

M. V. STANFORD RHINE

FSV / SAFETY / UTILITY VESSEL



BUILT

Year	:	August 2009
Builder	:	Grandweld, Dubai - U.A.E
Class	:	ABS
Flag	:	Kingstown
IMO No	:	9549683
Call Sign	:	J8B4075

PERFORMANCE

Speed (Max)	:	22 Knots
Speed: (Cruising)	:	20 Knots
Consumption	:	120 USG/H
Deck Space	:	125 M ²
Deck Load	:	50 T
Deck loading at stern:	:	2 ton/M ²
Deck Cargo	:	30 MT

DIMENSIONS

Length (Overall)	:	41.00 M
Breadth (Moulded)	:	7.30 M
Depth (at midship)	:	3.50 M
Draft Loaded	:	1.75 M
Gross Tonnage	:	242
Net Tonnage	:	72

CAPACITIES

Fuel Oil	:	15000 USG
Fresh Water	:	10000 USG
Lube oil	:	300 USG
Hyd. Oil	:	50 USG
Black Water	:	300 USG
Grey Water	:	300 USG
Foam	:	100 USG
Dispersant	:	100 USG

PROPULSION - MACHINERY

Main Engines	:	3 x CAT, Model C32
Output / rpm	:	4009 BHP @ 2300 RPM
Gear Boxes	:	Twin disc MGX 6650 2.93:1 Ratio
Engine Control	:	ZF Pneumatic Control
Fixed Pitch Propellers:	:	3 x Five Blade, Ni-Al-BR
Aux. Generator Sets	:	2 x 84 CAT Gen Set C4.4 380V 50HZ 3 Ph
STEERING SYSTEM	:	Kobelt -Hydraulic
BOW THRUSTER	:	1x 75HP, thrust 1.6Tons

ACCOMMODATION

(Central Air-Conditioning System)		
Accommodation	:	10 Crew + 37 Passenger in Cabin
Offshore Personnel	:	25 Seating facility (Beurteaux seats)

DECK EQUIPMENT

Anchor Capstan	:	1 x HYPAC HHAW 15 - 16
Anchor	:	1 x Fortress Anchor
Fendering	:	Alum Pipe "D" Fender + Tyres
Deck Crane	:	2 Tons, Model P15000 L/4SI

AUXILLIARY MACHINERIES & OTHER EQUIPMENT

Oily Water Separator	:	1 x 0.5 M ³ /H x 15 Ppm
Fuel Oil Purifier	:	1 x 1150 Ltr/Hr
FW & SW Hydrophore	:	2 x 100 Ltr Tk With 2 Pumps 3 M ³ /H x 30 M - Azcuc Pump 1 x 200 Ltr Capacity
Water Heater	:	1 x 30 M ³ /H x 40 M - Azcuc Pump
Fire & GS Pump	:	1 x 3 M ³ /H x 30 Bar - NK
Starting Air Compressor	:	2 x 355 Ltr Air Receiver - NK 1 x 30 M ³ /H x 30 M - Azcuc Pump
Bilge Pump	:	1 x 25 M ³ /H x 30 M, - Azcuc Pump
FW Transfer Pump	:	1 x 1 M ³ /H x 15 M - Azcuc Pump
Sewage Pump	:	1 x 2 M ³ /H x 30 M - Azcuc Pump
Sludge Pump	:	1 x 30 M ³ /H x 38 M Diesel Engine Driven
Emergency Fire Pump	:	1 x 1960 Ltrs / Day
Sewage Treatment Plant	:	1 x 6 M ³ /H x 20 M - Azcuc Pump
Fuel Oil Transfer Pump	:	1 x 25 M ³ /H x 35 M - Azcuc Pump
Fresh water Cargo Pump	:	1 Each
Fuel Oil & FW Flow Meter	:	1 x 25 M ³ /H x 25 M - Azcuc Pump
Fuel Oil Cargo Pump	:	

