



POSEIDON

creating opportunities

- skaper muligheter



Sigve Olsen











Poseidon Group

Poseidon Holding

- Poseidon Maritime
 - Poseidon Simulation
 - Poseidon Education
 - Poseidon Consulting
- GeoLofoten
- Poseidon Asia
- Mercantilia
- Linken Eiendom

- Part Ownerships

- Lofoten Næringshage
- Nordnorsk Beredskapssenter
- Poseidon Gupita TC, Indonesia
- Charkin Maritime Safety Centre, Nigeria
- and others



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Brosimulator







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Advanced Ship Models





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Advanced Ship Models





Radisson

POLARLYS







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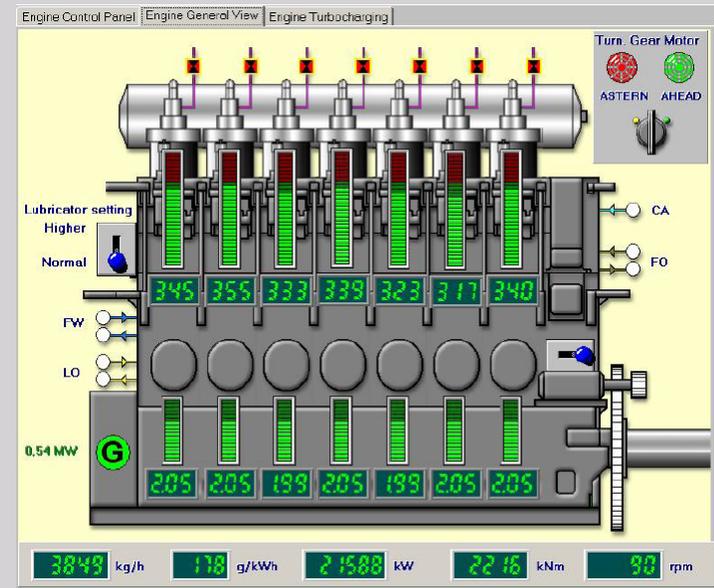
Maskinromsimulatorer





Simulator options

- Low Speed Engine
- Medium Speed Engine
- Steam Engine
- Full Mission
- CBT



CONTROL AIR PRESS. ME NO 1 LOAD ME NO 1 RPM

ME NO 2 RPM ME NO 2 LOAD START AIR PRESS.



MAIN ENGINE No 1

CONTROL SYSTEM ON	PRELUB. PUMP ON	ENG READY FOR START
ENG READY FOR CLUTCH	LOAD 90%	LOAD 100%
EG WATER LOW PRESS	EG WATER HIGH TEMP	EG OIL LOW PRESS
LUB OIL HIGH TEMP	START FAILURE	THROTTLE PAH ENGAGED
OVERLOAD	OVERSPEED	EG WATER LOW PRESS
FUEL OIL LOW PRESS	START AIR LOW PRESS	CONTROL AIR LOW PRESS

EMERG. STOP (Red button) EMERG. RUN (Red button)

STOP MAIN ENGINE (Red button) START (Green button)

OFF CLUTCH (Red button) ON (Green button)

TELEGRAPH

AHEAD

ASTERN

Full (Green), Half (Green), Slow (Green), 0.5 Slow (Green), Stop (Red), 0.5 Stop (Red), Slow (Red), Half (Red), Full (Red)

STAND-BY (Grey), FINISHED WITH ENGINE (Grey)

PROPULSION

CONTROL SYSTEM ON	PROPELLER PITCH 0	GEAR LUB. PUMP ON
CLUTCH SERVO PUMP ON	CPP SERVO PUMP ON	OPP LUB. PUMP ON
GEAR LUB. OIL HIGH TEMP	GEAR LUB. OIL LOW PRESS	AUTO OILING LOW PRESS
CPP SERVO LOW PRESS	ALGO. CONK	PROP. LUB. OIL BLOCKED

RPM CONTROL (Dial: 0 to MAX) LOAD ADJUST. (Dial: 0 to +)

LAMP TEST (Black button), ALARM CONFIRM (Black button), RESET SAF. SYSTEM (Black button)

Vertical scale with 0-10 markings and a black knob.

