

Accommodation Work Barge

Sarku 2000



Name : Sarku 2000
 Year Built : Built in 1991
 Upgrading of accommodation to 270 pax in 1995
 Installation of 2 units cranes (Favelle Favco and AMC) in 2002
 Refurbishment of accommodation and install 8 nos of 85 tons of winch system in 2012

Ship Operator/ Manager : Sapura Marine Ventures Sdn Bhd

Classification : America Bureau of Shipping (ABS) Class A1 Barge

Flag/Registration : Malaysia/Kuching

Living Accommodation : Fully air-conditioned for 270 Personnel

Cranage : Main Crane-Favelle Favco PC150 Pedestal crane rated capacity 100 metric tonnes. Boom Length 51.82 m (170 ft)
 Auxiliary Crane-American Hoist 5,720 Pedestal crane rated Capacity 50 metric tonnes
 Boom Length 39.52 m (130 ft)

Dimensions

Overall length : 91.50 m
 Length At Water Line : 30.50 m
 Depth Moulded : 7.00 m
 Loaded Draught : 4.74 m
 Loaded Freeboard : 2.25 m

Deck Space

Uninterrupted Deck Space : 1,115 m²

Tank Capacity

Portable Water Tank : 750 MT
 Fuel Oil Tank : 390 MT
 Mooring System : 8 Point Mooring (8 x 85 tonnes Single Spool Anchor Winch)

Duty Capacity (Low Speed) : 85 tonnes x 11/min @ 1st Layer
 Duty Capacity (High Speed) : 23 tonnes x 33/min @ 1st Layer
 Single Drum : 1,500 m x Dia. 52 mm of wire rope

Capacity Brake Holding : 150 tonnes @ 1st Layer hydraulic-operated band brake

Tension Brake : Drag Brake capacity of 7.5 tonnes x 100 m/min @ 1st Layer with Hydraulic Operated Jaw Clutch

Staffa Dual Displacement Hydraulic Motor with Auto Spooling device.

Machinery : 3 units Main Generator @ 800 kW
 1 unit Emergency Generator 250 kW
 Power Distribution Layout 415V/50Hz/3 phases
 Position of Switch Gear/MCC Remote Distribution Board main items of Electrical Plant Switchboard in Main Engine Room
 Permanent Equipment
 4 units Miller Welding Set & Welding Rectifier Power Rating @ 300 Amps
 1 unit Oily Water Separation (capacity @ 3.0 cubic meter per hour)
 2 units Water Maker S300 AquaChem in main engine room
 Daily output (operating) 25 tonnes per unit per day
 1 unit Water Maker Aquatech operating 30 MT per day
 4 units static Air Compressor in Portside engine room (capacity) discharge pressure of 750 cfm @ 120 psi per unit

Life Saving : Life-Saving apparatus for 270 personnel in compliance with Solas 74-3x90 men TEMPS for 270 personnel
 1 unit Seakat Rescue Boat

Safety Equipment (Fire Fighting Appliance): CO2 System installed at engine room, machinery and equipment areas and Sprinkler System installed at all accommodation areas
 Smoke & Heat Detectors connected to Central Alarm System
 1 unit Diesel Engine powered Emergency Fire Pump of 1,200 cubic meter per hour @ 90 m head
 2 units Electric Motor Driven Fire Pumps of 500 cubic meter per hour @ 70 m head

Communication : 2 units VHF Back-up System
 Equipment : 2 units International Marine VHF SSB Radio
 INMARSAT Mini-M Satellite Communication System
 Intercom/P.A. System Installed
 Sound powered telephone Installed
 Air Sea Radio
 Fax Machine

Helideck : 24 m x 24 m Steel Deck and capable of supporting S-61N Helicopter

** Particulars are believed to be correct but not guaranteed.
 ** All figures given are approximate only.
 ** Owners reserve the right to amend the specifications without notification