



DAMEN TRAILING PIPE SYSTEM 700 "STELLAMARIS"

GENERAL

Yard No.	B10.0336
Type	TSHD 2,600 m ³
Delivery date	December 2012
Basic functions	Sand mining
Classification	Unrestricted navigation Bureau Veritas, dredging over 15 miles from shore

DREDGING FEATURES

Dredging depth	max. 45 m.
Max mixture capacity	approx 7,000 m ³ /h

DREDGE INSTALLATION

Trailing pipe	700 mm
Dredge pump	Submersed BP6055LD@600kW (and inboard pump BP6053HD@1800kW)
Bow coupling unit	600 mm
Overflows	2x telescopic
Dredge valves	Range from 450-600 m various pressure stages
Bottom doors	4

PRINCIPAL DIMENSIONS

Length o.a.	102.73 m
Beam	15.50 m
Moulded depth	7.7 m
Draught max	6.89 m
Dead weight	4720 ton
Speed (loaded)	14 kn

HOPPER CAPACITIES

At max. overflow level	2,600 m ³
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DREDGING INSTRUMENTATION

- Vacuum and pressure measuring system dredge pumps and jetwater pump
- Suction Tube Position Indication, vertical position, angles
- Load & Draught system
- Density and velocity measurement with production indicator

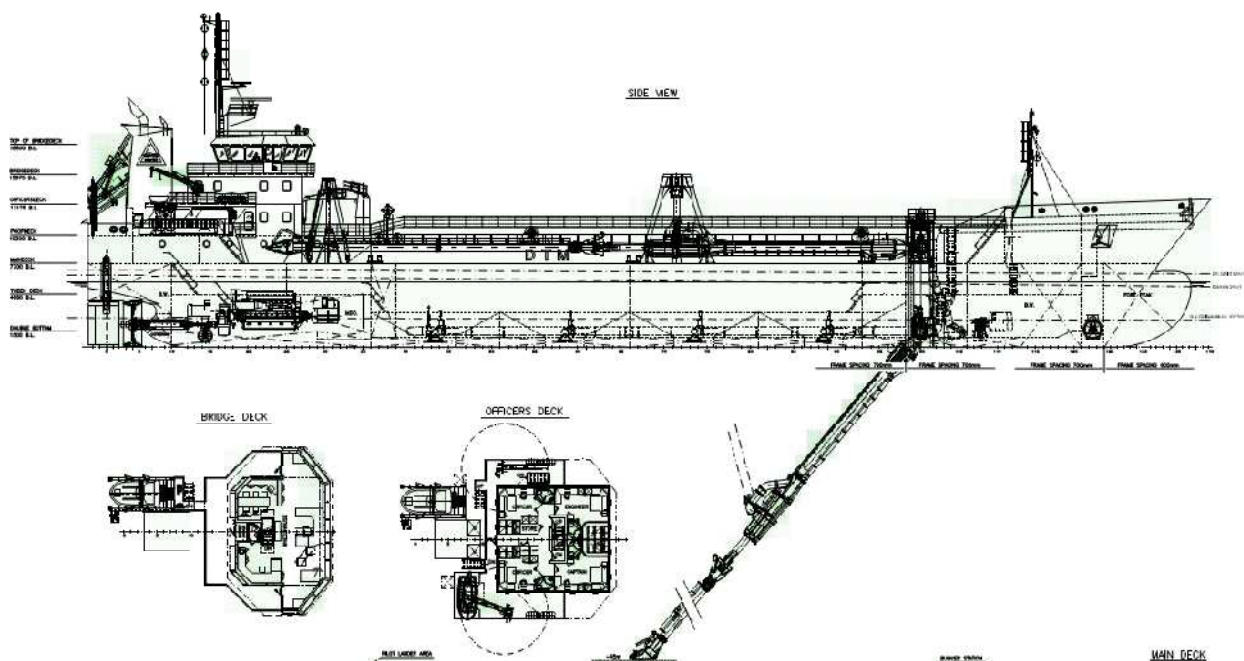
REMARKABLE FEATURES

- Submerged dredge pump
- Separate inboard high pressure dredge pump
- Self emptying system
- Discharge distance 500 m in coarse sand

OWNER

Dragages Transports et Travaux Maritimes, France

DAMEN



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"STELLAMARIS"

DAMEN

DAMEN DREDGING EQUIPMENT

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