



## Elyros

<b>General:</b>	<p>KNUD E. HANSEN undertook the complete conversion design for Anek Lines, Greece. The conversion of the 192-metre vessel took place in Greece in 2007, and it was originally built in 1998 by Mitsubishi Heavy Industries, Japan. The vessel currently operates on routes between Italy and Greece, and it accommodates up to 1874 passengers and 620 vehicles. In 2008 the vessel won the best reconstruction award in the ShipPax Awards.</p>		
<b>Main Particulars:</b>	Length o.a.		192.00 m
	Length p.p.		175.00 m
	Breadth moulded		27.00 m
	Depth to main deck		9.90 m
	Draught (approx.)		6.70 m
	Deadweight		5340 t
<b>Capacity:</b>	No. of passengers		1800 pax
	Car capacity		575 pcs
	Lane capacity		2075 m
<b>Speed:</b>	Service speed		23.00 kn
<b>Machinery and Equipment:</b>	Diesel		
	Main engines	2 x NKK Pielstick 12PC4-24	
	Installed power		21,185 kW
	Aux. engines	3 x Daihatsu 6DL-26	
	Installed aux. power		3,060 kW
	Propellers	2 x CPP	
<b>Miscellaneous:</b>	Classification		Rina Register
	Number of vessels built/converted		3/3
	IMO number Elyros		9178599
<b>Scope of Work:</b>	<p>Concept Design of conversion, including:            General Arrangement            Layout of passenger cabins            Specification            Weight calculations            Intact stability calculations            Damage stability calculations            Electrical load calculations</p>		
<b>Ref. No.:</b>	KEH 07053		