



2780 TEU Container Vessel (Open Top)

General:	Developed as a Concept Design for Norasia Line, Switzerland, in total six vessels were built at HDW in Kiel, Germany. They were designed to offer minimal resistance to wind and waves, and were built without hatch covers to save weight and expense. Instead, the containers on deck were protected by an enclosed forward mooring deck and by corrugated steel panels which unfolded on top of the container stacks. The class – consisting of the Norasia Fribourg, Norasia Kiel, Norasia Singa, Norasia Shanghai and Norasia Hong Kong – was delivered between 1992 and 1994.	
Main Particulars:	Length o.a.	(approx.) 242.00 m
	Breadth moulded	32.24 m
	Draught	11.00 m
	Scantling draught	12.00 m
	DWT at design draught	(approx.) 35,350 t
	DWT at scantling draught	(approx.) 41,570 t
Capacity:	Total capacity	2,780 TEU
Speed:	Service speed (90 % MCR and 15 % sea margin)	(approx.) 22.50 kn
Machinery and Equipment:	Diesel	
	Main engine	Mitsubishi 7UEC85LSC
	Installed power	27,290 kW
	Aux. engines	3 x approx. 1500 kW at 1800 rpm
Miscellaneous:	Classification	Lloyd's Register
	IMO number Norasia Fribourg	9057472
Scope of Work:	Conceptual Design, including: General Arrangement Outline specification Speed and power prediction incl. optimum dimension Stability calculations	
Ref. No.:	KEH 92028	