

TRAILING SUCTION HOPPER DREDGER

DC Vlaanderen 3000**GENERAL DATA**

| | |
|-------------------------|---------------------------------------|
| IMO Nr | 9250373 |
| Ship Yard | Barkmeijer Shipyards, the Netherlands |
| Year of construction | 2002 |
| Flag | The Netherlands |
| Harbour of registration | Breskens |
| Call Sign | / |

MAIN PARTICULARS

| | |
|-----------------------|-----------|
| Length o.a. | 89.20 m |
| Length b.p.p. | 84.98 m |
| Breadth o.a. | 14.00 |
| Gross tonnage | 2 744 GT |
| Draught full summer | 5.90 m |
| Draught full dredging | 6.62 m |
| Draught empty | 3.30 m |
| Dead weight (summer) | 4207 tons |
| Speed full | 12 knots |
| Accommodation | 7 pers |

CAPACITIES

| | |
|---------------------|---------------------|
| Hopper | 2600 m ³ |
| Fuel Oil | 197 m ³ |
| Ballast water | 292 m ³ |
| Fresh rinsing water | 514 m ³ |

PROPULSION

| | |
|-------------|------------------|
| Main engine | Caterpillar 3608 |
| Output | 900 kW |

DREDGING SYSTEM

| | |
|------------------------|------------------------|
| Dredging pump | IHC 150-42-75 |
| Suction pipe | 800 mm |
| Dredging Depth à 45° | 25m |
| Maximum dredging depth | 35 m |
| Dredging pump drive | Caterpillar 3512 |
| Capacity | 1450 m ³ /h |
| Jet pump drive | Caterpillar 3412 |
| Output | 474 kW |

ELECTRIC POWER

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|-----------------|---------------------------------|
| Generator set 1 | Caterpillar 3306, 181 kVA 50 Hz |
|-----------------|---------------------------------|

SUPPLY

| | |
|-----------------|--------------------------------|
| Generator set 2 | Caterpillar 3306 150 kVA 50 Hz |
|-----------------|--------------------------------|

UNLOADING SYSTEM

| | |
|---------------|-----------------|
| Self unloader | Bucket unloader |
| Bottom doors | Yes |

MANOEUVRING

| | |
|-----------------------|-----------------------|
| Midden & Steering Gaz | Barkemeyer flagtype |
| Bow Thruster | Veth Jet 3 - k - 1400 |
| Bow Thruster Drive | Caterpillar 3412 |
| Output | 474 kW |

OIL RECOVERY SYSTEM

| | |
|-----------------------------|---------------------------------|
| Rigid sweeping Arm | 2 Koseq 12m |
| Hi-Sprint Booms | 2 x 250 m Vikoma |
| Skimmer | 1 Markleen WMS |
| Heater | 2 EO steam unit (2 500 kW) |
| Total Oil recovery Capacity | 600 m ³ /h Heavy Oil |

