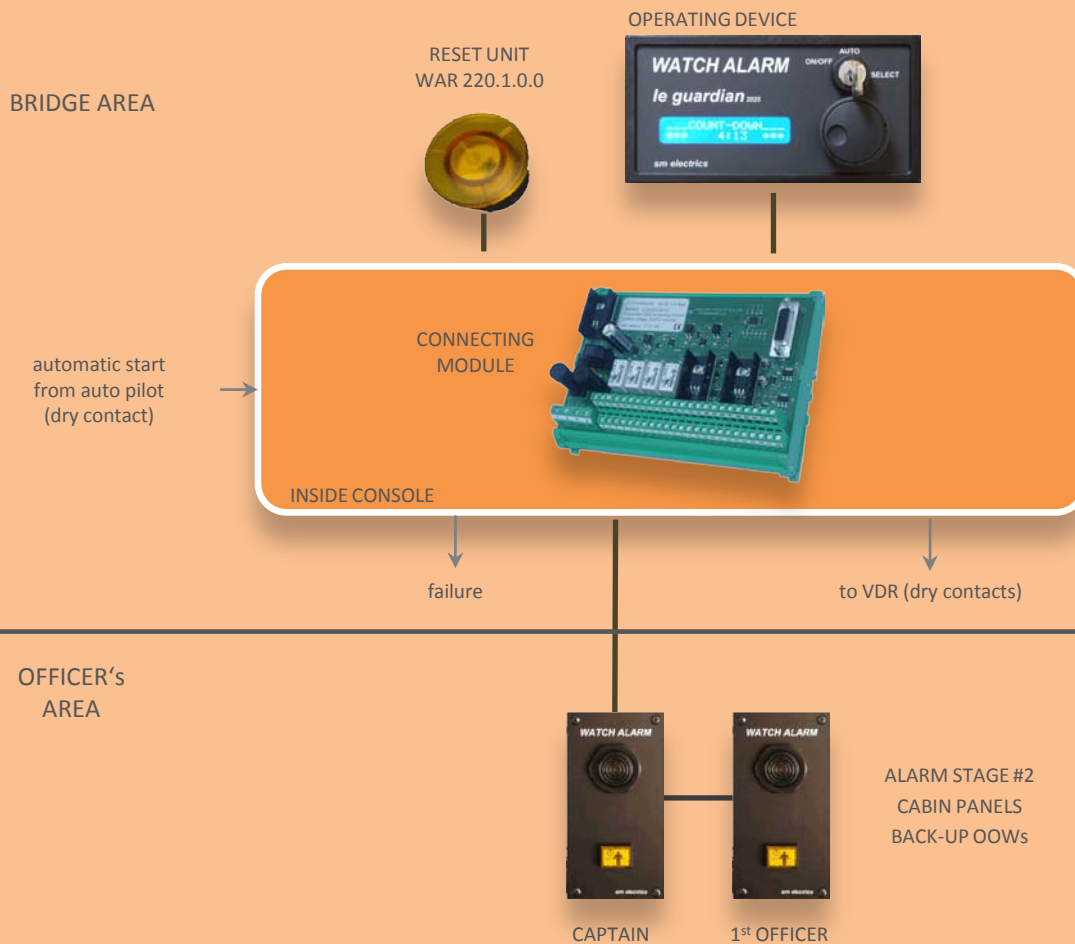


BNWAS le guardian 2025 sample system for small sized vessels

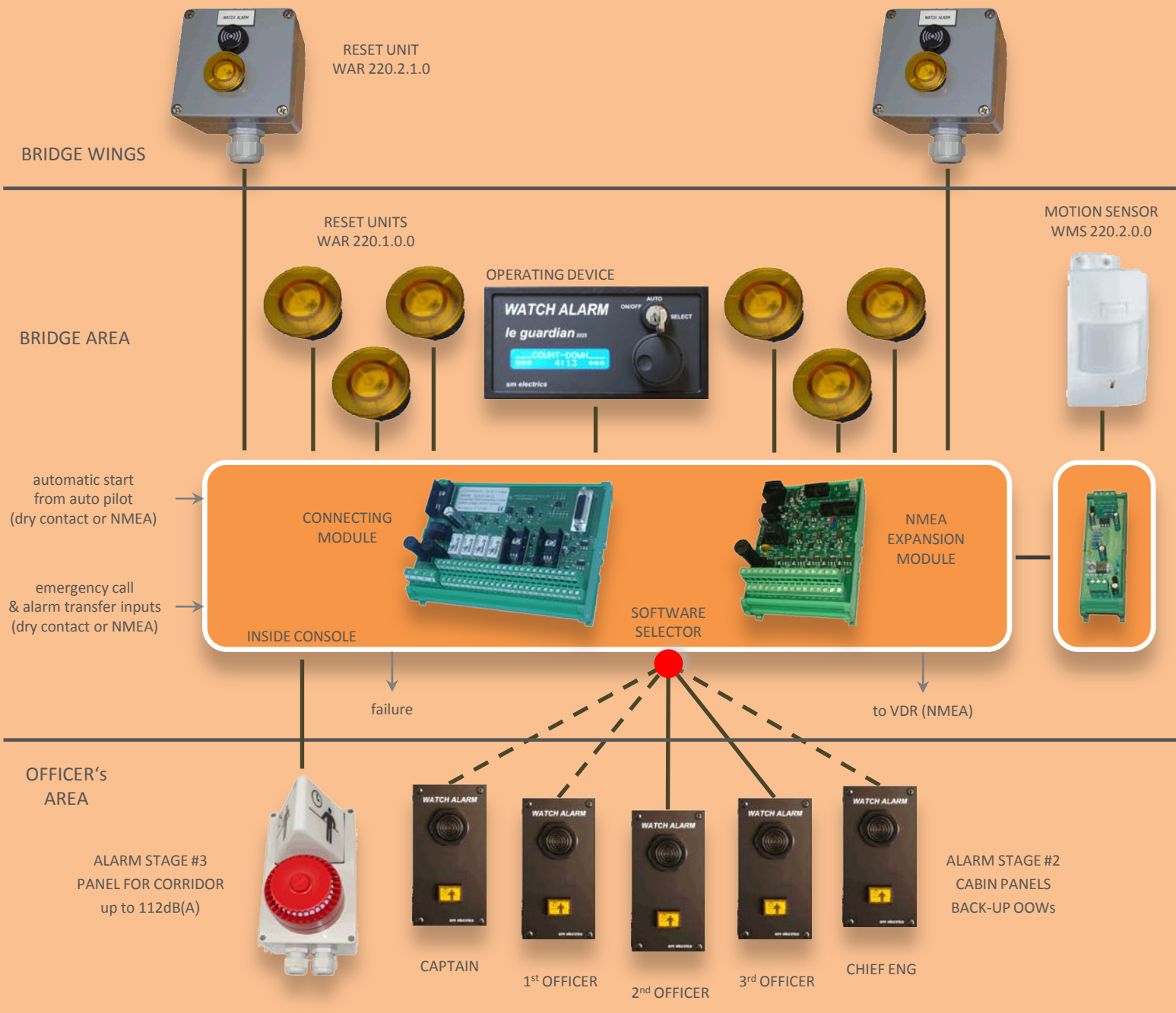


MSC 86 - legal background

A Bridge Navigational Watch Alarm System (BNWAS) has to be installed as follows:

- Ships of 150 gross tonnage and upwards and passenger ships irrespective of size constructed on or after 1st July 2011;
- Passenger ships irrespective of size constructed 1st July 2011, not later than first survey after 1st July 2011;
- Ships of 3,000 gross tonnage and upwards constructed before 1st July 2011, not later than the first survey after 1st July 2012;
- Ships of 500 gross tonnage and upwards but less than 3,000 gross tonnage constructed before 1st July 2011, not later than the first survey after 1st July 2013;
- Ships of 150 gross tonnage and upwards but less than 500 gross tonnage constructed before 1st July 2011, not later than the first survey after 1st July 2014;

