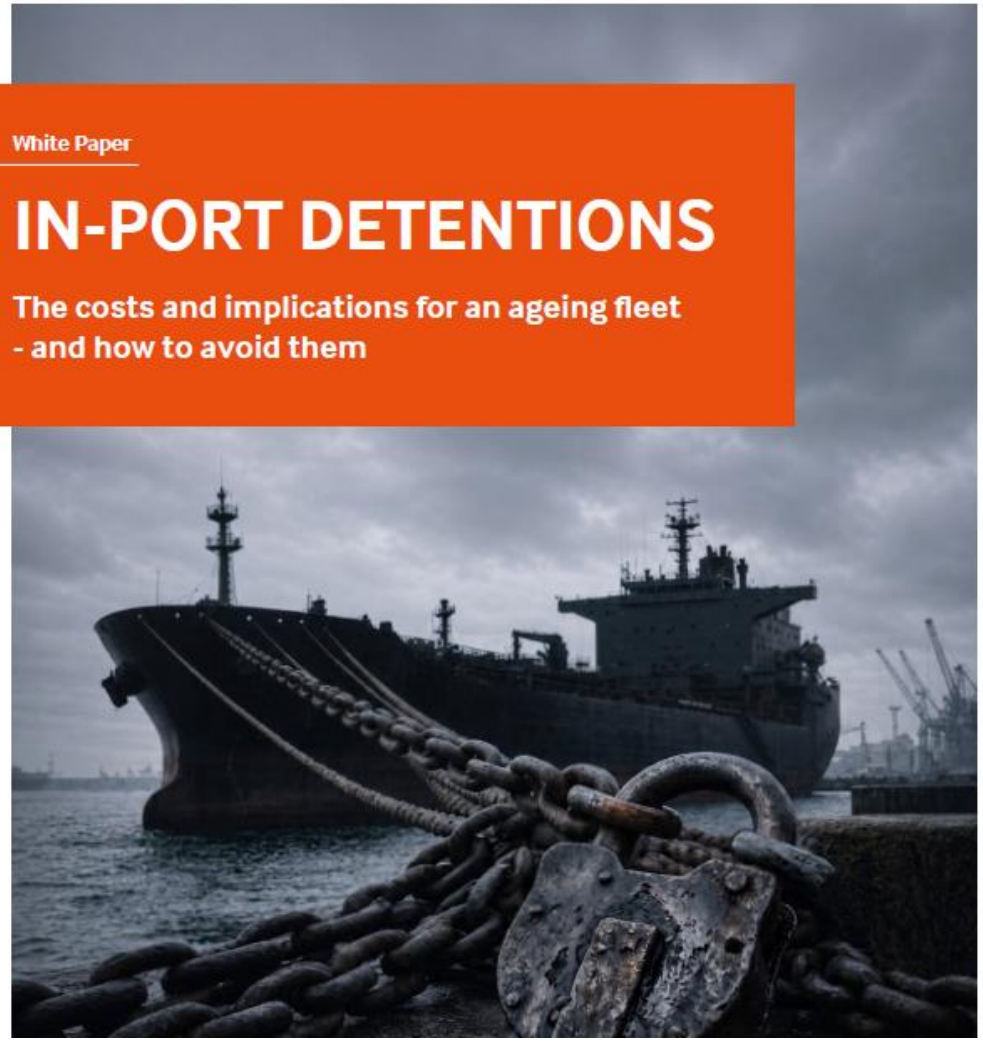


Use of High-Quality Parts & Components



Minimum standards that translate globally

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Reduce the risk of detention.

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