

Alternative Compliance and Safety Agreement
for H & G Trawl & Longline Vessels

G. Machinery Maintenance, Inspection, and Testing

Analysis: These standards require a preventative maintenance program (including record maintenance) for a vessel's propulsion, generator, and auxiliary equipment. It also includes the implementation of certain fire hazard countermeasures. These maintenance and material requirements, enhanced by annual review and fire safety surveys, substantially upgrade the reliability and safe operation of the machinery plants and auxiliary systems.

1. Machinery Maintenance: The material, design, construction, workmanship and arrangement of main propulsion and electrical generation machinery and of each auxiliary, directly connected to the engines and supplied as such, shall be maintained to the regularly scheduled preventative maintenance standards as established by the manufacture or the manufacture's authorized representative. A Machinery Inspection and Testing Guidebook will be developed for vessel owners, Coast Guard marine inspectors, accepted organizations, and accredited marine surveyors of an approved 3rd party organization to utilize.

2. Fuel Systems

a. All hoses carrying oil (fuel oil, lube oil, or hydraulic oil systems) located in the engine room shall be fire resistant and shall comply with J-1942 standards. This would exclude the use of push lock fittings and hoses on these systems.

b. Where fuel level gauges are used on a metal tank, the flanges to which gauge fittings are attached must be welded or brazed to the tank. Tubular gauge glasses, if fitted to diesel fuel tanks, must be of heat resistant materials, adequately protected from mechanical damage, and provided at the tank connections with devices that will automatically close in the event of rupture of the gauge or gauge lines.

3. Guards and Exposed Hazards - Each exhaust pipe within 15 feet of fuel, lube, or hydraulic oil sources, must be insulated or otherwise guarded to prevent ignition.

4. Examination of Records and Tests - At each annual inspection for continuation in this program, the Coast Guard, accepted organizations, or an accredited marine surveyor of an approved 3rd party organization may review preventative maintenance records, may conduct such tests and inspections of the main propulsion and electrical generation machinery, and of each auxiliary and of its associated equipment, as they feel necessary to ensure safe operation.

a. In general, this examination should not be more thorough than that required for a mid-term examination of an inspected vessel vice an inspection for certification

5. Fire Safety Hazard Survey - At each annual inspection, the Coast Guard, accepted organizations, or an accredited marine surveyor of an approved 3rd party organization and the vessel representative shall conduct a fire safety hazard survey of the engine spaces to identify and remedy any additional fire safety hazards which may exist, but are not specifically identified in the ACSA program.