



Photo: Arno Brüggmann

## M/S Stena Forerunner

<b>General:</b>	One of three vessels designed for Stena RoRo AB of Sweden, she was built at Dalian Shipyard, China. The design is highly advanced with a very large capacity, high speed potential and equipped for fast turn-around in harbour. The first vessel was delivered in May 2002.		
<b>Main Particulars:</b>	Length o.a.		195.30 m
	Length p.p.		179.20 m
	Breadth moulded		25.60 m
	Depth to main deck		8.60 m
	Draught (approx.)		6.60 m
	Deadweight		12800 t
<b>Capacity:</b>	Trailer lane (approx.)		3000 m
	Accommodation		12 drivers
<b>Speed:</b>	Service speed (85 % MCR and 15 % sea margin)		22.30 kn
<b>Propulsion:</b>	Diesel		
	Main engines	4 x Wärtsila NSD 8ZAL40S	
	Installed power		24000 kW
	Aux. engines	2 x Wärtsila NSD 9L20C	
<b>Miscellaneous:</b>	Classification		Norske Veritas
	Number of vessels built and converted		3
	IMO number Stena Forerunner		9227259
	IMO number Stena Forecaster		9214678
	IMO number Stena Foreteller		9214666
<b>Scope of Work:</b>	Careful evaluation and corrections to the Contractual Design Complete Basic Design, including: General naval architecture Structural design incl. structural 3D FEM analysis Outfitting design Accommodation design Machinery design Engine room piping Hull piping Electrical design Model tests Noise and vibration analysis		
<b>Ref. No.:</b>	KEH 99043		