

Millennium 1

OFFSHORE ACCOMMODATION / HOOK-UP BARGE

Specifications

Dimension

Length Overall	: 62.4 metres
Breadth Moulded	: 20.0 metres
Depth Moulded	: 6.0 metres
Max Loaded Draft	: 4.6 metres
Loaded Freeboard	: 1.4 metres
G R T	: 2874
N R T	: 862

Machinery

Main Generators	: 4 x SCANIA 390KW Type 1478 with auto-synchronising to share load
Emergency Generator	: 1x SISU Diesel 634DSBAG 1400RPM(150KW); auto-synchronised with main generators
Power Supply	: Main Synch. Board in Engine Control Room; 400V/50Hz can deliver upto 300KVA
Oily Water Separator	: 1x "Victor" Oily Water Separator
Incinerator	: Team Tech Type:GS 500CS.W
Fresh Water Maker	: 1x "Clear" in Engine Room @ 36tons/day 1x "SLCE" in Winch Room @ 35t/day
Power Source	: 400V/ 3 phase / 50Hz
Sewage Treatment Plant	: Type: ST 15 Super Trident Hydraulic Load of 25.704 cm ³ /day Organic Load of 15.887 kg/day B.O.D

Capacity

Fuel Oil	: 500 m ³
Fresh Water	: 1900 m ³
Ballast Fresh Water	: 2400 m ³
Supply/Transfer Rates	: Gas Oil @ 35 m ³ /hour at 45.2m head Fresh Water @ 339 m ³ /hour at 22.6m head
Freezer Room	: Capacity 25 m ³
Chiller Room	: Capacity 25 m ³
Airconditioning Unit	: Independent Unit for all Decks

Navigation Systems

Wind Indicator	: 2 x Walker & Company 2020
Gyro compass	: 1 x Yokogawa Denshikiki CMZ
Sonar	: 1 x KODEN ESR-100 / 150
Radar	: 1 x KODEN Marine Model MDC-1560
Radar Transponder	: TRANSPONDER Model TBR 600A
GPS	: 1xLeica Navigation System MX420

Life Saving System

Life Rafts	: 10x20 person, 10x25 person; Total 450 persons 8 Nos. with Smoke Signals; 16 Nos. fitted
Lifebuoys	: with 30 m lifelines; Total 24
Lifejackets	: 250 Nos.
Pyrotechnics	: 12 Nos. Hanson Rocket Parchute Signals

Helideck Area

1x Helipad certified for BELL-214 (18 passengers) class
Fitted all-around yellow lights, 4 floodlights & Safety System

Registration

Year Built	: 2001
Builder	: Dubai Shipbuilding & Engineering LLC
Flag	: Dubai-UAE
Call sign	: A6E2903
Class	: B.V.
Owners	: Mubarak Marine (L.L.C)

Clear Deck Area

Free Deck Area	: 700m ² (63m x 10m&10 x 10m) 200m ² on top of Winch Room (22m x 10M)
Cargo Deck Strength	: Deck Load 28 Tons/m ² in way of Crawler Crane Track Main Deck 10 Tons/m ² Winch-house top-deck 1 Ton/m ²

Anchoring

Anchors	: 8x Stockless anchors(6t & 7t)
Anchor Wires	: 900 m, Galvanised, 38mm dia
Penant Wires	: 8x 38mm dia, Length to suit work-location water depth
Anchor Buoys	: 8x Chimney-type

Mooring

Drums & Winches	: 8-point Mooring
Operating/Monitoring System	: Full Remote Control from Bridge with CCTV; Robway Load Monitoring Sensor;

Make/Model : AMCON Model 385

Lifting/Handling

Provisions Crane	: Hydraulic Telescopic Crane; 3.5 t-KATO
Mounted Crane	: MANITOWOC SEA CRANE 150; Rated Lifting capacity 90 tonnes
Crawler Crane	: Can be provided upon request

Communication

Fixed VHF	: 2x Sperry Marine Model:RT2047
Portable VHF	: 6x Standard Horizon HX350S
Satellite Phone	: 1x IRIDIUM Sat. Phone 1x INMARSAT Fax(Brother 685) 1x Thuraya Sat Phone
Tyro System	: 1x Orbit Marine/ Trac Vision Satellite Screen MONITOR AL-7204
SSB Radio	: 1x JRC JSB-196
Internal Phone System	: Ericsson Dialog 3213 Covers all cabins & mess rooms
Public Address System	: 1x Pioneer with built-in entertainment system
Aerospace Comm.	: 1x Aircraft Communicator
Navtex Receiver	: 1x JMC NT-900
Email	: Inmarsat Email Comm. System

Fire Fighting Systems

Fire Fighting Pumps : 4x Main Pumps
 1x Emergency Pump
 2x Sprinkler Pumps
 Fire Detection : Smoke & Heat Detection System
 Sprinkler System : Covering all areas of Barge
 Gas Detection : H2S & LEL Detection System
 Equipped with latest CO² extinguishers & Fire Fighting Equipment
 Barge conforms to all SOLAS requirements

Workshop Facilities

50m² Mechanical/Fabrication/Welding shop
 located on Main Deck/Winch Room
 Equipment with Work Bench, Drill, Vice, Grinding machine,
 Welding & Fabricating equipment, 2x welding rectifiers

Clinic

Located On Main Deck (4.3m x 2.65m) with 2 beds
 Fully equipped with medicine cabinet, stretcher, & attached
 WC

Barge Accommodation

5th Deck	: Bridge Control room/ Radio room	Main Deck	: 4 Cabins x 4 beds = 16 beds Common Toilet and shower, 3 toilets, 3 showers 1 small galley, 1 mess room for 16 persons with TV, cold-water dispenser. 1 Crew Mess/Recreation room for 20 persons equipped with TV, Telephone, loudspeaker and pantry lift from main galley 1 Deck Store
4th Deck	: 12 cabins x 4 beds = 48 beds 1 Client office for 6 Persons Common 5 toilets and 5 showers		
3rd Deck	: 12 cabins x 4 beds = 48 beds 2 common toilet/shower; 1 X 3 toilets/ 3 showers; 1 X 5 toilets and 5 showers	Under Deck	: Laundry with 4 Nos. washing machines (1 X 10 kgs load and 3 wash/dryer X 8.2 kgs); 1 No. Dryer (10kg), Ironing boards Main Galley fully equipped, bakery, 4 washbasins, rice cooker, etc. with capacity 150 persons meals Hatch to Main Deck- provisions & stores
2nd Deck	: 11 cabins x 2 beds (Upper bed foldable) 1 cabin x 4 beds Total = 26 beds One Seniors Mess/Recreation room for 8 persons equipped with Fridge, TV, telephone, loudspeaker and pantry lift from the main galley One Barge Office with 3 desks & shelves 1 Deck Store	Tank Top Deck	: Senior Mess Room, Junior Mess Room Capacity 78 persons Amenities: Drink dispenser, Ice cream machine, Bain Marie etc 1 Pantry equipped with dish-washing area Dry store, Chiller and Freezer room
		Winch Top Deck	: 4 Cabins x 12 beds (Accommodation Module)=48 beds

Total Accommodation = 186 Persons

Accommodation can be increased or reduced as per requirements of Charterer
Each Cabin equipped with telephone, loudspeaker and Television With Satellite Antenna Connection
Elevators and Staircases Providing Access to all Decks

NOTE: SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
DETAILED SPECIFICATIONS WILL BE PROVIDED ON REQUEST