MIARAKA
SAILING CONTAINER VESSEL



PRINCIPAL DIMENSIONS

Length Overall	:	91.30 m
Beam	:	17.80 m
Draught (Design)	:	4.90 m
Depth	:	7.90 m
Air Draught	:	62.00 m

DEADWEIGHT AND TONNAGE

DWT (at Design)	:	2340 t
DWT (at Scantling)	:	3400 t

CAPACITIES

Cargo Capacity

Containers	:	210 TEUs
Water Ballast	:	1630 m³
MGO	:	300 m³
Fresh Water	:	115 m³
Service Speed	:	10.5 knots
Max. Engine Speed	:	12 knots
Cruising Range	:	11000 nm @10.5 knots

BOW THRUSTER

Manufacturer	:	BERG
Bow Thruster	:	1 x 300 kW

MAIN ENGINE

Manufacturer	:	ABC
Design	:	Four (4) Stroke, Medium Speed
Output	:	1 x 1200 kW @1000 rpm

PROPULSION PLANT

Manufacturer		
Design	:	BERG
Shaft Generator	:	Four (4) Blade, CPP
	:	1 x 375 kW @1800 rpm (450V/60Hz)

WING SAIL SYSTEM

3-off (three) Wing Sail

Manufacturer	:	CWS
Total Sail Surface	:	3 x 350 m²

AUXILIARY & EMERGENCY DIESEL GENERATOR

Output Power	:	2 x 450 ekW @1800 rpm (440V/60Hz)
Output Power	:	1 x 250 ekW @1800 rpm (440V/60Hz)

CLASS

BV I ✣ HULL ✣ MACH, CONTAINER SHIP, UNRESTRICTED NAVIGATION, AUT-UMS, AUT-PORT, OPEN-HATCH, MON-SHAFT, CLEANSHIP, BWT, INWATERSURVEY, LASHING, GREEN PASSPORT, CPS (WBT), WIND PROPULSION-2, ERS-S, COMF-VIB 2, COMF-NOISE 2