



Rodson Universal

www.rodson.com

info@rodson.com

Ref dn1095

Accommodation barge

Year:	1997
Converted:	2009
Length overall (LOA):	90.59 m
Length between pp (LPP):	83.47 m
Breadth moulded:	20.0 m
Depth:	5.0 m
Draft (design):	3.70 m
(minimum):	abt 1.95m

TONNAGE

Gross tonnage:	4039
Nett tonnage:	1211
DWT 3.70m draft:	abt. 2,699 t

DECK LOADING

Deck area:	abt. 650 m2
Deck cargo capacity:	1,800 t
Cargo deck design load:	5.5 t / m2
Reefer points:	10 (220V/440v, 32A)

SPEED / CONSUMPTION

Max. speed fully loaded:	8 kts @ c. 8T/day
Max. speed min. draft:	9 kts @ c. 8T/day
Idle/working:	abt. 3/5t per day
Quality of fuel used:	MGO

CAPACITIES

Fuel Oil:	715m3
Potable Water:	695m3
SW Ballast:	1800m3

DISCHARGE RATES

Fresh water/pump:	1x120 m3/hr@80m head press
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MAIN ENGINES

2 x 1,200BHP YANMAR @800rpm

MACHINERY

2 x 200kw diesel alternators Cat 3406B 380V 3PH 50HZ
3 x 500 kw diesel alternators Cat3412C 380V 3pH 50Hz
1 x 150 kw emergency diesel alternator Cat 3306 380V 3pH 50Hz
Air compressor – 2 units x 240cfm 10bar rotary type

TUNNEL THRUSTERS

1 x 350kW FPP Bow tunnel thruster

PROPELLERS / STEERING

2 x 2.1M FPP 4-bladed propellers

DECK EQUIPMENT

1 LIEBHERR Electro- hydraulic 36 t, 2.1 to 26 m radius/20deg angle, max hoisting height at 40m - located at starboard side midships.

Permissible heeling:	5deg, Permissible trim-2deg
Working speed:	0-22m/min at 36T, 0-33m/min at empty hook



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Mooring Winch:	3 x Amhoist AM77EF Double drum waterfall design, 6 x 1290m 38mm SWR
Anchors:	6 x Flipper Delta 6T High Holding Power
Winch Control:	From Control room
Gangway:	1 x 20+5 M Offshore steel type
Helideck:	Suitable for Sikorsky S61

NAVIGATION AND COMMUNICATION EQUIPMENT

VHF fixed:	2 x Furuno
Inmarsat C:	1 x Furuno
E-mail Fleet 77:	1 x Furuno
Navtex:	1 x Furuno
VHF portable:	12 x Jotron
Autopilot:	1 x Anschutz
Radar ARPA:	1 x Furuno 48nm X-band with 15" display,
Radar:	1 x Furuno 48nm X-band with 15" display
GPS:	1 x Furuno, 1 x Koden;
Gyro:	2 x Anschutz
GMDSS:	1 x Furuno
Echo Sounder:	1 x Furuno
Speed Log:	1 x UNIT
SVDR/AIS:	1 x UNIT (Furuno) each
Auto telephone:	70 points
Shore telephone:	10 points with LAN connection

ACCOMMODATION

Marine Officers/Crew 16

Passengers:	175
Berth total:	191 (incl marine crew)
Passenger Cabins:	58 - 3x1-man, 8x2-man, 39x4-man

Air conditioned throughout, comply to ILO 92

ACCOMMODATION SPACES/EQUIPMENT

Galley/Mess room:	1 x 200-catering with cooking utensils/refrigeration, chiller 40m ³ , freezer; 60m ³
Mess Room:	1 x 70-pax same time seating
Recreation Room:	1 x fully outfitted with 42" LCD/DVD, 20-seating, refrigeration unit
Smoke Room:	1
Gymnasium:	1 x fully outfitted (track + weight machines)
Laundry:	1
Surau:	1
Watermaker:	2 x R/O units @40T/day
Sewage Treatment:	200-pax capacity complying to MARPOL IV
Workshop:	1 x c/w welding, oxy-acetylene sets, work bench with lathe machines
Hospital:	1 x 2-bedded, c/w treatment room, toilet + Shower, refrigerator + O2 resuscitator
NDT room:	1



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Conference Room:	1 x c/w meeting facilities
Control Room:	1 x fully outfitted with communication Equipment
Radio Room:	1
Mechanical Shower:	1 x outside accommodation
Accommodation barge is NOT equipped with DP system	

