



SIRE 2.0
INSPECTION INSIGHTS FROM
ONBOARD EXPERIENCE
WK 56

MARINER'S
UPDATE
SHIPPING AND SAFETY SOLUTIONS

CREW
VS
SIRE

WK 56 - SIRE 2.0 :

INSPECTION INSIGHTS FROM ONBOARD EXPERIENCE

Safety briefing completed at the gangway.

Opening meeting conducted in the Master's cabin for around 10 minutes regarding normal inspection expectations and general discussions.

CARGO CONTROL ROOM (CCR)

Inspector was mainly focused on company policies and SMS references showing where procedures are written.

Even if checklists were shown for ongoing practices, the inspector expected every point mentioned in the checklist to be clearly supported in the SMS. After verifying the SMS, he checked the related checklist and then verified the corresponding PMS jobs.

Inspector instructed the C/O to remove all canvas covers from equipment for inspection.

1. What is hazardous energy, company policy and procedure.

He wanted the policy definition, explanation of hazards, and methods to protect against it. Then various checklists under it, followed by Risk Assessment and other related documents. All documents were available, but he pointed out there was no clear policy explaining control and mitigation measures.

2. What is company policy for testing of high level alarm.

3. What is company policy for testing of cargo and ballast valves.
Records for last testing to be shown along with PMS records.

4. What is company policy for changing relief valve settings.
Records for the same to be shown.

5. What is company policy for Ship/Shore Safety Checklist, R checks to be carried out, and who is responsible for carrying out R checks.

6. Enclosed space entry procedure, specifically where the procedure for pre-checks is written.

7. What is company policy for testing high level alarm.

Show records and PMS jobs.

He wanted 5-year testing records for High and Overfill alarms and PMS jobs mentioning testing with liquid arrangement.

Reference made to IGC Code 13.3.5 for new gas tankers.

(Old IGC Code does not mention the same.)

8. LMP – show company policy for retirement of ropes and wires, etc.

9. Procedure for discarding ropes and minimum rope requirement.

10. Show in SMS the Vent Mast protection screen requirement, change interval requirement, and related PMS jobs.

11. Show Ship/Shore Safety Checklist and ensure terminal side also carries out checks.

12. List of ESD points.
Show SMS procedures for ESD testing and procedure for carrying out ESD tests.

13. Manifold valve timing records for closing.
Company procedure mentioning minimum and maximum closing duration.

14. What is company policy for checking ballast and hold space sounding.
Show related records.

15. FGDS testing – random one point tested.



DECK ROUND

- Bridge MOB marker line should be attached to lifebuoy and not on buoyant line.
- Fire hose box checked.
- Check for vent opening and closing status as per port requirements.
- Magnetic compass bubble checked.
- Emergency generator started by junior officer.
- Lifeboat engine and light testing carried out.
- Embarkation ladder inspection including shackle and thimble condition.
- CO2 room inspection and release procedure checked.
- Paint store PPE checked.
- AFT towing wire and reel condition checked.
- Mooring winch checked.
- Status of bulkhead valve checked.
- MARVS seal and proper setting checked.
- FPK store inspection and bilge alarm checked.
- Emergency fire pump tested along with pressure verification.
- Compressor room entry and leak checks carried out.
- Motor room checked for seal leakage.
- Emergency shower checked.



DECK CREW

Crew members were called individually to CCR.

Questions asked:

- Location of ESD points and how to activate them.
- Under which conditions ESD should be activated.
- How to test inflatable life jackets and different methods of inflation.
- When to use normal life jackets and inflatable life jackets.

MAIN TAKEAWAYS FROM THE INSPECTION

The inspection clearly demonstrated that under SIRE 2.0:

- Practical operation alone is not sufficient.
- Every activity must be traceable through:
 - SMS procedures
 - Company policies
 - PMS records
 - Crew familiarity and understanding



Inspectors are increasingly verifying whether vessel practices are fully aligned with documented company procedures and whether crew can confidently explain the reasoning behind operational actions.

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SIRE 2.0



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11. Ship staff participation
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