

African Fjord

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:	2008
Flag:	Republic Of Cyprus
Call sign:	5BCL2
Port of Registry:	Limasol
Overall Length:	100,00 m
Beam Moulded:	30,50 m
Depth moulded:	7,62 m
Maximum Draft:	5,5 m
Deckhouse Height:	3,0 m
Anti Rolling Tanks:	FWD 1375,4 m ³ AFT 1458,7 m ³
GRT:	10413
NT:	3124
Classifications:	ABS
Class notation:	Work bargebuilt to MODU code for unrestricted service
Clear deck space:	1600 m ²
Deck strength:	15,0 T/m ²

MACHINERY

Main diesel generators:	5 x Caterpillar 3412, 500 kw
Emergency generators:	1 x caterpillar c4.4 DITA 84 KW. 415 V3, 50 Hz
Air Compressors:	Tansin TSI 11, 10 bar, 1,43 m ³ /min

CAPACITIES

Fuel Oil:	1715 m ³
Fresh Water:	2704,2 m ³
Ballast capacity:	9003,4 m ³
Ballast Pumps:	2 x 5 m ³ /h

DISCHARGE RATES

Fuel Oil:	2 x 45 m ³ /h@45 m head
Fresh Water:	2 x 30 m ³ /h@35 m head
Drill/bilge water:	
Ballast Water:	2 x 500 m ³ /h@30 m head

OTHER FACILITIES

Hospital:	1 x 3-bed w/lockers, toilets
Galley:	1 w/cooking utensils, fridges etc. On "B" deck
Paramedic Room:	1 on main deck
Radio/Central Room:	1 x Radio Equipment on "Office" deck
Messroom:	Up to 100 persons w/tables, chairs
Office:	4 on "office" deck & 1 each on main and "B" deck
TV/Video Room:	1 smoker/nonsmoker sections, on "B" deck
Video Room:	1 w/sofa & armchair on main deck
Prayer Room:	1 room Surau/Christian each on "B" deck
Sewage Treatment:	2 x 150 men capacity
Water maker:	2 x 50 T/day Reverse Osmosis
Workshop:	
Gymnasium:	1 w/Gym Equipment

ACCOMMODATION

"C" deck:	48x4 men cabin
"D" deck:	4x1 man suite 8x1 man cabin 12x2 men cabin 18x4 men cabin
Total Complement:	300 berth fully air-conditioned Comply to ILO 92, IMO Resolution A468 (xII)

RADIO & NAVIGATION EQUIPMENT:

1 x Furuno
1 x Furuno 8800SVHF Semi Duplex
1 x Air band radio ICA 200
1 x Nautel Radio beacon transmitter ND 500
1 x Furuno FS-2570 MF/HF radio
1 x Furuno DMC5 watch Receivers
6 x Icom VX-800D Walkie Talkies
1 x radio beacon cospas Sarsat
1 x Epirb
1 x furuno NX-700 (B) Navtex
1 x Nera worldphonem Mini M
1 x GP-320B GPS
1 x RM young 05103-58 Anemometer
1 x Furuno VX 1934c Navnet (cmap)
1 x Furuno FCV-1100L Echo sounder
200m working depth
1 x Furuno Felcom 15 Inmarsat -C

FIRE FIGHTING & SURVIVAL EQUIPMENT

Main FIFI pump:	1 x 160 m ³ /hr@100 m head
Emerg FIFI pump:	1 x 60 m ³ /hr@65 m head
Fire water monitors:	2 units 100 m ³ /hr@50 m/hr
Foam Monitors:	2 units
Fire Hose/Station	8 x 40mm-22x65 mm
Portable Fire:	35x4,5 kg dry powder: 2x 45 kg dry powder 3x6,8 kg co2: 31x 9 ltrs Liquid Chemical
Fire Alarm/Central:	1 Central panel w/41 manual points
CO ² System:	28 bottles (engine, 4 winch-rom-compartments, workshop)
Life Rafts:	42
Stretcher:	1
Rescue Boat:	1 x 6 persons rigid rescue boat c/w davit

DECK EQUIPMENT

Mooring system:	
Anchor weight:	7000 kg
Anchor Wire:	1200 m, 46 mm
Helideck:	25 m x 23 m. 58 t/m ² loading
Inner Area:	Strenght suitable for Sikorsky s92 helicopter
Main crane:	AMCLYDE 35000HD
Provison Crane:	3t x 10 m haeen