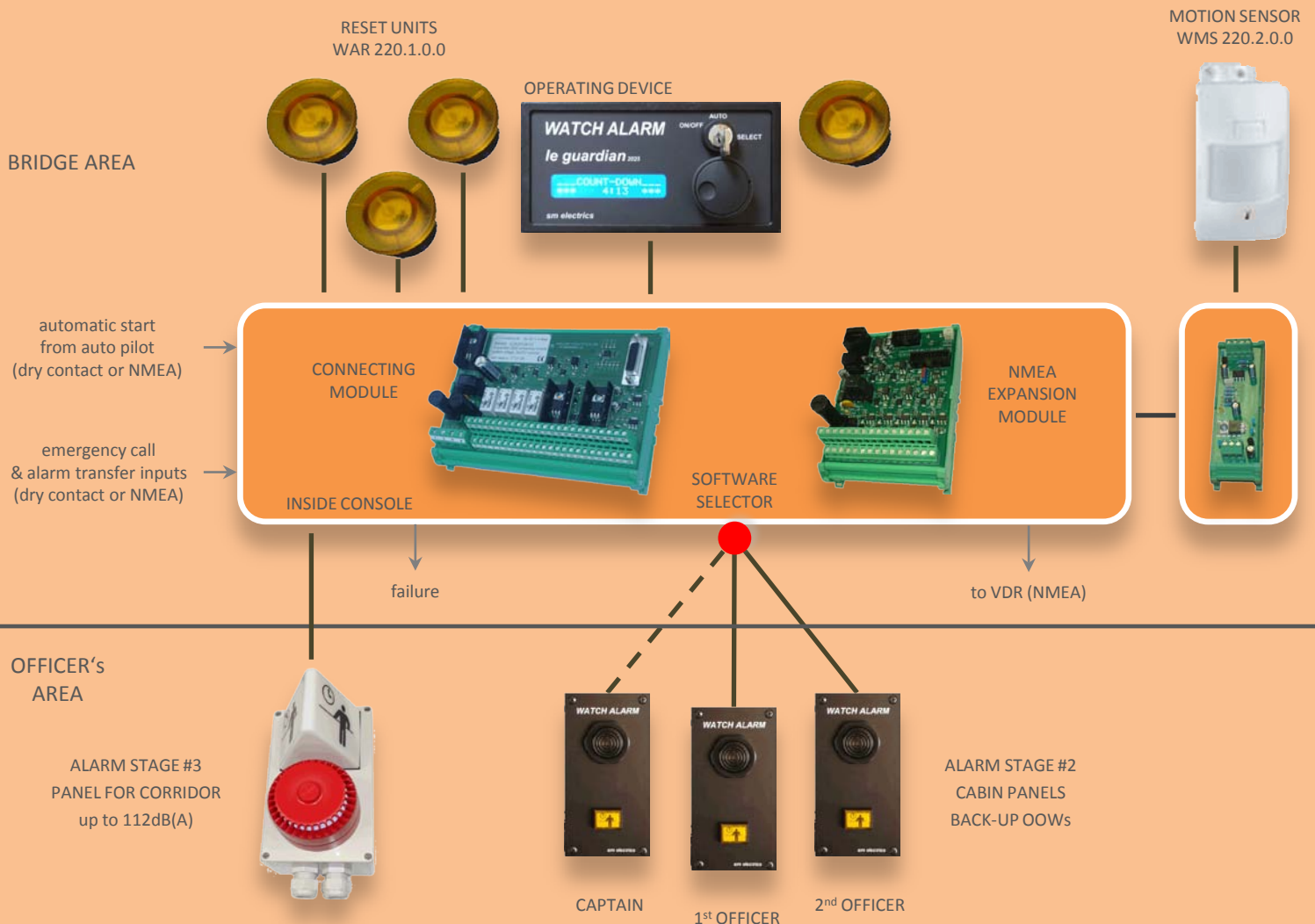
BNWAS le guardian 2025 sample system for very large vessels



SOFTWARE SELECTOR SWITCH FOR STAGE #2 ALARM

- Menu allows Master to select which back-up OOW cabin alarm is active. Individual selection of any 1 cabin or combination of any 1, 2, 3, 4, or 5 cabins is available

BNWAS le guardian 2025 sample system for medium sized vessels



NMEA INTERFACE

- According to NMEA protocol IEC 61162-1 system sends all relevant operating states to the VDR system
- System is able to receive external NMEA commands (reset, start / stop, em'cy call)