Bridge Watch BW-800

BRIDGE WATCH MODE

0575/13

SELECT MODE

MANUAL

AUTO

TIMER

min.

SET

Bridge Watch ACTIVE

Bridge Watch STANDBY

Bridge Watch MALFUNCTION

ON

ALARM STAGE

Visual alarm
Audio alarm 1
Audio alarm 2
Audio alarm 3

RESET
Push to reset

Bridge Navigational Watch Alarm System BNWAS BW-800

Daniamant design and manufacture all of our products in line with the relevant worldwide approvals, technical specifications, current legislation and International directives.

Our mission is to achieve World class performance through partnerships with our suppliers, customers and employees, providing products and services that enhance the safety and security of our customers.

Daniamant products cover ten key areas:
- Lifejacket Lights
- Liferaft Lights
- Lifebuoy Lights
- Intrinsically Safe Lights
- Special Lights
- LED Flares
- Bridge Navigational Watch Alarm System (BNWAS)
- Salinometers
- Electronic Inclinometer
- Agency for a range of world-renowned safety product brands (supplied to the Danish market)

Key Features

- Wheel Mark MED B+D Approval
- Day to day delivery
- 24 months warranty
- Maintenance free system
- Dual Motion Sensor and Selector Unit
- Easy to install and operate
- Worldwide agent network
- Input for unacknowledged alarms
- Second generation BNWAS

Deadlines for Installation

1 July 2011:	New ships > 150 GT and all new passenger ships
1 July 2012:	Existing ships > 3.000 GT and all existing passenger ships
1 July 2013:	Existing ships > 500 GT
1 July 2014:	**All ships > 150 GT**

Regulations

Regulations from IMO's Maritime Safety Committee (MSC) requires carriage of a Bridge Navigational Watch Alarm System (BNWAS) complying with IMO performance standards.

BNWAS BW-800

Alarm unit

Selector unit

Reset unit

Motion sensor

Reset Unit with audio alarm for bridge wing

Reset Unit for bridge wing

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DNV·GL   RUSSIAN RIVER REGISTER   ABS   BUREAU VERITAS

SPECIFICATIONS	BNWAS BW-800
Timer interval:	3-12 min.
Mains power:	24 Vdc. Mains supply (24 Vdc) must be secured against overcurrent with an external fuse max. 4 A
Battery back-up:	24 Vdc. Battery back-up supply must be secured agains overcurrent with an external fuse max. 4 A. Battery back-up must be able to supply power to BW-800 for a period of 6 hours (min. 6 Ah battery back-up)
Dimensions:	**BW-800:** Front: 160 mm x 100 mm Depth: 50 mm **801 Reset unit:** Front: 60 mm x 60 mm **802 Alarm unit:** Front: 60 mm x 120 mm **803 Selector unit:** Front: 60 mm x 120 mm
Protection:	Indoor Units: IP22 Bridge Wing Units: IP65
Optional foundations:	BW-800 in Wall Mounting Box 810 IP65 Foundation for Reset Unit: 811 Foundation for Alarm Unit: 812 Foundation for Selector Unit: 813

OPTIONAL FOUNDATIONS

Foundation for Reset Unit: 811

Foundation for Alarm Unit: 812 and Selector Unit: 813

BW-800 in Wall Mounting Box 810 IP65

Activity input from other equipment: Radar and ECDIS

Input from ships heading or track control system: Auto pilot

VDR NMEA interface output

Malfunction output to central alarm panel

AMS (Alarm Management System) for unacknowledged navigational alarms

Main power 24 Vdc. Battery back-up power 24Vdc

Reset Unit with audio alarm for bridge wing 821

Reset Unit for bridge wing 831

Motion Sensor 805

Reset Unit 801

Alarm Unit Bridge 802

Selector Unit for back-up officer 803

Alarm Unit Back-up officer 1 Captain 802

Alarm Unit Back-up officer 2 802

Alarm Unit Back-up officer 3 802

Alarm Unit Back-up officer 4 802

Alarm Unit Back-up officer 5 802

Alarm Unit Mess room 802

Alarm Unit Recreation room 802

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