

JANA 31 (IMO # 9627148)

54m Offshore Support Vessel

VESSEL:

Classification: ABS
Notation: + A1, Offshore Support Vessel,
(E), +AMS
Registry / Flag: Kingdom of Saudi Arabia
Build Date: 27 December 2011

MAIN PARTICULARS:

Length Overall: 53.8 m
Breadth: 13.8 m
Moulded Depth: 5.0 m
Moulded Draft: 3.8 m
GRT: 1187
NRT: 356
Deadweight (DWT): 1013 Tons

PERFORMANCE:

Speed: 12.8 knots (max)
Fuel Consumption: 10 T / day @ 12 knots

MACHINERY:

Main Engines: 2 x CAT 3512 B, 3150 BHP
Propellers: 2 x Fixed Pitch
Main DG: 3 x CAT 260 KW(e), 440 V, 60Hz, 3ph
Emr. DG: 1 x 56 KW(e), 44 V, 60Hz, 3ph
Bow Thruster: 1 x 500BHP Tunnel Thruster (Engine)
Deck Machinery: As per Class Requirements

CAPACITIES:

Fuel Oil: 550 Cu.M
Fresh Water: 400 Cu.M
Water Ballast: 145 Cu.M
Bilge Dirty Oil: 2 x 8.5 Cu.M
Sewage: 4.4 Cu.M
Slop Tank: 12.5 Cu.M
Clear Deck Area: 220 Sq.M (appx.)
Deck Cargo: 500 T @ 5T/Sq.M
Freezer: 14.5 Cu.M (appx.)
Chiller: 14.5 Cu.M (appx.)
Dry Provision: 20 Cu.M (appx.)

TRANSFER RATES:

Cargo Fuel Pump: 1 x 100 Cu.M/Hr @ 60M wc
Cargo Water Pump: 1 x 100 Cu.M/Hr @ 60M wc
Bilge / Ballast Pump: 1 x 60 Cu.M/Hr @ 60M wc
Bilge Pump: 1 x 45 Cu.M/Hr @ 25M wc
GS / Fire Pump: 1 x 60 Cu.M/Hr @ 60M wc



COMMUNICATIONS & NAVIGATION EQUIPMENTS:

GMDSS Station: A1 & A2
VHF: 2 x Sailor RT 4822
Radar: 2 x Fruno 64NM
VSAT: Internet
VHF Hand Held: 3 Nos. with Chargers
EPIRB: 1 No.
SART: 2 Nos
INMARSAT: 2
Internal Communication: Public Address, Talk Back & SPT

Telephone in Cabins, Office
Magnetic Compass: 1 No.
Gyro Compass: 1 No. with Repeaters
Auto Pilot: 1 No.
Echo Sounder: 1 No.
Navtex: 1 No.
Anemometer: 1 No.
GPS: 1 x Raytheon 390
Wind Indicator: 1 No.
Speed Log: 1 No.
AIS: 1 No.

COMPLIMENTS (Total Acco. 48 Men):

Single: 2 x 1 Man = 2
Double: 3 x 2 Men = 6
Four: 10 x 4 men = 40
Offices: 1 Nos (for Client or Ship)
Workshop: workshop facility
Mess/Recreation: 1 Mess Room Cum Recreation Room
Hospital: 1 No. Dedicated Hospital

SAFETY & FIREFIGHTING:

As per SOLAS Requirements
Rescue Boat: 1 x 6 Men
Liferaft: 4 x 25 Men
Fire Extinguisher: As per Class Requirements
FiFi Pump: 1 x 700 Cu.M/Hr, PTO Stbd M.E.
Monitors: 2 x 300 Cu.M/Hr
Emr. Fire Pump: 25 Cu.M/Hr @ 45M head
Fixed Suppression: Fixed CO2 System
Pollution Control: Dispersant Spray Boom
Fixed H2S/LEL: 5 Sensors each
Search Light: 2 (Two)

CONSTRUCTION FACILITIES (OPTIONAL – Not Integral Part of Vessel):

Deck Crane (Optional):

Crane on Pedestal OR Crawler Crane Rated for 60T,
Hydraulic telescopic boom, Hook height 120 feet.

Welding Machines:

One (01) x 6-pack Electric (Miller or Equivalent)
Two (02) x Diesel Driven (Miller or Equivalent)

Air Compressor:

One (01) Diesel Driven compressor.600 CFM @7.5
Bar, complete with filtering, dewatering, in-line
oiling accessories and flame arrestors.

Portable Diesel Generators:

1x 200 KVA, 440V, 3PH, 60 Hz complete with 100
Meters cable, filters, mandatory spare parts and
spare parts manual.
1x 60 KVA, 440V, 3PH, 60 Hz complete with 100
Meters cable, filters, mandatory spare parts and
spare parts manual.

Scaffolding Tubes:

300 Pcs each of - 21, 15, 10 & 6 feet long - Total-
1200.

Clamps for scaffolding Tubes:

500 each – right angle (double) coupler
250 each – adjustable (swivel) coupler
100 each - Girder (beam) coupler
250 each - Bearer (putlog single) coupler
50 each – sleeve coupler
20 each - base plates

Scaffolding boards:

250 each - 12 feet long
150 each - 6 feet long

Wooden Ladders:

4 Pcs, 15 feet long

Stock of Consumables:

Drill Bits, saw Blades, welding rods, grinding discs, etc

Gas Welding / Cutting Sets:

3 sets , OXY-Acetylene sets complete with hoses 150
feet long with gauges, regulators, hose splicing kits, one
Pc spare hose, 3x Welding / cutting torches.

Gas Quads:

2x 40 Cylinder oxygen rack complete with cylinders
2x 20 Cylinder Acetylene rack complete with cylinders
1x 10 Cylinder Argon rack complete with cylinders
1x 10 Cylinder Nitrogen rack complete with cylinders

Electric Welding sets:

4x TIG welding sets, with tungsten Collets, Ferrules,
Gauges, etc.

Welding Ovens:

1 x 200 Kg Welding Rod holding oven
1 x 200 Kg Welding Rod baking oven

Painting Machine:

1 set

Grit Blaster:

1 Set

Deck Power Supply:

300 KW(e), 440V, 60 Hz, 3 PH - From MSB

Covered fabrication Space:

20 M2 - for Fabrication and Welding.

Flushing Pump:

The Fi-Fi Pump is used as flushing pump

Breathing Air Compressor:

1 x Suitable for filling 200 & 300 bar SCBA bottles

Stores / Rooms:

Rigging Store , Calibration Room, Tool room
Dark room for development of Radiographic films