



**GENERAL**

Place of Build	Fujian South East Shipyard, China
Vessel Type	AHTS
Year Built	2009
Flag	Singapore
Call Sign	9V7931
Class	ABS

**COMMUNICATIONS EQUIPMENT**

HF radio	Furuno
VHF Radio	2 x fixed
Portable VHF Radio's	6 handhelds
Satellite Communications (Voice and Fax)	Mini M
E.P.I.R.B	McMurdo 406
GMDSS Compliance	Area A3

**PRINCIPLE DIMENSIONS**

Length Overall	59.25 metres
Beam	14.95 metres
Maximum Draft	4.95 metres
Net Registered Tonnage	507
Gross Registered Tonnage	1500

**NAVIGATION EQUIPMENT**

Radar No. 1	Furuno x-band (21" screen)
Radar No. 2	Furuno x-band (15" screen)
GPS	GP 150
Echo Sounder	Furuno FE 702
Navtex	NX 700
Auto Pilot	Nautopilot NP 60
Gyro Compass	Anchutz STD 22

**MACHINERY & PROPULSION**

Main Propulsion Number	2
Main Propulsion Type	CAT 3516B Diesel
Total BHP	5150
Propellers	2 x CPP in fixed nozzles
Bow Thruster	1 x electric motor, CPP
Lateral Thrust	6 tons
Main Generators	3 x 320 KW diesel driven
Auxiliary Generators	1 x 52 KW CAT
Rudders	Standard

**DECK MACHINERY**

Tugger Winch	2 x 10 tons
Capstan	2 x 5 tons
Deck Crane	1 x 3 tonnes @ 9 m

**PERFORMANCES**

Fuel Consumption at Max Speed	18 m3 per day @ 13 knots
Fuel Consumption at Service Speed	10 m3 per day @ 10 knots
Towing	20 m3 per day
Standby	1 m3 per day

**TOWING & ANCHOR HANDLING**

Bollard Pull	66 tons
Winch	Plimsoll Waterfall Type
Line Pull	150 tons
Brake Capacity	200 tons
Anchor Handling Wire Capacity	150 m x 52 mm
Tow Drum Capacity	1000 m x 52 mm
Spare Tow Wire Capacity	1000 m x 52 mm
Stern Roller	4.0 m x 1.5 m - SWL 180 tonnes
Tow Pins	2 x Karmoy pins
Shark Jaws	1 x Karmfork

**CARGO CAPABILITIES**

Fresh Water	360 m3 @ 100m3 per hr at 75m head
Drill Water	400 m3 @ 100m3 per hr at 75m head
Fuel Capacity	535 m3 @ 150m3 per hr at 75m head
Liquid Mud	200 m3 @ 75m3 per hr
Dry Bulk	4 X 1650 cu ft each, total 6,600 cu ft
Dead Weight	1360 tons
Clear Deck Area	28m x 12.5m = 350 Square Metres
Deck Cargo	500 tons

