

BRIDGE NAVIGATIONAL WATCH ALARM SYSTEM

Check List

Vessel Information:

Vessel Name: _____
 Type: _____
 Length: _____
 Registry: _____
 GT: _____

This checklist is intended to provide customers and dealers fitting Bridge Navigation Watch Alarm Systems (BNWAS) with a handy, concise document to list system components and proposed bridge layout. The Furuno BR500 Bridge Navigation Watch Alarm System (BNWAS) consists of the following standard-supply items:

- BR510 Main Alarm Panel
- BR520 Processor Unit
- 10-Meter interconnect cable (P/N 001-115-210)

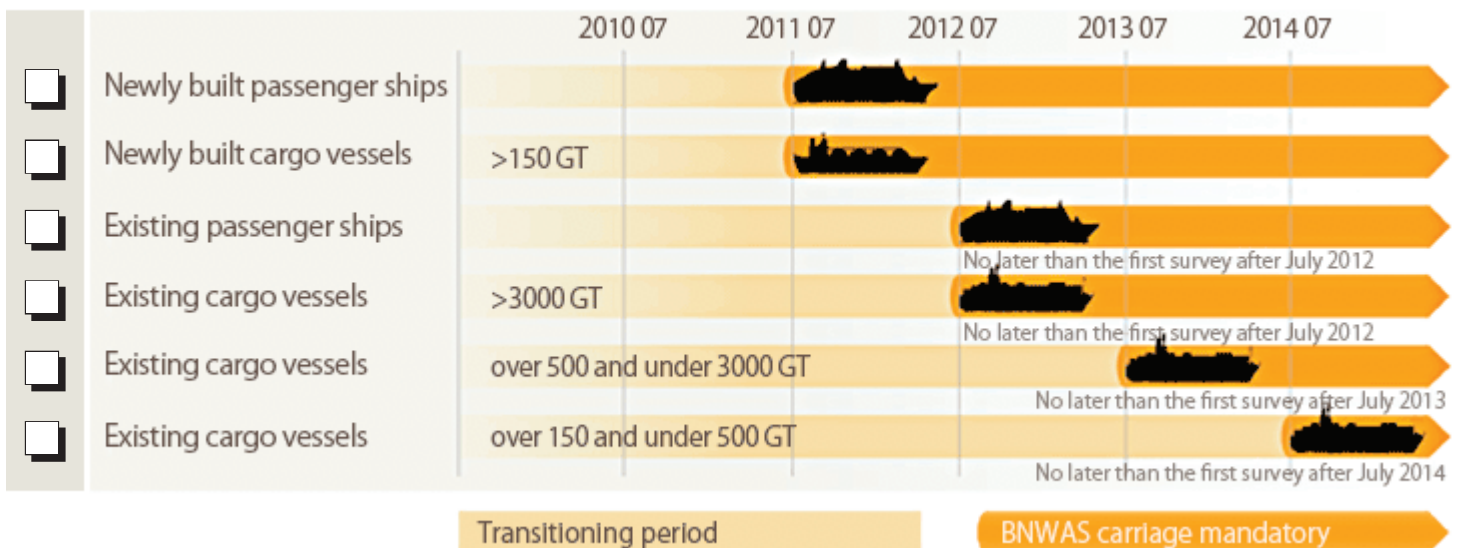


IMO regulation MSC128(75) mandates the following bridge alarm reset facilities:






“5.1.4 Reset facilities: Means of activating the reset function should only be available in positions on the bridge giving proper look out and preferably adjacent to visual indications. Means of activating the reset function should be easily accessible from the conning position, the workstation for navigating and maneuvering, the workstation for monitoring and the bridge wings.”

The vessel owner/operator should choose from the range of options on the following page to create a BNWAS configuration appropriate to vessel size, layout, bridge management scheme and class requirements.






Implementation schedule of Bridge Navigational Watch Alarm System (BNWAS)



[Note: Furuno USA has no authority to interpret regulations or predict class requirements. We recommend consultation with class experts to clarify BNWAS requirements specific to class, vessel particulars and management scheme.]

1. BR530 Timer Reset Panel	Location	QTY	
<p>MSC.128(75) 5.1.4: Means of activating the reset function should only be available in positions on the bridge giving proper lookout and preferably adjacent visual indications. Means of activating the reset function should be accessible from the Conning Position, Navigation Workstation, and Bridge Wings. <i>Required Option.</i></p>	_____	_____	
	_____	_____	
	_____	_____	
	_____	_____	
	Total	_____	_____
2. BR550 Watertight Timer Reset Panel	Location	QTY	
<p>MSC.128(75) 5.1.4: Means of activating the reset function should only be available in positions on the bridge giving proper lookout and preferably adjacent visual indications. <i>Open Bridge Wings require waterproof reset panels. Required Option.</i></p>	_____	_____	
	_____	_____	
	_____	_____	
	_____	_____	
	Total	_____	_____
3. BR540 Cabin Panel	Location	QTY	
<p>MSC.128(75) 5.2.4: The remote audible alarm which sounds at the locations of the Master, Officer and other crew members capable of taking corrective action should be easily identifiable by its sound and should indicate urgency. The volume of this alarm should be sufficient for it to be heard throughout the locations above and to wake sleeping persons. <i>Required Option, max 6.</i></p>	_____	_____	
	_____	_____	
	_____	_____	
	_____	_____	
	Total	_____	_____
4. BR560 Motion Detector	Location	QTY	
<p>MSC.128(75) 4.1.3: The optional BR560 Motion Detector automatically resets the timer when it detects human motion within its field of view. Motion detectors can be installed in operational positions on the bridge where the OOW may reasonably be expected to be stationed. <i>When installed overhead at a height of 3 meters, the BR560 covers a circular area approximately 5 meters in diameter.</i></p>	_____	_____	
	_____	_____	
	_____	_____	
	_____	_____	
	Total	_____	_____
5. BR570 Flash Beacon	Location	QTY	
<p>MSC.128(75) 5.2.2: The visual indication initiated at the end of the dormant period should take the form of a flashing indicator. Flashing indications should be visible from all operational positions on the bridge where the OOW may reasonably be expected to be stationed. <i>Required Option.</i></p>	_____	_____	
	_____	_____	
	_____	_____	
	_____	_____	
	Total	_____	_____

Sample Bridge layout with component placement:

-  BR510 Main Panel
-  BR530 Timer Reset
-  BR550 Watertight Reset Panel
-  BR560 Motion Detector
-  BR570 Flash Beacon

