



Multipurpose Selfpropelled River/Sea Going Vessel

General:	The vessel is a double-screw motor vessel for operation on river Danube, Russian rivers, Sea of Azov, Black Sea, Mediterranean Sea, and is provided with a high speed diesel propulsion plant driving two azimuth units each with twin propellers via cardan shafts. The vessel is designed for carriage of bulk cargoes, containers and partly trailers. The cargo section is divided into four holds by three transverse watertight bulkheads. On the weather deck the hatch openings are fitted with hatch covers of pontoon type. Holds nos. 1-2 are covered by four pontoon covers each, and holds nos. 3-4 are covered by eight pontoon covers each. The hatch covers are arranged for non-sequential opening. One deck crane is arranged for operation of hatch covers.	
Main Particulars:	Length o.a.	152.00 m
	Length p.p.	145.00 m
	Breadth moulded	22.00 m
	Depth to deck 3, moulded	7.15 m
	Design draught	2.70 m
	Scantling draft	3.50 m
	Deadweight (design max.)	5,030 t
Capacity:	Cargo	270,000 ft ³
	Containers	216 TEU
	Lanemeters on deck 3	225 m
Speed:	Service speed	10 kn
Machinery and Equipment:	Main engines	2 x 1,490 kW
	Propulsion power 90% MCR	2,700 kW
Miscellaneous:	Classification	Germanischer Lloyd
Scope of Work:	Concept Design, including: General Arrangement & Profile Drawing Engine Room Arrangement Outline Specification	
Ref. No.:	KEH 03020.01	