

65M DP2 ANCHOR HANDLING SUPPLY VESSEL



GENERAL SPECIFICATION

		ACCOMMODATION	PROPULSION SYSTEM
Port of Registry	: SHANGHAI	1 Man Cabin x 2	: 2
		2 Men Cabin x 4	: 8
		4 Men Cabin x 7	: 28
		Total Persons On Board	: 38
Flag	: CHINA	Hospital Room	: 1 Bed
Year Delivered	: 2007/12/18	[FULLY AIR - CONDITIONED]	
Builder		: Nam Cheong Dockyard Sdn Bhd, Miri, Sarawak	
Designer		: Wartsila Ship Design (Formerly Conan Wu)	
Classification		: CCS	
Notation		: CCS+★CSA Tug/Offshore Supply Ship/Fire Fighting Ship 1; Anchor Handling ★CSM DP-2	
		PROPULSION PERFORMANCE Maximum Speed : 14.8 Knots (approx.) @ 100% MCR Bollard Pull : 120.3 Tons (approx.) @ 100% MCR	

PRINCIPAL PARTICULARS	ANCHOR MOORING SYSTEM	ELECTRIC POWER GENERATION
Length Overall : 64.80 M	Anchor Type : Stockless Bower Anchor	Main Generators : 2 x 405 kW@415V/3Ph/50Hz
Breadth Moulded : 16.00 M	Anchor Capacity : 2 x 2280 kg	Emergency Generators : 1 x 88 kW@415V/3Ph/50Hz
Depth Moulded : 6.50 M	Anchor Chains : 2 x 11 Shackles L, 42 mm Dia	Shaft Alternators : 2 x 1250 kW@415V/3Ph/50Hz
Summer Draft : 5.60 M		
Gross Tonnage : 2147		
Net Tonnage : 644		
Deadweight (Summer Draft) : 2048 Tons (approx.)		
Free Deck Space : 415 m ² (approx.)		
Deck Strength : 5.5 Tons/m ²		
SAFETY EQUIPMENT	DECK EQUIPMENT	DYNAMIC POSITIONNING SYSTEM
Liferafts : 6 x 20 men	Anchor Windlass and : Electro Hydraulic System, Windlass	DP-2 System : 1 set
Rescue Boat : 1 x 6 men c/w pivoting davit.	Mooring Winch : with 11 Tons Duty Pull @ 12 m/min,	Maker : GE Power Conversion
Scrambling Net : 2 set	Mooring Drum with 12 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	NAVIGATION & COMMUNICATION EQUIPMENT
	Towing Winch : @ electro hydraulic system,	GPS Navigator : 1 unit
		DGPS : 2 units
		Gyro Compass : 2 units
		Magnetic Compass : 1 unit
		Radar (ARPA) : 2 units (2 x X-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	OTHER EQUIPMENT CAPACITIES	
Fuel Oil (Cargo) : 1 x 150m ³ /hr @ 80m head	Air Compressor for Bulk Sys. : 2 x 1188 m ³ /h @ 6bar	
Drill Water (Cargo) : 1 x 150m ³ /hr @ 80m head	Air Dryer for Bulk Sys. : 2 x 1800 m ³ /h @ 5.6 to 16 bar	
Brine (Cargo) : 1 x 100m ³ /hr @ 80m head	Oily Water Separator : 1 x 1m ³ /hr	
Liquid Mud (Cargo) : 2 x 100m ³ /hr @ 80m head	Sewage Treatment : 1 unit, suitable for 38 men	

Fresh Water/ Drill Water/ Water Ballast Tanks (m3)	
1 No.1 FW / DW / WB (C)	102.7
2 No.2 FW / DW / WB (C)	102.4
3 No.3 FW / DW / WB (P)	33.2
4 No.3 FW / DW / WB (S)	33.2
5 No.3 FW / DW / WB (C)	21.3
6 FW/ DW (P)	66.8
7 FW/ DW (S)	66.8
TOTAL:	426.4

Fresh Water Tanks (m3)	
1 No.1 FW (P)	96.7
2 No.1 FW (S)	96.7
3 No.2 FW (P)	113.9
4 No.2 FW (S)	113.9
TOTAL:	421.2

Mud/ Brine/ Drill Water Tanks (m3)	
1 No1. Mud/ BR/ DW (C)	181.7
2 No2. Mud/ BR/ DW (C)	142.6
TOTAL:	324.3

Brine/ Drill Water/ Water Ballast Tanks(m3)	
1 No.1 BR/ DW/WB (P)	74.7
2 No.1 BR/ DW/WB (S)	74.7
3 No.2 BR/ DW/WB (P) RIG CL	98.9
4 No.2 BR/ DW/WB (S) RIG CL	98.9
TOTAL:	347.2

Fuel Oil Tanks (m3)	
1 No.1 FO (P)	123
2 No.1 FO (S)	123
3 No.1 FO (C)	96.5
4 No.2 FO (P)	123.7
5 No.2 FO (S)	131.7
6 No.2 FO (C)	70.9
7 FO DAY (P)	16.6
8 FO DAY (S)	16.6
TOTAL:	702

