



# QMS AL SHAHAMA II

## 190 POB SELF-ELEVATING BARGE

(EQUIPPED WITH RIGLESS EQUIPMENT FOR WELL TESTING OPERATIONS)

Year of Delivery	: 2020
Port of Registry	: Panama
Flag	: Panama
IMO Number	: 9828077
Class	: ABS, A1, Self-Elevating Unit, AMS, DPS-1, CPS CRC HELIDK

### GENERAL

Length Overall	: 86.70 m
Hull Length	: 64.80 m
Hull Breadth	: 40.40 m
Hull Depth	: 6.00 m
Design Draft	: 3.35 m (incl. Spud cans)
Max. Deck Load	: 5 tons/m <sup>2</sup>
Free Deck Space	: 1500 m <sup>2</sup>
Max. Speed	: 6 kts.
Variable Load	: 1700 tons
Max. Water Depth	: 65 m

### LEGS

4 Nos. Cylindrical Type  
 90.00 m leg length  
 8.2x6.8x1.5 m min spud Can  
 55.76 m<sup>2</sup> foot spud cans foot area, max. leg Bearing pressure  
 46 ton/m<sup>3</sup>

### JACKING SYSTEM

Jacking system	: Electro-Hydraulic Rack & Pinion Type HP Jetting Water 40 m <sup>3</sup> /hr @ 28 bar
Jacking Speed	: 0.6 m/min, 1.2 m/min
Pinion Per Leg	: 14 Pinion per leg (Total 56)
storm Holding Capacity	: 210 ton/pinion
Max. Air Gap	: 25 m

### TANK CAPACITY

Fuel Oil	: 453.20 m <sup>3</sup>
Fresh Water	: 876.10 m <sup>3</sup>
Ballast Water	: 2163.00 m <sup>3</sup>
Brine	: 362.90m <sup>3</sup>

### MACHINERY

Main Engine	: 2 x 1760 kW @ 1000 rpm Weichai MAN CW
Main Diesel Generator	: 4 x CAT C32 830 kW @ 1500 rpm, 400 V, 50 Hz.
Emergency Generator	: 1 x 250 kW @ 1500 rpm, 400 v, 50 Hz. Weichai CCF J250Y-WY
Compressor	: 2 x Electric, 600 cfm each

### PROPULSION

Bow Thruster	: 2 x electro-hydraulic, 4 bladed adjustable pitch propellers, dia. 1500 mm, 600 kW, 8 tons thrust.
Azimuth Thruster	: 2 x 1600 kW

### SAFETY & FIRE-FIGHTING

Lifeboat	: 2 x 150 men 82.50 Kg/Man
Rescue Craft	: 1 x 6 men
Life Raft (Davit)	: 12 x 25 men
Fire Extinguisher System	: As per Class Requirement
Fire Fighting	: 600 m <sup>3</sup> /hr with 2 sets of fire monitors

Life Saving Appliances available onboard as per SOLAS, Class and Flag Requirements.  
 Details believed to be correct but not guaranteed.

### CRANE

Main Crane	: 1x 190 tons @ 9.5 m, 38 tons @ 40m. Diesel Hydraulic with Auxiliary Hoist 10 ton @ 43 m
Auxiliary Crane	: 20 ton @ 20 m, 10 ton @ 30m Electric Hydraulic with Auxiliary Hoist 3 ton @ 33m

### DECK EQUIPMENT

Anchor Winches	: 1 x Electro Hydraulic single drum temporary mooring anchor winch stbd fwd, 350 kN static holding force is 2616 kN
Length of Wire	: 1000 m, 72 mm dia., : 3 x Electro Hydraulic 350 kN, brake 750 kN, 1000 m x 38 mm dia wire
Tugger Winches	: 1 x Electric 35 kN @ 12m/min, Brake 120 kN

### HELIDECK

Material	: Aluminium
Diameter	: 22.2m, 12.6 ton
Helicopter Type	: Sikorsky S92A/S61N

### ACCOMMODATION

Total Accommodation for 190POB (Upgradable to 400 POB)  
 Fitted with Sprinkler System.

### ADDITIONAL

- Kingposts and boom to accommodate Client's Burner Booms
- 4 x Sour Gas Lines to link burner booms to process manifold cement
- Brine system includes pumps, valves, tanks.
- High volume air Compressors
- A 60 Fire insulation under main deck process equipment
- Four mooring Winches
- Deluge System

### 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), Echo Sounder (1), AIS (1), BNWAS (1), GPS (2).

360 Deg. VIEW FROM WHEEL HOUSE