

maritime automation powered by people

**ROCKSON
AUTOMATION**



Project:
M/V INDUSTRIAL FUSION

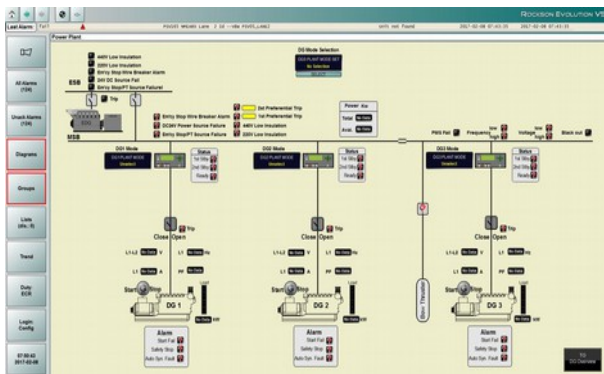
M/V Industrial Fusion in detail:

builder	Hudong Zhonghua
year	2018
length	149,99 m
beam	25,6 m
gross tonnage	16.500 t
supervision company	Peter Döhle Schifffahrts-KG
IMO	9785380

Project cargo ships as this shipseries of 6 newbuildings at Hudong Zhonghua and 4 newbuildings at Wenchong SY are ships that load large and heavy cargo items with 2 or more onboard cranes.

Thousands of different functions have to be supervised and controlled to give the engineers onboard the best overview and comfort when working with our integrated monitoring and control system

EVOLUTION V5

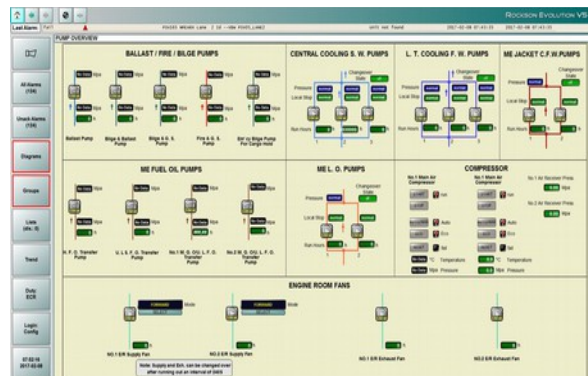


the requirements for this project were:

- appr. 2.000 I/Os
- up to 30 mimics on 4 graphic workstations with widescreen highclass monitor
- redundant process servers
- redundant process control bus and fieldbus
- interface for monitoring and control to all relevant subsystems for technical ship's operation
- remote maintenance interface
- Engine Control Console

integrated Monitoring and Control System (IMCS)

- engine related monitoring
- extension alarm system
- engine watch alarm system
- remote control of essential no. of standby pumps, valves, fans, purifier and compressors
- power management
- remote control of BWT plant and anti-heeling
- remote control of FO supply unit and boiler
- ship performance monitoring
- fire detection indication and alarm



For additional questions don't hesitate to contact us:

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