



GENERAL		COMMUNICATIONS EQUIPMENT	
Place of Build	Fujian South East Shipyard, China	HF radio	Furuno
Vessel Type	AHTS	VHF Radio	2 x fixed
Year Built	2009	Portable VHF Radio's	6 handhelds
Flag	Singapore	Satellite Communications (Voice and Fax)	Mini M
Call Sign	9V8432	E.P.I.R.B	McMurdo 406
Class	ABS FIFI 1	GMDSS Compliance	Area A3

PRINCIPLE DIMENSIONS		NAVIGATION EQUIPMENT	
Length Overall	59.25 metres	Radar No. 1	Furuno x-band (21" screen)
Beam	14.95 metres	Radar No. 2	Furuno x-band (15" screen)
Maximum Draft	4.95 metres	GPS	GP 150
Net Registered Tonnage	503	Echo Sounder	Furuno FE 702
Gross Registered Tonnage	1678	Navtex	NX 700
		Auto Pilot	Nautopilot NP 60
		Gyro Compass	Anchutz STD 22

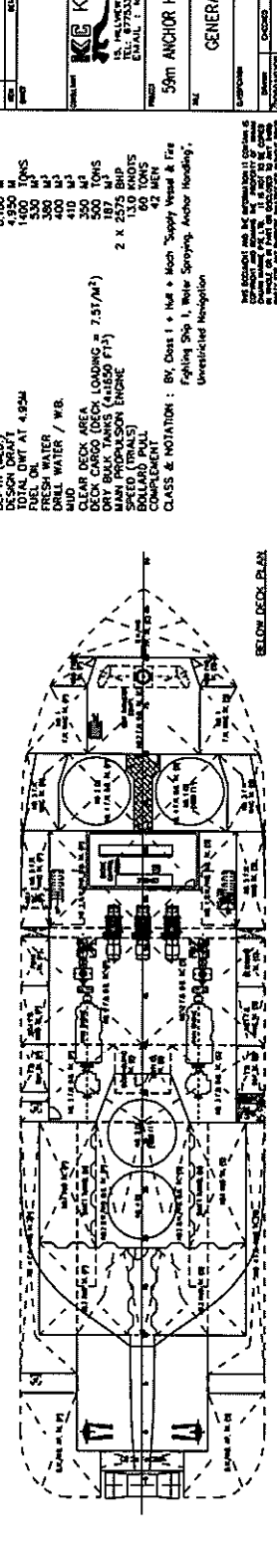
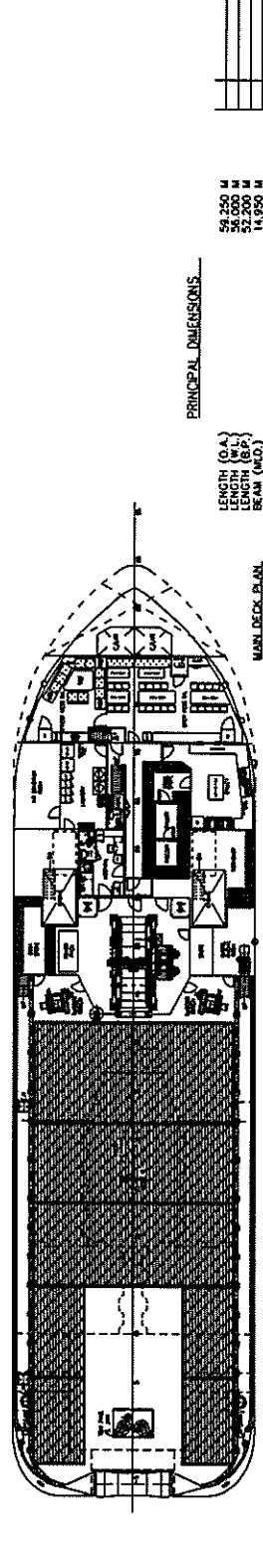
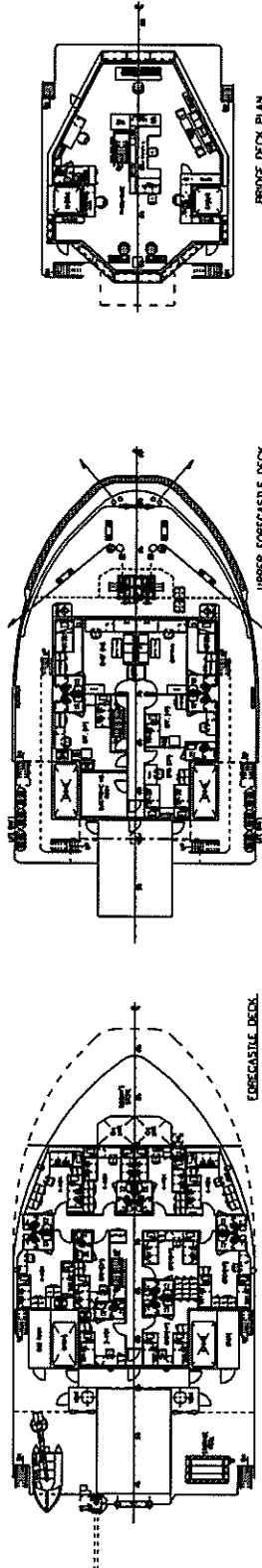
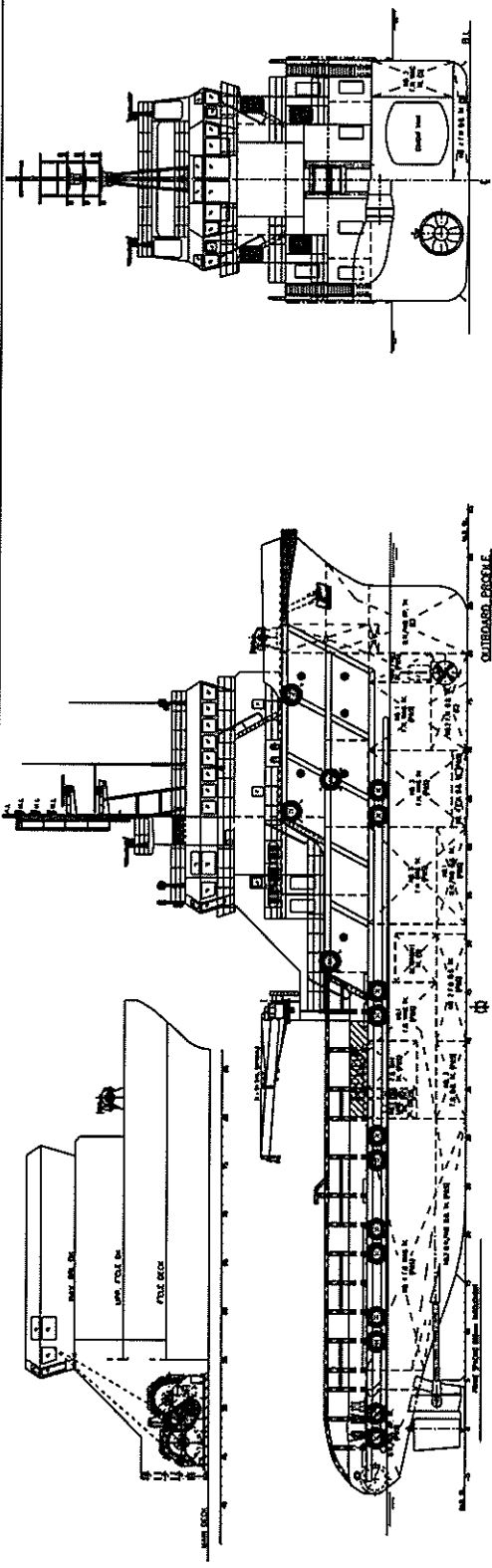
MACHINERY & PROPULSION		DECK MACHINERY	
Main Propulsion Number	2	Tugger Winch	2 x 10 tons
Main Propulsion Type	CAT 3516B Diesel	Capstan	2 x 5 tons
Total BHP	5150	Deck Crane	1 x 3 tonnes @ 9 m
Propellers	2 x CPP in fixed nozzles		
Bow Thruster	1 x electric motor, CPP		
Lateral Thrust	8 tons		
Stern Thruster	1 x electric motor, CPP		
Lateral Thrust	6 tons		
Auxillary Generators	3 x 320 KW diesel driven		
Emergency Generators	1 x 52 KW CAT		
Rudders	Standard		

