

# African Worker

## Accommodation Support Barge



African Worker provides support and infrastructure during offshore construction or modification and maintenance. Flat bottom barges are well suited for the calm waters off the coast of Africa, Middle East and many other geographies.

African Worker can also provide lay-down areas. The barge is catenary anchored and will typically be moored in benign waters, and sometimes alongside the offshore platform, to which it will be connected with a gangway, for safe personnel transfer.

# AOS

African Offshore Services

## Accommodating the Offshore Industry



# Technical Specifications

## PRINCIPAL PARTICULARS

Length Overall	100.58 m
Breadth Moulded	31.70 m
Depth Moulded	7.31 m
Draft (Max)	4.50 m
Built	2009, batam
GRT / NRT	9462/2838
Class	ABS
Notation	ABS+AI Work Barge
Flag	Cyprus
Call Sign	5BUU2

## CARGO CAPACITIES

Deadweight	8608 tons
Deck Strength	12.5T/sq.m
Clear Deck Area	1300 sq.m
Fuel Oil	1740 m <sup>3</sup>
Fresh Water	1840 m <sup>3</sup>
Ballast Water	4430 m <sup>3</sup>
Drill Water	1060 m <sup>3</sup>
Liquid Mud	770 m <sup>3</sup>
Cement Tank	Nil
Freezer / Chiller	50 m <sup>3</sup> /55 m <sup>3</sup>
Foam / Detergent	1 m <sup>3</sup> / Nil

## ACCOMMODATION

Single berths	8 x 1 berth
Double berths	14 x 2 berth
Four (4) men berths	66 x 4 berth
Total	300 berth
All cabins fully air-conditioned, comply to ILO 92, IMO Resolution A468 (xli)	

## RADIO & NAVIGATION EQUIPEMENT

GMDSS	Area 2 comprising
SSB	1 x Furuno FS-1570T
Inmarsat F	1x Furuno Felcom 70
VHF Radio	2 x Furuno FM 3000 with built-in DSC
Navtex Reciever	1 x Furuno NX 700A
SART	2 x Mc Murdo S4
EPIRB	1 x Kannad Marine
Portable VHF Radios	3 x Mc Murdu R2
Portable Marine Radios	12 x ICOM M23
VHF Air Band T'receiver	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 T'mitter	Nautel ND 500II
Radar	1 x Furuno 1932MK2
Echo Sounder	1 x Furuno FE700
GPS	1 x Furuno GP90
Satelite Compass	1 x Furuno SC502
Wweather Fax	1 x Furuno FAX 207
AIS	1 x JRC JHS-183
Weather station	1 x AIRMAX WX200
Barge also fitted with Vongtor PA Talkbalk System and Sound Powered Telephones	

## MISCELLANEOUS

Oil water Separator	1 x 1 m <sup>3</sup> /hr c/w 15 ppm alarm; Oilchief
Sewage treatment	2 x 50 men/day; Biomaster
Water maker	2 x 50 m <sup>3</sup> /day reverse osmosis; Seanly Tech
B&P water maker	1 x 300 m <sup>3</sup> /day

## MACHINERY

Generator	5 x 620 kw@ 1800 rpm Caterpillar 3412 DITA c/w Leroy Somer LSAM49.1 M6 rated at 580 kw/440V73 Ph/60 Hz
Emergency Generator	1 x 99 kw@1800 rpm Caterpillar 3056 DITA c/w Leroy Somer LL3024F rated at 99kw/440V73 ph/60 Hz
Provision crane	1 x 2.2mt SVVL pedestral hydraulic crane Palfinger Marine
Forklift truck	1 x 4mt SVVL Mitsubishi -Japan

## DECK EQUIPEMENT

8-Point Mooring	8 x single drum electro-hydraulic; Mentrade HMW-90t c/w tension sensors, wire lenght counter; 16 vertical sheaves & 8 universal fairleaders
Drum	Suit for 1400 m (L) x 52 mm (Ø) SWR
Rated Pull	85 mt @ 0-12 m/min@1 st layer (1st speed)
Brake Capacity	150mtstatic @ 1st layer
Anchor Wire	8 x 1400 m (L) x 52 mm (Ø) SWR
Anchors	4 x 7000 kg flipper Delta Anchors
Pennant Buoy	10x 2,45 m (L) x 1.83 (Ø) foam filled type
Capstan	4x 10 mt @ 20m/min electric; mentrade HVC- 10T
Tugger winch	2 x 15 @ 20 m/min electro-hydraulic ; mentrade HUW-15T
Helideck	Suitablefor M18
Outer area	25.62 m x 25.62 m
Deck Crane	1 x 300 mt Huismn pedestal-mounted offshore crane c/w 46 m jib and flyjib
Main Hoist	
Static load cap	300 mt/ 9 falls @ 10 m radius 76mt /9 falls @ 44 m radius
Dynamic Load cap	240 mt/9 falls @ 12 m radius 48 mt/9 falls @ 44 mradius
Auxiliary Hoist	30 mt single line at all radius

## FIRE FIGHTING & SURVIVAL EQUIPMENT

Fire Pump	1 x 150 m <sup>3</sup> /hr @ 110 m / head Azcue
Fire Monitors	2 x 73.5 m <sup>3</sup> /hr @ 7 bar; skum FJM-80
Emergency fire pump	1 x 150 m <sup>3</sup> /hr @ 110m / head Azcue
Life Rafts	24x25 man solas approved
Fast Rescue Boat	
(work boat)	FR 30 Zhenjiang Marine with launching davit
Rescue Boat	1 x 6 Persons SOLAS Approved Narwhal SV480 c7w 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 accomodation spaced incld store & workshop	
Hospital	1 x double berth hospital with attached paramedic room
Galley	1 w/cooking utensils, refrigerator 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
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 wth seating capacity for 80 men & 1 for officers with seating capacity for 15 men
TV/Video room	1 with seating capacity for 30 men

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.