MAIN ENGINE No 2

CONTROL SYSTEM ON	PRELUB. PUMP ON	ENG READY FOR START
ENG READY FOR CLUTCH	LOAD 90%	LOAD 100%
EG WATER LOW PRESS	EG WATER HIGH TEMP	LUB OIL LOW PRESS
LUB OIL HIGH TEMP	START FAILURE	THROTTLE PAH ENGAGED
OVERLOAD	OVERSPEED	EG WATER LOW PRESS
FUEL OIL LOW PRESS	START AIR LOW PRESS	CONTROL AIR LOW PRESS

EMERG. STOP (Red button) EMERG. RUN (Red button)

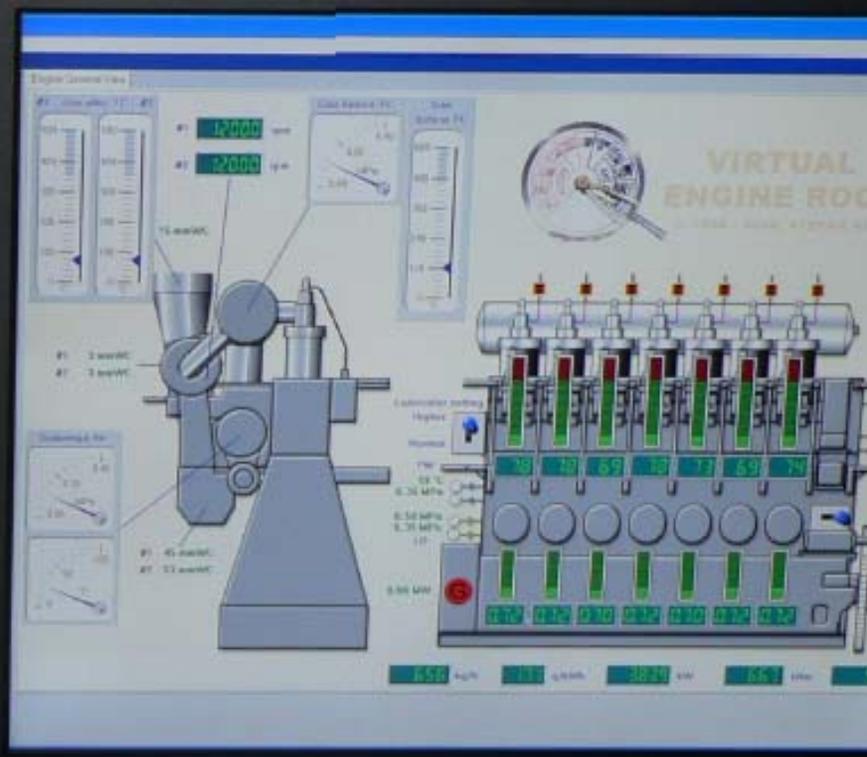
STOP MAIN ENGINE (Red button) START (Green button)

OFF CLUTCH (Red button) ON (Green button)

SYSTEMS (Red button), SYSTEMS (Grey button)

CONTROL ROOM (White button), LOCAL (Grey button), BRIDGE (Grey button)









CBT - structure

- System description
- Operating instruction
- Test
- Interactive simulator





CBT – training modules

- Module 1 and 2:
 - Diesel engines
 - Hydrophore installation
 - Diesel engine generators
 - Steering gear simulator part 1 – fixed delivery pump
 - Steering gear simulator part 2 – variable delivery pump
 - Oily water separator
 - Biological sewage treatment plant
 - Auxiliary steam boiler installation
 - Marine diesel engine monitoring systems
 - Fuel oil treatment plant
 - Controllable pitch propeller simulator