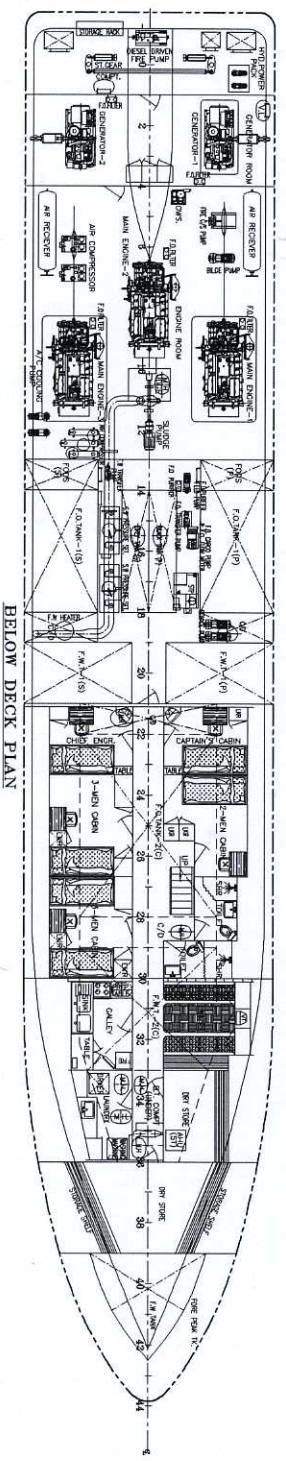
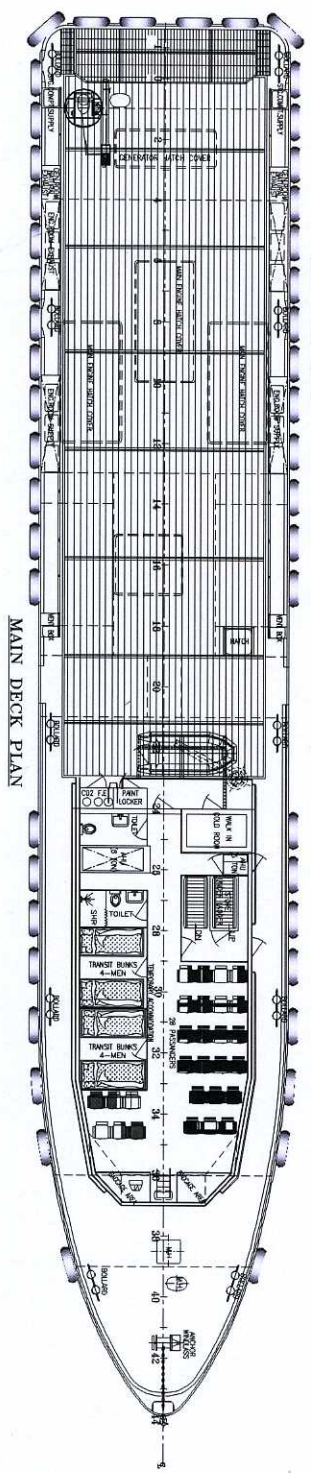
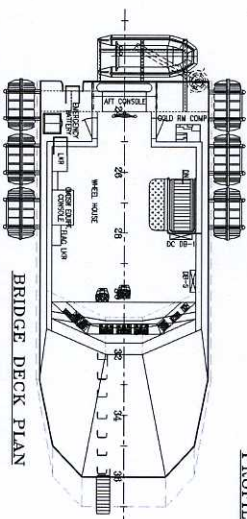
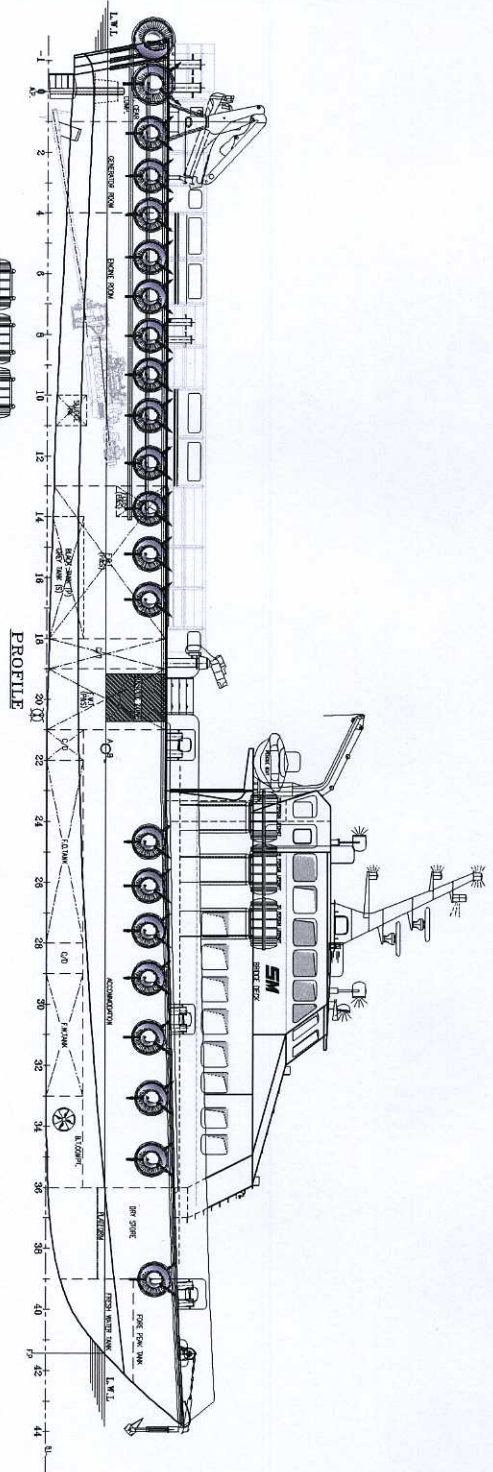
ELECTRONICS / NAVIGATION EQUIPMENT

