



# DAMEN COMBI FREIGHTER® 3850

M.V. 'AERANDIR'

## GENERAL

YARD NUMBER	9391
DELIVERY DATE	September 2009
BASIC FUNCTIONS	Transport of bulk, steel coils, containers, steel and forest products, general cargo, etc.
CLASSIFICATION	Lloyds Register ✱ 100 A1, ✱ LMC, UMS, SCM Equipped for dangerous goods according to SOLAS reg. 54 (II), excl. Class I and VII. Tanktop strengthened for heavy cargo up to 15 t/m <sup>2</sup>
IMO NO.	9462744

## DIMENSIONS

LENGTH O.A.	88,60	m
LENGTH B.P.P.	84,99	m
BEAM MLD.	12,50	m
DEPTH	7,00	m
BALLAST DRAFT	3,20	m
SUMMERDRAFT	5.425	m
DEADWEIGHT	3.793	ton
GROSS TONNAGE	2.545	ton

## CAPACITIES

HOLD CAPACITIES	5.250	m <sup>3</sup> (185.400 cuft)
MDO/HFO	144	m <sup>3</sup>
GAS OIL	55	m <sup>3</sup>
LUB.OIL CLEAN	6.7 + 1.9	m <sup>3</sup>
DIRTY OIL	6	m <sup>3</sup>
SLUDGE	6	m <sup>3</sup>
SEWAGE	12	m <sup>3</sup>
POTABLE WATER	55	m <sup>3</sup>
BALLAST WATER	1.340	m <sup>3</sup>

CONTAINER CAP. IN HOLD	108	TEU
CONTAINER CAP. ON DECK	80	TEU
TOTAL NUMBER	188	TEU

## PERFORMANCES

Trial speed at ballast draft and 1.520 kW output: 12,3 knots

## NAUTICAL AND COMMUNICATION EQUIPMENT

Radio equipment is according to GMDSS for area A3

## PROPULSION SYSTEM

MAIN ENGINE	1x MAK, type 8M 20 C, running on HFO fuel (IFO 380) or gasoil
OUTPUT	1.520 kW at 1000 rpm
PROPELLER	1x CPP, 2.600 mm
BOW THRUSTER	FPP, 288 kW, electrically driven

## HATCHES

Weather deck hatches dim. approx. 62,70 x 10,10 m  
Steel pontoon hatches with gantry crane and 2 hydraulic cranes each 500 kgs swl

## AUXILIARY EQUIPMENT

- 1 Shaft generator, 435 kVA-50Hz
- 1 Diesel generator set, Sisu, 175 kVA-50Hz
- 1 Emergency/harbour generator set, Sisu, 77 kVA-50Hz
- 2 Starting air compressors
- 1 HFO separator
- 1 LO separator
- 1 GO separator
- 1 Booster-unit
- 2 Fuel oil trim pumps
- 1 Bilge water separator, acc. to Marpol regulations
- 2 General service pumps, each 150 m<sup>3</sup>/hr at 2,3 bar
- 1 Fire fighting pump
- 1 Freshwater pressure set
- 1 CO<sub>2</sub> fire fighting system for engine room and cargo hold
- 1 steering gear unit
- 1 Freshwater generator 2 m<sup>3</sup>/24h

## DECK LAY-OUT AND EQUIPMENT

- 1 Elec. driven bow anchor winch with two warping heads
- 1 Elec. driven capstan aft
- Rudder, fishtail type
- Container fittings in tank top and on hatch covers
- Lashing eyes in hold and lashing bollards on outside of coaming
- 2 Moveable grain bulkheads with 13 stowage positions
- Electrically driven hold ventilation for 6 air changes per hour

