

MAREX OS

The **Marex OS**-system can be applied with almost any type of ship and propulsion. It replaces the complex remote controls which until now had to be custom-designed for a specific ship.

The **Marex OS** features

modular hardware consisting of few components

signal and data transmission by **CAN-bus**

software and **parameter settings** permitting to meet the most different requirements

Advantages:

lower design and engineering costs

easy commissioning by means of intelligent software

new methods of error analysis by remote data transmission

Different types of **control heads** are available:

for single and twin-engine propulsion systems

with lever follow-up for systems with multiple control stations

with lighted scale (day/night selection)

Some examples for control stations and components:



M.Y. Sarah, side station



M.Y. Constance, control station



M. Y. Seven Sins, bridge station



Operating panel including control head and displays

for main and side stations
integrated "CPU" with application software "remote control" included in the main control panel
LCD-clear-text-display for menu-led commissioning, function sequence and diagnosis
illuminated function keys with graphic symbols
day/night selection)
acoustic alarm



Operating modules

for side stations
as extension of the operating panel
lighted function keys and displays



I/O-module

digital and analog inputs (galvanically separated)
relay outputs
analog outputs (galvanically separated)