



TRAILING SUCTION HOPPER DREDGER

INTERBALLAST III

GENERAL DATA

IMO nr.	8113463
Ship yard	Achille Luchess (IT)
Year of construction	1981
Rebuild	1990
Flag	The Netherlands
Harbour of registration	Sas van Gent
Call sign	PDKO

MAIN PARTICULARS

Length o.a.	70,00 m
Length b.p.p.	65,30 m
Breadth o.a.	13,20 m
Draught	6,40 m
Gross tonnage	1 670 GT
Speed full	8 knots
Accommodation	9 pers.

CAPACITIES

Hopper	1 886 m ³
Fuel oil	165 m ³
Technical freshwater	42 m ³
Fresh rinsing water	41 m ³

DREDGING SYSTEM

Dredging pump	Grotius BP 6055
Suction pipe (diameter)	600 mm
Dredging depth à 45°	20,00 m
Max. dredging depth	20,00 m
Dredging pump drive	Cummins KTA 38M Diesel, 690 kW
Capacity	1 000 m ³ /hr

ELECTRIC POWER SUPPLY

Generator set type 1	Cummins LTA 10-G, 257 kW, 295 kVA
Generator set type 2	Caterpillar c9, 296 kW, 250 kVA
Emergency generator	Perkins 44, 236 kW, 295 kVA

PROPULSION

Main engine	ABC 8DZC-980-137-K
Output	1 434 kW
Propellor	fixed propeller 4 blade 2 600 mm

DISCHARGING SYSTEM

Discharge pump	<i>Damen 6055LD</i>
Self-unloader	<i>Barge loading pipe</i>
Discharging wet	<i>1 650 m³/hr</i>
Bottom doors	<i>Yes</i>

MANOEUVRING

Steering gear	<i>Alpha</i>
Bow thruster	<i>Kalkman</i>
Bow thruster drive	<i>Cummins NT 855M Diesel</i>
Output	<i>236 kW</i>

OIL RECOVERY SYSTEM

Rigid sweeping arm	<i>Koseq 12 m (2x)</i>
Hi-sprint booms	<i>250 m Vikoma (2x)</i>
Skimmer	<i>Lamor high capacity</i>
Heater	<i>EO steam unit, 2 500 kW (2x)</i>
Total oil recovery cap.	<i>601 m³/hr heavy oil</i>

