

Barent Zanen

Trailing suction hopper dredger



Features

- Dredging freeboard for trading area up to 15 miles offshore.
- Dynamic positioning and tracking system.

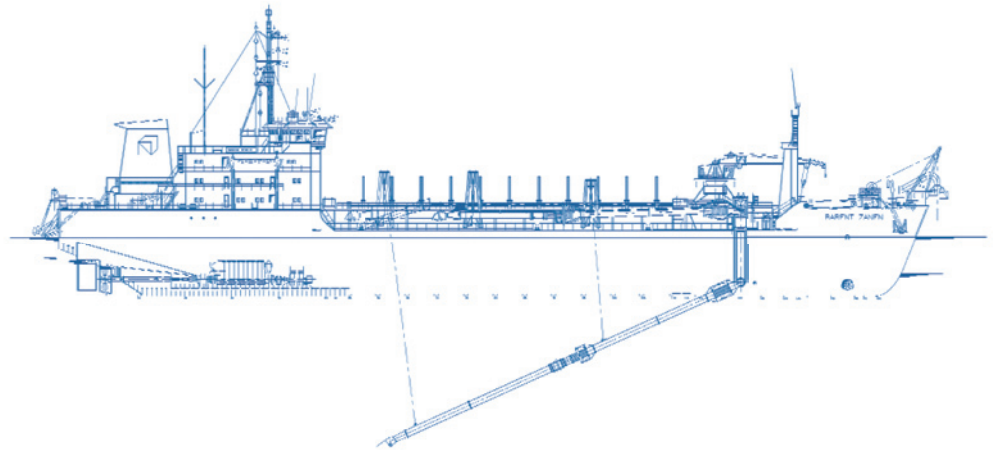
Main data

Built by	IHC Smit B.V.
Year of construction	1984
Classification	B.V. I ✕ HULL ✕ MACH ✕ AUT-UMS, Hopper dredger
	Dredging within 15 miles from shore or within 20 miles from port
	Dredging over 15 miles from shore with H.S. ≤ 3.0 m
	Unrestricted Navigation Ice class IA
Gross tonnage	9,773
Length overall	133.58 m
Breadth	23.13 m
Moulded depth	10.00 m
Maximum draught empty	5.66 m
Maximum draught international load line	7.95 m
Maximum draught dredging load line	8.81 m
Carrying capacity (D.W.)	14,335 tons
Hopper capacity	8,116 m ³
Suction pipe diameter	2 x 1.00 m
Maximum dredging depth	49.00 m
Discharge systems	44 bottom doors/pump ashore/rainbow installation
Sailing speed loaded	13.5 knots
Total installed power	12,658 kW
Sand pump output	3,600 kW
Jet pump output	1,576 kW
Pump ashore output	5,902 kW
Propulsion power sailing	9,120 kW
Bow thruster	750 kW

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Side view



Top view deck level

