Dead Man Alarm le guardian 2025

- easy and comfortable use
- simple connections to all peripheral equipment
- easy to install - vessel crew / shipyard personnel installed the vast bulk of systems
- intuitive system control - rotary encoder allows simple check of all connected devices and settings
- type approved acc. to latest International Standard
- extensive BNWAS experience - first Type Approval awarded in 2005

connecting module LCM 210.24.0.0

operating device LOD 222.24.0.0, 144x72mm

Designed for retrofit

Over 5000 installations
OFFICER’s AREA

Existing XASystem (via IMCS)
Stage #2 Alarm

ENGINE CONTROL ROOM

Operating Device

INSIDE CONSOLE

Connectling Module

ENGINE ROOM

Remote Start/Stop
ER Entrance

Reset & Alarm Release

Remote Start/Stop
ER Entrance

Existing LSASystem
PRE-ALARM & STAGE #1

safety on board
DMA le guardian 2025
sample system for standard vessels / platforms

OFFICER’s AREA

Stage #2 Alarm Cabin Panels

ENGINE CONTROL ROOM

Connecting Module

INSIDE CONSOLE

ENGINE ROOM

Remote Start/Stop ER Entrance

Reset & Alarm Release

Pre-Alarm & Stage #1

Remote Start/Stop ER Entrance

Operating Device

Chief 1st Eng. 2nd Eng. Mess Room

failure to IMCS 24VDC

Reset & Alarm Release

Pre-Alarm & Stage #1

Remote Start/Stop ER Entrance
DMA le guardian 2025
sample system for small sized vessels (tug boats)

BRIDGE AREA
Operating Device
Connecting Module
INSIDE CONSOLE
failure to IMCS
24VDC
ENGINE ROOM
Reset & Alarm Release
The audible & visual alarm to reach the ER watch keeper can be transferred via existing light signal columns, saving additional engine room alarm devices.

- sm electrics’ scope of supply does cover modern and reliable light signal alarm systems (LSAS) for engine room as well.

DEAD MAN ALARM time table

- Visual pre-alarm & audible stage #1 alarm
- Summarised visual pre-alarm & audible stage #1 alarm limited to 3 min.
system’s remote start/stop engine room entrances
WAP 220.3.0.0

reset unit in wall box pre-alarm indication engine room
WAR 222.2.0.0

reset unit in wall box pre-alarm indication engine room
WAR 222.2.0.0 A

reset unit w. buzzer pre-alarm & alarm stage #1 engine room
WAR 222.2.1.0

extension sounder alarm stage #1 ECR area
WAB 220.2.0.0

alarm stage #2 panel flush mounted officer’s cabin
WAP 222.2.0.0

alarm stage #2 panel bulkhead mounted officer’s cabin
WAP 222.5.0.0

alarm stage #1 / #2 panel flush or bulkhead mounted ER & officer’s public area
WAP 222.4.0.0

wall box to cover 1x LCM connecting module relays & terminals (if required)
WBC 210.1.0.0

desk / wall / ceiling swivel bracket for operating device ECR area
WBC 210.1.0.0

TECHNICAL DATA & FEATURES

- key-switch for lock / unlock
- 2 x 16 character blue light display shows all relevant device and alarm states
- rotary encoder with integrated push button - simple and effective for user
- integrated buzzer, eight individual sound characteristics & volume adjustment
- system voltage: 24VDC nominal (18… 31,2V)
- connecting module designed for TS 35 terminal rail
- emergency call facility (manual release from ER)