

UNFINISHED VENTURE
5500DWT PRODUCT OIL**PRINCIPAL PARTICULARS**

Length Overall	99.6 m
Length Between Perpendicular	94.0 m
Beam Noulded	18.0 m
Depth Moulded	9.6 m
Summer Draft	6.0 m
Scantling Draft	6.5 m
Height from Keel	29.5 m
Built	China
Delivery	Oct 2013
Gross Tonnage	5034
Net Tonnage	1686
Class	American Bureau of Shipping
Notation	ABS + A1E Oil Tanker for Product Oil Type 3 (+2K), ESP, FP, <60C. +AMS+ACC, VEC
Flag (Port of Registry)	Marshall Island (Majuro)
Call Sign/IMO	V7PH6 / 9523471

PERFORMANCE

Speed Max (Loaded)	12.6 Knots
Speed (MCR 85%)	12.0 Knots
Edurance	5000 Nm
M/E MCR (85%)	11.50 Ton/Day
Aux Engines	1.10 Ton/Day

CARGO CAPACITIES

Deadweight (Design/Scantling)	5500 t / 6388.2 t
Cargo tanks (incl slop tanks)	7458 m3
Slop tanks	326 m3
Heavy Fuel Oil (380 cSt) tanks	300 m3
Light Diesel Oil tanks	139 m3
Lube Oil Cir/Clean tanks	52 m3
Fresh Water tanks	180 m3
Technical Fresh Water	220 m3
Water Ballast tanks	2895 m3

PUMPS

Cargo Pumps	2 sets twin-screw type 750 m3/hr 90 mLc, SG 0.8 t/m3, 2- 403kw, 1450 r/min 1 set twin-screw type 300 m3/hr 90 mLc, SG 0.8 t/m3, 1-230kw, 1450 r/min
Ballast Pump	2 set Centrifugal type , 300m3/h Horizontal selfpriming
Slop Stripping Pump	14 sets, air-drive type, max 7 m3/hr

MACHINERY

Main Engine	(1) set, MaK 9M25, MCR 2970 kw X 750 rpm
Main Generators	3 Sets Cummins 350 KW @ 1800 rpm / 450V / 3PH / 60Hz
Emergency Generator	1 Set Cummins 92 KW @ 1800 Rpm 450V/3Ph/60 Hz
Auxiliary Boiler	(1) set, Vertical, water tube type 4000 kg/m
Air Compressors	(2) sets for Starting, piston type 25 m3/hr (1) set for Emergency, motor-driven, 25 m3/hr (1) set for Deck, motor-driven, 25 m3/hr
Bow Thruster	1 x 250 kw, 1750 rpm, FPP driven by electric motor Diameter of tunnel to be 1000 mm
Steering Gear	1 x Electro-hydraulic piston type
Propeller	1 x Fixed Pitch type, abot 3.16 m dia, 214.3 rpm
Rudders	high performance streamline type

DECK EQUIPMENT

Anchor Windlass	2 x hydraulic type, each with 1 gypsy wheel 1 hawser drum & 1 warping head 9.2 t X 9m/mim at gypsy wheel, 5 t X 15 m/min with local control
Mooring Winch	2 X Hydraulic type each 1 hawser drum & 1 warping head
Deck Crane	Single Jib Type 2.0 t X 12 m/min, 15m flowboom, slewing angle 360
Provision Hoist Davit	Single Jib Type, Electric Motor, 1.0 t X 12 m/min, 8.0M outreach
Anchors	2 X 3060 Kg stockless anchors, SPEK type 1 x 3070 Kg stockless anchors, SPEK type
Chain Cable	2 stud chain cables for bower anchors 44 mm diameter, Grade U3, total length 495 m

ACCOMMODATION

Berths	Capt Class	2 x 1 berth cabin =	2
	Officer Class	7 x 1 berth cabin =	7
	Other Class	7 x 1 berth cabin =	7
Total			<u>16</u>
Hospital		1 x 1 berth cabin =	1

RADIO AND NAVIGATION EQUIPMENT

	GMDSS	1 set
	Flet 77/ Globe i250	1 set each (Sat Voice & Mail)
	Inmarsat C / SSAS	2 set Furuno Felcom 15
	MF/HF DSC watch receiver	1 set Furuno FS 2570
	VHF Radio	1 set Furuno FM-8800S
	Navtex Receiver	1 set Furuno NX-700A
	SART	2 sets 9 GHz
	EPIRB	1 set SARACOM
	Voyage Data Recorder (VDR)	1 set VR-3000
	Portable VHF Radios	3 sets Mc. Murdo
	Radar	1 x Furuno X Band FAR 2127 1 x Furuno S Band FAR 2127S
	Weather Fax	1 x Furuno Fax-408
	AIS	1 x Furuno FA 150
	Doppler Log	1 x Furuno DS-801
	Echo Sounder	1 x Furuno FE-701
	ECDIS	1 x Furuno EC1000C
	Auto Pilot	1 x Tokimec
	Gyro Compass	1 x Tokimec
	Magnetic Compass	1 x Tokimec/SH
	GPS	1 x Furuno GP 50

Fire Fighting

Fire/Foam Pump	1 set Vertical centrifugal pump with self-riming about 130 m3/hr X 9 bar
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INTERNAL

Tank cleaning system	2 electric cleaning pump, 3 portable cleaning machine
Heating for cargo/slop tanks	1 set oil fired forced draft type steam boiler 4000 kg/hr
Gas dedection system	2 sets portable gas dedector
Tank Sounding system	Level and ullage measurement system, closed type
Pressure measure system	1 pressure sensor on top of each cargo/slop tank

MISCELLANEOUS

Liferafts	2 X 16 person inflatable life rafts
Rescue Boat	1 x 6 men powered by inboard engine
Incinerator	1 set IMO approved type capacity 400,000 kcal/hr
Oily Water Separator	1 EC/USCG approved type c/w 15 ppm alarm
Sewage Treatment Plant	1 set 20P size biochemistry type with uSCG cert

Particulars are believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notification.