Radar	:	2 x Radar KODEN, 48 NM,
Echo Sounder	:	1 x KODEN
Gyro Compass	:	1 x YOKOGAWA, CMZ 700B
Auto Pilot	:	1 x COMNAV, Compilot Commander H480426
Magnetic Compass	:	1 x DIRIGO
DGPS	:	1 x KODEN, KGP 913D
EPIRB	:	1 x ACR, RLB-32, SAT2, 406 CAT1
VHF Radio	:	2 x ICOM Submersible 1 x VHF MARINE - STR 6000A
SSB Radio	:	1 x Samsung
SART Transponder	:	2 x Samsung- SAR 9
Walkie Talkie	:	4 X Vertex Standard
Public Address System	:	1 x Phontech - Norway CIS3100
Electric Horn	:	1 x Electric Horn
Navtex Receiver	:	1 x Samsung Koreo, SNX 300
Wind Speed Indicator	:	1 x Clipper

SAFETY EQUIPMENT

Rescue Boat with Davit for 6 Person		
Fifi	:	1200 M ³ /Hr with One monitor

GENERAL ARRANGEMENT PLAN - STANFORD RHINE



PRINCIPAL PARTICULARS

LENGTH OVERALL	41.00 M
LENGTH B.W.L.	37.00 M
BREADTH (M.O.D.)	7.20 M
BEAM (M.O.D.)	3.50 M
DEPT/DRILL	1.75 M
HULL	ALUMINUM
DECK AREA	120 M ²
DECK AREA ABOVE	120 M ²
DECK AREA BELOW	50 M ²
CREW	8 PERSON
VIP PERSONNEL	2 PERSON
SALEING CAPACITY	28 PASSENGERS
TAKING PERSONNEL	8 PERSON
MAIN BUNKS	24 BUNKS
TRANSIT BUNKS	8 PERSON
GENERATORS	2 x CAPTIVATOR C-4800T 50HZ/230V
BOW THRUSTER	DEVELOPING 1400 HP @ 2200RPM
PROPULSION	1 x 1700 HP MANUL DIESEL ENGINES
FRESH WATER	6000 LITRES (15,000 USG)
SEWAGE TREATMENT	100 LITRES (27 USG)
HYDRAULIC OIL	100 LITRES (27 USG)
BLACK AND GREY WATER	200 LITRES (53 USG)

STANFORD RHINE

NO.	DATE	INITIALS	DESCRIPTION	REVISED BY	APPROVED BY
0	11.10.08				

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GENERAL ARRANGEMENT PLAN

DESIGNED BY: T. BO
 DRAWN BY: T. BO
 DATE: 11.10.08
 SHEET: 01 OF 01
 SCALE: 1:125
 REV: 1.0
 SIZE: A1