



BUILT

YEAR	:	JANUARY 2009
BUILDER	:	GRANDWELD, DUBAI - U.A.E
CLASS	:	ABS
FLAG	:	KINGSTOWN
IMO NO	:	9537666
CALL SIGN	:	J8B3986

PERFORMANCE

SPEED (MAX)	:	22 KNOTS
SPEED: (CRUISING)	:	20 KNOTS
CONSUMPTION	:	120 USG/H
DECK SPACE	:	120 M ²
DECK LOAD	:	40 TONNES
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	:	8 CREW + 2 PASSENGER IN CABIN
Offshore Personnel	:	60 CAPACITY (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 - 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 1 M ³ /H X 15 M - AZCUE PUMP
SLUDGE PUMP	:	1 X 2 M ³ /H X 30 M - Azcue Pump
Emergency Fire Pump	:	1 X 30 M ³ /H X 38 M DIESEL ENGINE DRIVEN
SEWAGE TREATMENT PLANT	:	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

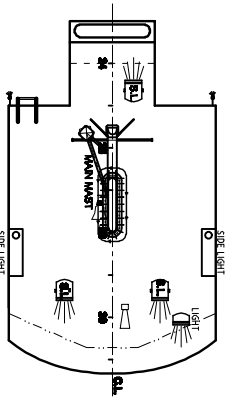
ELECTRONICS / NAVIGATION EQUIPMENT

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 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 VHF RT2048, SAILOR
SSB Radio	:	STR 6000A DSC VHF
SART TRANSPONDER	:	ACR, USA
Walkie Talkie	:	2 x Standard Japan Model HX370
PUBLIC ADDRESS SYSTEM	:	1 x PHONTECH – NORWAY CIS3100
ELECTRIC HORN	:	1 x ELECTRIC HORN
NAVTEX RECEIVER	:	1 x SAMYUNG KOREO, SNX 300
Wind Speed Indicator	:	1 x Vetus Holland, WSD 834

