



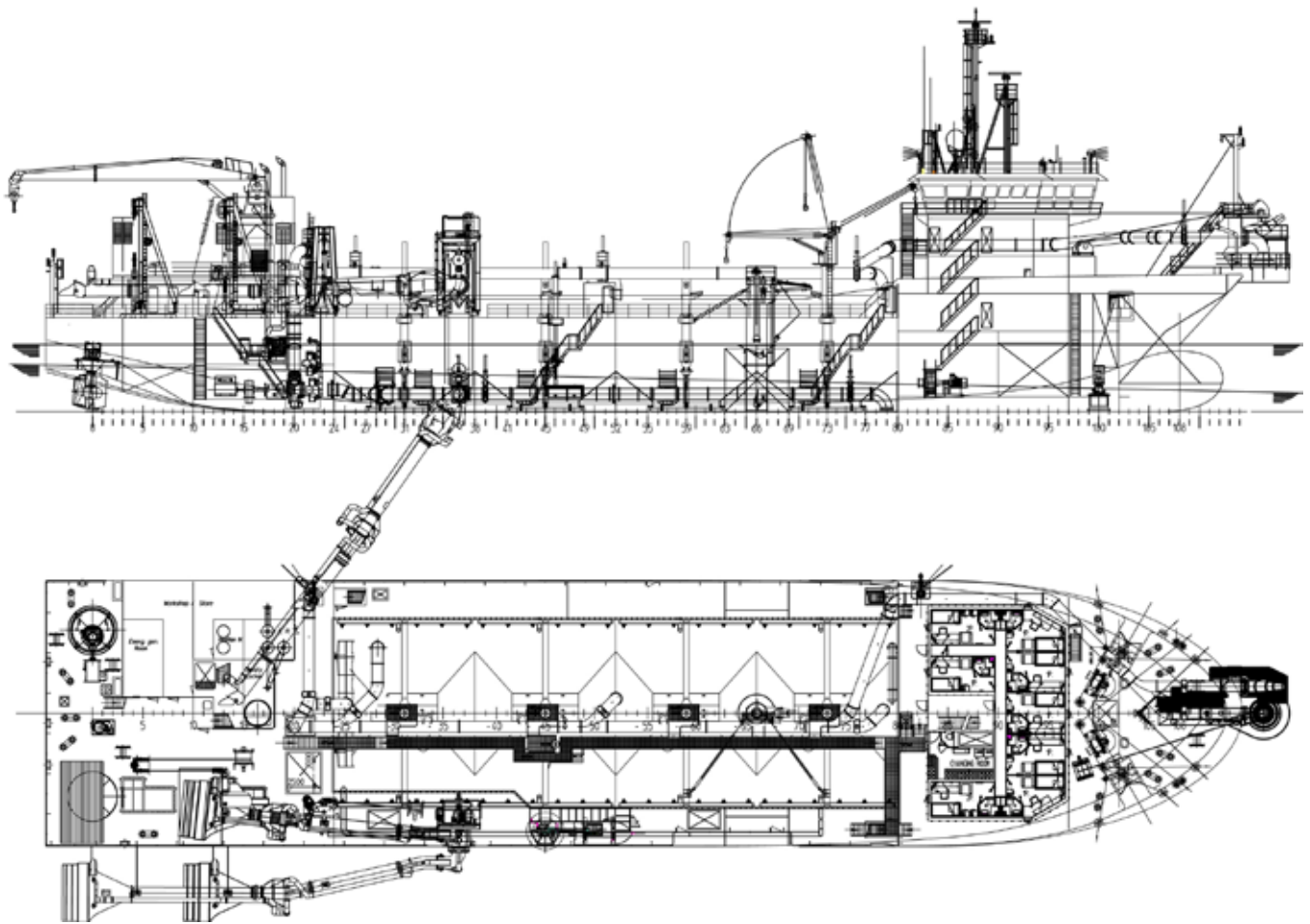
Alvar Nuñez

3 400 m³ Trailing suction hopper dredger

Alvar Nuñez Cabeza de Vaca and Sebastiano Caboto are dredgers specifically designed for operation in shallow waters with hopper capacity of 3 400 m³ and a loaded draught of only 5 meters. The new hopper dredgers are under construction and will be delivered in 2011 by Tianjin Xinhe Shipyard in the Peoples Republic of China.

MAIN FIGURES

Hopper capacity	3 400 m ³
Deadweight at dredging draught	4 800 tonnes



MAIN PARTICULARS

Length over all	93.25 m	Water ballast (fore peak)	250 m ³
Length between PP	81.00 m	Main generators	3 x 1 350 kW
Breadth mld	19.80 m	Rudder propellers	2 sets
Depth mld	7.00 m	Dredgepump drive	2 000 kW
Deadweight at dredging mark	3 400 dwt	Bow thruster	350 kW
Dredging draught	5.00 m	Deck crane fore	10 kN
Hopper capacity	3 400 m ³	Deck crane aft	180 kN
FO tanks	400 m ³	Accommodation	14 pers
FW tanks	100 m ³	Speed (mean draught 4.50 m)	10.0 knots

CLASS

BUREAU VERITAS: I* HULL*MACH *AUT-UMS, Hopper Dredger, Unrestricted navigation.

NO. OF BUILT VESSELS	YARD	OWNER	FLAG	DELIVERY YEAR	SCOPE
2	Tianjin Xinhe Ship-building Heavy Industry, Co., Ltd., China	Jan De Nul Group, Belgium	Luxembourg	2011	Basic and Detail design