

BARGE: SEA-COMMANDER



SEA-COMMANDER BARGE

MAIN PARTICULARS: U.S. METRIC

FLAG	Vanuatu	
LENGTH OVERALL	330 ft	100.58 m
BREADTH MOULDED	104 ft	31.70 m
DEPTH MOULDED	24 ft	7.31 m
DRAFT (MAX)	15 ft	4.5 m
BUILT	2006, Jaya Asiatic Yard, Batam	
GRT/NRT	9412/2823	
CLASS	ABS (No. 06161885)	
NOTATION	ABS+ A1 Work Barge	
CALL SIGN	YJG8	

*Barge has a double skin at Machinery spaces, winch compartments, Warehouse, Fuel Oil & Mud Tanks (Air draft 37 m/121')

CARGO CAPACITIES

DEADWEIGHT	8,608	
DECK STRENGTH	134.5 ft ²	12.5T/sq.m
CLEAR DECK AREA	13,993 ft ²	1300 sq.m
FUEL OIL	459,695 USG	1740 m ³
FRESH WATER	486,076 USG	1,840 m ³
BALLAST WATER	1,373,694 USG	5,200 m ³
DRILL WATER	280,022 USG	1,060 m ³
FREEZER/CHILLER	1,765 ft ² /1,942 ft ²	50 m ³ / 55 m ³
BILGE HOLDING	988 m ³	28 m ³
SEWAGE TANK	1,836 ft ²	52 m ³
COOLING WATER	35,561 ft ²	1,007 m ³
DIRTY OIL	847 ft ²	24 m ³

PUMPS

FUEL OIL	1 X 31,172 USG/hr @ 196' head	Azcue	1 x 118 m ³ /hr @ 60 m/head; Azcue
FRESH WATER	1 X 31,700 USG/hr @ 196' head;	Azcue	1 x 120 m ³ /hr @ 60 m/head; Azcue
BALLAST WATER	2 X 500 m ³ /hr @ 60 m/head;	Azcue	
DRILL WATER	1 X 120 m ³ /hr @ 60 m/head;	Azcue	

MACHINERY

GENERATOR	5 x 620 kw @ 1800 rpm Caterpillar 3412 DITA c/w Leroy Somer LSAM49.1MG rated at 580 kw/440 V/3 Ph/60 Hz
EMERGENCY GENERATOR	1 x 99 kw @ 1800 rpm Caterpillar 3056 DITA c/w Leroy Somer LL3024F rated at 99 kw/440 V/3 Ph/60 Hz

DECK EQUIPMENT

8-POINT MOORING	8 x single drum electro-hydraulic; HMW-90T c/w tension sensors, wire length counter, 16 vertical sheaves & 8 universal fairleaders suit ^d for 4,593 ft / 1400 m (L) x 2" / 52 mm (Ø) SWR
Drum	93.7 t / 85 mt @ 39 ft min / 12 m / min @ 1st layer (1st speed)
Rated Pull	55.1 t / 50 mt @ 62 ft min / 19 m / min @ 1st layer (2nd speed) 30.8 t / 28 mt @ 105 ft min / 32 m / min @ 1st layer (3rd speed)
Brake Capacity	165 t / 150 mt static @ 1st layer
ANCHOR WIRE	8 x 4,593 ft / 1400 m (L) x 2" / 52 mm (Ø) SWR 4 x 7.7 ft / 7000 kg Flipper Delta Anchors 4 x 11 t / 10000 kg Flipper Delta Anchors
PENNANT BUOY	10 x 8 ft / 2.45m (L) x 6 ft / 1.83m (Ø)
CAPSTAN	4 x 10 mt @ 20 m/min electric; HVC-10T
TUGGER WINCH	1 x 15 mt @ 20 m/min electro-hydraulic; HUW-15T
HELIDECK	Suitable for M18
Outer Area	84 ft / 25.62m x 84 ft / 25.62m
DECK CRANE	1 x 330 t / 300 mt Huisman pedestal-mounted offshore crane c/w 150 ft / 46 m jib and flyjib
Main Hoist :-	
Static Load Cap	330t / 300 mt / 9 falls @ 32ft / 10 m radius 83 t / 76 mt / 9 falls @ 144 ft / 44 m radius
Dynamic Load Cap	264 t / 240 mt / 9 falls @ 39 ft / 12 m radius 52 t / 48 mt / 9 falls @ 144 ft / 44 m radius
Auxiliary Hoist:-	33 t / 30 mt single line at all radius