CBT – training modules

- Module 3:
 - Marine Pumps
 - Freshwater generator
 - Reverse osmosis desalination system
 - Refrigeration plant
 - Combined oil fired and exhaust gas boiler
 - S-type separation system
 - Remote control system for SULZER RTA engines
 - Remote control system for MAN B&W LMC engines



CBT – training modules

- Module 4:
 - Electric Power Plant
 - Fuel Conditioning Module
 - Marine Compressors
- Module 5:
 - Emergency Power Plant
 - Marine Heat Exchangers
 - Rotary Vane Steering Gear





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Prosjekter





Coast Radio Stations in Nigeria



- VHF
- Navtex
- (MF/HF)
- Sat C + Mini M
- Training
 - locally
 - Norway





MANI71|L10|04|017





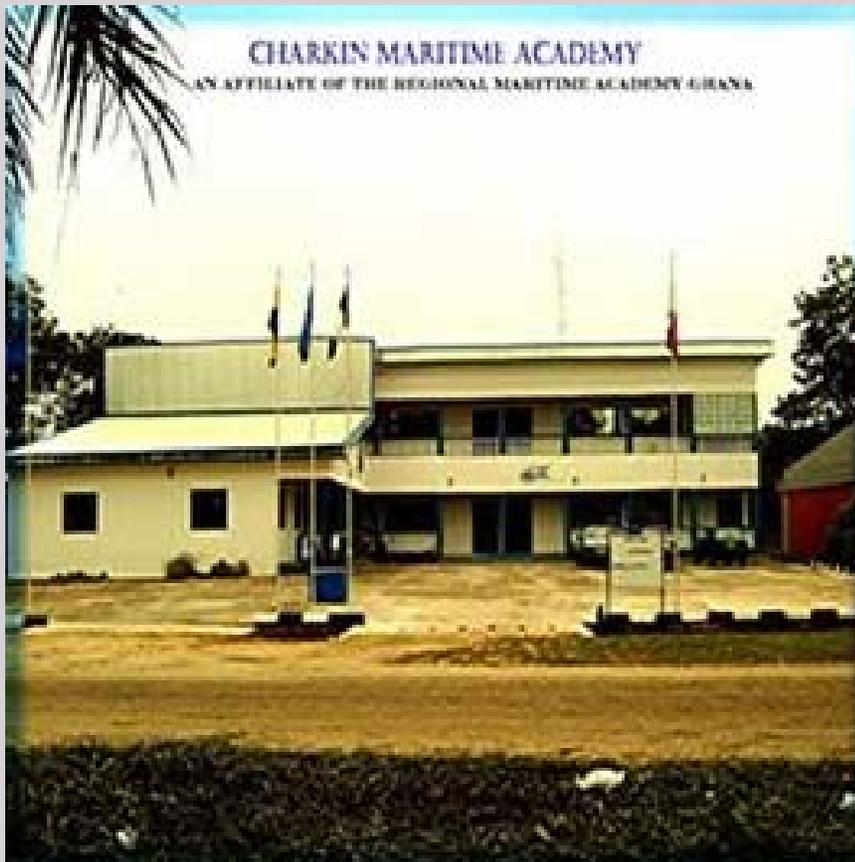




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Charkin Maritime Training Center



- Basic safety
- Advanced fire fighting
- Rescue boat
- Crowd and crisis management
- First aid
- GMDSS – radiokommunikasjon
- Radar/ARPA



Charkin Maritime Training Center

- Eierinteressenter
 - Fred Olsen 10%
 - Eidesvik 10%
 - Poseidon 10%
 - Lokal privat eier 70%





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Fra Kabelvåg til Port Harcourt





GMDSS Simulator and Live Radios



POSEIDON GMDSS / GOC SIMULATOR

STUDENT USER MANUAL

