

## Saga Sapphire

General:	The vessel was built in 1980 by Bremen Vulkan AG Schiffbau and has gone through two major modifications; in 1999 and 2005. The refit, with which we were involved, took place in FINCANTIERI shipyards in Palermo, Italy, between November 2011 and March 2012. As part of this latest refit, significant parts of the upper decks were either altered or retrofitted. This included the installation of new cabins with balconies, changed restaurant layouts and installation of elevators to allow disabled people access to all areas of the vessel.	
Main Particulars:	Length o.a. Length p.p. Breadth moulded Depth to main deck Design draught Deadweight GT/NT	199.92 m 170.50 m 28.50 m 19.02 m 8.00 m 5,583 t 37,049/13,555
Capacity:	No. of passengers No. of crew	730 pax 470 pers
Speed:	Service speed	21.00 kn
Machinery and Equipment:	Main engines Installed power Aux. power Bow thrusters	2x Wartsila K7SZ70/125B 14459 HP/10635 kW 3 x 2,330 kW, 1 x 2,210 kw 1
Miscellaneous:	Classification Flag Port of Registry IMO number	Germanischer Lloyd Malta Valletta 7822457
Scope of Work:	Basic Design for all the hull/machinery/electrical packages relative to modified areas for Class and Flag approval, including HVAC and replacement of a diesel generator. New stability documentation Onsite supervision Update of all Class and Flag documentation	
Ref. No.:	KEH 11001.01 / 11001.02 / 11070.01	HVAC

