

Ship Name: **FOTU O SAMOA II**

Recognized Org: **Not Classed**

Ship Type: **Passenger Ship**

Recognized Security
Organization (RSO):

Flag: **Samoa**

Recognized Org
(RO) Related: **Not Class Related**

IMO Number: **9220756**

Relevant Certificates:

Date of Action: **11/26/2024**

Action Taken: **Detention**

Organization Related
to Detention:

Port: **American Samoa**

Unit: **Marine Safety Detachment American**

Ship Management: Owners, Operators, or Managers
Samoa Shipping Corp Ltd

Deficiencies: Code - Category

Description

07106 - Fire detection and alarm system

Fixed fire detection and fire alarm systems for periodically unattended machinery spaces. PSCO found the vessels installed fixed fire detection system in the engine room was not operational. The vessel has installed two household style smoke detectors above each main engine.

07109 - Fixed fire extinguishing installation

Machinery spaces of category A containing internal combustion machinery shall be provided with: One of the fire-extinguishing systems required by paragraph 1.1. After review of service certificates for the ships fixed fire extinguishing system PSCO discovered the findings from servicing companies 12SEP2024 report as follows: Cylinders 3 years overdue for hydrotest, Cylinders Low in CO2/Empty and are currently ineffective, hoses not replaced at 10 years and are showing damage and need replaced, alarm switch has been removed and should be reconnected, pin to hold center valve actuator in place is missing and needs to be replaced, blow through of manifold, distribution valve test not completed as no air compressor available on board. During visual inspection of system and piping PSCO observed heavy corrosion to system and piping.

07114 - Remote Means of control (opening,pumps,ventila

Every oil fuel pipe, which, if damaged, would allow oil to escape from a storage, settling or daily service tank situated above the double bottom, shall be fitted with a cock or valve directly on the tank capable of being closed from a safe position outside the space concerned in the event of a fire occurring in the space in which such tanks are situated. PSCO observed crew attempting to operate all five remote fuel shut offs all five failed to operate.

13199 - Other (machinery)

The machinery, boilers and other pressure vessels, associated piping systems and fittings shall be of a design and construction adequate for the service for which they are intended and shall be so installed and protected as to reduce to a minimum any danger to persons on board, due regard being paid to moving parts, hot surfaces and other hazards. During inspection in the vessels engine room PSCO's carbon monoxide detector alarmed alerting to detectable presence of Carbon Monoxide, additionally PSCO observed a cloudy haze in engine room, and identified the distinct smell of engine exhaust, suggesting a significant exhaust leak.

07126 - Oil accumulation in engine room	The machinery, boilers and other pressure vessels, associated piping systems and fittings shall be of a design and construction adequate for the service for which they are intended and shall be so installed and protected as to reduce to a minimum any danger to persons on board, due regard being paid to moving parts, hot surfaces and other hazards. During inspection in the vessels engine room PSCO's carbon monoxide detector alarmed alerting to detectable presence of Carbon Monoxide, additionally PSCO observed a cloudy haze in engine room, and identified the distinct smell of engine exhaust, suggesting a significant exhaust leak.
07126 - Oil accumulation in engine room	Where necessary, oil fuel and lubricating oil pipelines shall be screened or otherwise protected to avoid oil spray or oil leaks on to hot surfaces or into air intakes. The PSCO observed oil pooling on the flange of the turbo charger.
07199 - Other (fire safety)	In spaces where penetration of oil products is possible, the surface of insulation shall be impervious to oil or oil vapors. Lagging was missing adjacent to pipe leading to turbo charger resulting in oil accumulation.
07199 - Other (fire safety)	The following basic principles underlie the regulations in this chapter and are embodied in the regulations as appropriate, having regard to the type of ships and the potential fire hazard involved: restricted use of combustible material. The engine room was found to be housing active batteries in wood box fixtures.
07110 - Fire fighting equipment and appliances	Fire hoses shall be of non-perishable material approved by the Administration and shall be of sufficient in length to project a jet of water to any of the spaces in which they may be required to be used. During testing of ships main fire pump PSCO observed one of the two hoses to have 100s of pin hole leaks throughout the length of the hose.
07113 - Fire pumps and its pipes	For ships constructed on or after 1 October 1994, the alternative means to be provided in accordance with the provisions of paragraph 3.3.3 shall be an independently driven, power operated emergency fire pump with its source of power and sea connection located outside the machinery space. PSCO observed vessel has no emergency fire pump on board to test.
09209 - Electrical	All electrical apparatus shall be so constructed and so installed as not to cause injury when handled or touched in a normal manner. There was exposed electrical wiring present in the engine room.
09201 - Ventilation (Working spaces)	Machinery spaces of category A shall be adequately ventilated so as to ensure that when machinery or boilers therein are operated at full power in all weather conditions including heavy weather , an adequate supply of air is maintained to the spaces for the safety and comfort of personal and the operation of machinery. PSCO observed a fan identified by crew as the engine room ventilation fan had been electrically disconnected and not operational.

10109 - Lights, shapes, sound-signals

The lights prescribed in these Rules (Subpart C) shall have an intensity as specified in Annex I to these Rules (33 CFR part 84). When directed to energize navigational lighting PSCO observed multiple navigation lights were not energized.

11108 - Inflatable liferafts

Passenger ships of less than 500 gross tonnage where the total number of persons on board is less than 200 may comply with the following: They shall carry on each side of the ship inflatable or rigid liferafts of such aggregate capacity as to accommodate the total number of person on board. Unless arrangements allow for easy side to side transfer, additional liferafts shall be provided so that the total capacity available on each side shall accommodate 150% of total number of persons onboard. The PSCO observed that the vessel was issued a Passenger Ship Safety Certificate back in May of 2024 which authorized the carriage of 100 adult passengers and 20 child passengers, and a minimum safe manning document requiring a crew of 10 . However, the vessel only has two 25 person liferafts, one on port and one on starboard.