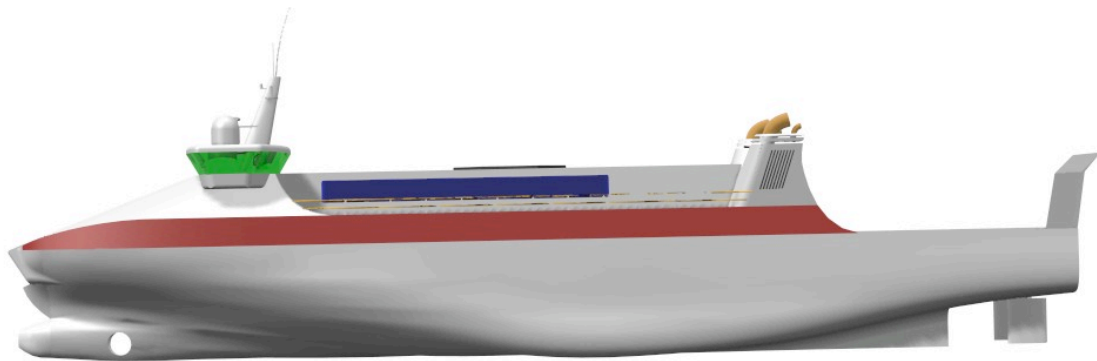


## ***M/s Victoria***



***-15 truck 15 car 150 passenger RoPax ferry-***



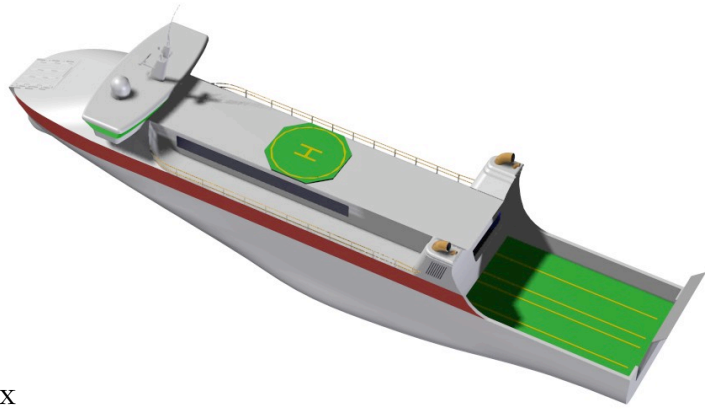
Design: David Eckerdal

### ***Preliminary concept description***

Four relatively small ferries, like m/s Victoria, able to transport cars, truck and people should cover a significant part of the transportation needs around Lake Victoria. The intention is to operate two ferries in each direction around the lake. This makes it possible to maintain a high traffic rate. Port Bell, Jinja, Kisumu, Musoma, Mwanza and Bukoba could be operated by one ferry per day and direction.

### **Main particulars**

Length over all	75 m
Breadth	14 m
Height (keel-mast top)	20 m
Draft, max	3.1 m
Lightweight	850 ton
Displacement	1750 ton



### **Cargo capacity**

Lane length	250 m (4 x 62.5)
Lane width	3.0 m
Cargo weight max	340 ton
Passenger capacity	150 persons
Passenger area	300 sq m

- Stem and stern ramps for easy roll on/roll of
- Only one car deck for highest safety and flexibility
- The free height is 4.40 metres in all four lanes



### **Tanks**

Fuel	26 ton
Freshwater	9 ton
Ballast/trim	475 ton

- All tanks in double bottom

### **Propulsion**

Speed	16 knots
Machinery	2 x 1300 kW
Endurance	750 NM at 16 knots
Propulsion	Twin fixed pitch 4 blade propellers

- Double sets of engines, propellers and rudders for improved manoeuvrability and safety
- The ferry could be equipped with a bow thruster to increase the manoeuvrability further