PERFORMANCES		TOWING & ANCHOR HANDLING	
Fuel Consumption at Max Speed	18 m3 per day @ 13 knots	Bollard Pull	65 tons
Fuel Consumption at Service Speed	10 m3 per day @ 10 knots	Winch	Plimsoll Waterfall Type
Towing	20 m3 per day	Line Pull	150 tons
Standby	1 m3 per day	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		LIFE SAVING APPARATUS	
Fresh Water	360 m3 @ 100m3 per hr at 75m head	Liferafts	Total 6, capacity 150 men
Drill Water	400 m3 @ 100m3 per hr at 75m head	Rescue Boat	25 HP OBM, capacity 6 men
Fuel Capacity	535 m3 @ 150m3 per hr at 75m head		
Liquid Mud	365 m3 @ 70m3 per hr		
Dry Bulk	4 X 1650 cu ft each, total 6,600 cu ft		
Dead Weight	1360 tons		
Clear Deck Area	25m x 12.5m = 350 Square Metres		
Deck Cargo	500 tons		

ACCOMMODATION		EXTERNAL FIRE FIGHTING	
Crew	12	Capacity	FIFI 1 - 2400 cu m per hr
Passengers	30	Monitor	2 x 1200 cu m per hr
	(1 x 2 berth) & (7 x 4 berth)	Throw x Height	120 m x 50 m
	<b>Total 42</b>		

This technical specification sheet is subject to changes.



**PRINCIPAL DIMENSIONS...**

LENGTH (O.A.) 59.200 M  
 LENGTH (L.S.) 56.000 M  
 BEAM (M.O.) 14.000 M  
 DEPTH (M.O.) 6.100 M  
 DISPLACEMENT 4,850 TONS  
 TOTAL DWT AT 1.85M 5,300 TONS  
 FRESH WATER 380 M<sup>3</sup>  
 MHD. WATER / W.B. 400 M<sup>3</sup>  
 CLEAR DECK AREA 350 M<sup>2</sup>  
 DECK CARGO (DECK LOADING = 257/M<sup>2</sup>) 500 TONS  
 DRY BULK TANKS (41,650 FT<sup>3</sup>) 2 X 2  
 SPEED (TYRAL) 187 M.P.  
 BOLLARD PULL 110 KILOTONS  
 COMPLIMENT 60 TONS  
 42 MEN  
 CLASS & NOTATION : BV, Class 1 + Hull + Mech "Supply Vessel & Tug"  
 Fighting Ship 1, Water Spraying, Anchor Handling,  
 Unrestricted Navigation

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