

# PETRA DISCOVERY



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Built : 2005                      Class : ABS + A1 Barge                      Port of Registry : Labuan

**MAIN CHARACTERISTICS**

GRT : 8882 ton                      NRT : 2664 ton                      Length Overall : 100.58 m                      Breadth : 31.70m  
 Depth : 7.31 m                      Clear Deck Space : 44.1 m x 27.9 m / 12.0m x 12.0m –1374m<sup>2</sup>                      Main Deck Strength : 12.5 T/m<sup>2</sup>  
 Deadweight : 9.055tons                      Light Draught : 1.65m                      Loaded Draught : 4.50m (Moulded)

**MACHINERY**

Main Generator : 5 units diesel CAT 3412 DITA 580 Kw / 440 V/3 Ph/60 Hz  
 Emer Generator : 1 unit diesel CAT 3056 DITA 93Kw/440 V/3 Ph/60 Hz  
 Air Compressors : 1 unit 14m<sup>3</sup> / m @ 10 bar, 1 unit 21m<sup>3</sup>/m @ 10 bar  
 Platform Supply Gen : 2 x 150Kw – 415 V/3 Ph/50 Hz

**CAPACITIES**

Fuel Oil : 1,732 m<sup>3</sup>                      Potable Water : 2,074 m<sup>3</sup>                      Sea Water Ballast : 3,245m<sup>3</sup>  
 Drill Water : 1,661 m<sup>3</sup>                      Liquid Mud Tank : 767 m<sup>3</sup>

**DECK EQUIPMENT**

8-point Anchor : 8 single drum electro-hydraulic winches  
 Mooring Winches : Drum cap for 1,600m x 52mm dia IWRC wire c/w load monitoring system and CCTV monitoring system remove control in central control room  
 Anchor Wire : 8 x 1,400m x 52mm dia IWRC wires  
 Anchors : 8pcs x 7,000kg Flipper Delta Anchors  
 Helideck : 25m x 23m, 58T/m<sup>2</sup> loading  
 Inner Area : Strength suitable for Sikorsky S61N, 1 electro hydraulic 10T @ 15m/min c/w 150m x 22mm wires

**ACCOMODATION**

Single Berth : 8 x 1 berth                      Double Berth : 14 x 2 berth                      Four (4) men Berth : 66 x 4 berth                      Total : 300 berth  
 Fully air-conditioned, comply to ILO 92, IMO resolution A468 (XII)

**COMMUNICATION & NAVIGATION EQUIPMENT**

GMDSS Sea Area A3

**FIRE-FIGHTING & SURVIVAL EQUIPMENT**

Fire Water Monitors : 4 units 100m<sup>3</sup> /hr @ 50m/hr