

SC187 Electric steering gear overload alarm

(May 2004)

(Reg.II-1/30.3)

SOLAS Reg.II-1/30.3

Short circuit protection and an overload alarm be provided for circuits supplying electric or electrohydraulic steering gear motors. Protection against excess current, including starting current, if provided, is required to be for not less than twice the full load current of the motor or circuit so protected, and is to be arranged to permit the passage of the appropriate starting currents.

Interpretation:

Steering gear motor circuits obtaining their power supply via an electronic converter, e.g. for speed control, and which are limited to full load current are exempt from the requirement to provide protection against excess current, including starting current, of not less than twice the full load current of the motor. The required overload alarm is to be set to a value not greater than the **normal load**¹ of the electronic converter.

¹ **Normal load** is the load in normal mode of operation that approximates as close as possible to the most severe conditions of normal use in accordance with the manufacturer s operating instructions.

Note: This UI SC 187 is to be uniformly implemented by IACS Members and Associates from 1 January 2005.

