

# Guidance to SIRE 2.0 Key Points

Ref: 027

## 2.4.1 Defect reporting system (Observed in Trial Inspection) / TMSA 4.1.2

**2.4.1. Were the senior officers familiar with the company procedure for reporting defects to vessel structure, machinery and equipment to shore-based management through the company defect reporting system and was evidence available to demonstrate that all defects had been reported accordingly?**

### Short Question Text

Defect reporting system

### Vessel Types

Oil, Chemical, LPG, LNG

### ROVIQ Sequence

Documentation, Chief Engineer's Office, Anywhere

### Publications

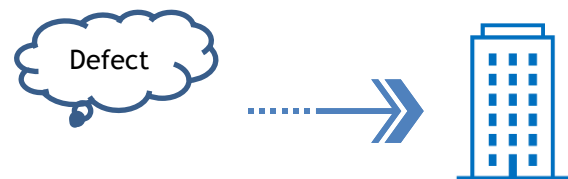
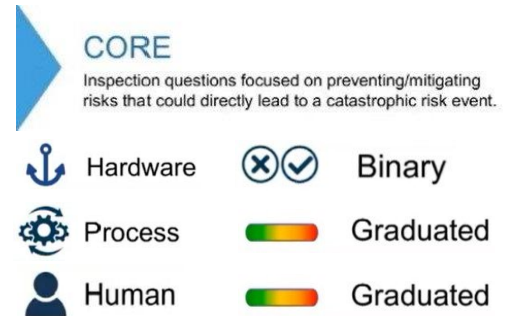
IACS: A Guide to Managing Maintenance in accordance with the requirements of the ISM Code.

IMO: ISM Code

IACS: Information Paper. Classification societies – what why and how?

### Objective

To ensure that defects to vessel structure, machinery and equipment are documented and reviewed by management.



Following Positive Observation was issued in trial inspection (Chevron).

**They were listing defects for awareness sake, not just when defects had occurred but also tracking them until the issue (such as landing decommissioned hoses) had been completed.**

Human



Following Negative Observation was issued in trial inspection (Chevron).

**The cosmetic appearance was needing improvement was an outstanding defect in their system. Started, not yet completed. Decommissioned Framo hoses were set aside and marked as such, awaiting a suitable port for loading.**

Process Human

### Potential Grounds for a Negative Observation

- There was no defect reporting system.
- There was no company procedure for managing defects to vessel structure, machinery and equipment through the defect reporting system.
- The accompanying senior officer was unfamiliar with the company defect reporting procedure.
- Defects entered in the defect reporting system had not been acknowledged by shore management.
- Defects were evident onboard the vessel during the inspection that were required to be entered in the defect reporting system but were not.
  - In such cases identify the defective equipment in the negative observation module of the Hardware response tool.
  - Such observation should be limited to items listed on the supplements to the statutory certification or subject to class survey.
- Defects which had either caused an incident or were caused by an incident that had not been reported through the company incident reporting system for further investigation.

Process

Human

Process

Hardware

Where defects were properly recorded in the defect reporting system and acknowledged by shore management such defects should not result in a negative observation under this question.