

Sector Houston Galveston - TOP UTV Discrepancies Identified

1. INGRESS OF WATER – STRUCTURAL INTEGRITY

- a. Hull integrity is normally a major issue in the aftermost section of the engine room and in the steering compartment IWO the stern area. Major contributions to the wastage are due to the curvature of the hull bottom plate IWO shafts penetrating the hull. This curvature, coupled with prop wash causing cavitations in the stern area results in accelerated corrosion of the bottom plate.
- b. Deteriorated internal framing due to bilges not being cleaned or void areas being exposed to salt water.
- c. Excessive leaking of shaft packing or rudder post housings.

2. FIRE FIGHTING/DETECTION

- a. Fire pumps being inoperative due to lack of maintenance and testing. 46 CFR 27.355 (a)(1)
- b. Fire detectors in the Engine Room are normally painted rendering them inoperative. 46 CFR 27.210
- c. General alarm panel de-energized due to excessive exhaust leaks in the engine room causing a continuous alarm. 46 CFR 27.205
- d. Storage of flammable liquids in the forward holds or in the engine room.
- e. Inoperable emergency fuel shut off
- f. Fire extinguishers inoperable or not present
- g. Crew lacks training on FF equipment

3. ELECTRICAL WIRING

- a. Excessive dead end wires throughout the vessel.
- b. Breaker panels with open breakers or breakers held down to keep them from tripping.
- c. Extension cords in berthing areas spliced into outlets with no junction boxes.

4. POLLUTION / MARPOL

- a. Excessive oil in the bilge being transferred through a hose to a storage drum on the main deck. No fixed means of transferring. 33 CFR 155.410
- b. MSD not properly maintained; corroded storage tank or wasted piping. 33CFR 159.7
- c. Vessels over 300 GT rarely are aware they need a COFR. 33 CFR 138.12

5. MISC/LOGS/CHARTS/PUBLICATIONS

- a. No records of drills. – 46 CFR 27.209
- b. Missing up to date publications / Local Notice to Mariners / Charts, ..etc..33 CFR 164.72
- c. Navigation lights inoperative
- d. Guards on moving machinery missing

6. FAILURE TO HAVE PROPERLY LICENSED MARINERS