

§ 112.15-5

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- (i) Each power operated watertight door system.
- (j) All shipwide communications systems necessary for the transmittal of information during an emergency.
- (k) Each fire door holding and release system.
- (l) Supply to motor generator or other conversion equipment if a temporary emergency power source of alternating current is necessary for essential communication systems or emergency equipment.
- (m) Each daylight signaling light.
- (n) Each smoke detector system.
- (o) Each electrically controlled or powered ship's whistle.
- (p) Each fire detection system; and gas detection system if installed.
- (q) All lighting relative to helicopter operations and landing if installed, unless provided for by another source of power (such as independent batteries separately charged by solar cells).
- (r) Each general emergency alarm system required by SOLAS 74.

[CGD 74-125A, 47 FR 15267, Apr. 8, 1982, as amended by CGD 94-108, 61 FR 28286, June 4, 1996]

§ 112.15-5 Final emergency loads.

On vessels required to have a final emergency power source by §112.05-5(a) of this chapter, the following emergency lighting and power loads must be arranged so that they can be energized from the final emergency power source:

- (a) Each load under §112.15-1.
- (b) The machinery, controls, and alarms for each passenger elevator.
- (c) Each charging panel for:
 - (1) Temporary emergency batteries;
 - (2) Starting batteries for diesel engines or gas turbines that drive emergency generators; and
 - (3) General alarm batteries.
- (d) One of the bilge pumps, if the emergency power source is its source of power to meet Part 56 of this chapter.
- (e) One of the fire pumps, if the emergency power source is its source of power to meet the requirements of the subchapter under which the vessel is certificated.
- (f) Each sprinkler system, water spray extinguishing system, or foam system pump.
- (g) If necessary, the lube oil pump for each propulsion turbine and reduction

gear, propulsion diesel reduction gear, and ship's service generator turbine which needs external lubrication.

- (h) Each rudder angle indicator.
- (i) Each radio or global maritime distress and safety system (GMDSS) component.
- (j) Each radio direction finder, loran, radar, gyrocompass, depth sounder, global positioning system (GPS), satellite navigation system (SATNAV), speed log, rate-of-turn indicator and propeller pitch indicator.
- (k) Each steering gear feeder, if required by part 58, subpart 58.25, of this chapter.
- (l) Each general emergency alarm flashing light required by §113.25-10 of this chapter.
- (m) Each electric blow-out-preventer control system.
- (n) Any permanently installed diving equipment that is dependent upon the vessel's or drilling unit's power.
- (o) Each emergency generator starting compressor, as allowed by §112.50-7(c)(3)(ii).
- (p) Each steering gear failure alarm required by part 113, subpart 113.43, of this chapter.
- (q) The ballast control system on each column-stabilized mobile offshore drilling unit.
- (r) Each vital system automation load required by part 62 of this chapter.
- (s) Motor-operated valves for each cargo oil and fuel oil system, if the emergency power source is the source of power to meet §56.60(d) of this chapter.
- (t) Each ship's stabilizer wing, unless a separate source of emergency power is supplied.
- (u) Each indicator that shows the position of the stabilizer wings, if the emergency power source is its emergency source of power.
- (v) Each smoke extraction fan (not including smoke detector sampling) and CO₂ exhaust fan for spaces.

[CGD 74-125A, 47 FR 15267, Apr. 8, 1982, as amended by CGD 94-108, 61 FR 28287, June 4, 1996; 61 FR 36787, July 12, 1996]

§ 112.15-10 Loads on systems without a temporary emergency power source.

If there is no temporary emergency power source, the loads under §112.15-1