

JANA 34 (IMO # 9777759)

60m Offshore Support Vessel

VESSEL:

Classification: ABS
Notation: + A1, Offshore Support Vessel, Supply, (E),
+AMS, SPS, UWILD
Additional: Compliance with SPS 2008. MLC 2006
Registry / Flag: Kingdom of Saudi Arabia
Build Date: 07 December 2015

MAIN PARTICULARS:

Length Overall: 59.6 m
Breadth: 13.8 m
Moulded Depth: 5.0 m
Moulded Draft: 3.6 m
Gross Tonnage: 1580
Displacement at SLL: 2200 Tons

PERFORMANCE:

Speed (Service): 12 knots (max)
Maneuvering: Twin Maneuvering Console in W.H.

MACHINERY:

Main Engines: 2 x Caterpillar, 2250 BHP each Propellers:
2 x Fixed Pitch
Main DG: 4 x 550 KW(e), 440 V, 60Hz, 3ph
Emr. DG: 1 x 80 KW, 440V, 60Hz, 3ph
Bow Thruster: 2 x 280 KW Tunnel Thruster (Elec)
Stern Thruster: 1 x 280 KW Tunnel Thruster (Elec)
Starting Air Compressor: 2 x 15 CuM/Hr at 30 bar
FO Purifier: 1 x 1000 ltrs/hr (LS HSD)
Sewage Treatment Plant: Biological Type for 50 Men
Oily Water Separator: 1 CuM/Hr

CAPACITIES:

Fuel Oil: 450 Cu.M
Fresh Water: 550 Cu.M
Water Ballast: 150 Cu.M
Bilge Dirty Oil: 8 Cu.M
Sewage: 40 Cu.M
Dispersant: 5 Cu.M
Clear Deck Area: 325 Sq.M (appx.)
Deck Cargo: 200 T @ 5T/Sq.M
Freezer & Chiller: 10 Cu.M (appx.) each
Dry Provision: 15 Cu.M (appx.)

TRANSFER RATES:

Cargo Fuel Pump: 2 x 100 Cu.M/Hr @ 60M wc
Cargo Water Pump: 2 x 100 Cu.M/Hr @ 60M wc
Bilge / Ballast Pump: 2 x 40 Cu.M/Hr @ 60M wc
Fire Pump: 1 x 40 Cu.M/Hr @ 50M wc

COMMUNICATIONS:

GMDSS Station: A1 & A2
VHF Desk Mounted: 4 x Sailor RT 2048 (Incl. rescue boat)



VHF Hand Held: 3 Nos. + 3 Spare Battery & Charger
EPIRB: 1 No.
SART: 2 Nos
1 x Fleet Broadband Connected to E-Mail, Phone & Fax
INMARSAT: 1 for Ship and 1 for Client
Internal Communication: Public Address, Talk Back & SPT
Telephone in Cabins, Office, Workshop

NAVIGATION EQUIPMENT:

Magnetic Compass: 1 No. (Reflector Type)
Gyro Compass: 1 No. + 3 Repeaters (2 Analog + 1 Digital)
Auto Pilot: 1 No.
Radars d: 2 nos. – X – Band Slave aft
Echo Sounder: 1 No.
Nautex: 1 No.
Anemometer: 1 No.
GPS: 1 No.
Weather Facsimile: 1 No.
Speed Log: 1 No.

COMPLIMENTS (Total Acco.50 Men):

Single: 10 x 1 Man = 10
Double: 4 x 2 Men = 08
Four: 8 x 4 men = 32
Offices: 2 Nos (1 No. for Client 1 No. for Ship)
Workshop: Air Conditioned dedicated workshop facility
Mess/Recreation: 2 Mess Room Cum Recreation Room
Prayer Room: 1 No.
Hospital: 1 No. Dedicated Hospital

DECK MACHINARIES:

Anchors: As per Class Requirement (1200 Kg x 2 HHP type)
Chain: 2 x 330 M
Anchor Windlass: One as per Class Requirements
Chain Stopper: 2 x Roller Type with lashing screw
Capstan: 2 x Electro-Hydraulic, 5 tons

SAFETY & FIREFIGHTING:

Rescue Boat: As per SOLAS and Complying to SPS 2008
Liferaft: As per SOLAS
Fire Extinguisher: As per Class Requirements
FiFi Pump: 1 x 750 Cu.M/Hr, Independently Engine Driven
Monitors: 2 x 350 Cu.M/Hr @ 8 bar
Emr. Fire Pump: 35 Cu.M/Hr @ 45M head
Fixed Suppression: Fixed CO2 System
Dispersant System: 1 Nos. Spray Booms
Fixed H2S/LEL: 5 Sensors each
Search Light: 2 x 1000 W, Underdeck Operated

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

Deck Crane (Optional):

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