ACCOMMODATION

SINGLE BERTH	8 x 1 berth
DOUBLE BERTH	14 x 2 berth
FOUR (4) MEN BERTH	66 x 4 berth
TOTAL	300 berths

All cabins fully air-conditioned, comply to ILO 92, IMO Resolution A468 (XII)

RADIO & NAVIGATION EQUIPMENT ***

GMDSS	Sea Area A1+A2
SSB	1 x Furuno FS-1570 (MMSI. 353-983-000)
INMARSAT "F"	1 x Furuno Felcom 70
INMARSAT "MINI-M"	1 x Sailor
VHF RADIO	2 x Furuno FM 3000 with built-in DSC 1 x Furuno FM 8800S with built-in DSC
NAVTEX RECEIVER	1 x Furuno NX 700
SART	2 x Mc Murdo S4
EPIRB	1 x Mc Murdo E3A
GMDSS .VHF RDO	3 x Mc Murdo R2
PORTABLE MARINE VHF RDO(IS)	3 x Motorola GP-328V
VHF AIR BAND T'RECEIVER	1 x ICOM IC-A200B
RADAR	1 x Furuno 1932 MK2
ECHO SOUNDER	1 x Furuno FE700
GPS	1 x Furuno GP90
SATELLITE COMPASS	1 x SC-50
VHF HANDHELD (IS)	8 x Icom./ IC-M88
WEATHER FAX	1 x Furuno FAX 207
VHF AIR BAND/VHF	1 x Icom /IC-A6 (for use HLO)

Barge also fitted with Vingtor PA Talkbalk System and Sound Powered Telephones

FIRE FIGHTING & SURVIVAL EQUIPMENT

FIRE PUMP	1 x 39,625 USG/hr @ 360 ft head @ 110 m head; Azcue AN-EP 80
FIRE MONITORS	2 x 19,416 USG/hr @ 7 bar; Skum FJM-8-0
EMERGENCY FIRE PUMP	1 x 13,208 USG/ hr @262 ft head
LIFE RAFTS	24 x 25 persons SOLAS approved
RESCUE BOAT	1 X 6 persons SOLAS approved Narwal SV480 c/w launching davit

Fire Detection System in all enclosed spaces.

Fixed CO2 system for generator room, paint store and galley duct.

Fixed automatic water sprinkler system for whole accommodation spaces inclding store & workshop.

OTHER FACILITIES

HOSPITAL	1 x double berth hospital with attached paramedic room
GALLEY	1 w/ cooking utensils, refrigerators etc.
OFFICES	Total 6; 3 on main deck, 1 on Deck 1, 2 on Deck 3
CONFERENCE ROOMS	1 with seating capacity for 30 persons 1 with seating capacity for 10 persons
MESSROOMS	1 x officers mess with seating capacity for 20 persons 1 x main mess with seating capacity for 150 persons
RECREATION ROOMS	1 main room with seating capacity for 80 persons & 1 for officers with seating capacity for 15 persons
TV/VIDEO ROOM	1 with seating capacity for 30 persons
OTHERS	2 x Prayer Rooms, 1 x Meeting Room, 1 x Fwd Control Room, 1 x Change Room, 1 x Laundry/Drying Room, 1 x Dry Provision Room, 1 x Arrival/Departure Room for upto 15 persons, 1 x Winch Control Room, 1 x Barge Radio Room 1 x Gym Room
WORKSHOP	1 complete w/ lathe, drilling machine, grinding machine, electric saw, oxy/acetylene welding machine

MISCELLANEOUS

OIL WATER SEPARATOR	1 x 264 USG / 1 m3/hr c/w 15 ppm alarm; Oilchief
SEWAGE TREATMENT PLANT	2 x 150 persons/day; Biomaster
WATER MAKER	2 x 13,208 USG / 50 m3/day reverse osmosis

***Particulars are believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notification.

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