

Accommodation Work Barge



Vessel name:

SARKU 300

**300-men Accommodation Work Barge
(8-Point Mooring)**

Principal Particulars

Name	: Sarku 300
Year Built	: 2008
Ship Operator/Manager	: Sarku Marine Sdn. Bhd.
Class	: American Bureau of Shipping
Flag	: Malaysia/Kuching
Length Overall	: 111.56m
Breadth Moulded	: 31.70m
Depth Moulded	: 7.31m
Draft (Max)	: 4.50m
GRT/NRT	: approx. 10197/3059
Notation	: ABS A1 Barge
Call Sign	: 9WH02

Cargo Capacities

Deadweight	: approx. 9954 T
Deck Strength	: 12.57/sq.m
Clear Deck Area	: approx. 1926 m ²
Fuel Oil	: 1740m ³
Fresh Water	: 2971m ³
Ballast Water	: 5664m ³
Drill Water	: 1060m ³
Liquid Mud	: 777m ³
Freezer/Chiller	: 50 m ³ /55 m ³
Foam/Detergent	: 1 m ³ /Nil

Pumps

Fuel Oil	: 1 x 118 m ³ /hr @ 60 m/head; Azcue
Fresh Water	: 1 x 120 m ³ /hr @ 60 m/head; Azcue
Ballast Water	: 2 x 500 m ³ /hr @ 50 m/head; Azcue
Drill Water	: 1 x 120 m ³ /hr @ 60 m/head; Azcue
Liquid Mud	: Nil

Machinery

Generator	: 5 x 620 kw @ 1800 rpm Caterpillar 3412 DITA c/w Leroy Somer LSAM49.1M6 rated at 580 kw/440 V/ 3 Ph/60 Hz
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Emergency Generator	: 1 x 99 kw @ 1800 rpm Caterpillar 3056 DITA c/w Leroy Somer LL3024F rated at 99 kw/440 V/3 Ph/60 Hz
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Deck Equipment

8-point Mooring	: 8 x single drum electro-hydraulic; Mentrade HMW-90T c/w tension sensors, wire length counter, 16 vertical sheaves & 8 universal fairlead
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Drum	: suit' for 1400 m (L) x 52 mm (Ø) SWR
Rated Pull	: 85 mt @ 0-12 m/min @ 1st layer (1st speed) 50 mt @ 0-19 m/min @ 1st layer (2nd speed) 28 mt @ 0-32 m/min @ 1st layer (3rd speed) 15 mt @ 0-48 m/min @ 1st layer (4th speed)

Brake Capacity	: 150 mt static @ 1st layer
Anchor Wire	: 8 x 1400 m (L) x 52 mm (Ø) SWR
Anchor	: 8 x 7000 kg Flipper Delta Anchor 1 x 7000 kg Flipper Delta Anchor (spare)
Pennant Buoy	: 10 x 2.45 m (L) x 1.83m (Ø) foam-filled type
Capstan	: 4 x 10 mt @ 20 m/min electric; Mentrade HVC-10T
Tugger Winch	: 2 x 15 mt @ 20 m/min electro-hydraulic; Mentrade HUW-15T
Helideck	: suitable for M18 and S92 Helicopter
Outer Area	: 25.62m x 25.62m
Deck Crane	: 1 x 300 mt Huisman pedestal-mounted offshore crane c/w 46m jib and flyjib

Main Hoist:-	
Static Load Cap	: 300 mt/9 falls @ 10m radius 76 mt/9 falls @ 44m radius
Dynamic Load Cap	: 240 mt/9 falls @ 12m radius 48 mt/9 falls @ 44m radius
Auxiliary Hoist:-	
Articulated Gangway	: 30 mt single line at all radius 1 x 15m x 1m (main) c/w 7.5m x 1m (ext)

Accommodation

Single Berth	: 8 x 1 berths
Double Berth	: 14 x 2 berths
Four (4) men berth	: 66 x 4 berths
Total	: 300 berths

All cabins fully air-conditioned, comply to ILO 92, IMO Resolution A468 (XII)

Radio & Navigation Equipment

GMDSS	: Area 2 comprising
SSB	: 1 x Furuno FS-1570T
Inmarsat C	: 1 x Furuno Felcom 70
VHF Radio	: 1 x Furuno FM 3000 with built-in DSC 1 x Furuno FM 8800S with built-in DSC
Navtex Receiver	: 1 x Furuno NX 700A
SART	: 2 x Mc Murdo S4
EPIRB	: 1 x Mc Murdo E3A
Portable VHF Radios	: 3 x Mc Murdo R2
Portable Marine	: 3 x Motorola GP-328
VHF Radios	: 8 x ICOM M88
VHF Air Band Transceiver	: 1 x ICOM IC-A200 1 x ICOM IC-A6 (HLO)
Satellite Mini-M	: 1 x Sailor Trane
VHF for Crane	: 1 x Simrad RT62
Radio Beacon Transmitter	: Nautel ND500II
Radar	: 1 x Furuno 1932 MK2
Echo Sounder	: 1 x Furuno FE700
GPS	: 1 x Furuno GP90
Satellite Compass	: 1 x Furuno SC502
Weather Fax	: 1 x Furuno FAX 207

Barge also fitted with Vingtor PA Talkbalk System and Sound Powered Telephones

Fire Fighting & Survival Equipment

Fire Pump	: 1 x 150 m ³ /hr @ 110 m/head; Azcue
Fire Monitors	: 2 x 75.3 m ³ /hr @ 7 bar; Skum FJM-80
Emergency Fire Pump	: 1 x 50 m ³ /hr @ 80 m/head; Azcue
Life Raft	: 24 x 25 man SOLAS approved
Rescue Boat	: 1 x 6 persons SOLAS approved Narwhal SV480 c/w launching davit

Fire Detection System in all enclosed spaces.
Fixed CO₂ system for generator room, paint store and galley duct.
Fixed automatic water sprinkler system for whole accommodation spaces including store & workshop.

Other Facilities

Hospital	: 1 x double berth hospital with attached paramedic room
Galley	: 1 w/cooking utensils, refrigerators etc.
Offices	: Total 6; 3 on main deck, 1 on Deck 1, 2 on Deck 3
Conference Rooms	: 1 with seating capacity for 30 men 1 with seating capacity for 10 men
Messrooms	: 1 x officers mess with seating capacity for 20 men 1 x main mess with seating capacity for 150 men
Recreation Rooms	: 1 main room with seating capacity for 80 men & 1 for officers with seating capacity for 15 men
TV/Video Room	: 1 with seating capacity for 30 men
Others	: 2 x Player Rooms, 1 x Meeting Room 1 x Forward Control Room, 1 x Change Room 1 x Laundry/Drying Room, 1 x Dry Provision Room 1 x Arrival/Departure Room for up to 15 men, 1 x Winch Control Room, 1 x Barge Radio Room 1 x Gym Room
Workshop	: 1 complete w/lathe, drilling machine, grinding machine, electric saw, oxy/ acetylene welding machine
Miscellaneous	
Oil Water Separator	: 1 x 1 m ³ /hr c/w 15 ppm alarm; Oilchief
Sewage Treatment Plant	: 2 x 50 men/day; Biomaster
Water Maker	: 2 x 50 m ³ /day reverse osmosis; Seanly Tech

** 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.

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