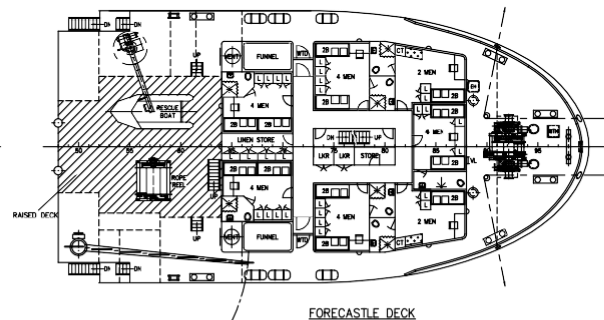
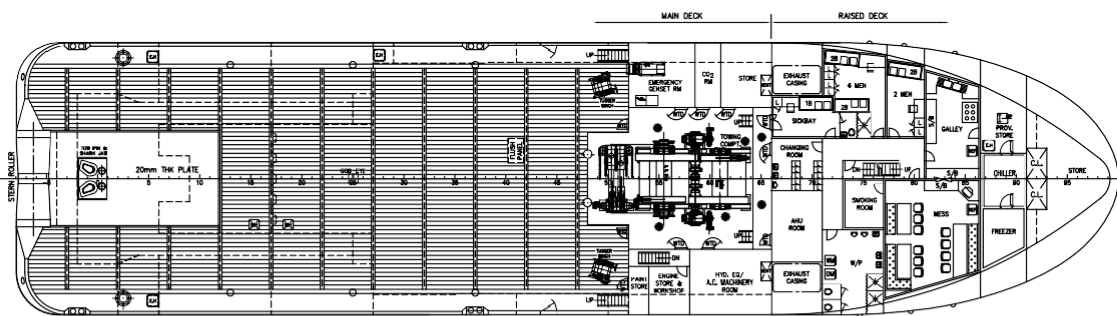
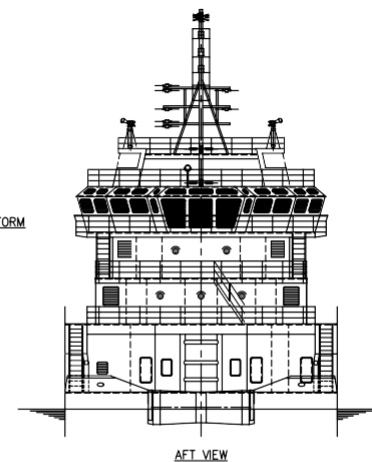
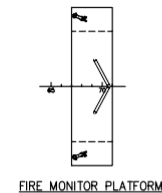
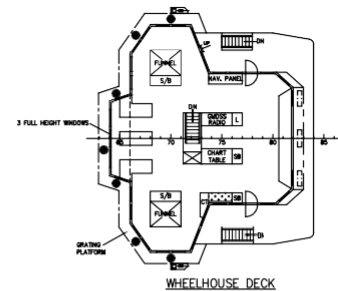
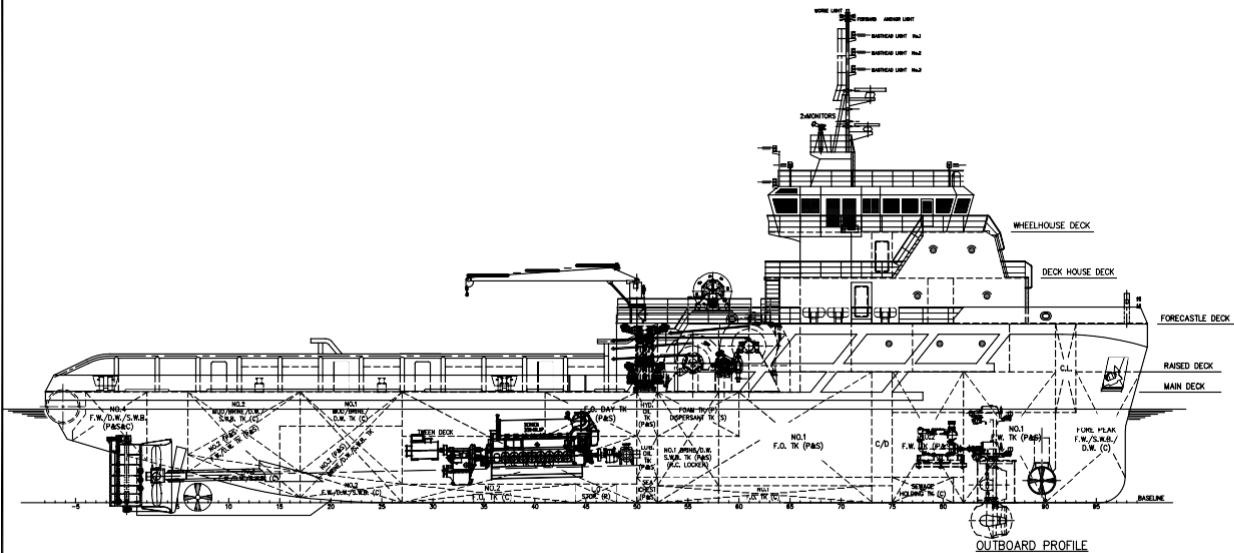
Cement Tanks (m3)	
1 Cement Tanks	4 x 53.8
TOTAL:	215.2

