



Vessel Characteristics

Length, Overall:	229.8 ft	70.1 m
Beam:	49 ft	15 m
Depth:	20 ft	6.1 m
Maximum Draft:	16.2 ft	5 m
Minimum Height:	77.8 ft	23.7 m
Freeboard:	3.6 ft	1.1 m
Displacement:	3,600 lt	3,650 mt
Deadweight:	1,790 lt	1,810 mt
Clear Deck Space:	90 x 41 ft	27.3 x 12.5 m
Clear Deck Area:	3,520 ft ²	330 m ²
Deck Strength:	1,540 lb/ft ²	7.5 t/m ²

Class Notations:
 ABS: +A1, (E), Towing Vessel, FFV-1, +AMS, +DPS-2

TIDEWATER[®]

GOLDBLATT TIDE

70M Anchor Handling Supply Vessel

TIDEWATER[®] GOLDBLATT TIDE

Capacities

Deck Cargo:	590 lt	600 t
Fuel Oil:	219,000 gal	830 m ³
Potable Water:	39,000 gal	150 m ³
Fresh Water:	72,200 gal	270 m ³
Drill/Ballast Water:	112,000 gal	420 m ³
Bulk Tanks (4 tanks):	7,060 ft ³	200 m ³
Liquid Mud (21 lbs/gal):	3,350 bbl	530 m ³
Oil Dispersant:	3,480 gal	13.2 m ³
Fire Fighting Foam:	3,480 gal	13.2 m ³

Machinery

Main Engines (2):	Wartsila 6L26A		
Total HP:	5,430		
Propellers (2):	Wartsila CPP		
Kort Nozzles:	2		
Primary Generators (2):	370 kw	440 v	60 hz
Driven by:	Caterpillar 3408		
Secondary Generators (2):	1,230 kw	440 v	60 hz
Driven by:	Main Engine Shafts		
Emergency Generators (1):	60 kw	440 v	60 hz
Driven by:	Olympian GEP 63		
Bow Thruster (2):	Kawasaki CPP Tunnel		
Driven by:	515 kW Electric Motor		
Total Thrust:	17.3 st	15.7 mt	
Stern Thruster (1):	Kawasaki CPP Tunnel		
Driven by:	515 kW Electric Motor		
Total Thrust:	8.6 st	7.8 mt	

Performance

(Approximate values assuming Ideal Conditions)		
<i>Fuel Consumption Vs Speed</i>		
Maximum:	21 m ³ /day (230 gph) @ 13 knots	
Cruising:	13 m ³ /day (140 gph) @ 12 knots	
Economical:	12 m ³ /day (130 gph) @ 11 knots	
Range @ 12 Knots:	18,800 nm	
Bollard Pull	75 st	68 mt
<i>Transfer Rates</i>		
Fuel Oil:	440 gpm @ 250 ft	100 m ³ /h @ 75 m
Fresh Water:	440 gpm @ 250 ft	100 m ³ /h @ 75 m
Drill/Ballast Water:	440 gpm @ 250 ft	100 m ³ /h @ 75 m
Bulk:	29.4 cfm @ 180 ft	50 m ³ /h @ 56 m
Liquid Mud:	440 gpm @ 250 ft	100 m ³ /h @ 75 m

Tow/Anchor Handling

Winch:	ELECTRO-HYDRAULIC WATERFALL	
Model:	Brattvaag	
Line Pull:	150 mt	
Tow Wire:	1,200 m of 52 mm	
Work Wire:	1,200 m of 52 mm	
Pennant Reels (1):	1,200 m of 52 mm	
Shark Jaw:	1 in Karmfork Unit, 300MT	
Tow Pins:	2 in Karmfork Unit, 300MT	
Stern Roller:	3.5m X 1.6m; 250 mt SWL	

Deck Equip.

Anchors (2):	3505 lbs HHP	
Anchor Chain:	440 m of 38 mm chain per side	
Crane:	6 t @ 3 m	
Capstans (2):	5 t Brattvaag CMC 2205 (15m/min)	
Tugger (2):	10 t Brattvaag (15m/min)	

Nav/Comms Equip.

Radar(s):	2	
Depth Sounder:	1	
Gyro Compass:	3	
Doppler Log:	1	
Radio:	2 x VHF	
Sat Com:	1xInmarsat-C	

Accommodations

N ^o of Berths:	42		
1-man cabins:	4	2-man cabins:	3
4-man cabins:	8		
Certified to Carry:	42		
Galley seating:	40		
Hospital:	Yes		

Special Equip.

