



QMS OMAR

150 POB SELF-PROPELLED, SELF-ELEVATING BARGE

| | |
|------------------|--|
| Year of Delivery | : 2020 |
| Port of Registry | : Kingstown |
| Flag | : St. Vincent & Grenadines |
| IMO Number | : 9787742 |
| Class | : DNV, A1, Self-Elevating Unit, Accommodation Unit, Crane, Self-Propelled DPS-1, HELIDK, COAT-PSPC(B), BIS |

GENERAL

| | |
|------------------------------|--------------------------|
| Overall Length | : 87.40 m |
| Hull Length | : 63.60 m |
| Hull Breadth | : 40.00 m |
| Hull Depth | : 6.20 m |
| Design Draft | : 3.20 m |
| Draft (Incl. Span cans) | : 4.70 m (Operating) |
| Max. deck load | : 7.5 ton/m ² |
| Free Deck Space | : 1300 m ² |
| Max. Speed | : 6 kts |
| Variable Load/JUB Operations | : 1900 tons |
| Max. Water Depth | : 80 m |

LEGS

4 Nos. Triangular Lattice Type
 106.70 m leg length
 Flat square spud cans.
 Jetting system 2 x 40 m³/hr, 60 bar.
 Max. Leg bearing pressure : 23.26 ton/m²

JACKING SYSTEM

| | |
|-------------------------------|---------------------------|
| Jacking system | : Electro- Rack |
| Jacking Speed | : 1.2 m/min |
| Pinion Per Leg | : 15 Pinion per leg |
| Normal Jacking Capacity / VBL | : 1100 tons |
| Pre-load Jacking Capacity | : 2400 tons |
| storm Holding Capacity | : 3300 tons |
| Max. Bearing Pressure | : 25.6 ton/m ² |

TANK CAPACITY

| | |
|-------------------|------------------------|
| Fuel Oil | : 488.8 m ³ |
| Fresh Water | : 840 m ³ |
| Ballast Water | : 2241 m ³ |
| Fresh Water Maker | : 2 x 40 ton/day |

MACHINERY

| | |
|---------------------|---|
| Main Propulsion | : 2 x CW 16V200ZC MCR 1760 kW, 1000 rpm |
| Generator | : 4 x CAT 830 kW, 400 V, 50 Hz. |
| Emergency Generator | : 1 x 245kW, 400 V, 50 Hz. |

PROPULSION

| | |
|------------------|--------------------|
| Bow Thruster | : 1 x 80 kN/600 kW |
| Azimuth Thruster | : 2 x 1600 kW |

CRANE

| | |
|-----------------|---|
| Main Crane | : 1 x 100 ton onboard @ 20 m, 25 ton @ 43 m |
| Auxiliary Crane | : 20 ton @ 20 m, 10 ton @ 30 m, 10 ton @ 45 m |

DECK EQUIPMENT

| | |
|----------------|----------------------|
| Anchor Winchs | : 2 x 17 Ton |
| Length of Wire | : 450 m x 68 mm wire |

HELIDECK

| | |
|------------------------|--------------|
| Diameter (D) Value (M) | : 22.00 m |
| Load | : 12.06 tons |

ACCOMMODATION

Total Accommodation for 150 POB (Upgradable to 350 POB)
 Fitted with Sprinkler System.

DP SYSTEM

Praxis DP 1

SAFETY & FIRE-FIGHTING

| | |
|--------------------------------|--|
| Lifeboat | : 4 x 100 men |
| Rescue Craft | : 1 x 10 men |
| Life Raft (Davit + Throw Over) | : 8 x 25 men, 8 x 25 men' |
| Fire Pump | : 300 m ³ /hr. @ 25 m |
| Emergency Fire Pump | : 150 m ³ /hr @ 100 m |
| FiFi | : 600 m ³ /hr with 2 sets of fire Monitor |

COMMUNICATION EQUIPMENT

| | |
|-----------------------------|------------|
| GMDSS Portable VHF SP3520 | : 6 Sailor |
| Portable VHF IC - A 24 | : 1 ICOM |
| Fixed VHF IC-A210 | : 1 ICOM |
| MF/HF DSC 6310 | : 1 Sailor |
| Inmarsat-C EGC, SSAS & LRIT | : 1 Set |
| Navtex 6390 | : 1 Sailor |

NAVIGATION EQUIPMENT

| | |
|--------------|----------------------|
| Radar | : S- Band / X - Band |
| Echo Sounder | : EI Consilium |
| GPS | : R5 1 SAAB |
| ECDIS | : 1 E5024 Simrad |
| AIS | : 1 Sailor 62 |

360 Deg. VIEW FROM WHEEL HOUSE