

# UMM SHAIF

Date of Manufacturing  
OCT 2009

## DP3/Conventionally Moored Offshore Support & Cable Laying Vessel

**Classification Society** ABS (Class Number 09196345; IMO Number 8771497)

**Class Notation** +A1, Accommodation Barge, +AMS-NP, +DPS-3

**Registration** United Arab Emirates (UAE)

### PRINCIPAL PARTICULARS

#### Length Overall

111.56m (129.86m including stern extension platform)

**Breadth** 43.40 m

**Depth** 31.7 m

**Summer Draft** 4.23 m

#### Maximum Draft

4.43m (6.53m including drop down thrusters when on DP mode)

**Light Weight** 9,997.71 T

**NRT/GRT** 3,862t / 12,874t

#### Deck Space

1,615 m<sup>2</sup> incl. aft extension platform (max deck strength is 10T/m<sup>2</sup>)

### DP SYSTEM & PROPULSION

#### DP System

Kongsberg SDP22 & SDP12 (DP3); total thruster power of 7,200kw

### CRANES

#### Main Crane

1 x 300t Pedestal Mounted Offshore Crane (Huisman Made) c/w 46m long boom. Main hoist rated 300t @ 11m radi (9 parts) with the auxiliary hoist rated 30t @ 9.2-53.6m radi.

### MOORING SYSTEM

#### Winches & Ancillaries

Locally/remotely operated 8 x 85t rated single drum electro-hydraulic driven mooring winches, Mentrade Model HMW-90T c/w tension sensors, wire length counter, 16 vertical sheaves, 8 fairleads and 1,400m long synthetic ropes. Brake capacity: 150t @ 1st layer.

### CABLE LAYING EQUIPMENT

#### Carousel System c/w Ancillaries

Electric driven chain-sprocket DNV type approved 5,000mt rated 25m outer dia carousel with adjustable innercore dia of 4, 8 or 14.4m and a basket effective height of 6.5m c/w loading tower with hydraulically operated loading arm, 5t rated tower tensioner and 12.5t deck tensioner (fully synchronized).



### MACHINERY

#### Main Generator

4 x 580kw Caterpillar 3412, 2 x 580kw Caterpillar C32 and 1x 1,800kw Caterpillar 3516.

**Total Installed Power** 5,280 kw

**Main Generator Engines** 1 x 580kw Caterpillar 3412

### ACCOMMODATIONS & RECREATION FACILITIES

556 Persons Capacity extendable to 620 POB in 1,2 and 4-man cabins (all cabins equipped with private toilets). 2x recreation rooms, gym and cinema room.

### HELIDECK

18m diameter helideck, CAP-437 & AMC-71 Fully Compliant

### OPERATIONAL FUNCTIONS

Lifting, cable/umbilical lay, subsea works, flotel services and hook-up operations using 42.5 long Marine Aluminum Made deck mounted heave compensated gangway.