



A member of Petra Perdana Group of Companies

WORK BARGE

PETRA ENTERPRISE

PETRA ENTERPRISE

198-men Accommodation Work Barge

PRINCIPAL PARTICULARS

Year Built 2001
Port of Registry Panama
Length Overall 100.65 m
Breath 29.20 m
Depth Moulded 6.10 m
Light Draught 1.31 m
Loaded Draught 4.50 m

Gross Tonnage 7378 tons
Nett Tonnage 2213 tons
Deadweight 7,251.51 tons

Classification ABS + A1 Barge

Call Sign HO2626
Main Deck Strength 15 T/m²
Clear Deck Area 1,300 m²

MACHINERY

Generator 4 units diesel CAT 3412
Emer Generator 400 KW/ 415V/3 Ph/50 Hz
1 unit diesel CAT 3306 T
99KW / 415 V/3 Ph/50 Hz

Air Compressors 1 unit 150 cfm @ 12 kg/cm²
1 unit 78 cfm @ 12 kg/cm²

CAPACITIES

Fuel Oil 2,043 m³
Potable Water 1,251 m³
Sea Water Ballast 2,278 m³
Drill Water 1,360 m³
Liquid Mud Tank 527 m³
Lube Oil 3.5 m³
Water Maker 50 tons/day Reverse Osmosis

DISCHARGE RATES

Fuel Oil 65 m³/hr @ 60 m/head (gear type)
Fresh Water 1 x 120 m³/hr @ 60 m/head (centrifugal)
Drill Water 1 x 120 m³/hr @ 60 m/head (centrifugal)
Ballast Water 2 x 300 m³/hr @ 35 m/head (centrifugal)

DECK EQUIPMENT

8-point Anchor 8 single drum electro-hydraulic winches
Mooring Winches Drum cap for 1,400 m x 52 mm Ø IWRC
Anchor Wire 8 x 1,400 m x 52 mm Ø IWRC wires EEIPS
Anchors 5 pcs x 7 Tons, 5 pcs 10Tons Flipper Delta Anchors
Pennant Wire 8 x 52 mm IWRC wires suitable for working in 120 mtrs water depth.
Anchor Buoy 8ea with 1ea spare
Pennant Buoy 3ea
Winch Control Central Tower with Load Tension Meters & Pay Out Meters
Helideck 15.24 m x 15.24 m,
Inner Area strength suitable for Sikorsky S61N
Conforms to CAP 437 Standards.
Tugger Winches 2 x electro hydraulic 10T @ 15 m/min c/w
91 m x 25 mm wires.
Deck Crane AM Hoist 9310 Crawler Crane
225 Tons, 150 ft boom length
SWL 52.47Tons at 77.4°, 12 m radius
Gangway 15m, 2 sections with certification
Capstan 2 units
Windlass 1 unit

ACCOMODATION

Single berth 8 x 1 berth
Double berth 17 x 2 berth
Four (4) men berth 39 x 4 berth
Total 198 berth
Fully air-conditioned

Fully air-conditioned, comply to ILO 92, IMO Resolution A468 (XII)

RADIO & NAVIGATION EQUIPMENT

SSB Radio 2 x Furuno 150W
Radio Telephone 2 x VHF 25 W
Radio System 1 x MF/HF
Inmarsat C System 1 unit
Navtex 1 unit
GPS 1 unit
VHF 8 x Walkie Talkie w/ battery charger
Radar 1 x Furuno 1712 24 n/m
Weather Fax 1 x Furuno FA 207
Windspeed Indicator 1 unit
Satellite phone + Email 1 unit
SSAS 1 unit
Non Directional Beacon 1 unit at 415 KHz

FIRE FIGHTING & SURVIVAL EQUIPMENT

Fire Water Monitors 2 units 100m³/hr @ 50 m/hr
Chemical Foams 2 units
Fire Hose/Station 21 x 38 mm Ø 23 m hoses w/ nozzle
2 x 64 mm Ø x 30 m hoses w/ nozzle
Portable Fire Extinguishers 2 x 9 kg CO₂
10 x 6.5 kg CO₂
39 x 9 kg dry chemical
4 x 50 kg dry chemical
Gas Monitoring 1 unit x portable Multi Gas Detector
Fire Alarm/Central Life Rafts 1 central panel w/ 39 manual points
16 x 25 man liferafts
Stretcher 2 units
Rescue Boat 1 x 6 persons c/w davit and accessories
Life Jacket 400 pcs (200% capacity)
Ring Buoys 12 pcs
Work Vest 30 pcs
Crash Kit Box 2 sets
Breathing Apparatus 6 sets
Emergency Fire Pump Capacity 144 m³/hr
Discharge Height 100 m

OTHER FACILITIES

Hospital 1 x 2-Bed w/lockers, toilets c/w equipments
Galley 1 w/ cooking utensils, refrigerators etc.
Freezer , Chiller - 20°C freezer and + 5°C chiller
Dry Storage 1 unit
Paramedic Room 1 on main deck, with 2ea medical bed, standard clinic equipment, defibrillator, paragaard and medicine locker
Radio/Control Rm 1 x radio equipment on Deck 4
Engineers Office 1 on main deck
Messroom Min 100 persons w/ tables, bench
Officer Messroom Min 20 persons w/ tables and chairs
Office 3 x 3 x 4m on deck 2 and 3
Conference Rm 1 w/ chairs/tables, whiteboard on deck 3 and Multimedia projector
Recreation Rm 1 w/ pool table, 42" TV, DVD player on deck 1
Video / TV Rm 1 w/ sofa and armchair on deck 3
Prayer Rm 1 room Surau / Christian each
Sewage Treatment 2 units
Workshop 1 complete w/ lathe, Grinder, electric saw
Briefing Room Min 20 persons, with DVD player