

## 15.6M 40/60 PAX EXECUTIVE FERRY MAIN SPECIFICATION



### General Description

The vessel is a medium speed ferry of modern catamaran design. Its hull shape is optimized for slow and medium speed operation, and to produce a low wake and have a shallow draft, well suited for coastal and inshore ferry operations. The vessel has proven excellent seakeeping qualities including passenger comfort and good stability. The hullform is proven with 12 vessels in service.

The ferry has a seating capacity for up to 60 passengers. The vessel and its superstructure is constructed from advanced glass reinforced sandwich composites. Propulsion shall be by two (2) outboard engines, which are easy to maintain and clear of fouling from operation in dirty waters.

The key features of the vessel design are:

- Shallow draught, low wake wash, optimized hull form for medium speed ferry operations
- A comfortable enclosed saloon for up to 60 passengers
- Advanced composite construction for ease of manufacture and solid structural integrity

### Dimensions

Length Overall	15.6 M
Beam	5.85 M
Depth Moulded	1.42 M
Draft (design)	0.90 M
Displacement (full load). Approx.	20 tonnes

### Fabrication

Hull	Composite GRP
Deck and Superstructure	Composite GR
Plexiglass 8mm windows	Non-opening

#### CAPE TOWN

Ground Floor  
Nautica Building  
The Water Club  
13 Beach Road  
Granger Bay  
Cape Town, 8001

#### DURBAN

The Yaght Mole  
Durban Harbour  
Margaret Mncadi Avenue  
Durban, 4001

#### POSTAL

P.O. Box 51695  
Waterfront  
Cape Town, 8002  
South Africa

#### CONTACTS

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#### DIRECTORS

Derrick Brian Levy  
Suzanne Levy

[www.boatingworld.co.za](http://www.boatingworld.co.za)

## Machinery

Main Engine	2 x 250 Hp Yamaha outboards
Monitoring and Control	OEM tachometer, engine alarms, running hours
Bilge pumps	12V submersible bilge pumps in each watertight compartment
Air-conditioning	NA

## Capacities

Fuel Oil (Petrol)	2 x 250 liters in reinforced non-integral aluminum tanks
Fresh water	60 L
Passengers	40/60
Crew	2
Gross tonnage	~47 GT

## Registration

Year Build	2019
Safety Authority	Flag state of client's choice
Class	No Classification. Hull structure designed according ISO structural regulations

## Communications

VHF Radio	1 x VHF Marine Transciever at helm station
Signal horn	1 x on mast.

## Navigation

GPS	1 x Garmin
Chart Plotter	1 x Garmin
Echo Sounder	1 x Garmin
Compass	1 x Magnetic compass

## Electrical

Engine start	2 x AGM type batteries
House / service battery	1 x AGM type in wheelhouse
Switchboard	1 x 12V switchboard in wheelhouse
Lighting	12V interior lighting
Power supplies	12V DC wall socket in wheelhouse
Alarms	Bilge level alarms for each watertight compartment

## Deck Equipment

Anchor	1 x 16kg Anchor
Anchor rope	Rope/chain, Rope 22mm 60m, Chain 12mm 10m
Bollards Double Bit type -	4 nos
Fenders:	Removable fenders

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## Performance

Maximum Speed	22 knots in calm water
Economical Cruising speed	17 - 19 knots

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## Systems

Bilge pumps	12V submersible bilge pumps in each watertight compartment
Fuel	Quick closing shut off valves located on aft deck
Filtration	Fuel/Water Separator, 30 micron
Sanitary system	Window wipers, 12V
	1 x marine toilet with electric sea water flush
Ventilation	Forced ventilation of saloon by forward facing louvres on superstructure front
	Mechanical ventilation of fuel tank compartment, 12V

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## Accommodation

Passengers seating	40/60 x commuter style plastic seats
Storeroom	luggage stowage room forward of wheelhouse
Coatings	Antifouling below the waterline White Gelcoat on Ship sides Non slip coating on deck surfaces

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## Safety

Life Rafts	1 x 63 men capacity
Life Buoys	4 x Life buoys with Signal lights and 30m rope - SOLAS approved
First Aid Kit	1 no
Boat Hook	1 no

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