

Principal Particulars

Registration & Classification	
Built Year / Builder	2010 / Taizhou Sanfu Shipyard, China
Flag / Registration Port	USA / ABS
Classification	American Bureau of Shipping
Notation	ABS + A1 Accommodation Barge
Official No. / Call Sign	21790909 / T2XU3

Physical Parameters		
Dimensions	Length	113.08 m
	Breadth	28.50 m
	Depth	7.30 m
	Draft	4.5 m
Tonnage	Gross / Net / Dwt	10392 T / 3117 T / 8034.61 T

Facilities | Supply Capabilities | Mooring

Facilities (Living, Working & Other)		
Accommodation	425 Persons	
1-man Cabin	12 x 1	= 12 Persons
2-man Cabin	16 x 2	= 32 Persons
3-man Cabin	11 x 3	= 33 Persons
4-man Cabin	87 x 4	= 348 Persons
Client Office	5 nos.	
Barge Master Office	1 no.	
Conference Room	1 no.	30 Persons Capacity
Radio Room	1 no.	
Control Room	1 no.	
Hospital	1 no.	3 Beds
Dinning Room (Officers)	1 no.	36 Persons Capacity
Mess Room (Crew)	1 no.	200 Persons Capacity
Laundry Room	1 no.	
Change Room	1 no.	
Recreation Room	2 nos.	Each 48 Persons Capacity
Gymnasium	2 nos.	
Prayer Room	1 no.	
Dry Provision Room	2 nos.	
Air Conditioning Unit	Centralized, Comply to ILO 92, IMO Resolution	
Meat / Fish Chiller	50 m3	
Vegetable Freezer	50 m3	

Cargo Capacity		
Deck Space / Strength	Deck Area	1850 m2
	Deck Strength	15 T / m2
Bulk Cargo	<u>Storage Capacity</u>	<u>Discharge Capacity</u>
Fuel Oil	1000 m3	80 m3 / hr @ 60 m head 2 x 10 M3/HR @ 30
Fresh Water	2186 m3	120 m3 / hr @ 60 m head
Ballast Water	8727 m3	2 x 350 m3 / hr @ 60 m head
Blige		2 x 150 m3 / hr @ 40 m head
Domestic Fresh Water and Sea Water		4 x 30 m3 / hr @ 70 m head

Mooring System		
Mooring Points	8 nos.	
Winch Drum	8 nos. Singe drum	Electro-Hydraulic
Winch Drive	Motor Driven	
Line Pull	90 T	12 m / min @ 1st Layer (1st Speed)
Brake Capacity	150 T	Static @ 1st Layer
Anchors	9 nos.	10 T (Flipper Delta)
Anchor Wire	8 Coils, 52 mm SWR	1500 m (L)
Pennant Wire	9 nos., 52 mm SWR	130 m (L) Each
Anchor Marker Buoys	9 nos. Foam Filled	2.45 m (L) x 1.83 m (Dia)
Tugger Winch	2 nos.	10 T (Engine Driven), 5 T (Motor Driven)
c/w tension sensors, wire length counter, 16 vertical sheaves, 8 Universal fairleaders		

Helideck		
Suitable for Sikorsky S92	Length	25.62 m
	Breadth	25.62 m

Machineries & Equipment

Generators		
Main Genset	Engine - 3 nos., Cummins KTA -38-DM	Each 1000 KVA 440 V, 3 Ph, 60 Hz
	Alternator - Stamford	

Machineries & Equipment		
Air Screw Compressor	1 no. (Motor Driven)	294 m3 / hr (1 Cyl /1 Stage) @ 13 bar
Fresh Water Maker	2 nos. x 50 m3 / day	Reverse Osmosis (Hansun)

Emergency Genset	Engine - 1 no., Cummins NTA 855-DM	250 KVA 440 V, 3 Ph, 60 Hz
Alternator - Stamford		
Deck Crane		
Pedestal Mounted Techcrane 500-160	Capacity	250 T
	Boom Length	160 Ft (49 m)

Sewage Treatment Plant	2 nos. x 200 men, WCB- 200	Jiangsu Nanjing Mechinary,
Oil Water Separator	1 no. (3 m3 / hr @ 15 ppm alarm)	Shanghai Shijiu Shipboard, China.
IOPP	Comply	
Workshop	1 no.	

Others

Communication & Navigation System		
GMDSS Set	Area Comprising A1, A2 & A3	
SSB Radio	1 no.	Furuno FS 2571C
Navtex Receiver	1 no.	Furuno NX-700
Inmarsat F	1 no.	Furuno Felcom 15
VHF Air Band T'receiver	1 no.	Icom IC A110
	1 no.	Icom IC - A24 (HLO)
VHF Radio	2 nos.	Furuno FM 8800S with built-in DSC
Portable VHF Radio (GMDSS)	3 nos.	ACR
Portable Marine VHF	8 nos	Motorola GP-328
Radios	16 nos.	Motorola GP-328
Intercom & PA System	Entire barge	
Satelite Phone, Fax & Email	One - Mini M & One FBB	Sailor Thrane & Thrane
GPS	1 no.	Furuno GP150
Radar	1 no.	Model: FR7062, Type: RDP-122, Furuno
Satelite Compass (GYRO)	1 no.	STD 22, Raytheon Anschutz
Magnetic Compass	1 no	Portable
Echo Sounder	1 no.	Furuno FE700
VHF for Crane	1 no.	Motorola GP-328
Radio Beacon Transmitter	1 no.	Nautel ND500II
Weather Fax	1 no.	Furuno FAX 207
Anemometer & Clinometers	1 no. & 4 nos.	
Barges also fitted with PA Talkbalk System and Sound Powered Telephones & CC TV Systems		

Safety (FFA & LSA)		
FFA (As per Solas) :		
Fire Pump	1 no. (Electric Driven)	300 m3 / hr @ 90 m head
Emergency Fire Pump	1 no. (Engine Driven)	300 m3 / hr @ 80 m head
Fixed Foam Fire Fighting	Foam Tank Capacity: 400 Liters.	For Helideck
Fire Monitors	2 nos.	140 m3 / hr @ 7 bar
Fire Hydrants	41 nos.	As per FFA plan
Intl. Shore Connection	2 nos.	As per FFA plan
CO2 System	Area Protected = Generator room, paint store & galley duct (Sinoking)	
Automatic Water Sprinkler System	Area Protected = Entire accomodation area, including paint store, galley and workshop	1 x 150 m3/hr @ 80m head
General Alarm, Fire Detection System	Area Protected = Entire barge	
LSA (As per Solas) :		
Rescue Boat	1 no.	8 Persons Cap. c/w davit
Life Raft	36 nos. (25 men capacity)	Total Cap. 900 persons (both sides)
Life Jackets	650 nos.	150 % of the maximum POB carrying capacity
Life Buoys with MOB	4 nos.	Mounted as per Barge Safety Plan
Life Buoys with SI Light	10 nos.	Mounted as per Barge Safety Plan
Life Buoys with Line	2 nos	Mounted as per Barge Safety Plan
Life Buoys	8 nos	Mounted as per Barge Safety Plan
EPIRB	2 nos.	ACR Electronics, RLB 32
SART	2 nos.	ACR Electronics, Pathfinder 3
Line Throwing App.	2 Sets Comprising of 4 Cartridges Each	1 no. Comet and 1 no. Pains Wessex