

Wider 150 Mega Yachts



100% Electric Hybrid Propulsion by **Auxilia**



PROJECT

Wider 150 (M/Y Bartali) Mega Yacht

LOCATION

Ancona (Italy)

SHIPYARD

Wider Yachts

APPLICATION

Full Electric Super Yacht

SCOPE OF SUPPLY

Full electrical power and control system and variable speed generator sets.

MAIN COMPONENTS

Custom propulsion system engineering and integration, drives, Power Management System (PMS), Human Machine Interface (HMI), black box, remote control and variable speed generator sets.

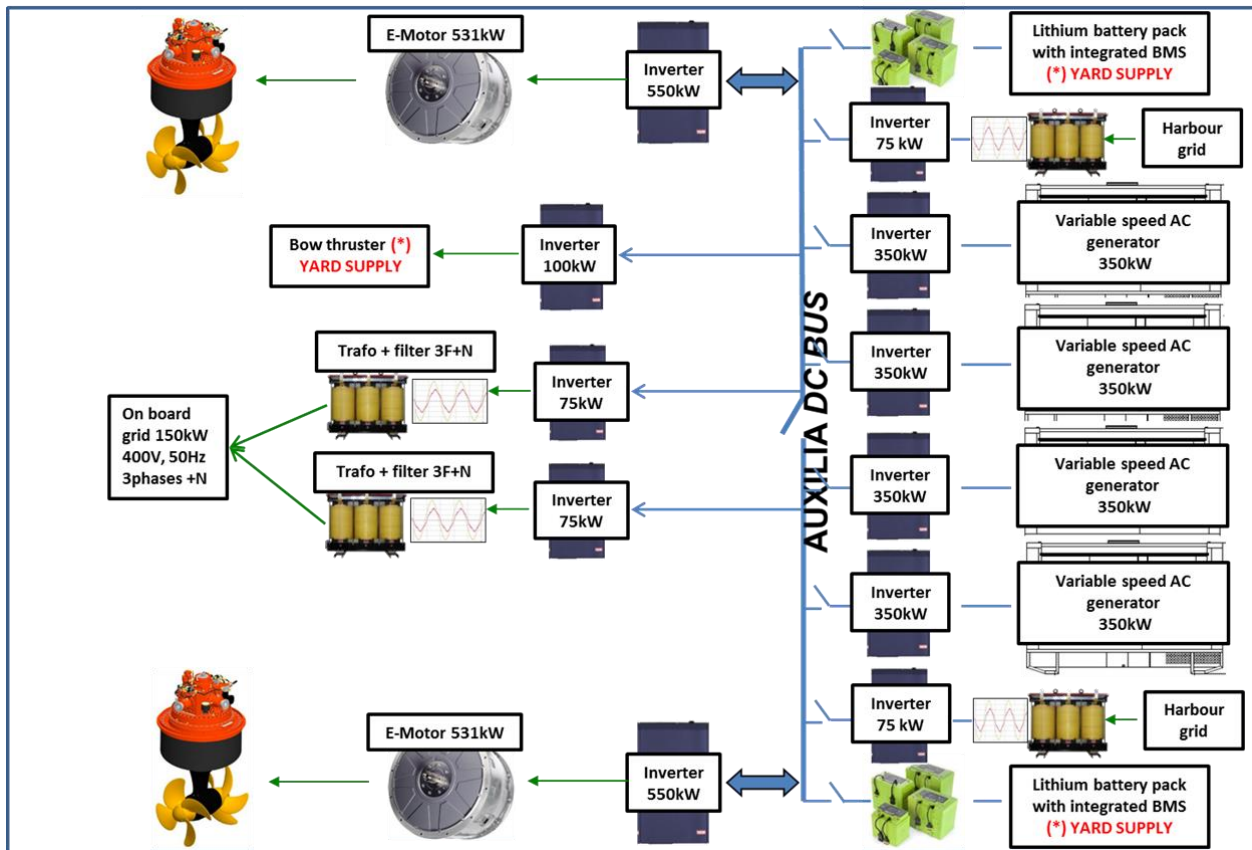
CLASSIFICATION REWARD

Rina comfort class acquired.

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ARCHITECTURE OF THE AUXILIA SYSTEM



System Benefits

- Improved energy efficiency & pollution reduction
- Very high comfort with no vibrations and noise
- Night Mode with diesel generators OFF in battery mode
- Zero Emission Mode for Restricted Areas
- lower fuel consumption and emissions
- Less space required for propulsion Machineries and freedom for the Placing of the components on board

Auxilia system on board

- Common DC bus architecture
- Water cooled drive modules and Power Management System
- 4 x 350 kW variable speed generator sets
- 2 x 530 kW main propulsion steerable thrusters
- On board grid 230 V & 400V
- Harbour grid
- Battery management system of 600 kW/h