

M. V. "STANFORD SWAN"

FSIV / SAFETY / UTILITY VESSEL



BUILT:

Year	:	11 February 2008
Builder	:	Granweld Dubai UAE
Class	:	ABS, + A1 HSC (High Speed Crewboat + AMS
Flag	:	St. Vincent & Grenadines
IMO no	:	9480318

PERFORMANCE:

Speed (Max)	:	20 knots
Speed	:	18knots
Consumption	:	142 USG/H @Economic Speed
Deck Cargo	:	120 m2
Deck load	:	40 Tonnes
Deck Loading at stern	:	2 ton/M2
Deck Cargo	:	30 MT

DIMENSION:

Length (Overall)	:	41.00 M
Breadth (Moulded)	:	7.30 M
Depth (at midship)	:	3.50 M
Draft Loaded	:	1.75 M
Gross Tonnage (GRT)	:	244 T
Net Tonnage (NRT)	:	73 T

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

PROPULSION – MACHINERY

Main engines	:	3 X Cummins KTA 38M2
Output / rpm	:	1350 BHP @ 1950 RPM
Gear Boxes	:	ZF 3055 2.5:1 Ratio
Engine Control	:	ZF Pneumatic Control
Fixed Pitch Propellers	:	3 x Five Blade, Ni-Al-BR
Aux. Generator Sets	:	2x84 CAT Gen Set C4.4 380V 50HZ 3Ph
STEERING SYSTEM	:	Kobelt - hydraulic
BOW THRUSTER	:	1 x 75 HP, thrust 1.6 Tons

ACCOMODATION

Accommodation\ Offshore Personnel	:	8 Crew + 2 +2 passenger in Cabin
Offshore Personnel	:	60 Capacity(Beurteaux seats) 1 Prayer Room (Central Air- Conditioning System)

DECK EQUIPMENT:

Anchor Capstan	:	1 x HYPAC HHAW 15 - 16
Anchor	:	1 x Fortress Anchor
Fendering	:	Alum Pipe "D" Fender+Tyres
Crane	:	Optional

AUXILLIARY MACHINERIES & OTHER EQUIPMENT:

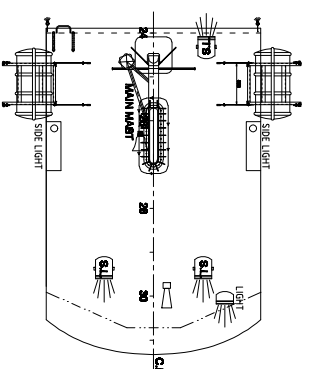
Oily Water Separator	:	1 x 0.5 M ³ /H x 15 Ppm
Fuel Oil Purifier	:	1 x 1150 Ltr/Hr
FW & SW Hydrophone	:	2 x 100 Ltr Tk With 2 Pumps 3 M ³ /H x 30 M – AZCUE PUMP
Water Heater	:	1 x 200 Ltr Capacity
Fire & GS Pump	:	1 x 30 M ³ /H x 40 M-AZCUE PUMP
Starting Air Compressor	:	1 x 3 M ³ /H x 30 Bar - NK 2 x 355 Ltr Air Receiver – NK
Bilge Pump	:	1 x 30 M ³ /H x 30 M – azcue pump
FW Transfer Pump	:	1 x 25 M ³ /H x 30 M - AZCUE PUMP
Sewage Pump	:	1 x 25 M ³ /H x 15 M – AZCUE PUMP
Sludge Pump	:	1 x 2 M ³ /H x 30M – AZCUE PUMP
Emergency Fire Pump	:	1 x 30 M ³ /H x 38 M Diesel Engine
Sewage Treatment Pump	:	1 x 1960 ltrs/day
Fuel Oil Transfer Pump	:	21 x 6 M ³ /H x 20 M – AZCUE PUMP
Fresh water cargo Pump	:	1 x 25 M ³ /H x 35 M –AZCUE PUMP
Fuel Oil & FW Flow Meter	:	1 Each
Fuel Oil Cargo Pump	:	1 x 25 M ³ /H x 25 M – AZCUE PUMP

ELECTRONICS / NAVIGATION EQUIPMENT:

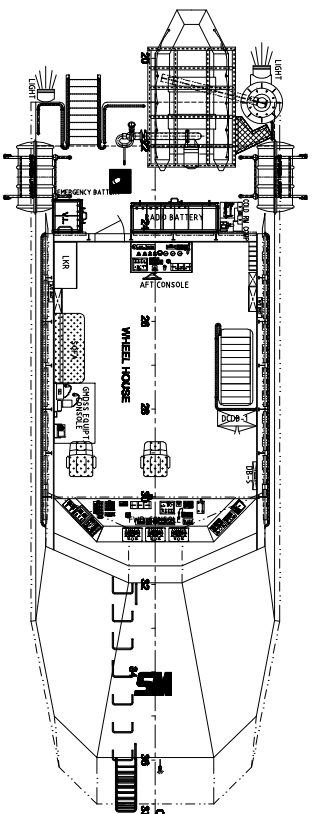
Radar	:	2 x radar KODEN 48 NM
Echo Sounder	:	1 x JMC Japan, V – 6202
Gyro Compass	:	1 x YOKOGAWA, CMZ 700B
Auto Pilot	:	1 COMNAV, Compilot Commander H480426
Magnetic Compass	:	1 x DIRGO
EPIRB	:	1 x ACR, RLB-32, STA2, 406 CAT1
VHF Radio	:	2 x VHF RT2048 SAILOR
SSB Radio	:	STR 6000A DSC VHF
SATELLITE COMM	:	FBB:-00870773185066
Walkie Talkie	:	2 x Standard Japan model HX370
Public Address System	:	1 x Phontech – Norway CIS 3100
Electric Horn	:	1 x Electric Horn
Navtex Reciever	:	1 x Samyung Koreo, SNX 300
Wind Speed Indicator	:	1 x Vetus Holland, WSD 834

