



QMS CONSTRUCTOR

250 POB, SELF-PROPELLED, SELF-ELEVATING BARGE

Year of Delivery	: 2015
Port of Registry	: Panama
Flag	: Panama
IMO Number	: 9702962
Class	: ABS, A1, Self-Elevating Unit, AMS, - NP DPS-1 CPS, CRC

GENERAL

Length Overall	: 85.10 m (incl. Helideck)
Hull Length	: 63.60 m
Hull Breadth	: 40.00 m
Hull Depth	: 5.80 m
Design Draft	: 3.00 m
Draft incl. spud can	: 5.00 m
Max. Deck Load	: 5 tons/m ²
Free Deck Space	: 1600 m ²
Max. Speed	: 5 kts.
Variable Load	: 2050 tons
Max. Water Depth	: 60 m

LEGS

4 Nos.
91.5 m leg length
Spud can : Flat square
Jetting system : 40 m³/hr, 60 Bar, 200 kW, 50 Hz.

JACKING SYSTEM

Jacking system	: Electro-Hydraulic
Jacking Speed	: 0.6 m/min,
Pinion Per Leg	: 14 Pinion per leg
Normal Jacking capacity	: 1400 tons
Pre-load Jacking capacity	: 1960 tons
storm Holding Capacity	: 2800 tons

ENVIRONMENT CRITERIA

Normal Operating Conditions	: 25.7 m/s @ 60 m water depth
Storm Conditions	: 51.50 m/s @ 30 m water depth

TANK CAPACITY

Fuel Oil	: 400 m ³
Fresh Water	: 1000 m ³
Ballast Water	: 2300 m ³
Fresh Water Maker	: 2 x 75 ton/day

MACHINERY

Main Propulsion	: 2 x CW 16V200ZC MCR1760 kW, 1000 rpm
Generator	: 5 x CAT C18, 450 kW @ 1500 rpm, 400 V, 50 Hz.
Emergency Generator	: 1 x 200 kW, 400 v, 50 Hz.

PROPULSION

Bow Thruster	: 1 x 80 kn/600 kW
Azimuth Thruster	: 2 x 1600 kW

CRANE

Main Crane	: 1 x 190 tons @ 10m, 38 tons @ 40 m
Auxiliary Crane	: 20 tons @ 20m, 10 tons @ 30 m

DP SYSTEM

NAV DP DP1

DECK EQUIPMENT

Anchor Winches	: 4 x 25 tons
Wire Rope	: 500 m x 32mm
Tugger Winches	: 35 kW

HELIDECK

Steel Octagonal	: 22.00 m
Load	: 12.08 tons

To accommodate Sikorsky S-92 Aircraft and has full AFF fire fighting system

ACCOMMODATION

Total Accommodation for 250 POB (Upgradable to 350 POB)
Fitted with Sprinkler System/WIFI.

SAFETY & FIRE-FIGHTING

Lifeboat	: 2 x 150 men
Rescue Craft	: 1 x 6 men
Life Raft	: 3 x 25 men
Davit	: 6 x 25 men
Fire Pump	: 140 m ³ /hr @ 60 m, 37 kW
Emergency Fire Pump	: 100 m ³ /hr @ 60 m, 30 kW

COMMUNICATION EQUIPMENT

Sailor 6333 (1), A1,A2 GMDSS, Areas, GMDSS Handheld VHF (4), MF/HF DSC (4), EPIRB 406 MI (1), Inmarsat-C (1), SART II 96 Hz. (4), VHF DSC (3), Navtex (1)

NAVIGATION EQUIPMENT

DGPS (2), Magnetic compass (1), X-Band Radar (1), AIS (1), S-band Radar (1), Anemometer (2), Echo Sounder (1), Gyrocompass (2)
360 Deg. VIEW FROM WHEELHOUSE