

# African Lifter

## Accommodation Support Barge



The Accommodation Support Barge 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 Accommodation Support Barge provide accommodation, lifting capacity and 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 personnell transfer.

# AOS

African Offshore Services

## Accommodating the Offshore Industry



# Technical Specifications

## PRINCIPAL PARTICULARS

Accommodation	Up to 325 Persons
Year built/Hull No	2009
Hull/No	YRO 2007-221
Port of Registry	Limssol
Lenght of all main decks	102,60 m
Beam	30 m
Depht moulded	6.00 m
Loaded drought	4.24 m
Gross Tonnage	9150 Tons
Net Tonnage	3115 Tons
Clear deck space	950 m <sup>2</sup>
Main deck load	10 t/m <sup>2</sup>

## VESSEL PARTICULARS

Lenght Overall	102.60 m
Beam moulded	30.00 m
Depth moulded	6.00 m
Maximum draft	4.26 m
GRT/NRT	9150/3115
Classification	American Bureau of Shipping
Class notation	A1 Accommodation and work barge
Flag	Republic of Cyprus
Call Sign	5BR2
Official number	711485
Builder's Yard	Yantai Raffles shipyards
Owners	Marine Subsea
Port of Registry	Limassol
MMSI Number	212560000
deckhouse height	3.00 m

## ACCOMMODATIONS

3rd floor	23x4 men cabin 12x 2 men cabin 12x1 men cabin
2nd floor	29x4 men cabin 12x2 men cabin
1st floor	14x4 men cabin
Main deck	1x1 man cabin
Total	325 berths

## FIRE FIGHTING & SURVIVAL EQUIPMENT

Main FIF pump	2x 200 m <sup>3</sup> /h
Emergency FIF pump	1x 100 m <sup>3</sup> /h
Fire water monitors	N/A
Foam Monitors	
Fire hose box	
Extinguisher portable	
Powder	(31x9 kg)+(1x30 kg)+(1x2 kg)+(1x50 kg)
co2	(1x9 kg)+(18x5 kg)
water	(9x9L)+(1x45L)
Fire alarm/central	1 general Alarm
co2 system	Engine room & Paint locker
Dry Chemical system	1 for the galley
Life rafts	2 x 24 life rafts (25 men each)
Rescue boat	1 x 6 persons
Stretcher	3 pcs

## CAPACITY

Fuel oil	1220 m <sup>3</sup>
Fresh water	1788 m <sup>3</sup>
Ballast	6248 m <sup>3</sup>

## DISCHARGE RATES

Fuel Oil	2 x 15 m <sup>3</sup> /h @4 bar
Fresh water	Generator 75 t/d
Drill/bilge Water	1 x 110 m <sup>3</sup> /h@3 bar

## DECK EQUIPMENT

Mooring system	4 able drum winches
Pennat Wire	8 x 100 m x 38 mm (1 spare)
Anchor wire	8 x 1200 m x 52 mm x 18 mt
Anchors	8 x 9 mt (1 spare) Flipper delta
Tugger Winche	2 x Elec-Hyd 10 mt @ 15m/mn
Helideck	m <sup>2</sup>
Inner area	s6in Helicopter
Deck crane	Crawler Crane (160mt)
Privision crane	25t

## MACHINERY

Main diesel generator	3x 809 KW @1800 RPM 440/240V, 60Hz, 3 phases
Emergency Generator	1 x 313 kw@1800 RPM 1 x 440v, 60 Hz, 3 phaes 1 x 240v, 60 Hz, 1 phase
Air compressors	2 x 10 m <sup>3</sup> /h@10 bar
Air receiver	1 x 500 l @10 bar

## RADIO & NAVIGATION EQUIPMENT

GMDSS Radio Console	1 x Furuno RC-1800 t
MF/HF SSB	1 x Fuuno FS-1570 (150W)
VHF/DSC Radiotelephone	2 x Furuno FM-8800 S
NAVTEX	1 x Furuno NX-700B
GPS	1 x Furuno GP-150
Weather Facsimile	1 x Furuno FAX -408
INMARSAT C	1 x Furuno Felcom 15
INMARSAT MES	1 x Furuno IC 307 (SSAS)
INMARSAT Mini M	1 x Sailor TT-3064 a
V sat/ku	1 x Sea Tel
UHF Radio telephone	3 x GM 3688
UHF FM	6 x BFDX BF5118
VHF Air Band	1 x icom a 24
VHF Air Band	1 x jotron TR-710MD
EPIRB	1 X Mc Murdo e 3 406 MHZ
VHF Handheld Survival	3 x Mc Murdo RI
SART	2 x Mc Murdo S4
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 1000

## OTHER FACILITIES

Hospital	1 bedroom + 1 office + 1 toilet/bath
Paramedic room	N/A
Galley	Cook prep + cold prep + veg prep + scullery + bakery + Pot washing
Garbage	1 Compactor (1st floor outside)
Fridges	Fish + Meat + vegetables
Messroom	180 pers
Laundry	1 (main deck)
Radio/Control room	1 (top deck) no toilets
Waiting area	1 (top deck)
Engineers office	1 chief Engineer cabin
Offices	3 (M. Deck) 4 (2nd deck) 2 (3rd deck)
Conference room	1 (2nd floor) + (3rd floor)
Recreation Room	2 (main deck) + 1 (1st floor)
Video Room	1 (1st floor)
Prayer room	N/A
Gymnasium	1 (2nd deck)
Sewage Treatment	2 x 200 men capacity
Water Maker	2 x 75 t/d Reverse Osmosis