

# Navigational and Bridge Alarms

## Bridge Navigational Watch Alarm System &ndash; BNWAS

The purpose of a bridge navigational watch alarm system (BNWAS) is to monitor bridge activity and detect operator disability which could lead to marine accidents.

The system monitors the awareness of the Officer of the Watch (OOW) and automatically alerts the Master or another qualified OOW if for any reason the OOW becomes incapable of performing the OOW's duties.

This purpose is achieved by a series of indications and alarms to alert first the OOW and, if he is not responding, then to alert the Master or another qualified OOW. Additionally, the BNWAS may provide the OOW with a means of calling for immediate assistance if required.

The BNWAS should be operational whenever the ship's heading or track control system is engaged, unless inhibited by the Master.

### Literature

Martechnic Hellas launched this smart BNWAS modular system, to adapt any vessel size, from small to large and demanding configurations.

Find the IMO Legislation and the BNWAS system description, in this slides presentation:

[Read more here...](#)

IMO's performance standard for Bridge Navigational Watch Alarm Systems &ndash; BNWAS is published in document MSC 128(75).

## BNWAS System by Martechnic Hellas

Martechnic Hellas launched a smart BNWAS modular system, to adapt any vessel size, from small and medium, up to large and demanding configurations. For that purpose a rich set of accessories and system extensions is readily available.

Use the BNWAS Configurator and Pricing worksheet, to build&ndash;up the system covering your needs.