



GENERAL SPECIFICATION

		ACCOMMODATION		PROPULSION SYSTEM	
Port of Registry	: Monrovia	1 Man Cabin x 6	: 6	Main Engine	: 2 x 6035 BHP, Diesel engine @
		2 Men Cabin x 6	: 12	(Wartsila)	750 rpm c/w Reduction gearbox
		4 Men Cabin x 3	: 12	Propeller	: 2 x CPP, 3,6 m Dia @ 4-bladed
		Total Persons On Board	: 30	Steering Gear	: 2 x Rotary Vane
			Hospital Room	: 1 Bed	Rudder
Hull No	: SNO. 0036	[FULLY AIR - CONDITIONED]		Bow Thruster	: 2 x 12.5 Tons, CPP (820 kW E. Motor)
Builder	: Universal Shipbuilding Corp Japan			Stern Thruster	: 1 x 12.5 Tons, CPP (820 kW E. Motor)
Designer	: Universal Shipbuilding Corp Japan				
Classification	: American Bureau Of Shipping				
Notation	: ABS +A1, (E), Offshore Support Vsl, AH, Towing Vsl, Fire Fighting Vsl Class 1, + DPS-2, + ACCU, + AMS				
		PROPULSION PERFORMANCE			
		Maximum Speed		: 14.6 Knots (approx.) @ 100% MCR	

PRINCIPAL PARTICULARS	ANCHOR MOORING SYSTEM	ELECTRIC POWER GENERATION
Length Overall : 68.00 M	Anchor Type : AC14, High Holding Power Type	Main Generators : 2 x 320 kW@450V/3Ph/60Hz
Breadth Moulded : 16.40 M	Anchor Capacity : 2 x 1710 kg	Emergency Generators : 1 x 72 kW@450V/3Ph/60Hz
Depth Moulded : 7.20 M	Anchor Chains : 2 x 16 Shackles L, 40 mm Dia, U3 Gr	Shaft Alternators : 2 x 1800 kW@450V/3Ph/60Hz
Summer Draft : 6.00 M		
Gross Tonnage : 2428		
Net Tonnage : 799		
Deadweight (Summer Draft) : 2546 tons (approx.)		
Free Deck Space : 440 m ² (approx.)		
Deck Strength : 10 & 5 Tons/m ²		
SAFETY EQUIPMENT	DECK EQUIPMENT	DYNAMIC POSITIONNING SYSTEM
Liferafts : 6 x 16 men	Anchor Windlass and : Electro Hydraulic System, Windlass	DP-2 System : 1 set
Rescue Boat (FRC) : 1 x 15 men c/w A-Frame Davit	Moorings Winch : with 15 Tons Duty Pull @ 12 m/min,	Maker : GE Power Conversion
Scrambling Net : 2 set	Moorings Drum with 15 Tons Pull @ 12 m/min	
Remarks: Vessel's Life Saving Equipment are in accordance with SOLAS / LSA Code & Flag State requirements.	Anchor Handling and : Double drum, Waterfall type	
	Towing Winch : @ electro hydraulic system,	
	Drum capacity of 2 x 2500 m x 76 mm Dia Wire,	
	450 Tons brake holding and	
	300 Tons pull force@10 m/min	
	Storage Drum Capacity : 1 x 1500m x 76 mm Dia wire	
	Towing Pin : 4 units for 160 Tons Bollard Pull	
	KarmFork : 2 units for 300 Tons MBL Wire	
	Stern Roller : 4 M (L) x 2 M Dia	
	Tugger Winch : 2 x 12 Tons @ Electro. Hyd. Sys	
	Capstan : 2 x 10 Tons @ Electro. Hyd. Sys	
	Deck Crane : 1 x 5 Tons (SWL) @ 12 m outreach	
	Reefer Point : 4 x 34A, 440V/3Ph/60Hz	
	4 x 17A, 220V/1Ph/60Hz	
FIRE FIGHTING & ANTI POLLUTION EQUIPMENT	OTHER EQUIPMENT CAPACITIES	NAVIGATION & COMMUNICATION EQUIPMENT
Fifi Classification : FFV1	Air Compressor for Bulk Sys. : 2 x 1110 m ³ /h @ 5.6bar	GPS Navigator : 2 unit
Fire Pumps Capacity : 2 x 1675 m ³ /hr @ 12.4 bar	Air Dryer for Bulk Sys. : 2 x 1800 m ³ /h @ 5.6 to 16 bar	DGPS : 2 units
Fire Monitor Capacity : 2 x monitor capacity of 1200 m ³ /h water, 300m ³ /hr foam	Oily Water Separator : 1 x 1m ³ /hr	Gyro Compass : 3 units
Oil Dispersant System : 2 x 5 m Spray Boom	Sewage Treatment : 1 unit, suitable for 40 men	Magnetic Compass : 1 unit
Remarks: 1 x Fixed Fire-Fighting System (CO2) and 1 x Fixed Local Application System (Water Mist) to Machinery Space of Cat A, Fire Detection and Alarm System and Fire Fighting Equipment are in accordance with SOLAS/ FFS Code & Flag State Requirements.		Radar (ARPA) : 2 units (1 x X-Band, 1 x S-Band)
		AIS : 1 unit
		Echo Sounder : 1 unit
		Speed Log : 1 unit
		Anemometer : 2 units
		BNWAS : 1 set
		Auto Pilot : 1 unit
		CCTV : 1 set
		Search Light : 2 units
		GMDSS Radio A3 : 1 complete set
		Navtex Receiver : 1 unit
		Fleet Broadband : 1 set
		Interior Com System : 1 set
		PA System : 1 set
		Sound Power Phone : 1 set
DISCHARGE PUMPS CAPACITIES		
Fuel Oil (Cargo) : 1 x 150 m ³ /hr @ 90m head		
Drill Water (Cargo) : 1 x 150 m ³ /hr @ 90m head		
Liquid Mud (Cargo) : 2 x 75 m ³ /hr @ 180m head		
Base Oil/ Brine (Cargo) : 1 x 75 m ³ /hr @ 180m head		

