NEW BUILD - 120m Accommodation Barge



Listing ID - 472128

Description	**NEW BUILD - 120m Accommodation Barge**
Date Launched	BUILT TO ORDER
Length	120.0m (393.6 ft)
Beam	31.7m (104 ft)
Draft	9.0m (29.5 ft)
Location	China
Broker	Geoff Fraser geoff.fraser@seaboats.net +64 21 61 222 5
Price	The price will be USD 32 million according to ABS/CCS or ZC Class will be USD 30 Million.

MAIN FEATURE

The barge is to be constructed, machinery installed and equipment in accordance with the latest Rules for Building & Classification of Steel Barges of American Bureau of Shipping for class
Maltese Cross + A1 Barge for unrestricted service with descriptive notation of MODU code and registry PANAMA Flag.
The barge is all welded steel construction. The barge's accommodation is to be located on the forward main deck. The main hull is to be divided by transverse and longitudinal WT bulkheads into the following compartments
1) Forepeak FW/SWB tank
2) FW/SWB
3) Winch compartments

4) Engine room with fuel oil double bottom tanks
5) Fresh water tanks
6) Pipe tunnel
7) Dirty oil tanks
8) Sewage tank

Vessel is equipped with Accommodations for 300-people. The barge is to be installed the 300T main crane (was made of husiman), 26T aux crane, the 8-point mooring system

120m accommodation barge Principal Particulars
1. Principal Particulars
Class notation Maltese Cross + A1
Year Built: 2012
Trading Limitation: unrestricted service
Length overall: 120.0m (393.6 ft)
Beam moulded: 31.7m (104 ft)
Depth moulded: 9.0m (29.5 ft)
Draft designed: 6.0 m (approx.)

Superstructure Deck Heights
Deckhouse: 3.00M approx

Accommodation
8 x 1-berth cabins: 8 men
14 x 2-berth cabins: 28 men
66 x 4-berth cabins: 264 men
Total: 300 men

Tankage- approx (100% full)
SWB/FW tank (Non-Potable): 8000m3 approx.
F.W. Tank (Potable) (60 days endurance): 2000m3 approx.
F.O. Tank: 1200 M3 approx.
Dirty Oil Tank: 15 M3 approx.
Main Deck Strength: 15 tonnes/ M2

Main Machinery & Equipment
Deck Machinery
8-point mooring system: 8 electro-hydraulic mooring winches, each 90mt x 12m/min, brake holding 180t on 1st layer, c/w vertical Sheaves, universal fairleads, load monitoring system, tension sensor, load monitoring system, remote control
Capstan: Type: 4x Vertical mount; Duty pull: 10 tonnes x 0 – 15 m/min
Tugger Winch: Pull: 15 tonnes
Steel Wire Rope: 52mm dia x 1500m each, c/w Crosby socket
10T Delta flipper anchor: 10,000kg each
Pedestal Mounted offshore crane: 300 Tons SWL
Electric-Hydraulic Slewing Crane: 25T 5-26m, 12t 5.6-26.7m

Machinery
Main Generator: CATERPILLAR 3412C; Rated power:620KW; No. of cylinder:V12; BORE/STROKE:137×152Rated revolution 1800r/min; Leroy somer; Rated power:590KW; Rated

