



5. Engine room

This photograph shows a group of live wiring located in the engine room of a ship recently surveyed. It is probable that there have been major wiring modifications carried out without Class approval.

(The member was asked to rectify the situation in compliance of Class within a specified time and a follow-up survey carried out as confirmation).

On closer inspection, it can be seen that:

- there are junctions in the wires
- some of the wiring outer covering is damaged and bare wires are showing

It is obvious even to the untrained eye that this wiring is:

- not safe
- a significant electrical and fire hazard
- not in compliance with Class rules
- not in compliance with Flag State rules
- not in compliance with the ISM Code



There is no reason why this situation should have been allowed to continue without being rectified by the company. It is clearly a fire and personnel hazard, obvious to anyone inspecting the engine room.

Surveyor's notes summary

The adherence to basic safety management techniques such as safe tank entry are fundamental to helping personnel stay safe on board. The use of permits to work must be in all safety management systems. Good housekeeping, making sure the ship is clean, tidy, free of residue and water on decks, free of litter and rubbish enhance the safety on board. Maintaining your fire-fighting and life saving appliances is not only a statutory duty, it is common sense. You may need to use them.

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