



TRAILING SUCTION HOPPER DREDGER

DC VLAANDEREN 3000

GENERAL DATA

IMO nr.	9250373
Ship yard	Barkmeijer Shipyards (NL)
Year of construction	2002
Rebuild	-
Flag	The Netherlands
Harbour of registration	Breskens
Call sign	PBGG

MAIN PARTICULARS

Length o.a.	89,16 m
Length b.p.p.	84,98 m
Breadth o.a.	14,00 m
Draught	7,35 m
Gross tonnage	2 744 GT
Speed full	12 knots
Accommodation	7 pers.

CAPACITIES

Hopper	2 600 m ³
Fuel oil	197 m ³
Ballast water	292 m ³
Fresh rinsing water	514 m ³

DREDGING SYSTEM

Dredging pump	IHC 150-42-75
Suction pipe (diameter)	800 mm
Dredging depth à 45°	25,00 m
Max. dredging depth	35,00 m
Dredging pump drive	Caterpillar 3512
Capacity	1 450 m ³ /hr

ELECTRIC POWER SUPPLY

Generator set type 1	Caterpillar 3306, 181 kVA 50 Hz
Generator set type 2	Caterpillar 3306, 150 kVA 50 Hz
Emergency generator	Caterpillar 3304, 62,5 kVA 50Hz

PROPULSION

Main engine	Caterpillar 3608
Output	900 kW
Propellor	5 blades 3 000 mm

DISCHARGING SYSTEM

Self-unloader	<i>Bucket unloader</i>
conveyor belt	<i>35,00 m</i>
Discharging dry	<i>2 000 ton/h</i>
Bottom doors	<i>Yes</i>

MANOEUVRING

Steering gear	<i>Barkemeyer flagtype</i>
Bow thruster	<i>Veth Jet 3 - k - 1400</i>
Bow thruster drive	<i>Caterpillar 3412</i>
Output	<i>474 kW</i>

