# GenSys

Fuel Oil Consumption (FOC) Measurement

Knowledge is power!

Do you know how much fuel you consume? Do you also know, how much it is for which engine at which output or speed? With our FOC, you can answer all of these questions and quickly recognize savings potential and inconsistencies. In doing so, we will configure FOC precisely according to your needs and requirements. Existing systems will be taken into consideration and complemented, new components can be integrated seamlessly. You will receive exactly the information that you need, precisely where it is needed.
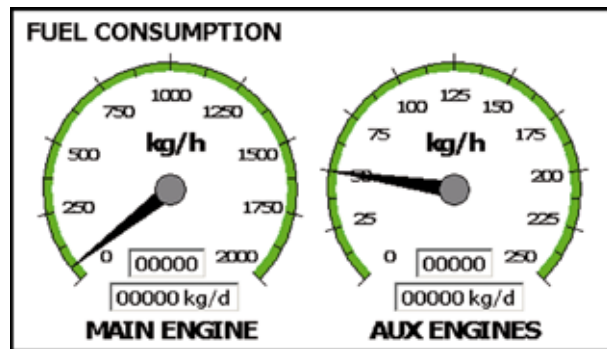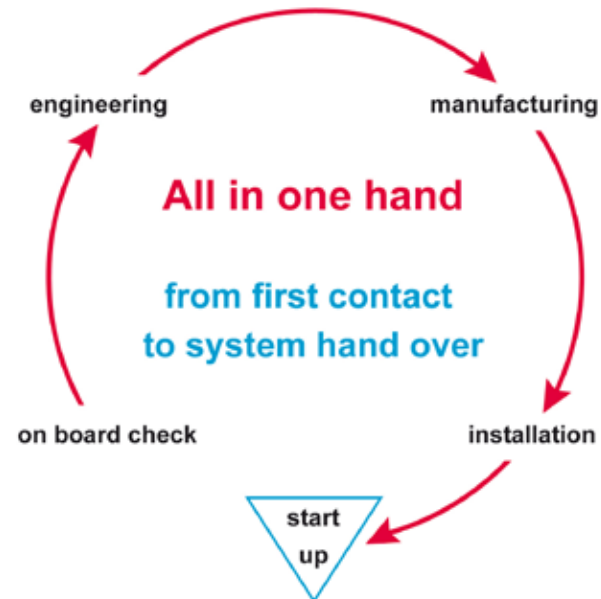

bridge display - day view

bridge display - night view

GenSys FOC solutions offers shipping companies an easy, fast and cost-efficient solution for individual fuel consumption measurement for all fuel oil consumers.

Benefits:

► Check existing system on board by our engineers

► Complete design optimized according customer requirement

► Worldwide installation by our DNV GL classified welders

► Start up and commissioning by our service team

engineering — manufacturing

All in one hand

from first contact to system hand over

on board check — installation

start up

GenSys

Features:

Individual view of engine consumption

• For of M/E, A/E and Boiler

• In mass (tons, kg) or volume (m³, liter)

Individual consumption counters

• Total consumption per engine

• Consumption per time (tons/day, kg/hr)

• Noon to Noon reports

• Bunker to bunker report

• Trip counters

A/E performance and operation data

• Power data (kW)

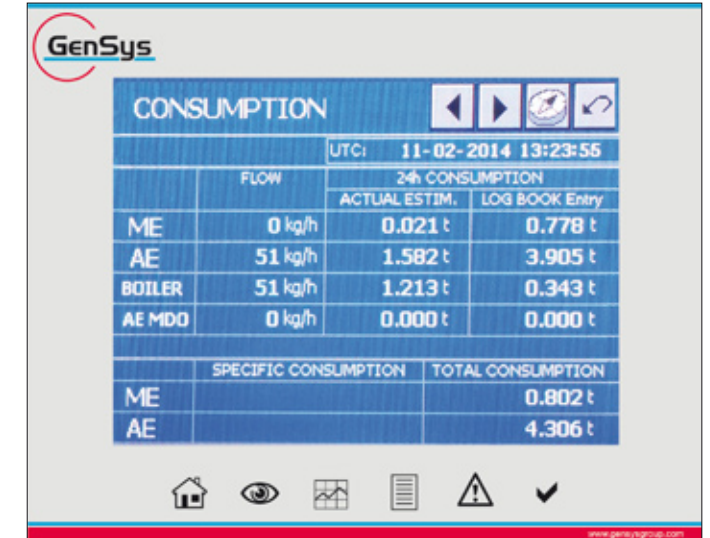• SFOC (gr/kWh)

M/E performance and operation data

• Speed over ground (knots)

• Consumption per mile (tons/mile)

• Shaft power meter

Reports and data export

• Ethernet connection to ship's network

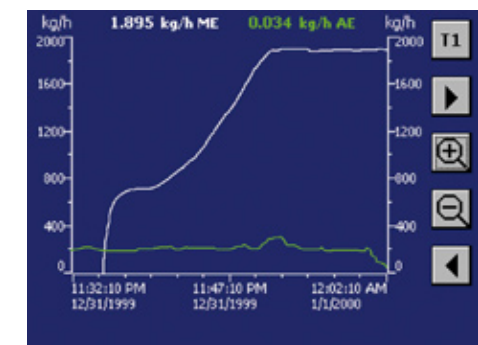• USB Storage devices

• Modbus, Profinet to other devices

Unlimited options

• Tamper proof measurement

• Tamper proof data storage and reporting

• Certified and calibrated sensors

• Interface to shaft power meter

• Interface to Fuel Oil Booster Module

• Optional using of bunker flow-meters

display - raw data

display - trend