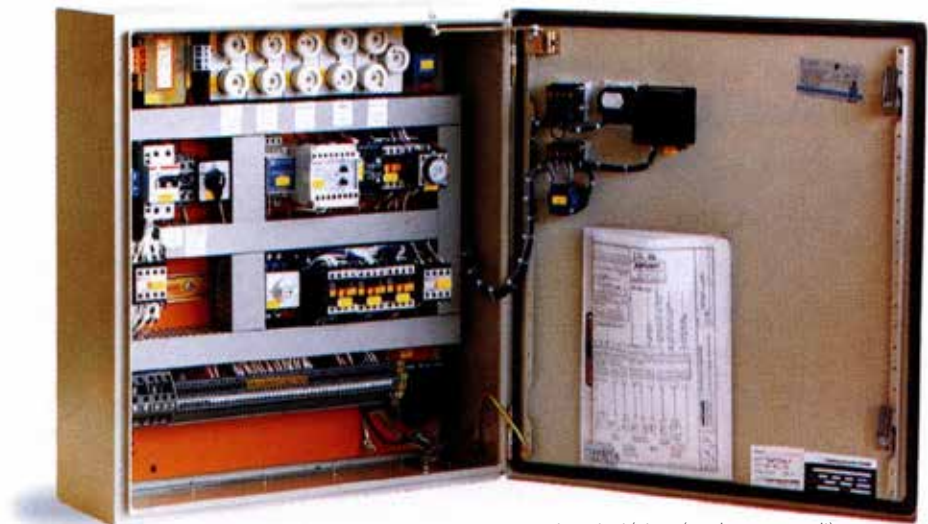


# Steering gear

## HATLAPA Alarm System SOTERIA



pump-motor start/stop (each pump unit)



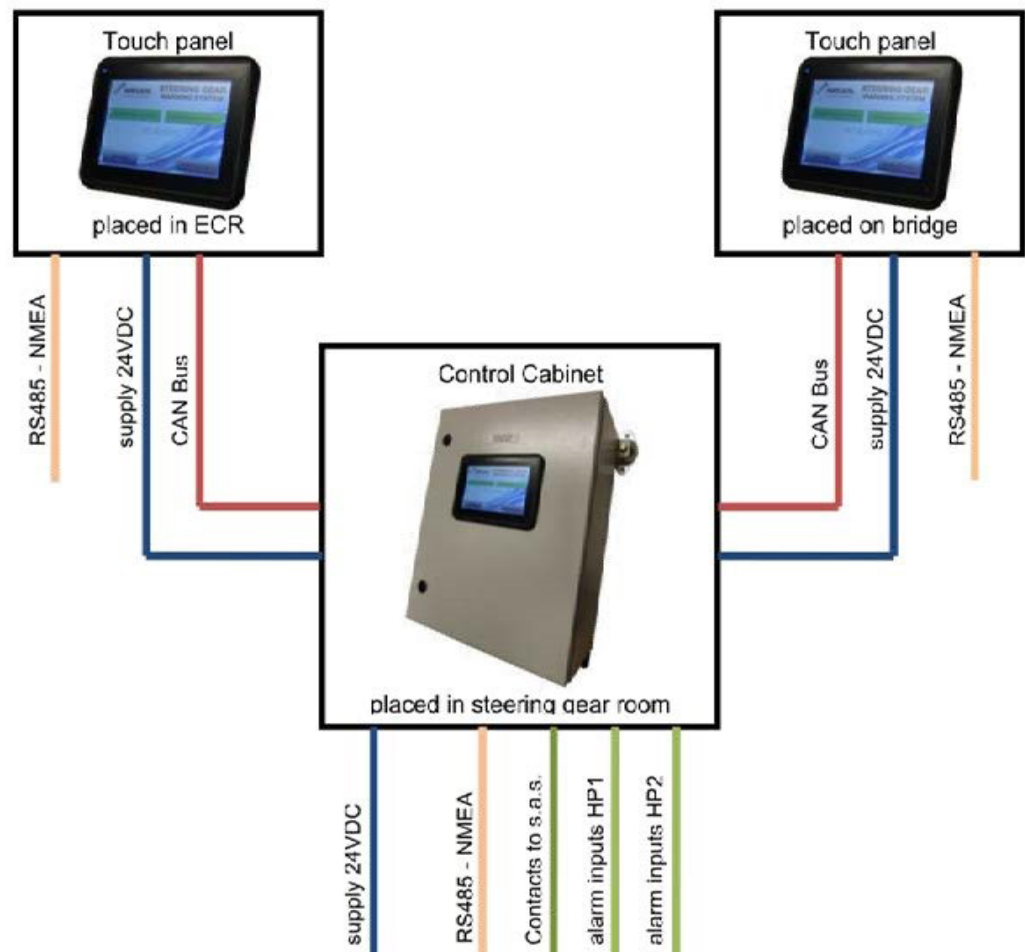
panels



### Features

- Touchpanel: 7 inch color displays, 100% dimable
- Smaller components, easy wiring
- GL approved system (software and hardware)
- NMEA-telegram for VDR from each touchpanel possible
- Support of 6 languages: English, German, French, Russian, Portuguese, Chinese
- Time stamp for each alert
- Time is synchronized on all displays (time master is on bridge)
- Floating contacts for ship alarm system
- Self-monitoring system

# Technical data



## Overview of Alerts

Each hydraulic pump:

- Failure
- Feeder failure
- Hydraulic locking
- Low servo oil pressure
- Overload
- High oil temperature
- Oil filter clogged
- Phase failure
- Low oil level
- Stand-by start

## Common alerts:

- System error
- SAFEMATIC failure
- Grease pump failure

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