

CNCo New Buildings' Environmental Features

Fuel Efficiency Manager

The system shows the Master the immediate effect of his actions on fuel consumption thereby clearly informing himself and the charterer on how to operate the ship in the most fuel efficient way.

Latest, anti-fouling paint system

Based on the successful application on other vessels, this paint system should reduce fuel consumption by around 6%.

Weather Routing Software

Allows the Master to avoid bad weather and take advantage of helpful currents through the smallest of deviations.

Highly Refined Hull form

Hull form combines high cargo carrying capability and low fuel consumption for very low emissions per cargo tonne-mile.

Wartsila RT-Flex58T-D Slow revving efficient main engine

- Very low fuel consumption
- Electronic control ensures efficient operation at a wide range of speeds
- Low NOx emissions
- No visible smoke

5ppm, high-capacity oily-water separator.



Macgregor Electric Cranes

Using electric cranes rather than conventional hydraulic cranes will save 2400 litres of hydraulic oil per ship per year which would otherwise have to be replaced during annual overhaul and maintenance of the cranes.

Triple service and settling tanks to allow the ship to easily switch between three grades of fuel; namely HFO, MDO and ultra-low sulphur MDO for operation in SECAs.

Waste heat turbo generator

This converts energy that would otherwise be wasted into electricity.

Wake ducts

Wake ducts improve the water flow towards the propeller thereby improving fuel efficiency by around 5%.

Propeller Boss Cap Fin

Extra fins on the propeller cap increase the propeller thrust reducing fuel consumption by around 4%.

Becker Flap Rudder

Selected as the most efficient rudder type for this vessel.