revolution:1800r/min; Rated Voltage/Current:440V; No. of phase/Frequency :3Ph/60HZ
Emergency Generator: CATERPILLAR C4.4; Rated power:106KW; No. of cylinder:4; BORE/STROKE:105×127; Rated revolution 1800r/min; Caterpillar SR4; Rated power:95KW; Rated revolution:1800r/min; Rated Voltage/Current:440V; No. of phase/Frequency :3Ph/60HZ
Ballast Pump: PUMP: DESMI NSL 200-415-D02; CAPACITY:500 M3/HR; TOTAL HEAD:50 METER; MATERIAL: CASING&IMPELLER BRONZE; SHAFT:STAINLESS STEEL; MOTOR: CLASS F INSULATION; POWER:108kw
Bilge Pump: (2)PUMP: DESMI S125-220N/D07; CAPACITY:130M3/HR; TOTAL HEAD:79 METER; MATERIAL: CASING&IMPELLER BRONZE; SHAFT:STAINLESS STEEL; MOTOR: CLASS F INSULATION; POWER:66kw
Fire & General service pump: PUMP: DESMI S125-80-220N/D07; CAPACITY:130 M3/HR; TOTAL HEAD:79 METER; MATERIAL: CASING&IMPELLER BRONZE; SHAFT:STAINLESS STEEL; MOTOR: CLASS F INSULATION; POWER:66kw
Fuel Oil Transfer Pump: PUMP: DESMI GP101EFM; CAPACITY:42 M3/HR; TOTAL HEAD:45 METER; MATERIAL: CASING CAST IRON; IMPELLER CARBON; MOTOR: CLASS F INSULATION; POWER:9kw
Fuel oil transfer pump: PUMP: DESMI HD201EFM; CAPACITY:118 M3/HR; TOTAL HEAD:60 METER; MATERIAL: CASING CAST IRON; IMPELLER CARBON; MOTOR: CLASS F INSULATION; POWER:34kw
FW pressure set: Each comprising: - 1 pressure tank 2000 ltr, c/w relief; valve, pressure switch, pressure gauge etc.; 2 pumps, 40m3/hr, 50m head
Potable water pressure set: Each comprising:- 1 pressure tank 2000 ltr, c/w relief; valve, pressure switch, pressure gauge etc.; 2 pumps, 40m3/hr, 50m head
S.W pressure set: Each comprising: - 1 pressure tank 2000 ltr, c/w relief valve, pressure switch, pressure gauge etc.; 2 pumps, 40m3/hr, 50m head
Fresh water transfer pump: PUMP: DESMI S100-80-220N/D07; CAPACITY:120M3/HR; TOTAL HEAD:60 METER; MATERIAL: CASING BRONZE; IMPELLER NIALBZ; MOTOR: CLASS F INSULATION; POWER:36kw
Calorifier: CAPACITY:1000L SS316; C/W hot water circ. Pump; 4m3/h @ 40m head
Sewage treatment plant: SBH-150; Maximum 150 persons /day; C/W discharge pump CR-50S; Comply with MEPC 159(55)
Oily water separator: USH-10 C/W 15PPM ALARM; Comply with MEPC 107(49)
Fire pump: PUMP: DESMI NSL200-525/D02; CAPACITY:227M3/HR; TOTAL HEAD:120 METER; MATERIAL: CASING BRONZE IMPELLER NIALBZ; MOTOR: CLASS F INSULATION; POWER:192kw
Emergency fire pump: PUMP: DESMI S80-70-220N/D07; CAPACITY:80M3/HR; TOTAL HEAD:69 METER; MATERIAL: CASING BRONZE; IMPELLER NIALBZ; MOTOR: CLASS F INSULATION; POWER:36kw
Fuel oil purifier: SJ20G 2600L/h 14cst@40 ！
Main air compressors: CY90-160 22.3m/min@8.5bar
Refrigerated air dryer: D2100INR-A 35m/min
Air compressor SW cooling pump: PUMP: DESMI SA50-180/4 D07; CAPACITY:9M3/HR; TOTAL HEAD:40 METER; MATERIAL: CASING BRONZE; IMPELLER NIALBZ; MOTOR: CLASS F INSULATION; POWER:4.8kw
R.O. water maker: SW 60T R CAP :60m3/day
Air-conditioning system: 2×100% Capacity chiller units; 1×Air handling unit Serve acc. Deck-D; 1×Air handling unit Serve acc. Deck-C; 1×Air handling unit Serve acc. Deck-B; 1×Air handling unit Serve acc. Deck-A
ECR air-con packaged unit
Galley air-con packaged unit

