

Damen Ferry® 4010

"BARRA"



General

Yard no. : 6787
Type of ship : Self-propelled double ended river Ferry
Delivery date : April 1998
Basic functions : Across river transport of passengers, cars, trucks, cattle and general cargo
Classification : Germanischer Lloyd * 100A51 * MCI "Ferry Boat"

Dimensions

Length o.a. : 40.00 m
Beam o.a. : 10.35 m
Depth at sides : 2.75 m
Draught max. : 1.70 m
Deadweight max. : 210 ton

Cargo capacity

Cargo capacity : 130 ton vehicles and 600 passengers
Max. axle load/single tyre : 15 tons

Tank capacities

Fuel oil : 30.4 m³
Fresh water : 0.88 m³

Performances (trials)

Speed (4 engines) : 9.0 knots
Speed (2 engines) : 7.7 knots

Propulsion System

Main engines : 4 x Caterpillar 3406B DI-T/B
Total power : 772 bkW (1034 bhp) at 1800 rpm
Reduction gearbox : Twin Disc mg 5091 1.17:1
Propulsion : 4 x Schottel Pumpjet SPJ 57

Auxiliary equipment

Bilge pump : diesel driven 25 m³/hr at 15 m.w.c.
Battery set : 2x 24V - 400 Ah each
Emergency gen.set : 1x Hatz - E673 LS

Deck equipment

Anchor : 1x 360 kg HHP with 60 m chain 17.5 mm
Anchor winch : 1x Rek & Horsman, hand-operated

Life saving equipment

Life buoys/jackets : 8x buoy / 240 x jacket
Buoyancy app. : 20x for 20 persons
First aid kit : 1x extended (type A)
Fire extinguisher : 1x 2 kg CO₂ / 12x 6 kg dry powder

Lay-out

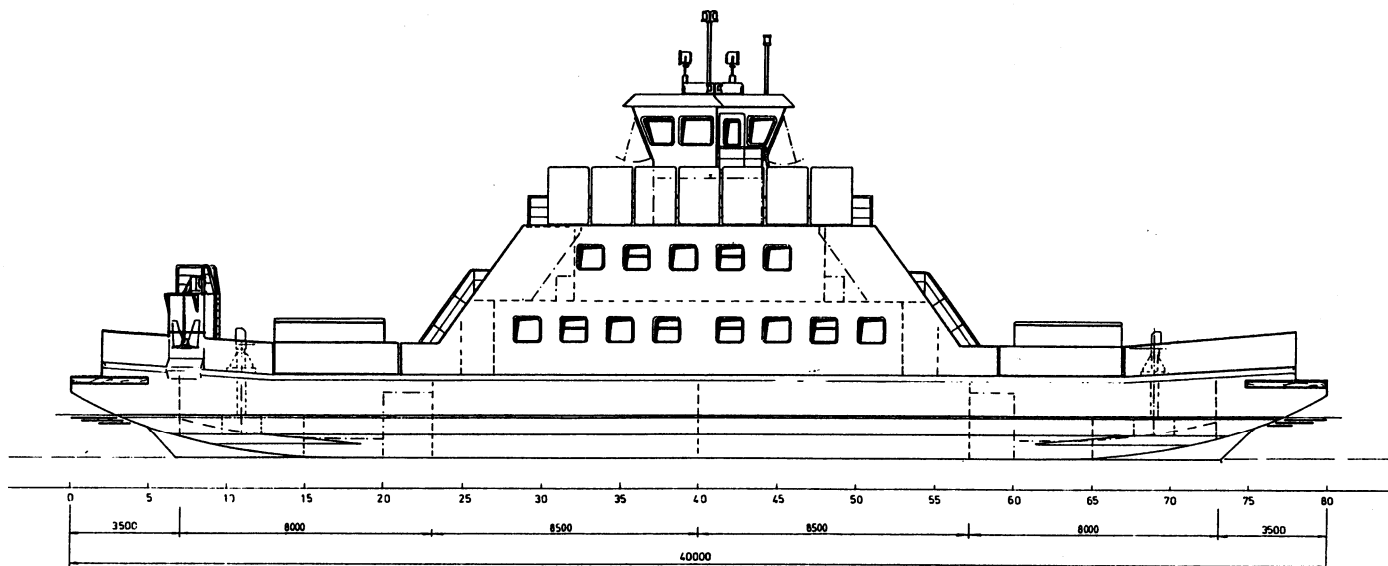
Deckhouse with seating area for 132 persons and 2 toilets

