

African Caribe

Work & Accommodation Barge



The Multipurpose Service Barges provide support to production platforms and infrastructure during offshore construction or modification and maintenance. Flat bottom barges are well suited for the calm waters off the coast of West Africa.

The Multipurpose Service Barges provide accommodation, lifting capacity and lay-down areas. The barges are 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 Specification

PRINCIPAL PARTICULARS

Year built	2008
Flag:	Republic of Cyprus
Call Sign:	5BCB2
Port of Registry:	Limassol
Overall length:	102.00 m
Beam moulded:	30.00 m
Depth moulded:	6.00 m
Maximum draft:	4.27 m
GRT:	8729
NT:	3001
Classification:	ABS
Class notation:	Work barge
Clear Deck space:	822 m ²
Deck strength:	10 T/m ²

ACCOMMODATION

3 rd floor deck:	24 x 4 men cabin 10 x 2 men cabin 4 x 1 men cabin 2 x 1 man suite (Capt & Ch.Eng)
2nd floor deck:	28 x 4 men cabin 9 x 2 men cabin 1 x 1 man cabin (Doctor)
1 st floor deck:	12 x 4 men cabin
Main Deck:	12 x 4 men cabin
Total Complement:	Fully air-conditioned, comply to ILO 92, IMO Resolution A468 (XII)

RADIO & NAVIGATION EQUIPMENT

GMDSS	1 x Furuno RC - 1800 T/
MF / HF SSB	1 x Furuno FS - 1570 (150 W)
INMARSAT C	1 x Furuno Felcom 15
INMARSAT MES	1 x Furuno IC 305 / 306
VHF/DSC Radiotelephone	2 x Furuno FM - 8800 S
NAVTEX	1 x Furuno NX - 700 B
GPS	1 x Furuno GP - 150
Weather Facsimile	1 x Furuno FAX - 408
V SAT /KU	1 x Sea Tel
UHF Radio telephone	3 x GM 3688
UHF FM	6 x BFDX BF 5118
VHF Air Band	1 x Icom A 24
VHF Air Band	1 x Jotron TR - 710 MD
EPIRB	1 x Mc Murdo E 3 406 MHz
VHF Handheld Survival	3 x Mc Murdo R 1
SART	2 x Mc Murdo S 4
Gyro compass	1 x Tokimec TG - 8000
Anemometer	1 x Navman Wind 3150
Echo Sounder	1 x Hondex HE - 775
Radar	1 x Gem Extrasea 700/1000

MACHINERY

Main diesel generators:	3 x Cummings KTTA 38 - D(MI) 821 kW @ 1800 RPM 440/240 V , 60 Hz, 3 phases
Emergency generator:	1 x Cummings NT 855 - DM 358 kW @ 1800 RPM 440V , 60 Hz , 3 phases; 240V , 60 Hz ,
1 phase	
Air Compressors :	2 x 10 m ³ /h @ 10 bar 1 x 500 l @ 10 bar

CAPACITIES

Fuel Oil :	1450 m ³
Fresh water :	1611 m ³
Ballast capacity :	4312 m ³

DISCHARGE RATES

Fuel Oil :	2 x 15 m ³ /h @ 4 bar
Fresh Water :	generator 75 t/d
Drill Water :	1 x 110 m ³ /h @ 3 bar
Ballast Water :	1 dive pump

DECK EQUIPMENT

Anchor weight:	8 x 9 mT (1 spare) Flipper Delta 8 x 150 m x 38 mm pennant (1 spare)
Anchor Wire:	8 x 1200 m x 50mm x 18 mT
Mooring winches :	4 dble drum winches 90mT@10m/mn 2 x Elec-Hyd 10 mT @ 15m/mn
Helideck:	22.2 x 22.2 m - 9.3 t/m ² , S61N helicopter
Main crane:	TROWEL Crane (150 mt) 4 blocks (30t - 60t - 100t - 150t) Booms (2x12m) + (2x9m) + (1x6m)

FIRE FIGHTING & SURVIVAL EQUIPMENT

Main FIFI pump :	2 x 200 m ³ /h @ 10 bar
Emerg. FIFI pump :	1 x 100 m ³ /h @ 9 bar
General service pump:	N/A
Foam Monitors :	2 units (helideck)
Fire Hose/Station :	37 (65 mm x 15 m hoses + nozzles)

Portable Fire :	(21x4Kg)+(10x6Kg)+(1x8Kg)+(2x35 Kg) Powder
	(2 x 4 Kg) + (14 x 7 Kg) CO ₂
	(19 x 9 L) + (3 x 45 L) Foam

Fire Alarm/Central :	1 General Alarm
Dry Chemical system :	1 for the Galley
Sprinklers system :	
CO ₂ system :	Engine room & Paint locker
Life Rafts :	2 x 21 life rafts (25 men each)
Stretcher :	1 in chinese bamboo (1.52m)
Rescue Boat :	1 x 6 pers (4.50 x 1.70 x 0.75m)

OTHER FACILITIES

Hospital :	1 bedroom + 1 office + 1 toilet/bath
Galley :	Cook prep + Cold prep + Veg prep + Scullery + Bakery + Pot washing
Garbage	1 Compactor (1st floor outside)
Radio/Control Room :	1 (Top Deck) No toilets
Engineers Office :	1 Chief Engineer cabin
Messroom :	164 pers (19 x 8 pers) + (2 x 6 pers)
Office :	3 (M.Deck) 6 (2nd deck) 3 (3rd deck)
Conference Room :	2 (1st floor) + 1 (2nd floor)
TV/Video Room :	2 (Main Deck) + 2 (1st floor)
Sewage Treatment :	2 x 180 men capacity
Water Maker :	2 x 75 t/d Reverse osmosis
Workshop :	1 x work bench 1 x table drilling machine 1 x lathe 1 x grinding machine 1 x electric welding equip. 350A 1 x oxy/acetyl cutting torch 2 x filing vice
Gymnasium :	1 (Main Deck)