SAFETY EQUIPMENT:

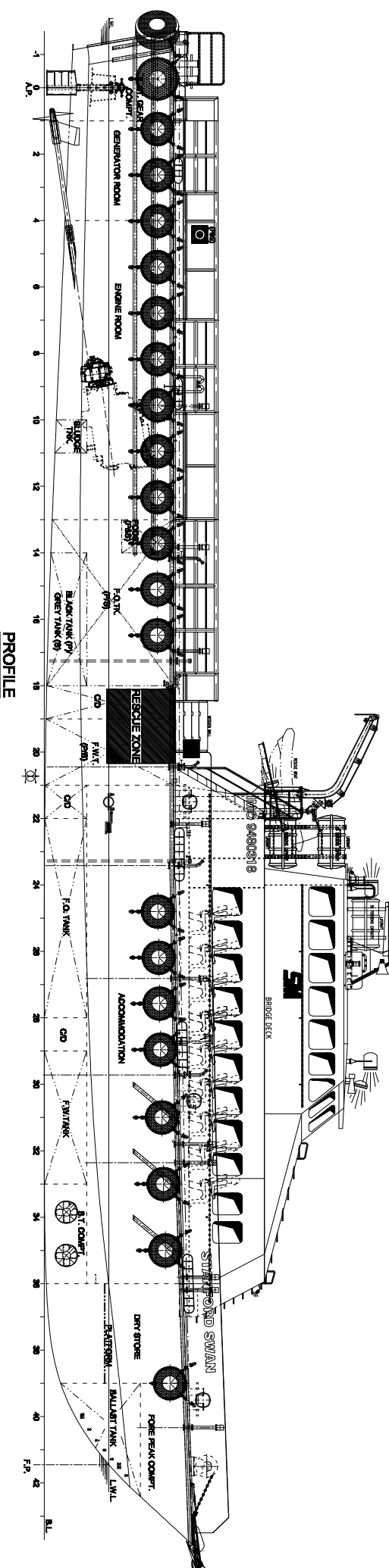
Rescue Boat with Davit for 6 person	:	
Fifi	:	120M3/Hr with One monitor
Sart Transponder	:	ACR, USA



