

- (13) All circuits shall be clearly marked on switch and distribution boards.
- (14) Switches and circuits shall be protected against contamination by sea water or water.
- (15) Cables, except for those used in electronic systems, shall not be more than 3-core.
- (16) Cables shall be of the fire retardant type.
- (17) Electrical equipment or wiring shall not be fitted below the level of the floor plates, except for earthing strips, the connection of underwater equipment or bilge pumps or alarms, unless otherwise approved by the surveyor.
- (18) Cables shall be run in cable trays and secured and protected to the satisfaction of the surveyor. Cables passing through exposed decks, watertight bulkheads and structures shall be fitted with watertight glands.

## **76. Lighting**

- (1) A single hazardous event shall not be capable of disabling all lighting systems
- (2) Lighting circuits shall be distributed through spaces so that a total black out cannot occur due to the failure of a single protective device.
- (3) Where general lighting is provided by a centralised source, an alternative source of lighting shall also be provided sufficient to enable persons to make their way to the open deck or to permit work on essential machinery.
- (4) Emergency lighting shall be provided to illuminate the survival craft launching and embarkation area's and man overboard rescue equipment and rescue areas.