



TRAILING SUCTION HOPPER DREDGER

SAND FULMAR

GENERAL DATA

IMO nr.	9174127
Ship yard	Merwede Shipyard (NL)
Year of construction	1998
Rebuild	-
Flag	The Netherlands
Harbour of registration	Breskens
Call sign	PHTE

MAIN PARTICULARS

Length o.a.	99,90 m
Length b.p.p.	95,40 m
Breadth o.a.	19,50 m
Draught	7,78 m
Gross tonnage	5 307 GT
Speed full	11,5 knots
Accommodation	16 pers.

CAPACITIES

Hopper	4000 m ³
Fuel oil	421 m ³

DREDGING SYSTEM

Dredging pump	IHC-SDP-HRLD 123-30-70
Suction pipe (diameter)	700 mm
Dredging depth à 45°	40,00 m
Max. dredging depth	40,00 m
Dredging pump drive	Electric
Capacity	1 311 m ³ /hr
Jet pump drive	ABB

ELECTRIC POWER SUPPLY

Generator set type 1	Cummins NTA-855-G2 (1x)
Generator set type 2	Cummins NTA-855-G2 (1x)
Harbour generator	Leroy-Somer LSA M44.1 M4 C6/4
Emergency generator	Cummins 4BTA 3-9-G2

PROPULSION

Main engine	Wärtsilla 6R32E (2x)
Output	2 460 kW
Propellor	2xCPP 4 blade Kamewa

DISCHARGING SYSTEM

Bow connection (diameter)	600 mm
Rainbow nozzle	Yes
Discharge pump	SEADREC 850/800
Self-unloader	Bucket wheel
conveyor belt	12,00 m
Discharging dry	870 ton/hr
Discharging wet	1 600 m ³ /hr
Bottom doors	Yes (sluice valves)

MANOEUVRING

Steering gear	Bruselle GMSE 165RO14
Bow thruster	Indar NAR-355-5
Bow thruster drive	Bowthruster TT 1300 K / BMS-FP
Output	375 kW