Miscellaneous Tanks (m3)	
1 Lube Oil (P)	2.7
2 Lube Oil (S)	2.7
3 Lube Oil STOR (P)	7.4
4 Hydraulic Oil (P)	3.7
5 Hydraulic Oil (S)	3.7
6 Bilge Holding (S)	7.4
7 Dirty Oil (C)	7.8
8 Sewage Holding (C)	15.9
9 Foam (P)	14.7
10 Dispersant (S)	14.7
TOTAL:	80.7

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

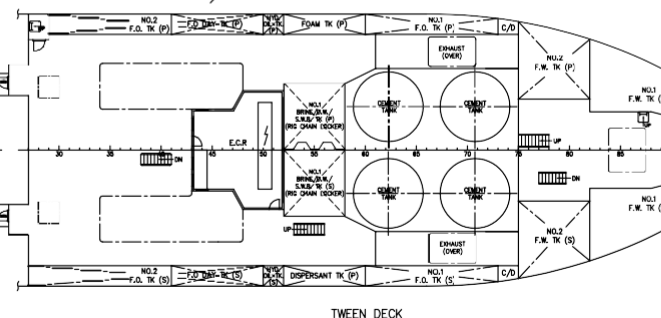
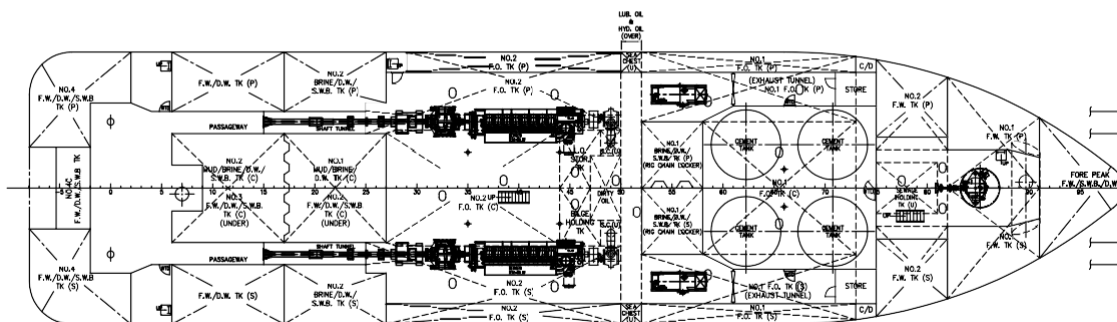
THIS TECHNICAL BRIEF SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTICE

UPDATED : 17-Feb-2016



PRINCIPAL PARTICULARS

LENGTH O.A.	64.80m
LENGTH W.L.	63.00m
BEAM MLD.	16.00m
DEPTH MLD.	6.50m
DRAFT DESIGNED/SCANTLING	5.50m/5.80m
COMPLEMENT	38 MEN



23.02.08	C	MODIFIED AS PER OWNER'S COMMENTS	LUA
22.09.05	B	MODIFIED AS PER OWNER'S COMMENTS	LUA
17.08.05	A	DEPTH INCREASED FROM 6m TO 6.5m, WINCH COMPARTMENT & TANKS MODIFIED, L/R TWEEN DECK & RIS CHAIN LOCKER ADDED AS PER OWNER'S REQUEST	LUA
DATE	REV	MODIFICATION	BY
SHEP:			
65m A.H./OFFSHORE SUPPORT VESSEL			
TITLE:			
General Arrangement			
OWNER: BEAM AREA/NAVIGATION SON BHD			
BUILDER: NAM CHEONG DOCKYARD SON BHD			
CLASS: ABS			
YARD NO.: NC 532			
CONAN WU & ASSOCIATES			
NAVAL ARCHITECTS			
INFORMATICS BUILDING LEVEL 16, 8 INTERNATIONAL BUSINESS PARK, ALJONG EAST, SINGAPORE 600994			
TEL: (65) 6562-1138 FAX: (65) 6562-1234 / 6562-0523, E-MAIL: mdu@cw.com.sg			
CROWN			
JAO TONG BUILDING LEVEL 16, 8003-2 STREET ROYALTY, SHANGHAI 200011			
TEL: (86) 21-64708710 FAX: (86) 21-64707332, E-MAIL: mdu@cw.com.cn			
DRAWN	CHECKED	APPROVED	SCALE
CHUA/LUA	CHUA		1 : 150
24.05.05	30.05.05		C3921/G-1
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