

Ship Name: **SIGMA PIONEER**

Ship Type: **Bulk Carrier**

Flag: **Marshall Islands**

IMO Number: **9543249**

Date of Action: **12/26/2024**

Action Taken: **Detention**

Port: **Wilmington, North Carolina**

Unit: **Sector North Carolina**

Recognized Org: **Bureau Veritas**

Recognized Security
Organization (RSO):

Recognized Org
(RO) Related: **Class Related**

Relevant Certificates: **SOLAS Cargo Ship Safety Constru**

Organization Related
to Detention: **Bureau Veritas**

Ship Management: Owners, Operators, or Managers
Sigma Shipping Ltd
Pioneer Shipping Ltd

Deficiencies: Code - Category

**15109 - Maintenance of the ship and
equipment**

Description

The company and the ship shall comply with the requirements of the International Safety Management Code. The technical and/or operational nature of deficiencies 02, 03, 04, 05, and 06 provide objective evidence of a serious failure, or lack of effectiveness, of the implementation of the ISM Code. A safety management audit carried out by the Administration or the RO, with a corresponding report of findings satisfactory to the OCMI must be submitted prior to clearance of this deficiency and release from detention.

**07126 - Oil accumulation in engine
room**

**Means shall be provided to control leaks of flammable liquids.
PSCO observed incredibly excessive oil leaks/splatter, oil-soaked lagging, and quantities of pooled oil in bilges/catchments throughout the entire engine room, especially on/around the fuel oil purifier room, main diesel engine, auxiliary generators 1/2/3, and incinerator room. More than a dozen 55gal drums and various sized buckets were found filled with oil and exposed, littered across the engine room. Excessive hydraulic oil leaks were also found on the steering gear and power pack for the aft mooring winch.**

**07123 - Operation of Fire protection
systems**

The system should be available for immediate use and capable of continuously supplying water for at least 30 min in order to prevent re-ignition or fire spread within that period of time. PSCO observed the water mist tank supplying the engine room's localized fire extinguishing system empty and out of service with hatch cover removed.

13102 - Auxiliary engine

A main source of electrical power of sufficient capacity to supply all those services mentioned in regulation 40.1.1 shall be provided. This main source of electrical power shall consist of at least two generating sets. PSCO observed auxiliary generators 1 & 3 out of service. Auxiliary generator 2, the only generator operational, was found operating with open covers, no insulation on hot spots, & excessive fuel/oil leaks w/ flywheel valley tray filled with oil.

07106 - Fire detection and alarm system

The following fire protection systems shall be kept in good order so as to ensure their required performance if a fire occurs: fire detection and fire alarm systems. PSCO observed an engine room smoke detector inoperable and covered with a plastic bag. Flame detectors above auxiliary generators 2 & 3 were non-operational when tested.

07113 - Fire pumps and its pipes

Fire protection systems and fire-fighting systems and appliances shall be maintained ready for use. PSCO observed the #1 engine room fire pump excessively leaking water and unable to maintain satisfactory pressure. Also, a temporary pipe patch was found on the system with a significant leak into the bilge.

07105 - Fire doors/openings in fire-resisting division

Doors required to be self-closing shall not be fitted with holdback hooks. However, hold-back arrangements fitted with remote release devices of the fail-safe type may be utilized. The self-closing A-0 door between the main engine room and fuel oil purifier room was unable to close properly, and 02 self-closing A-0 doors within the galley/mess deck/scullery were held open with hold back devices.

02199 - Other (Structural condition)

Ships shall be designed, constructed and maintained in compliance with the structural, mechanical and electrical requirements of a classification society which is recognized by the Administration in accordance with the provisions of regulation XI-1/1, or with applicable national standards of the Administration which provide an equivalent level of safety. External starboard upper deck accommodation ladder is materially compromised by sheared off bracket pin.