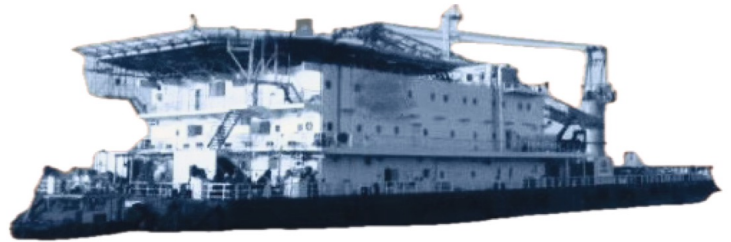


SHIP PARTICULARS

150 Men Accommodation Work Barge



PRINCIPAL PARTICULAR

Type of Barge : Accomodation Work Barge
Year Built : 2008
Where Built : Nantong (Jiangsu Province), Shanghai, China
Builder : Nantong Tongmao Shipbuilding Co., Ltd

DIMENSION

LOA : 85.34 M
Breadth : 24.38 M
Depth : 4.88 M
Class : BV, BKI
GRT : 5107.00 tons
NRT : 1532.00 tons

CARGO CAPACITIES

Deadweight : 3951.22 T
Deck Strength : 15T/sq.m
Clear Deck Area : 1000 Sq.Mtr (approx)
Fuel Oil : 906.40 M3 (approx)
Fresh Water : 2 x 447 m3

Freezer / Chiller : 2 x 25.54 M3
Sewage Tank : 53.70 M3
Dirty Oil : 21.5 M3

PUMPS

Fresh Water Cargo Transfer Pump : 1 x 80 m3/hr @ 50m/head
Fresh Water Pressure Pump : 2 x 50 m3/hr @ 50m/head
Sea Water Pressure Pump : 2 x 100 m3/hr @ 600m / Head

MACHINERY

Generator : 3 x Cummins Chongqing – Model KTA19G4M
Alternator : 500kVA, 0.8pf, 400kW, 415/230V, 50Hz 1500rpm

Emergency Generator : 1 x Cummins Marine – Model 6CT8.3 – GM115
123.75 kVA, 0.8pf, 99kW, 415/230V, 50Hz 1500rpm

DECK EQUIPMENT

8-point Mooring : 4 x Diesel driven drum waterfall winch, 77 tones line Pull (AM HOIST – AM77 Drum Cap 1200m (L) x 38mm (Ø)SWR 16 vertical sheaves & 8 fairleaders
Brake Capacity : 72 tons static
Anchor Wire : 9 x 1200 m (L) x 38 mm (Ø) IWRC Wire
Anchors : 10 x 5000 kg Flipper Delta Anchors
Suitcase Buoy : 10 x 2.45m (L) x 1.83m (Ø) (Buoyancy 1.2mt)
Capstan Winch : 4 x 140 mt, Electric Drive
Deck Mounted : “Liebherr” CBO 3600-70 Litronic
Pedestal Crane : 6.2M @ 70T, Power 440V, 60 Hz, 3 phase/ Max Radius 51 mtrs)
Rescue Boat : 1 (SCM12-3,5R, Winch 04 – 03E) w/ Davits (Max SWL 10 kn, Testload Stastic 22kn)

AUXILIARY EQUIPMENT

Oil Water Separator : 1 x 1.13 m3/hr (BOSS ST107)
Sewage Treatment Plant : 1 x 150 men/day + 11 m3/day
Water Maker : 2 x 20 Ton/day
Bilge Holding Tank : 31.66 m3
Air Compressor : 2 x 0.7 mpa

RADIO & NAVIGATION EQUIPMENT

GMDSS : Sea Area A1 + A2 + A3
SSB : 1 x Furuno FS-1570 (MMSI – 525018017)
Link Sintel – Tel Net (F.B.B) : 1 x Sailor 150 Fleetbroad band
VHF Radio : 2 x Furuno FM 8800 wth built-in DSC
Navtex Receiver : 1 x Furuno NX 700
SART : 2 x Mc Murdo S4
EPIRB : 1 x Mc Murdo E5
GMDSS, VHF Radio : 3 x Mc Murdo R2
Portable Marine VHF Rdo (IS): 8 x Motorola GP-328

Radar	: 1 x Furuno 1932 MK2
Echo Sounder (Color)	: 1 x Furuno FCV585
GPS, GPS Compass	: 1 x Furuno GP32, 1 x Navigator GP150
Weather Fax	: 1 x Furuno FAX 408
AIS	: 1 x Furuno fa150
Magnetic Compass	: 1 x Daiko T-150B
Wind Monitor / Tracker	: 2 x Young 05103-58/06206
Air Band VHF (Hand Held)	: 1 x Icom IC-A6
Helicopter Communication Equipment	: 1 Set Non DF Radio Beacon, VR-125/250
VHF Airband Transceiver	: 1 x IC-A110
THD Satellite Compass	: 1 x Furuno SC-50

Barge also fitted with Vingtor PA Talkbalk System and Sound Powered, Telephones (18 lines); Batteryless Telephone Vingtor (VSP-213-L) 6 lines

FIRE FIGHTING & SURVIVAL EQUIPMENT

Ballast/Bilge/GS/Fire Pump	: 20 x 100 m3/hr @ 60m/head
Main Fire Pump	: 1 x 150 m3/hr @ 110m/head
Sprinkler Fire Pump	: 1 x 84 m3/hr @ 65m/head
Sprinkler Jockey Pump	: 1 x 3 m3/hr @ 112m/head
Emergency Fire Pump	: 1 x 40 m3/hr @ 60m/head
Fire Fighting Extinguisher	: 2 units
Rescue Boat	: 1 x 6 persons with outboard engine driven as per SOLAS (RB400) approved type 25 HP
Fix Fire Pump (motor drive)	: 1 x 40 m3/hr
Life Rafts	: 12 x 25 men SOLAS Approved

Fire Detection & Alarm System in All enclosed spaces
Fixed CO2 system generator room, paint store, Galley
Fixed automatic water Sprinkler system for whole
accommodation spaces includes store & workshop

OTHER FACILITIES

Hospital	: 1 x double berth hospital with attached paramedic room
Galley	: 1 w/ cooking utensils, refrigerators et. (Prov' 25.54M2/Freezer 22.54 & Chiller 25.50M2)
Messroom	: Level 1 (99.21M2) Seating capacity 80 men
Offices	: 2 Rooms on Main Deck
Conference Room	: 1 with seating capacity for 18 men (LAN-Type A available)
Others	: 1 x Prayer Room 1 x Laundry/Drying Room, 1 x Dry Provision Room, 1 x Winch Control Room, 1 x Barge Radio Room

Winch Control Room	: 1 c/w VHF/SSB & CCTV system for winches
Gym Room	: 1 on Main Deck fitted with 5 sets Gym Equipments
Changing Room	: 1 on Main Deck w/ 146 locker
Work Shop	: 1 on Main Deck c/w Lathe, Drill, Grinder, 3 Welding Machines, high speed cutting machines, 2 Air Compressor, Air dryer & etc.
Helideck	: Designed to suit Sikorky-614 or equil. (Deck strength 9.3 T/22.2 Sq.M)
CONSUMPTION	2 Gen Running : 4 M3 3 Gen Running : 7 M3

ACCOMMODATION

Single berth	: 6 x 1 berth (6 men)
Double berth	: 4 x 2 berth (8 men)
Four (4) men berth	: 34 x 4 berth (136 men)
Total	: 150 men

All cabins fully air-conditioned
(AHU Central Air Cond' System on M'DK, Level 1, Level 2)