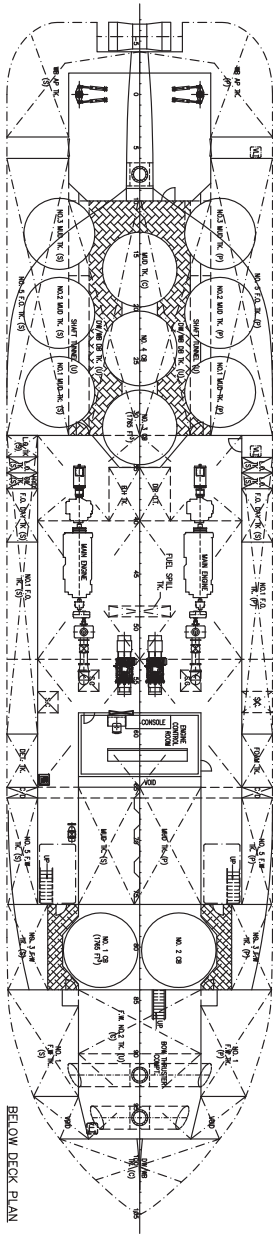
Firefighting:	FiFi-1	
Dynamic Positioning:	Kongs SDP-21	
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Laser-based 1 x Hydroacoustic	
Water Maker:	2x5T/Day	
Mud Circulation System:	Yes	
Rescue Boat:	6 Man SOLAS Approved	

Registration

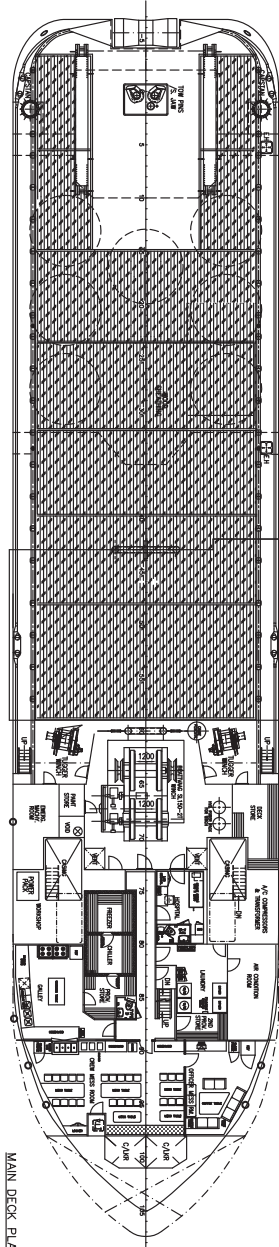
Flag:	VANUATU	
IMO N ^o :	9316270	
Year Built:	2004	
Builder:	JAYA SHIPBUILDING	
Call Sign:	YJUL6	
Tonnage (ITC):	1951 GT	585 NT

NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.

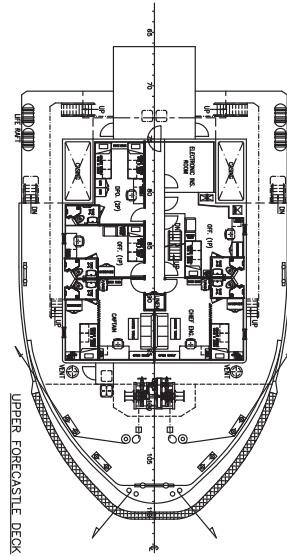
General Arrangement (Current configuration may vary.)



