



VOS APOLLO

Anchor-handling tug supply vessel

DP-1

Vessel number 3057

GENERAL

Flag	Gibraltar
Place built	Fujian South East Shipyard, China
Year built	2011
Class	RINA
Class notation	C* tug; supply vessel, anchor handling, rescue (X, Y), special service, multipurpose ship, fire-fighting ship - 1 - water-spraying unrestricted navigation, 1446, efficient ship DYNAPOS AM - SPS
Call sign	ZDNV4
Vessel type	Anchor-Handling Tug Supply vessel

PRINCIPAL DIMENSIONS

Length overall (LOA)	59.25 m
Beam	14.95 m
Maximum draft	4.95 m
Net registered tonnage	503 t
Gross registered tonnage	1,678 t
Deadweight	1,360 t

MACHINERY & PROPULSION

Main propulsion output	2
Main propulsion type	CAT 3516B diesel
Total BHP	5,150
Propellers	2 x CPP in fixed kort nozzles
Bow thruster	1 x Kawasaki KT-72B3 - 515 kW - 8 t
Stern thruster	1 x Kawasaki KT-55B3 - 390 kW - 6 t
Main generator	2 x CAT C18 350 kW
Shaft generator	2 x Leroy Somer 800 kW
Emergency generator	CAT 65 kW
Rudders	Standard

PERFORMANCES

Fuel consumption at 12 knots	Abt 11.5 mt/day
Fuel consumption at 10 knots	Abt 8 mt/day
Fuel consumption at 8 knots	Abt 6 mt/day
Fuel consumption in port	Abt 0.5 mt/day
Fuel consumption in DP mode	Abt 6 mt/day
Fuel type	ISO 8217: 2005 DMA - marine diesel oil

LIFE-SAVING EQUIPMENT

Life rafts	Total 6: capacity 150 men
Rescue boat	25 HP OBM, capacity 6 men

EXTERNAL FIRE FIGHTING

Capacity	FIFI 1 - 2,400 cu m per hr
Monitor	2 x 1,200 cu m per hr
Throw x height	120 m x 50 m

CARGO CAPABILITIES

Fresh water	304 m ³ @ 100 m ³ /hr at 75m head
Drill water	253 m ³ @ 100 m ³ /hr at 75m head
Fuel capacity (100%)	527 m ³ @ 150 m ³ /hr at 75m head
Liquid mud	378 m ³ @ 70 m ³ /hr
Dry bulk	186.88 m ³ @13 m ³ /hr (4 x 1,650 cu ft each)
Clear deck area	350 m ²
Deck cargo	500 t

COMMUNICATIONS EQUIPMENT

HF radio	Furuno RC-1500-1T 400W
VHF radio	2 x Furuno
Portable VHF radio	3 x Furuno
Satellite communications	Furuno SAT C (voice and fax)
E.P.I.R.B.	McMurdo 406
GMDSS Compliance	Area A3

NAVIGATION EQUIPMENT

Radar no. 1	Furuno X-band (21" screen)
Radar no. 2	Furuno X-band (15" screen)
Echo sounder	Furuno FE 702
Navtex	NX 700
Gyro compass	Anschutz STD 22
Auto pilot	Nautopilot NP 60
GPS	GP 150
DP system	Kongsberg
Reference system 1	DGPS 110
Reference system 2	DGPS 112

DECK MACHINERY

Tugger winch	2 x 10 t @ 15m/min
Capstans	2 x 5 t @ 15m/min
Deck crane	1 x 3 t @ 9 m

TOWING & ANCHOR HANDLING

Bollard Pull	65.3 t
Winch	Plimsoll waterfall type
Line Pull	150 t
Brake capacity	200 t
Anchor handling wire and towing wire	100 m and 1,000 m x 56 mm
Anchor handling wire capacity	100 m x 56 mm
Tow drum capacity	1,000 m x 56 mm
Spare tow wire capacity	1,000 m x 56 mm
Stern roller	4.0 m x 1.6 m - SWL 200 t
Tow pins	2 x closed top type - SWL 200 t
Shark jaws	SWL 200 t

ACCOMMODATION

Crew	13
Special personnel	47
Special personnel bunks	24
Hospital	Yes

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This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure the accuracy of the information presented, no guarantees of accuracy can be given. For enquiries, kindly email us at chartering@it.vroonoffshore.com.



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