

TRAILING SUCTION HOPPER DREDGER

DC Brugge**GENERAL DATA**

IMO Nr	7365851
Ship Yard	Royal Bodewes-Hoogezand, Netherlands
Year of construction	1974
Rebuilding	2001-2018
Flag	The Netherlands
Harbour of registration	Breskens
Classification nr	31N844
Call Sign	PFCE

MAIN PARTICULARS

Length o.a.	89.99 m
Length b.p.p.	84.95 m
Breadth o.a.	15.00 m
Gross tonnage	2840 GT
Draught full summer	5.98 m
Draught full dredging	6.52 m
Draught empty	2.95 m
Dead weight (summer)	4 145 tons
Speed full	11 knots
Accommodation	8 pers

CAPACITIES

Hopper	2 420 m ³
Fuel Oil	240 m ³
Ballast water	/
Fresh rinsing water	22 m ³

PROPULSION

Main engine	ABC 8DZC
Output	1 766 kW

DREDGING SYSTEM

Dredging pump	Damen 6055LD
Suction pipe	600 mm
Dredging Depth à 45°	30 m
Dredging pump drive	701 kW
Capacity	5 000 m ³ /h
Jet pump drive	Mitsubishi S6R-MPTAW-1
Output	605 kW

ELECTRIC POWER

Generator set 1	Sisu diesel 49.492 CTAG-4V
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SUPPLY

Generator set 2	Sisu diesel 49.492 CTAG-4V
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UNLOADING SYSTEM

Self unloader	CAT 352 F 1600 ton/h conveyor belt 35m out of ship
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Bottom doors	Yes
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MANOEUVRING

Midden & Steering Gaz	Promac
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Bow Thruster	van Wijk
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Bow Thruster Drive	Mitsubishi S6B3-T2 MPTAW HD
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Output	360 kW
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OIL RECOVERY SYSTEM

Rigid Sweeping Arm	1 Koseq 12m
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