Nautical equipment

Searchlight : 2x Pesch 24 V 250 Watt
SSB radio teleph. : 1x Furuno FS-1550 150 Watt
Compass : Kelvin Hughes MK 12
Echo sounder : 2x Delta 120
VHF : 1x Sailor RT 2048

Owner

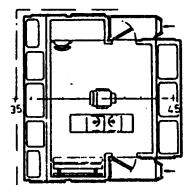
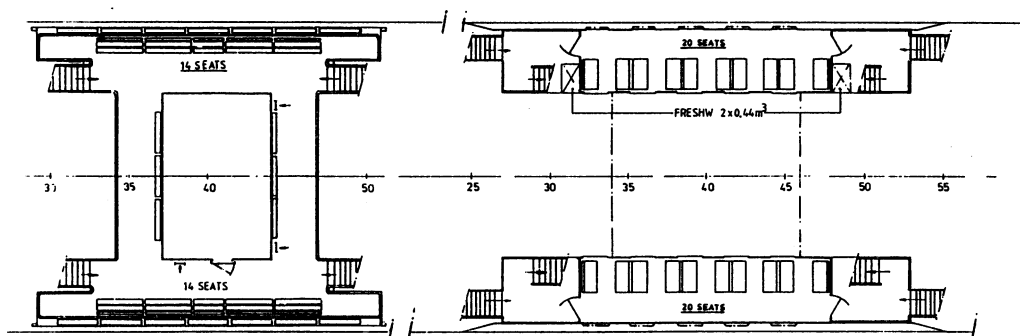
GAMBIA PUBLIC TRANSPORT CORPORATION GPTC



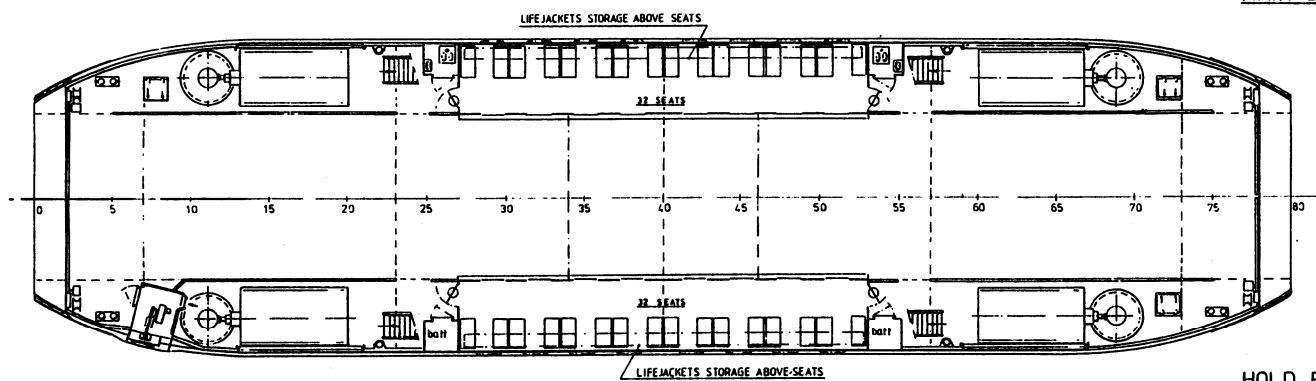
UPPER DECK

PASSENGER DECKS

WHEELHOUSE



MAIN DECK



HOLD PLAN

