

EQUIPMENT SHEET

BARENT ZANEN

TRAILING SUCTION HOPPER DREDGER



CONSTRUCTION/CLASSIFICATION

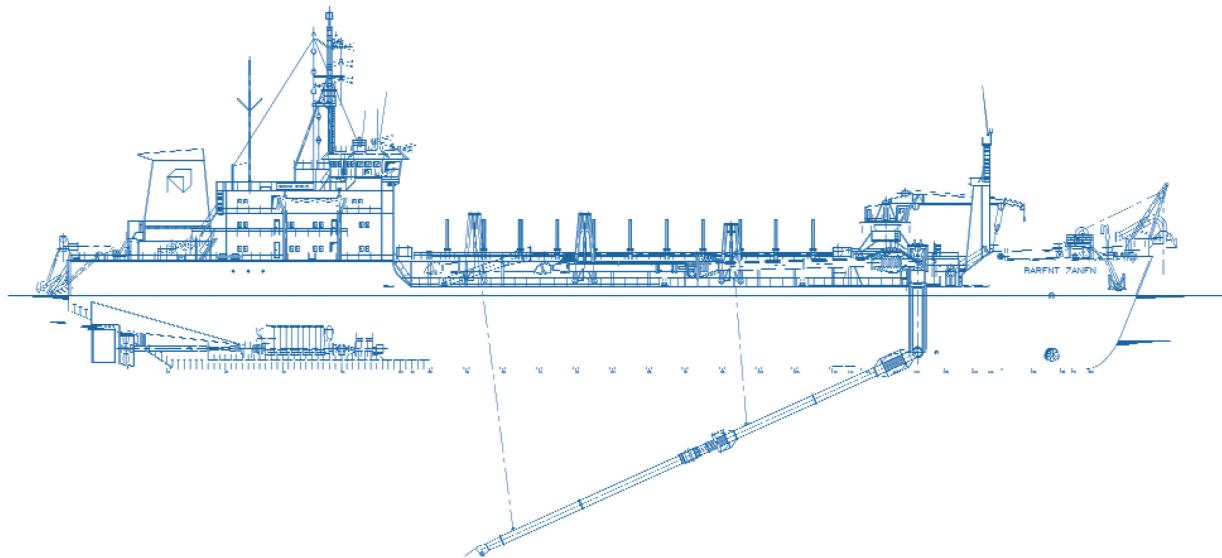
Built by	IHC Smit B.V.
Year of construction	1984
Classification	B.V. I ✽ HULL ✽ MACH ✽ AUT-UMS, Hopper dredger Dredging within 15 miles from shore or within 20 miles from port Dredging over 15 miles from shore with H.S. <= 3.0 m Unrestricted Navigation Ice class IA

MAIN DATA

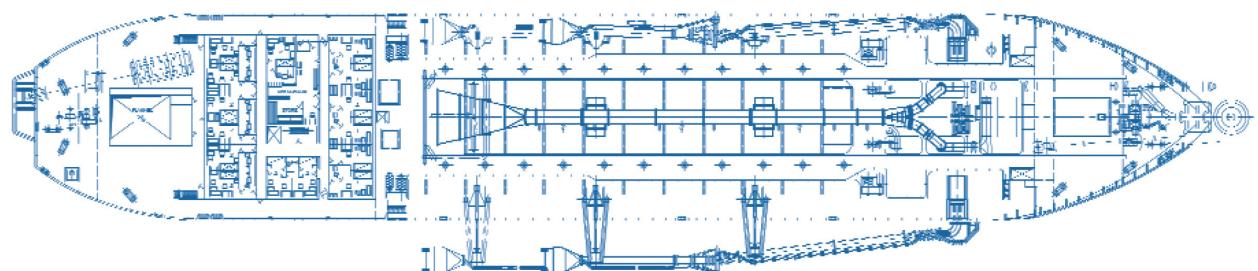
Gross tonnage	9,773
Length overall	133.58 m
Breadth	23.13 m
Moulded depth	10.00 m
Max. draught empty	5.66 m
Max. draught Int. load line	7.95 m
Max. draught dredging load line	8.81 m
Carrying capacity (D.W.)	14,335 t
Hopper capacity	8,116 m ³
Suction pipe diameter	2 x 1.00 m
Max. dredging depth	49.00 m
Discharge systems	44 bottom doors/pump ashore/ rainbow installation
Sailing speed loaded	13.5 kn
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

FEATURES

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



SIDE VIEW



TOP VIEW DECK LEVEL