



BRIDGE NAVIGATIONAL WATCH ALARM SYSTEM

BR-500



Bridge Navigational Watch Alarm System BR-500

- ▶ Meets the IMO resolution MSC.128(75) for Bridge Navigational Watch Alarm System (BNWAS)
- ▶ Monitors the watch officer's presence for maritime casualty avoidance
- ▶ Transfers an alarm to the backup officer, in the event that the watch officer fails to respond to the active alarm or emergency call

The Bridge Navigational Watch Alarm System BR-500 monitors the watch officer's presence through watch safety system functions. A watch officer is required to operate navigation equipment (e.g. ECDIS, Radar, etc.) or to press the button on a Timer Reset Panel at certain intervals. When the officer fails to press the button within pre-set intervals, visual and audible alarms will be generated in the wheelhouse. If the officer doesn't respond to the alarm, the BR-500 transfers the alarm to the Cabin Panels installed in other sections of the vessel in order to inform backup officers of the watch officer's incapacity.

Implementation schedule of Bridge Navigational Watch Alarm System (BNWAS)

Ships constructed on and after July 1, 2011	<ul style="list-style-type: none"> • All passenger ships • Ships of 150 GT and upwards 	Ships shall be equipped with the BNWAS
Ships constructed before July 1, 2011	<ul style="list-style-type: none"> • All passenger ships • Ships of 3000 GT and upwards 	No later than the first survey after July 1, 2012
	Ships over 500 and under 3000 GT	No later than the first survey after July 1, 2013
	Ships over 150 and under 500 GT	No later than the first survey after July 1, 2014

Power Supply

24 VDC/100-115 VAC/200-230 VAC

Input

- Operator Fitness
- Autopilot Mode
- Backup Navigator
- Motion Sensor
- Serial Port

Output

- System Fail
- Visible Alarm
- Serial Port

EQUIPMENT LIST

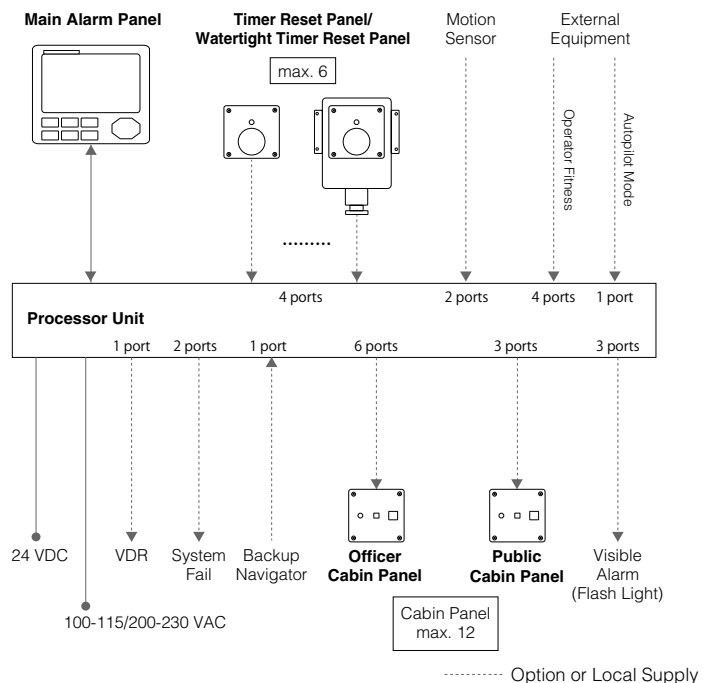
Standard

1	Main Alarm Panel	x1
2	Processor Unit	x1
3	Officer/Public Cabin Panels	x4
4	Timer Reset Panels	x2
5	Watertight Timer Reset Panels	x2
6	Installation Materials and Spare Parts	

Option

- Motion Sensor
- Flash Beacon

INTERCONNECTION DIAGRAM



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DESIGN AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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