

Deficiency 1

Deficiency: Location of emergency installations. Not as required.

Root Cause: Design or engineering defect The in-use emergency stop switches did not comply with requirements for electrical switch boxes installed on weather decks exposed to marine environment.

Corrective action: New weathertight IP67 rating electrical emergency stop switch boxes, along with newly fabricated outer protection steel boxes, have been installed at the port and starboard bunker stations, meeting the approval of the attending Class surveyor.

Preventive action: Ship Staff advised to fortify their inspection regime and diligently carry out the checks as per CLE 08 - Inactive Function tests, and rectify faults if any immediately.

Deficiency 2

Deficiency: The loading computer used for Stability Calculation was not approved by the RO.

Root Cause: Work negligence for chief mate installed the loading computer device software to another computer in addition to the specified loading computer.

Corrective action: 1. Master explain the use rule for the loading computer for all officer to ship's officer 2. Marked with word-no using for the loading computer by the work computer as per PSC advice. 1. Ensure all the officer special C/O understand the rule for the loading computer.

Preventive action: 1. Master enhance supervision and training, supervise the officer follow the order as per SMS procedure. 2. Circulate to the fleet and require all ship Master checking and take action in order to avoid the similar defect recurrence.

Deficiency 3

Deficiency: Alarms/Emergency Signal - At the engine room, Four light alarms signal columns, Found with one light not working each one.

Root Cause: Maintenance planning and weekly routine was not carried out by person in charge

Corrective action: Replaced all busted bulbs and rechecked all the other light alarms signal column.

Preventive action: 1. Educate the crew to test the lights alarm signal column in every patrol and inspection in E/R. 2. Person in charge make the plan inspection.