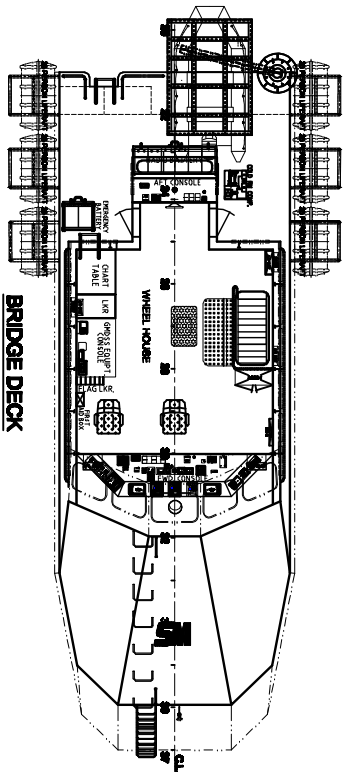
SAFETY EQUIPMENT

Rescue Boat with Davit for 6 Person	:	
FIFI	:	600 M3/Hr with One monitor

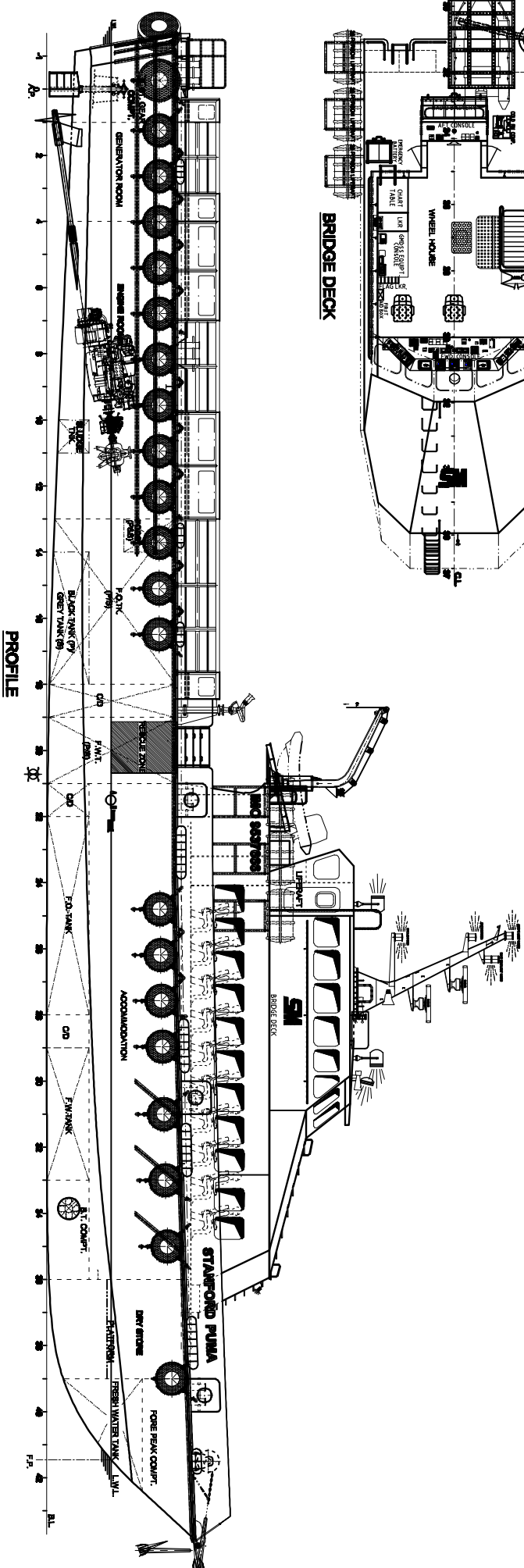
SAFETY EQUIPMENT IN ACCORDANCE WITH SOLAS AND FLAG REQUIREMENT



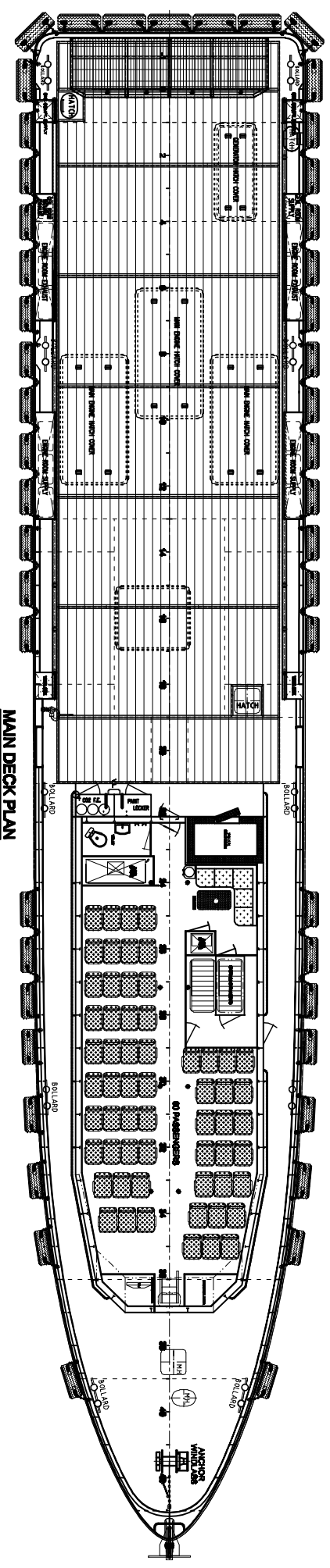
WHEEL HOUSE TOP



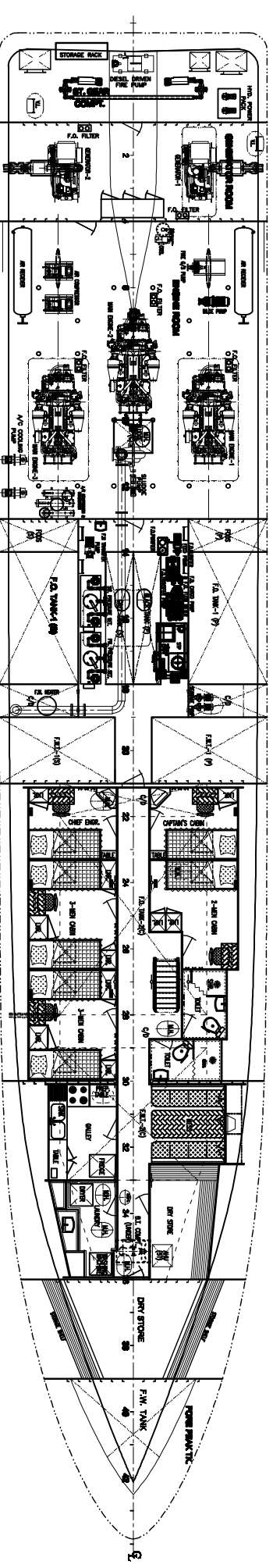
BRIDGE DECK



PROFILE

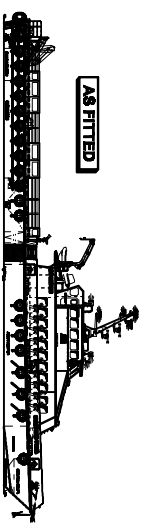


MAIN DECK PLAN



BELOW DECK PLAN

MAIN PARTICULARS	
LENGTH OVERALL	41.00 M.
L.B.P.	37.30 M.
BREADTH	7.30 M.
DEPTH	3.30 M.
DRAFT, HULL	1.75 M.
HULL	ALUMINIUM
DECK AREA	180 M ²
DECK STRENGTH	2 T/SQM
DECKLOAD	35 TONS
CREW	8
VIP PERSONNEL	2
SEATING CAPACITY	60
MAIN ENGINES	3 X CATERPILLAR C 32 HEAVY DUTY RATINGS DEVELOPING 1400 BHP @ 2000RPM
GENERATORS	2 X CATERPILLAR CH4 85 KW @ 1500RPM 380V, 50 HZ, 3PH.
BOW THRUSTER	1 X 75HP @ 1500RPM KEY POWER BOW THRUSTER IP - 18
DECK CRANE	ZT @ 6M CAPACITY
CAPACITIES:	
FRESH WATER	6000 LITRES (15,873 USG)
FUEL OIL	4400 LITRES (11,623 USG)
LB OIL	300 LITRES (78 USG)
HYDRAULIC OIL	100 LITRES (27 USG)
GRAY WATER	500 LITRES (132 USG)
BLACK AND GREY WATER	2500 LITRES (661 USG)



AS FITTED

DRAWN BY : SAHIL
 CHECKED BY : SILLUK
 APPROVED BY : SILLUK
 DATE : 27/11/2019
 CLIENT : STANFORD MARINE LLC.

GRAND WELD
 GENERAL ARRANGEMENT
 41m ALUM. CREW BOAT
 STANFORD MARINE

NO.	REVISIONS	DATE	BY	CHKD.
1	AS FITTED INFORMATION INCORPORATED	27/11/2019	SAHIL	SILLUK
2	REVISIONS	27/11/2019	SAHIL	SILLUK

THIS DRAWING IS THE PROPERTY OF GRAND WELD. IT IS TO BE USED ONLY FOR THE PROJECT AND VESSEL SPECIFIED HEREIN. ANY REUSE OR MODIFICATION WITHOUT THE WRITTEN PERMISSION OF GRAND WELD IS STRICTLY PROHIBITED.