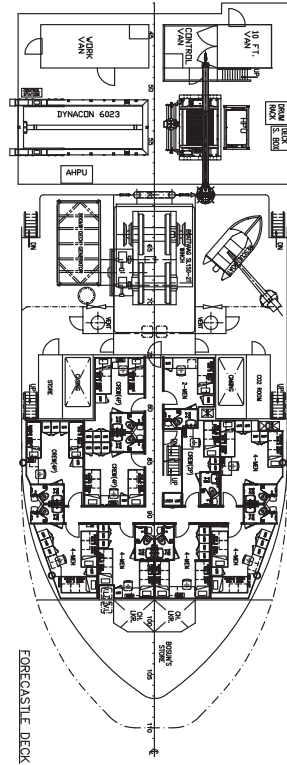
BELOW DECK PLAN



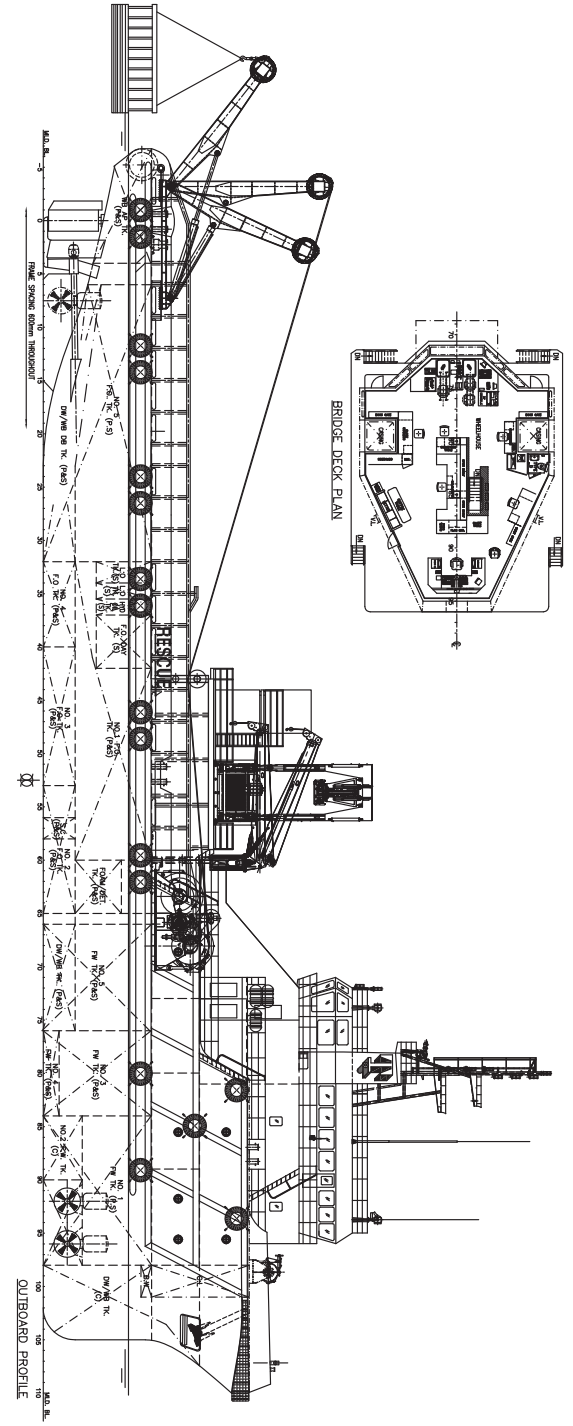
MAIN DECK PLAN



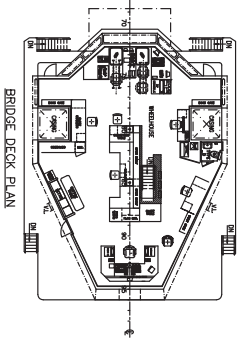
UPPER FORECASTLE DECK



FORECASTLE DECK



OUTBOARD PROFILE



BRIDGE DECK PLAN



KONGSBERG

DP Capability Plot JAYA HULL 836

Case number : 1
Case description : All thrusters active
Thrusters active : T1-T5
Rudders active : R1-R2

Input file reference : StatCap1666.scp
Last modified : 2003-09-24 14.22 (v. 1.5.0)

Limiting 1 minute mean wind speed in knots
at 10 m above sea level

Length overall : 70.0 m
Length between perpendiculars : 63.0 m
Breadth : 14.9 m
Draught : 4.9 m
Displacement : 3250.0 t (Cb = 0.69)
Longitudinal radius of inertia : 15.8 m (= 0.25 * Lpp)
Pos. of origin ahead of Lpp/2 (Xo) : 0.0 m
Wind load coefficients : Calculated (Blendermann)
Current load coefficients : Calculated (Strip-theory)
Wave-drift load coefficients : Database (Scaled by Breadth/Length)

Tidal current direction offset : 0.0 deg
Wave direction offset : 0.0 deg
Wave spectrum type : JONSWAP (gamma = 3.30)
Wind spectrum type : NPD
Current - wave-drift interaction : OFF
Load dynamics allowance : 1.0 * STD of thrust demand
Additional surge force : 0.0 tf
Additional sway force : 0.0 tf
Additional yawing moment : 0.0 tf.m
Additional force direction : Fixed
Density of salt water : 1026.0 kg/m³
Density of air : 1.23 kg/m³

Power limitations : OFF

#	Thruster	X [m]	Y [m]	F+ [tf]	F- [tf]	Max [%]	Pe [kW]	Rudder
1	TUNNEL	26.1	0.0	7.6	-7.6	100	515	
2	TUNNEL	23.7	0.0	7.6	-7.6	100	515	
3	TUNNEL	-27.0	0.0	7.6	-7.6	100	515	
4	PROP_AS	-31.5	3.4	35.0	-22.4	100	1960	SPADE
5	PROP_AS	-31.5	-3.4	35.0	-22.4	100	1960	SPADE