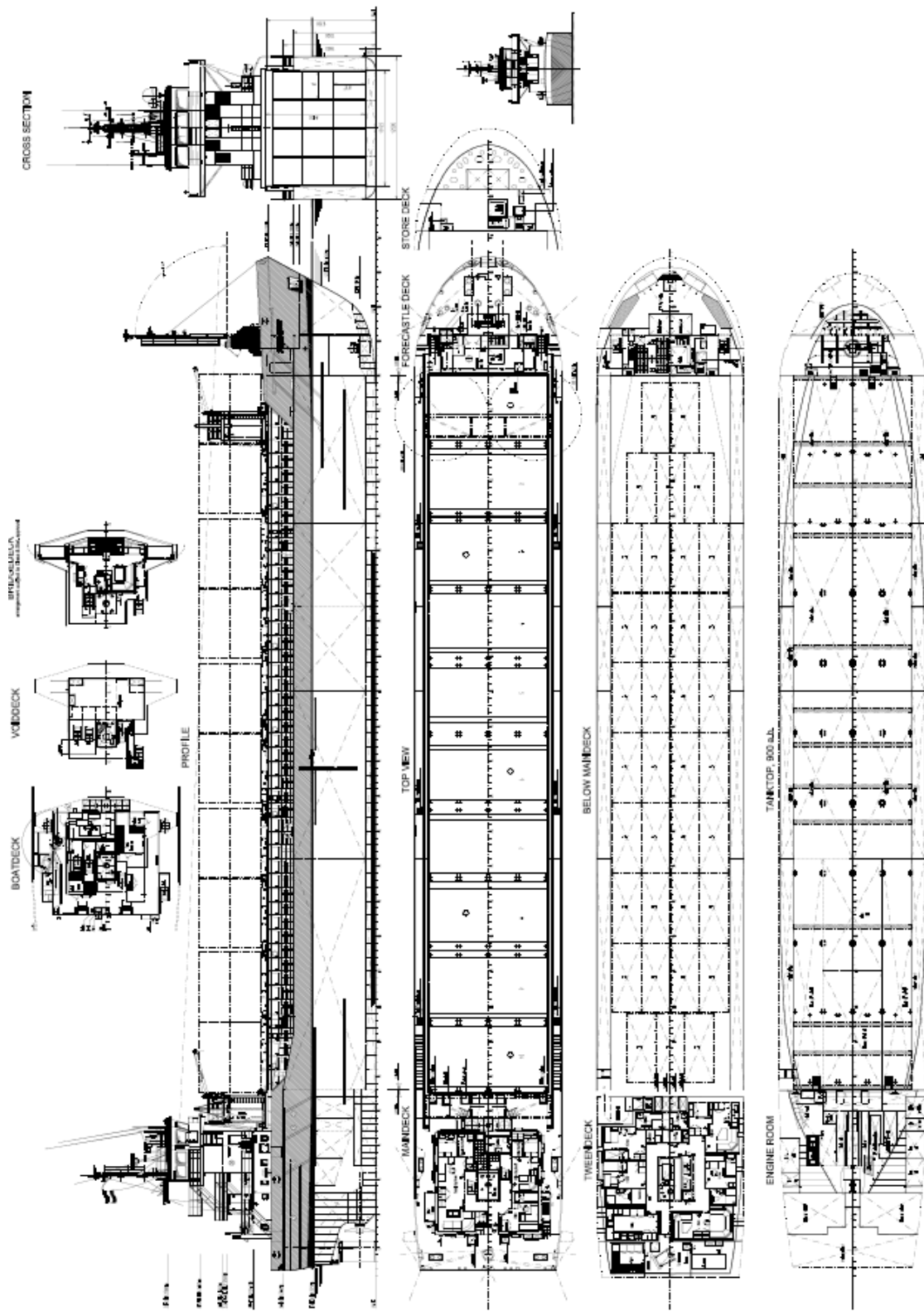
## ACCOMMODATION

For captain and crew for a total of 8 persons with heating, ventilation and air-conditioning

## MANAGING OWNER

Aerandir Shipping CV, Indijk  
The Netherlands

**DAMEN**



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## DAMEN

DAMEN SHIPYARDS BERGUM

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