Fresh Water Tanks (m3)	
1 No.1 FW (P)	81.76
2 No.1 FW (S)	81.86
3 No.2 FW (P)	45.52
4 No.2 FW (S)	45.52
5 No.3 FW (P)	66.76
6 No.3 FW (S)	66.76
7 No.3 FW (C)	49.72
8 No.4 FW (P)	43.66
9 No.4 FW (S)	49.49
TOTAL:	531.05

Ballast Water Tanks (m3)	
1 F.P.T	46.26
2 No.1 DW/BW (P)	78.7
3 No.1 DW/BW (S)	74.43
4 No.2 DW/BW (P)	41.73
5 No.2 DW/BW (S)	42.13
6 No.3 DW/BW (P)	71.86
7 No.3 DW/BW (S)	80.69
TOTAL:	435.8

Fuel Oil Tanks (m3)	
1 No.1 FO (P)	58.05
2 No.1 FO (S)	61.07
3 No.2 FO (P)	189.75
4 No.2 FO (S)	189.75
5 No.3 FO (P)	132.41
6 No.3 FO (S)	132.41
7 No.3 FO (C)	67.28
8 FO Service (P)	50.25
9 FO Service (S)	35.86
10 FO Over Flow (C)	72.56
11 FO Drain (S)	1.24
TOTAL:	990.63

Mud Tanks (m3)	
1 No.1 Mud (P)	77.99
2 No.1 Mud (S)	77.99
3 No.2 Mud (P)	67.06
4 No.2 Mud (S)	67.06
5 No.3 Mud (P)	66.51
6 No.3 Mud (S)	66.51
TOTAL:	423.12