Provision refrigeration system

Electrical Equipment

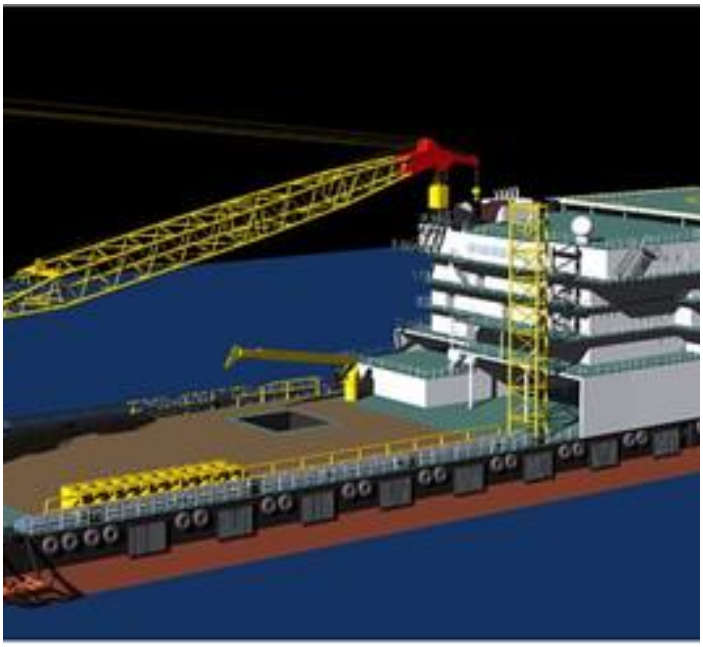
Main Switchboard: Include: BUS A & BUS C Feeder panel; BUS A AC 440V Feeder panel; !1 GEN Panel; !2 GEN Panel; !3 GEN Panel; SYNCHRO & BUSTIE Panel; !4 GEN Panel; !5 GEN Panel; BUS B AC 440V feeder panel; Shore & Main crane panel
Emergency switchboard
Distribution switchboard

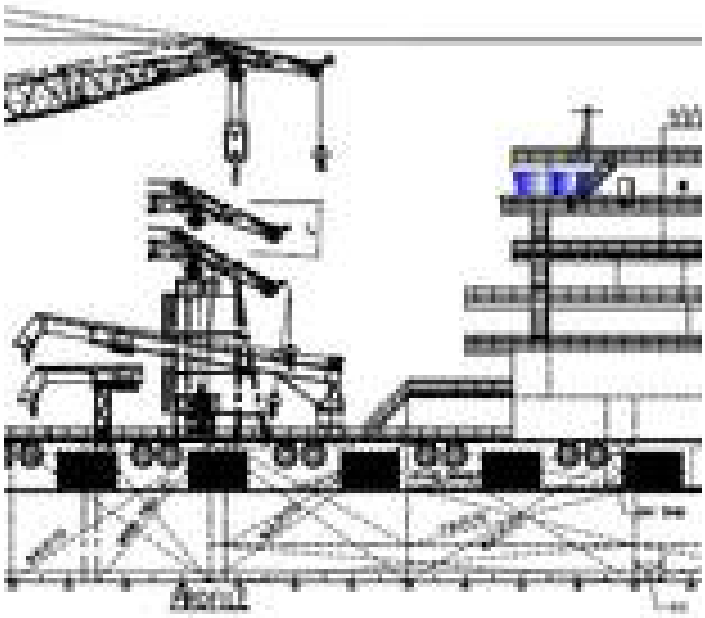
Communication and Navigation Equipment

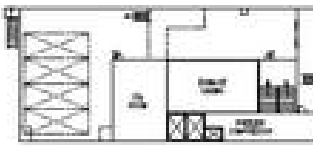
X-BAND RADAR
GPS
SATELLITE COMPASS
ECHO SOUNDER
NAVTEX RECEIVER
WEATHER FAX RECEIVER
WIND AMEMOMETER
VHF RADIO
AIRBAND VHF RADIO
FBB SATELLITE PHONE
GMDSS AREA A3 RADIO CONSOLE
MF/HF SSB RADIO (250W)
VHF DSC RADIO
INMARSAT-C /SSAS
INMARSAT-C
DUPLICATION MF/HF SSB (150W)
DUPLICATION VHF DSC
DUPLICATE INMARSAT-C
GMDSS EPIRB
GMDSS SART
GMDSS 2 WAY PORTABLE VHF
I.S PORTABLE VHF RADIO
NON-DIRECTIONAL RADIO BEACON
INTEGRATED TELEPHONE SYSTEM
PUBLIC ADDRESS SYSTEM
TALKBACK SYSTEM
BATTERYLESS TELEPHONE SYSTEM
CCTV SYSTEM
ENTERTAINMENT TV ANTENNA