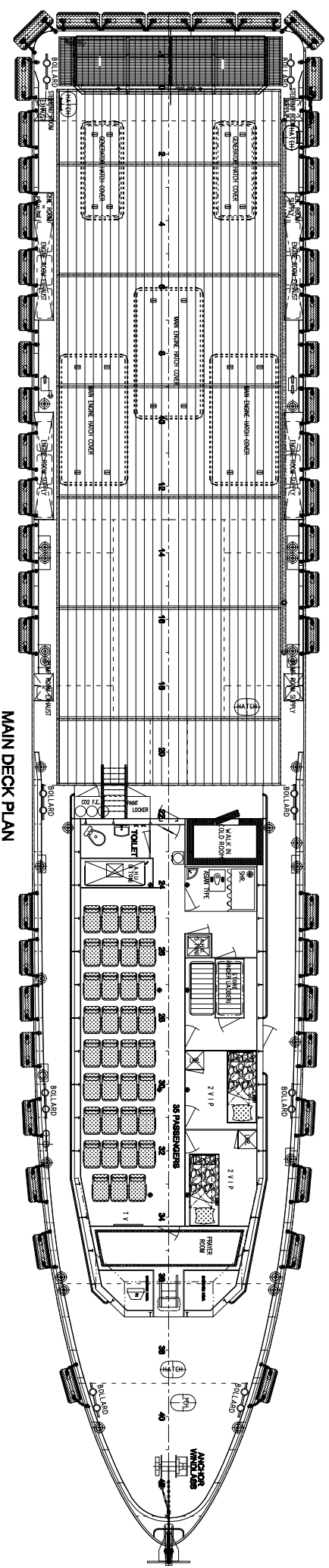
WHEEL HOUSE TOP



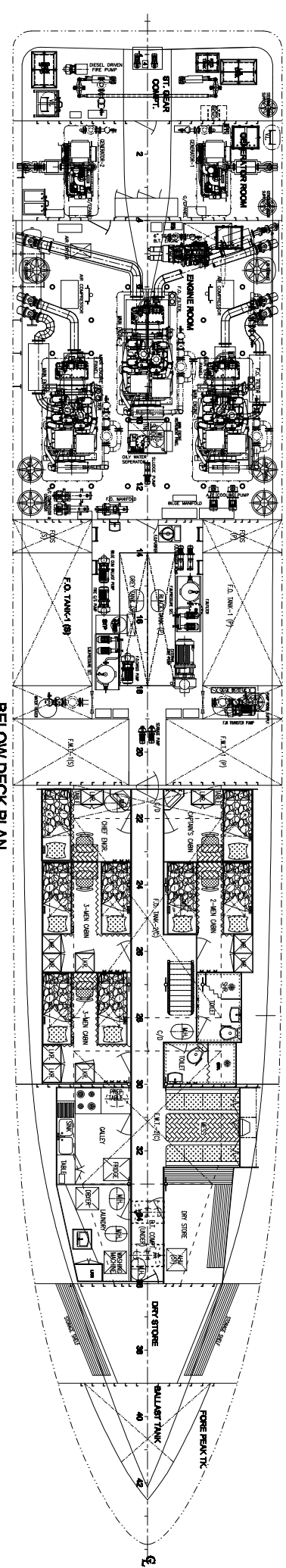
BRIDGE DECK



PROFILE



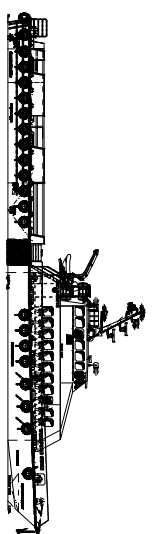
MAIN DECK PLAN



BELOW DECK PLAN

MAIN PARTICULARS

LENGTH OVERALL	41.00 M.
L.B.P.	37.30 M.
BREADTH	7.30 M.
DEPTH	3.50 M.
DRAFT HULL	1.75 M.
FRAME SPACING	900MM.
HULL	ALUMINIUM
DECK AREA	100 M ²
DECK STRENGTH	2 T/SQM
DECKCARGO	45 TONS
CREW	8
VIP PERSONNEL	6
SEATING CAPACITY	35
MAIN ENGINES	3 X CUMMINS KTA 38M2 HD RATING DEVELOPING 1350 BHP @ 1950RPM
GENERATORS	2 X BAYLY 380V 50HZ 3PH CUMMINS 6CTM3.3-D1M RATED 188 HP @ 1800 RPM
BOW THRUSTER	2 X BOW THRUSTER 50 HP THRUSTMASTER CUMMINS 6CTM3.3-D1M RATED 188 HP @ 1800 RPM
CAPACITIES:	
FUEL OIL	80000 LITRES (15,873 USG)
FRESH WATER	40000 LITRES (10,582 USG)
LUB OIL	500 LITRES (132 USG)
HYDRAULIC OIL	125 LITRES (27 USG)
OLY WATER SEPARATION TANK	500 LITRES (132 USG)
BLACK AND GREY WATER	2500 LITRES (661 USG)
FOAM	1215 LITRES (322 USG)
DISPERSANT	1215 LITRES (322 USG)



NO.	DESCRIPTION	DATE	BY	CHKD	REV'D	APPL	REMARKS
1	AS FITTED INFORMATION INCOMPRISED	1-13-07	MAKER	MAKER			AWR BND
2	L.B.P. CORRECTED TO 37.30M	02-10-07	SAUAY	MAKER			AWR BND
3	WINDING SIZE & LOCATION CHANGED	02-10-07	SAUAY	MAKER			AWR BND
4	FUEL TANK SIZE & LOCATION CHANGED	12-04-07	SM	C.K.			AWR BND
5	SEATING CAPACITY CHANGED TO 35	12-04-07	SM	C.K.			AWR BND
6	PASSENGER SEAT ARRANGEMENT WORKED AS SHOWN						AWR BND
7	WORKED AS SHOWN						AWR BND
8	RE. VOLS. BELOW DECK ARRANGEMENT	27-07-08	MAKER	CL.			AWR BND
9	MAIN ENGINES CHANGED TO CUMMINS	18-02-08	MAKER	SIKMU			AWR BND
10	TO PORT/STARBOARD TRANSFER TANKS SPEC. INSTALLED	18-02-08	MAKER	SIKMU			AWR BND
11	RE. VOLS. BELOW DECK ARRANGEMENT	31-01-08	MAKER	SIKMU			AWR BND

GRAND WELLD
SPECIALTY MARINE REPAIRS, FABRICATIONS, SINKING AND PAINTING WORKING SHIP
P.O. BOX 24705 DUBAI U.A.E. TEL: 04-3448983 FAX: 04-3448983 EMAIL: GW@GANDWELLD.COM

STANFORD SWAN

GENERAL ARRANGEMENT
DRAWN BY: NAUSEEM
CHECKED BY: C.L.
APPROVED BY: AND
DESIGNED BY: AND
DATE: 3-01-08
JOB NO.: J-282
FILE NAME: 06044

STANFORD MARINE, L.L.C.
CUSTOMER / ADDRESS