



VOS CHAMPION

Anchor-handling tug supply vessel

DP-2

Vessel number 3082

GENERAL

Flag	Singapore
Place built	Fujian South East Shipyard, China
Year built	2016
Class	ABS + A1 offshore support vessel (supply, tow, AH, FFV1, OSR-C2) + AMS + DPS-2, ACCU, UWILD, ENVIRO
Call sign	9V3690
Vessel type	Anchor-Handling Tug Supply vessel

PRINCIPAL DIMENSIONS

Length overall (LOA)	65 m
Breadth moulded	16.4 m
Design draft	5.4 m
Gross tonnage	2,387 t
Deadweight	1,781 t

MACHINERY & PROPULSION

Main engine	2 x MAK 8M25C 2,400 kW
Propulsion system	Controllable pitch propellers
Total BHP	6,500 BHP
Bow thruster	2 x 8 t (550 kW) electric driven
Stern thruster	8 t (550 kW) electric driven
Generator	3 x 450 kW diesel driven
Shaft generator	2 x 1,200 kW main engine driven
Emergency generator	130 kW diesel driven

PERFORMANCES

Fuel consumption at 9.5 knots	Abt 12 m ³ /day
Fuel consumption at 7.5 knots	Abt 8.3 m ³ /day
Towing at 4.5 knots	Abt 17 m ³ /day
DP mode	Abt 5 m ³ to 7 m ³ /day
General field duties - average	Abt 7 m ³ /day
Fuel type	ISO 8217: 2005 DMA or later revisions

ACCOMMODATION

Cabins	11 x 1 bed, 14 x 2 beds
Total	39
Hospital	1

LIFE-SAVING EQUIPMENT

Life rafts	6 x 25 men life rafts
Rescue boat	1 x 6 men rescue boat with 25 HP OBM

EXTERNAL FIRE FIGHTING

Capacity	ABS FIFI 1 - 2,400 m ³ per hr
Monitor	2 x 1,200 m ³ per hr
Throw x height	120 m x 45 m

CARGO CAPABILITIES

Fresh water	414 m ³ @ 100 m ³ /hr at 70m head
Drill water	1,200 m ³ @ 100 m ³ /hr at 70m head
Fuel capacity (100%)	557 m ³ @ 100 m ³ /hr at 70m head
Liquid mud / brine / ORO	395 m ³ @ 75 m ³ /hr at 50m head
Dry bulk	186 m ³ @ 40 m ³ /hr at 60m head (4 x 1,650 ft ³)
Foam	12 m ³
Detergent	12 m ³
Deck loading	7 t/m ²
Clear deck area	425 m ²
Deck cargo capacity	700 t

COMMUNICATIONS EQUIPMENT

HF radio	Furuno model RC-1800T
VHF radio	Furuno FM-8800S
Portable VHF radio	3 x McMurdo Model R2 GMDSS
Satellite EPIRB	McMurdo model SMARTFIND E5
Navtex receiver	Furuno NX-700A (GMDSS)
SART	2 x McMurdo S4 Rescue SART
Automatic Identification System (AIS)	Furuno FA-150
Remote Fuel Monitoring System	Krohne flow meters + eGenKit system

NAVIGATION EQUIPMENT

Radar no. 1	X-Band radar
Radar no. 2	S-Band radar
GPS	GPS plotter
Echo sounder	Navigational Echo-Sounder
Electronic Chart Display System	ECDIS
Auto pilot	Auto pilot system
Gyro compass	3 x gyro compass
Magnetic compass	magnetic compass
Dynamic positioning	Kongsberg DPS-2
DP position references	DGPS1, DGPS2, laser (Cyscan MK4)

DECK MACHINERY

Tuggers	2 x 10 t @ 15m/min
Capstans	2 x 5 t @ 15m/min
Deck crane	3 t SWL @ 10 m

TOWING & ANCHOR HANDLING

Bollard pull	85 t
Anchor handling drum capacity	1,500 m x 64 mm wire rope
Towing drum capacity	1,500 m x 64 mm wire rope
Line pull for AH/towing winch	150 t
Brake holding for AH/towing winch	250 t
Clutch type	Manual / removable
Spare tow wire capacity	1,500 m x 64 mm wire rope
Stern roller	5 m x 1.6 m, 300 t
Tow pins	2 x towing pins of 300 t SWL
Wire/chain stopper	Karmfork of 300 t SWL

05/02/2023

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@sg.vroonoffshore.com.