**LIFE SAVING APPARATUS**

Liferafts	6 = 150 men
Lifeboats	1 x 6 men

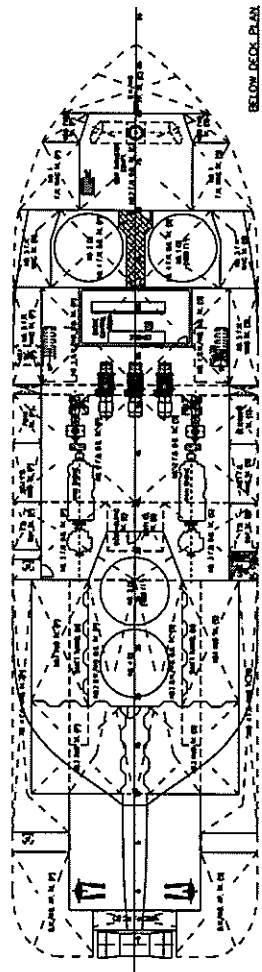
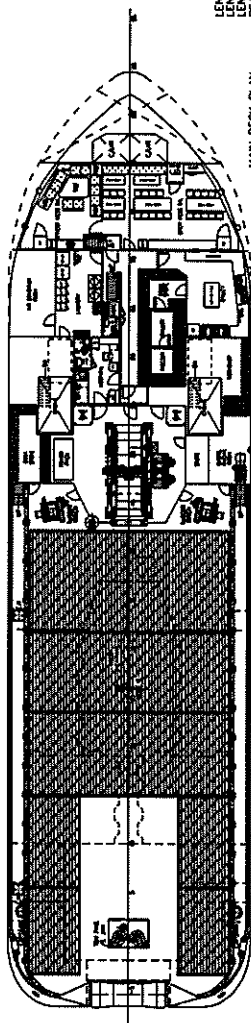
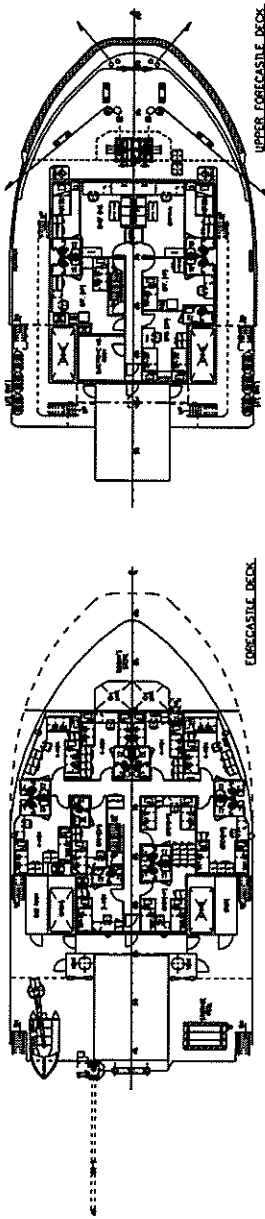
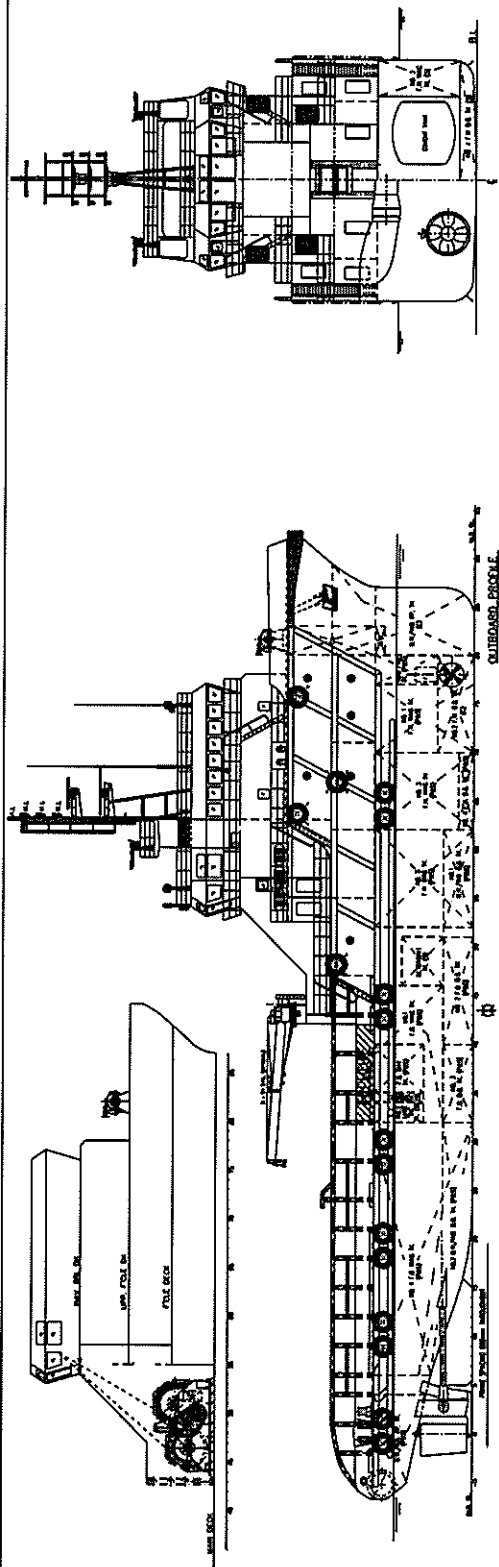
**ACCOMMODATION**

Crew Accommodation	12
Passengers	Total 38 (5 x 2 berth) & (2 x 4 berth)

**EXTERNAL FIRE FIGHTING**

Capacity	FIFI 1 - 2400 cu m per hr
Monitor	2 x 1200 cu m per hr
Throw x Height	120 m x 50 m

This technical specification sheet is subject to changes.



**PRINCIPAL DIMENSIONS**

LENGTH (O.A.) 59,200 M  
 LENGTH (R.L.) 56,000 M  
 BEAM (R.L.) 14,050 M  
 DEPTH (M.O.D.) 6,100 M  
 4,950 TONS  
 FUEL OIL 530 M<sup>3</sup>  
 FRESH WATER 380 M<sup>3</sup>  
 WASTE WATER / W.B. 400 M<sup>3</sup>  
 CLEAR DECK AREA 350 M<sup>2</sup>  
 DECK CARGO AREA (DECK LOADING = 757/M<sup>2</sup>) 500 TONS  
 DRY BULK TANKS (41,850 FT<sup>3</sup>) 187 M<sup>3</sup>  
 DIESEL ENGINE 2 X 2,000 KW  
 BALLAST PULL 110 KNOTS  
 COMPLEMENT 42 MEN  
 CLASS & NOTATION : BV, Class 1 + Hull + High "Supply Vessel & Tug"  
 Fighting Ship 1, Water Spraying, Anchor Handling,  
 Unrestricted Navigation

NO.	REV.	DATE	BY	CHECKED	SCALE	NO. IN SET
<b>JAVA MARINE LINES PTE LTD</b>						
<b>KHIAM CHUAN MARINE PTE LTD</b> 15, HILL STREET, SINGAPORE 048124 TEL: 8755345 (9 Lines) FAX: 8753188 EMAIL: kchi@design@kchi.com.sg						
<b>59m ANCHOR HANDLING SUPPLY VESSEL</b>						
<b>GENERAL ARRANGEMENT</b>						
NO. IN SET	REV.	DATE	BY	CHECKED	SCALE	NO. IN SET
1:150 KOM/031(A)-G1						