

# African Installer

## 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

Year built / Hull No.:	2008
Official Number:	H053
Builder's Yard:	JAYA Asiatic Shipyard, Batam, Indonesia
Owners:	Marine Subsea
Flag:	REPUBLIC OF CYPRUS
Call Sign:	5BLK2
Port of Registry:	LIMASOL
Overall length:	100,58 m
Beam moulded:	31,70 m
Depth moulded:	7,31 m
Maximum draft:	4,5 m
GRT:	9412
NT:	2823
Classification:	ABS
Class notation:	Accommodation/Crane
Clear Deck space:	1600 m <sup>2</sup>
Deck strength:	17,5 T/m <sup>2</sup>

## ACCOMMODATION

Deck 1:	26x4 men cabin
Deck 2:	39x4 men cabin
Deck 3:	2x1 man suite
	6x1 man cabin
	14x2 men cabin
	1x4 men cabin
Total Complement:	300 berth
	Fully air-conditioned, comply to ILO 92, IMO Resolution A468 (XII)

## RADIO & NAVIGATION EQUIPMENT

1 x Furuno radar I932 MK2
1 x Furuno FM-8800S VHF DSC
1 x Furuno Air band VHF radio IC-A200
1 x Nautel Radio beacon transmitter ND 500IIS
1 x Furuno SSB FS-2570 MF/HF Radio
3 x Motorola GP328 VHF Hand Transceiver
10 x Icom IC-M34 VHF Hand Transceivers
1 x Mac Murdo Epirb E5
2 x Mac Murdo Search & Rescue Transponders E5/G5
1 x Furuno NX-700 Navtex
1 x Furuno Felcom-70
1 x Furuno GP-350 GPS
1 x RMYoung 05103-58 Wind Monitor
1 x Furuno Fax 408 Weather Fac-Simile
1 x Furuno FE-700 Echo Sounder

## MACHINERY

Main diesel generators:	5 x Caterpillar 3412 DITA
	620 kW each, 1800 rpm AC
	3-phase, 440/230 V, 60 Hz
Emergency generator:	1 x Caterpillar 3056 DITA
	99 KW, 1800 rpm
	440 V, 3 phases, 60 Hz
Air Compressors:	Quincy QSI - 750, 21,3 l/m, 8,6 bar
	Quincy QSI - 500, 14,3 l/m, 8,6 bar

## CAPACITIES

Fuel Oil:	1739,1 m <sup>3</sup>
Fresh water:	1866,6 m <sup>3</sup>
Ballast capacity:	4597,2 m <sup>3</sup>
Drilling water:	1061,5 m <sup>3</sup>

## DISCHARGE RATES

Fuel Oil:	1 x 118 m <sup>3</sup> /h @ 60 m head
Fresh Water:	2 x 120 m <sup>3</sup> /h @ 60 m head
Drill Water:	1 x 120 m <sup>3</sup> /h @ 60 m head
Ballast Water:	2 x 500 m <sup>3</sup> /h @ 50 m head

## DECK EQUIPMENT

Anchor weight:	4 x 10000 kg
	4 x 7000 kg
Anchor Wire:	8 x 1400 m, 52 mm
Mooring winches:	8 Mentrade winches, electro-hydraulic type,
	150 T on first layer (static), 95 T on mid layer
Helideck:	25 m x 25 m, 12 T max loading
Main crane:	Huissman Crane
	SWL 300T on main hook
	SWL 30T on secondary hook

## FIRE FIGHTING & SURVIVAL EQUIPMENT

Main FIFI pump:	1 x 180 m <sup>3</sup> /hr @ 120m head
Emerg. FIFI pump:	1 x 50 m <sup>3</sup> /hr @ 80m head
General service pump:	1 x 100 m <sup>3</sup> /hr @ 60 m/head
Foam Monitors:	2 units
Fire Hose/Station:	14 x 50 mm
	19 x 65 mm
Portable Fire:	48x 6 kg Dry Powder;
	2 x 45 kg Dry Powder
	13 x 6,8kg CO <sub>2</sub> ;
	10 x 9ltrs Liquid Chemical
Fire Alarm/Central:	1 central panel w/ 49 manual points & 195 detectors
Wet Chemical system:	1 system in galley
Sprinklers system:	
CO <sub>2</sub> system:	Engine & Control room, Paint locker, Galley vent. ducts
Life Rafts:	24 x 25 persons capacity
Stretcher:	2
Rescue Boat:	1 x 6 persons inflatable rescue boat c/w davit

## OTHER FACILITIES

Hospital:	1 x 2-bed w/lockers, toilets
Galley:	1 on service deck
Paramedic Room:	1 on main deck
Radio/Control Room:	1 on deck 3
Engineers Office:	1 on main deck
Messroom:	Up to 140 persons w/tables, chairs
Welders Office:	1 on main deck
Conference Room:	1 on deck 3, 1 on deck 1
TV/Video Room:	2 on deck 1
Meeting Room:	1 on main deck
Prayer Room:	2 rooms deck 2
Sewage Treatment:	2 x 150 men capacity
Water Maker:	1 x 60T/day Reverse Osmosis
Workshop:	1 on main deck
Gymnasium:	1 on deck 1