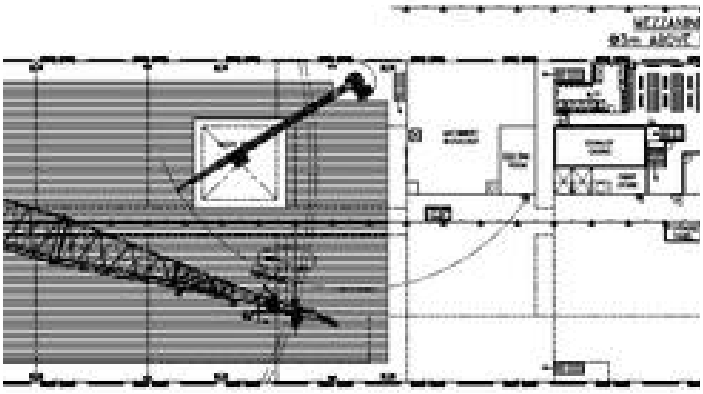
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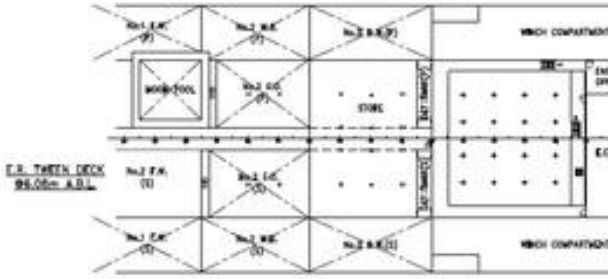
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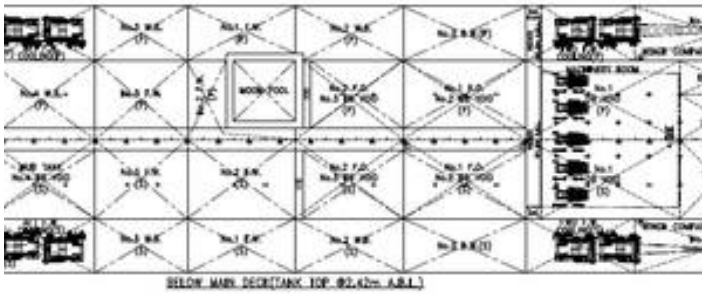


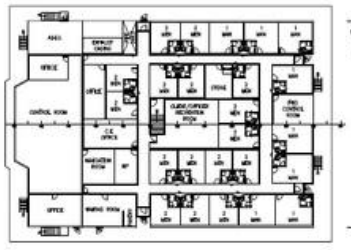


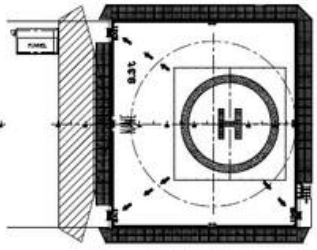


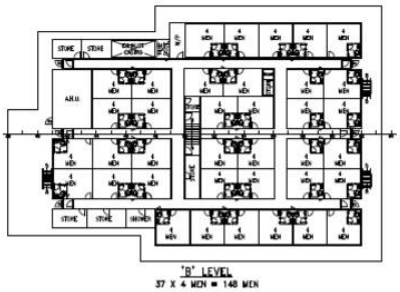


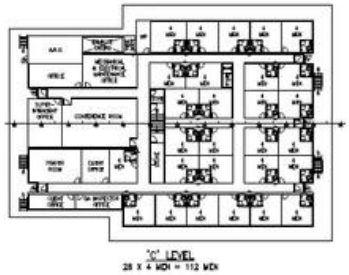


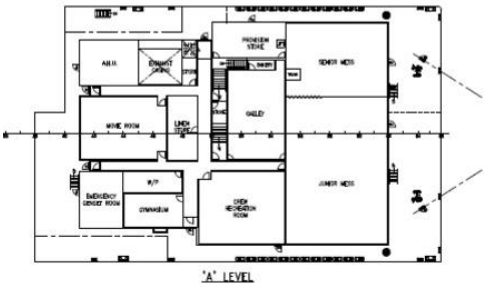














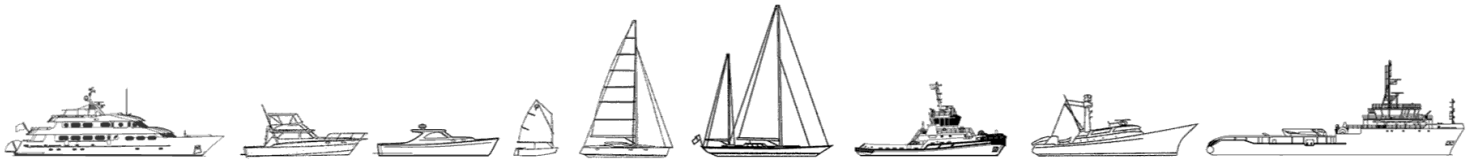








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