



Ferry for Lake Kivu

General:	This project involved conceptual feasibility study for water transport on Lake Kivu, Rwanda. As no infrastructure was present, all developments were to be foreseen. The project was to cover both passenger and cargo transport on a daily basis between the main cities surrounding the lake.	
Main Particulars:	Length overall	29.00 m
	Length between p.p.	28.90 m
	Breadth moulded	8.20 m
	Depth to main deck moulded	3.60 m
	Design draught	1.25 m
	Displacement	abt.100 t
	Number of crew to be	3-4
Capacity:	Range at 20 knots (with 5 % spare)	abt. 750 nm
	Range at 16 knots (with 5 % spare)	abt. 850 nm
Speed:	Max speed on design draught	abt. 20 kn.
Propulsion:	Main engines	2x Cummins QSK 19-MCR 597 kW
Scope of Work:	Feasibility study for water transport on Lake Kivu Concept Design of vessel, including: Weight estimate Power calculations HVAC calculations Modular composite construction in Europe, assembled/commissioned on site Concept Design of port facilities Economic feasibility and route analysis	
Ref. No.:	KEH 09028	