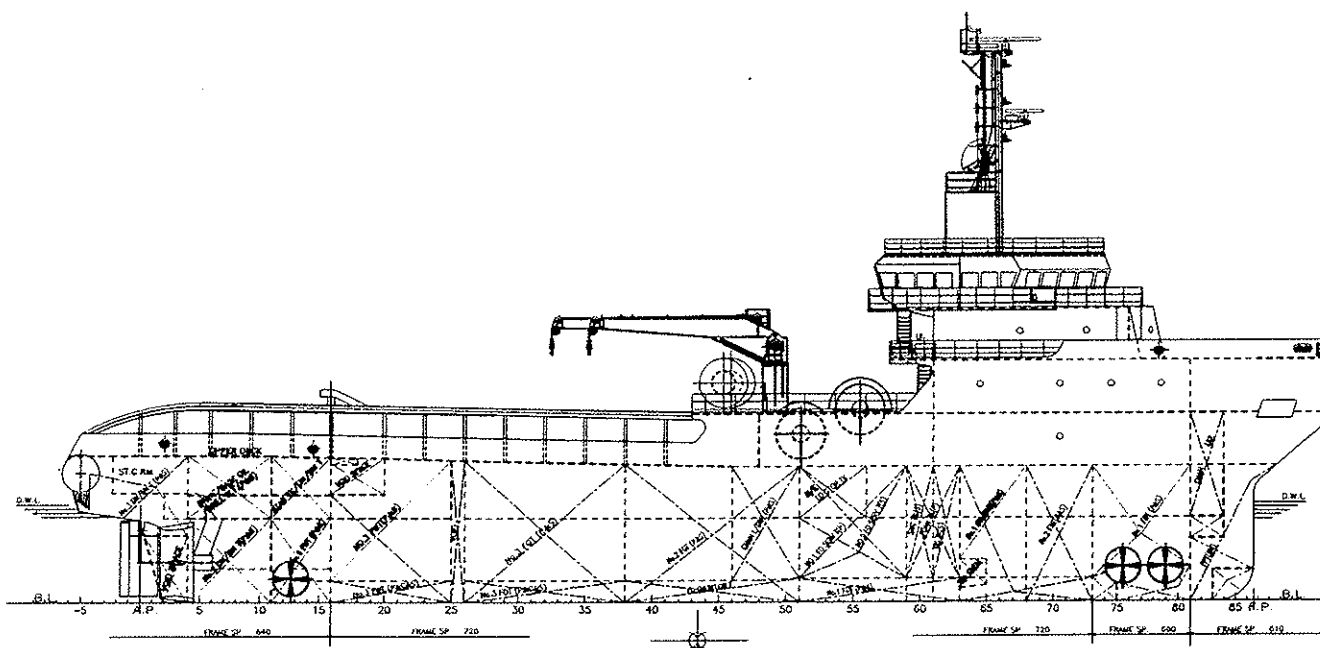
Bulk Tanks (m3)	
1 Bulk Tanks	4 x 62.5
TOTAL:	250

Miscellaneous Tanks (m3)	
1 RIG CL/DW (P)	76.62
2 RIG CL/DW (S)	76.62
3 Brine/ Base Oil/ DW (P)	80.57
4 Brine/ Base Oil/ DW (S)	84.14
5 STAB/DW/BW (C)	164.36
6 TECH W (P)	19.21
7 SLOP (S)	19.49
8 ME LO STOR (S)	14.39
9 No1 LO SUMP (P)	7.64
10 No1 LO SUMP (S)	7.64
11 Sludge (C)	11.12
12 Bilge (C)	11.12
13 Dirty Oil (P)	1.14
14 Sewage (S)	12.55
15 Foam (P)	25.01
16 Dispersant (S)	12.46
TOTAL:	624.08

[ALL INFORMATION ARE BELIEVED TO BE ACCURATE AT THE TIME OF PRINTING]

