



QMS BANI YAS

190 POB SELF-ELEVATING BARGE

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 ²
Free Deck Space	: 1500 m ²
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 m² foot spud cans foot area, max. leg Bearing pressure
 46 ton/m³

JACKING SYSTEM

Jacking system	: Electro-Hydraulic Rack & Pinion Type HP Jetting Water 40 m ³ /hr @ 28 bar
Jacking Speed	: 0.9 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 ³
Fresh Water	: 876.10 m ³
Ballast Water	: 2163.00 m ³
Brine	: 362.90m ³

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

Year of Delivery	: 2019
Port of Registry	: Panama
Flag	: Panama
IMO Number	: 9828065
Class	: ABS, A1, Self-Elevating Unit, AMS, DPS-1, CPS CRC HELIDK

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.,
Tugger Winches	: 3 x Electro Hydraulic 350 kN, brake 750 kN, 1000 m x 38 mm dia wire

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.

SAFETY & FIRE-FIGHTING

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

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).

360 Deg. VIEW FROM WHEEL HOUSE

COMMUNICATION EQUIPMENT

VHF (2), SART (4), Handheld VHF & GMDSS (7), Inmarsat-C with SSAS & LRIT (1)