

# QMS Al Bahia

ABS, A1, SELF ELEVATING UNIT, AMS, DPS-1, CPS,  
CRC (OC-PL+), HELIDX

## DIMENSIONS

Length Overall	: 86.7m
Length of hull	: 64.8 m
Breadth of hull	: 40.4 m
Depth of hull	: 6.0 m
Draft including spud cans	: 3.35 m (including Spud Cans)
Max deck load	: 5 MT/ m <sup>2</sup>
Free Deck Area	: 1440 m <sup>2</sup>
Max speed	: 6.0 knots
Variable Load	: 1700 MT
Max Water depth	: 65.0 m

## LEGS

4 Nos. Cylindrical type  
88.5 m leg length excluding spud cans  
90.0 m leg length including spud cans  
Spud Cans size: 8.2 x 6.8 x 1.5 m (LxWxH)  
55.76 m<sup>2</sup> Spudcan footing area

## JACKING SYSTEM

Electric Rack and Pinion Type	: 0.6 m/min hull jacking speed 14 jacking pinions per leg (total 56)
Storm Holding Capacity	: 210 t/pinion

## TANK CAPACITY

Fuel Oil	: 453.2 m <sup>3</sup>
Fresh Water	: 876.1 m <sup>3</sup>
Ballast Water	: 2163.5 m <sup>3</sup>
Brine	: 362.9 m <sup>3</sup>

## MACHINERY

Main Engine:  
2 x 1760 kW Weichai MAN CW 200 at 1000 RPM  
Main Diesel Generator:  
4 x CAT C32 830kW at 1500 RPM, (400V 50Hz)  
Emergency Generator:  
1 x Weichai CCF J250Y-WY, 250kW @ 1500 RPM (400V 50Hz)

Bow Thruster:  
1 x Electro-Hydraulic, 4 bladed adjustable  
pitch propeller, 1500 mm, 600kW, 8 ton thrust  
Azimuth Propeller:  
2 x 1600 kW

## SAFETY & FIRE FIGHTING

Lifeboats	: 2 x 150 man 82.5 kg/man
Rescue Craft	: 1 x 6 men
Life Raft (DAVIT)	: 6 x 25 man (EC Cert)
Fire Extinguishing system	: As per Class requirements

## GENERAL

Build Type: WMPP300  
Port of Registry - Panama  
IMO No.: 9828041  
ABS, A1, Self Elevating Unit, AMS, DPS1, CPS, CRC (OC-PL+)  
HELIDK

## CRANE

Main Crane : 1 x 190 tons @9.5 m /38T @ 40m. Diesel Hydraulic  
(Auxiliary Hoist: 10 t @ 43 m.)  
Auxiliary Crane: 20tons @ 20m /10T@30m, Electro-Hydraulic  
(Auxilliary Hoist: 3 t @33m)

## DECK EQUIPMENT

Anchor Winches: 1 x electro-hydraulic single drum temporary  
mooring anchor winch Stbd Fwd, 350KN, static holding force  
is 2616KN, Length of wire: 1000m, 72mm diameter.  
3 x Electro Hydraulic 350 kN, Brake 750 kN,  
1000 m x 38 mm Ø wire  
Tugger Winch: 1 x Electric 35kN@12m/min. Brake 120kN,  
50 m x 20 mm Ø wire

## HELIDECK

Material: Aluminium  
Diameter (D) Value (m): 22.2 m, 12.6 T  
Helicopter Type: Sikorsky S92A/S61N

## ACCOMMODATION

Total Accommodation for 150 POB (upgradable to 250 POB)  
Cabin breakdown:  
16 x 1 man, 17 x 2 man, 25 x 4 man  
3 x 2 man, 1 x 3 man, 1 x 4 man,  
2 x 5 man  
1 x infirmary equipped with two beds

## COMMUNICATION EQUIPMENT

VHF - 2, SART - 4, Handheld VHF & GMDSS - 7  
INMARSAT-C with SSAS & LRIT - 1

## NAVIGATION EQUIPMENT

Radar X-Band with ARPA - 1  
Radar S-Band with ARPA - 1  
ECDIS - 1, Gyro Compass - 1  
Magnetic Compass - 1  
Doppler Speed Log - 1



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