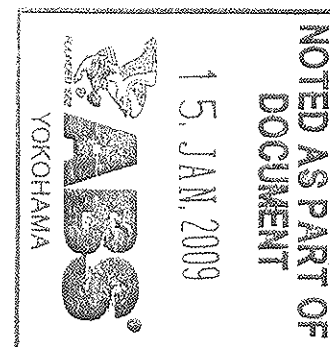
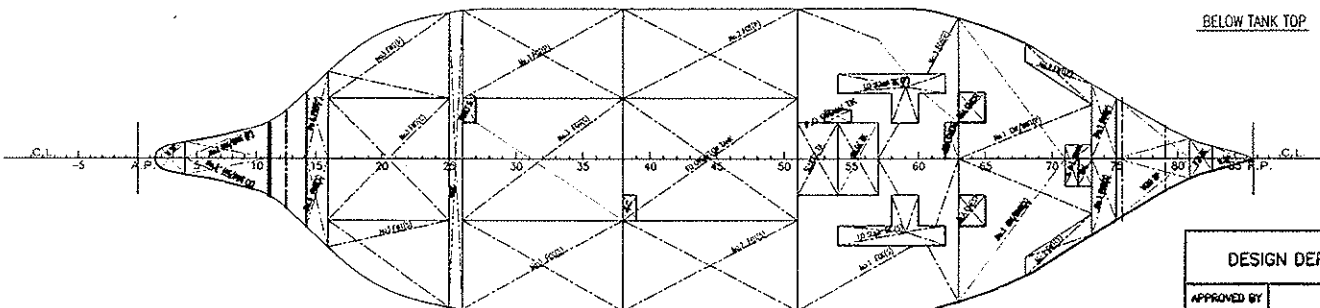
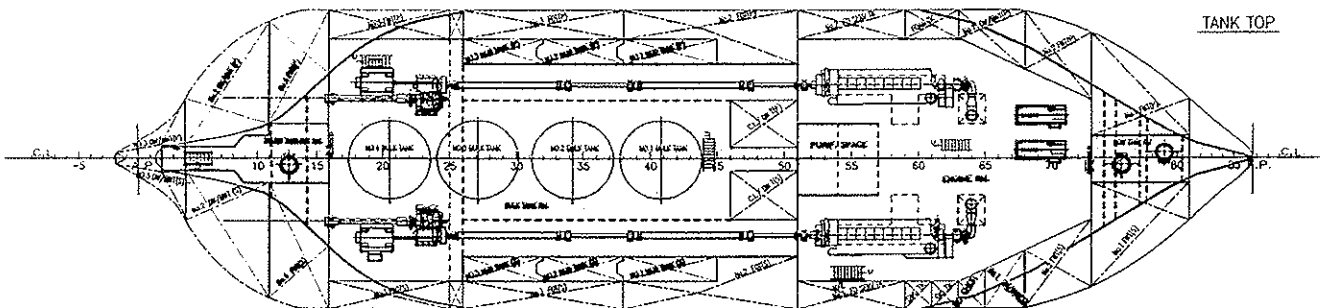
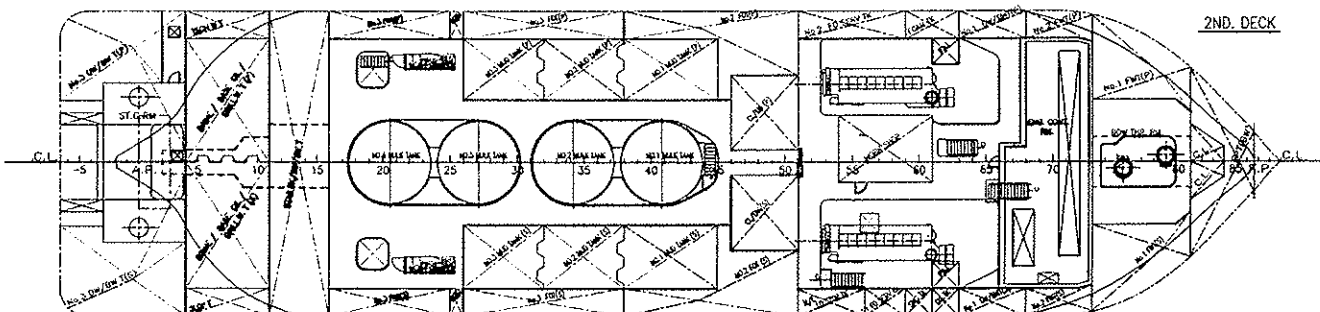
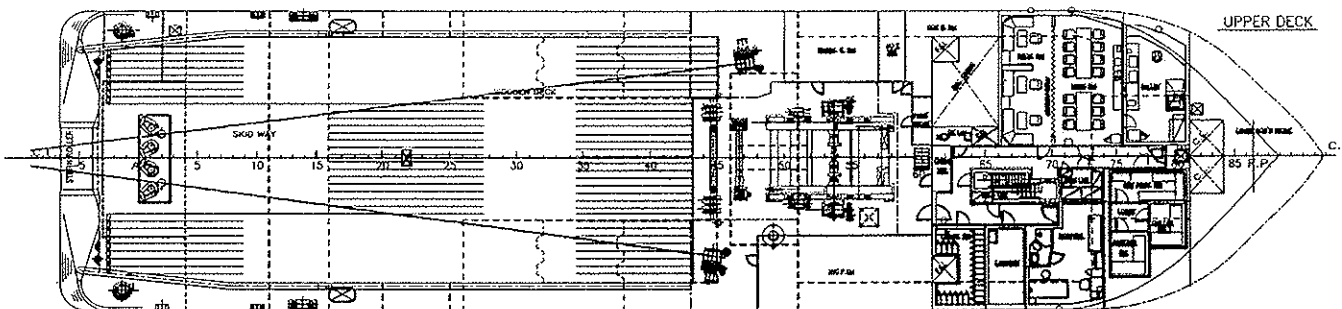
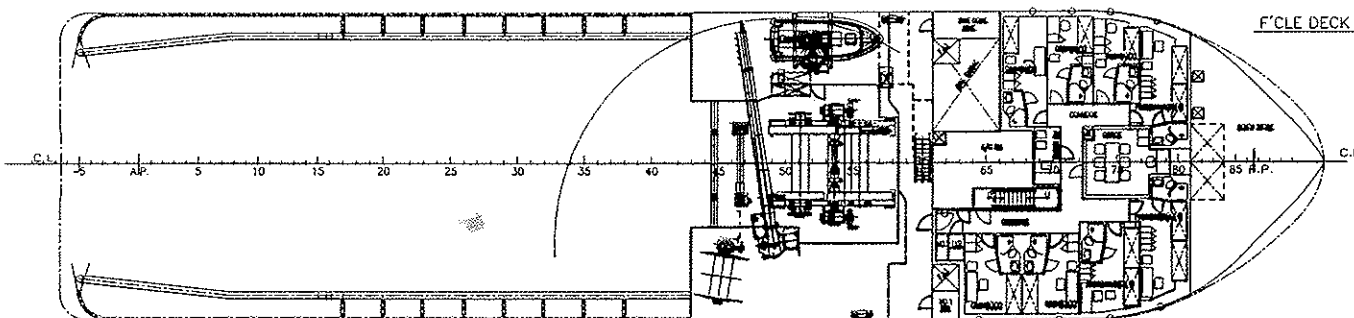
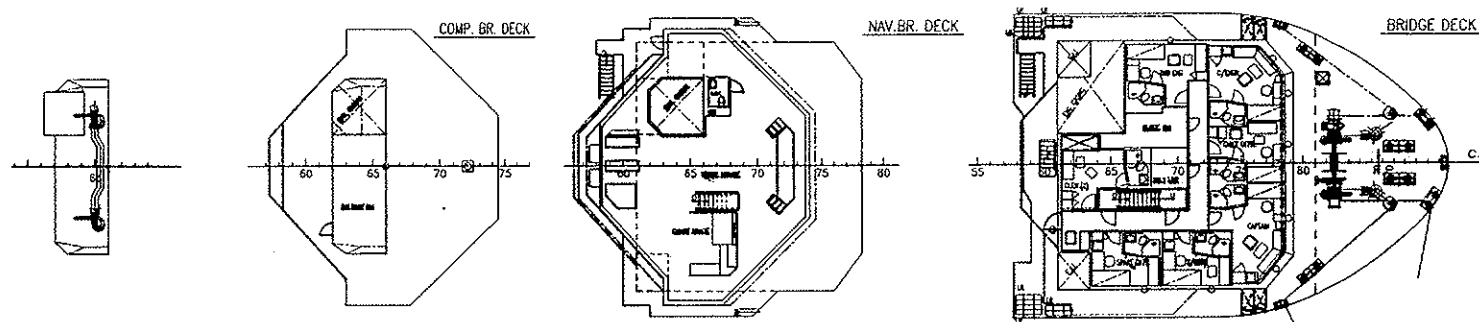
THIS TECHNICAL BRIEF SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTICE

UPDATED : 20-Sep-2016



PRINCIPAL PARTICULARS

LENGTH(O.A)	APPROX. 68.0m
LENGTH(B.P)	60.00m
BREADTH(MLD)	16.40m
DEPTH(MLD)	7.20m
DRAFT (DESIGN) (MLD)	5.20m
DRAFT (SCANT) (MLD)	6.00m



DESIGN DEPARTMENT	HULL No.	150T BP AHTS
	S.0035/36/40/41/51/52	
APPROVED BY	GENERAL ARRANGEMENT	
CHECKED BY		
CHECKED BY		
DESIGNED BY		
DRAWN BY		
DATE OF DRAWING		
SCALE		
1/200	Universal Shipbuilding Corporation	
	4011100	REV. —