

Viking Serenade (conversion)

Ship type	Cruise
Shipowner	Royal Caribbean International (RCI)
Shipyard	South West Marine Shipyard



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Main Dimensions

Dwt	4,294 t
GT	40,171
Capacity	40,200 gt
LOA	185.26 m
Beam	27 m
Draught	6.851 m

Project type	Ship status	Design scope	Delivery year
Conversion	Delivered	Concept, Basic, Detail	1991

Scope of Work for the Shipowner

- Complete conversion project design for the owner, including general arrangement, lightweight calculations, stability calculations, hull form, speed and power estimation, and feasibility studies
- Yard evaluation for the owner

Scope of Work for the Shipyard

- Engineering package, including naval architectural calculations, classification drawings, and other basic design aspects, as well as detail engineering of hull, outfitting, machinery, HVAC, and electrical systems
- Management and supervision package, including production assistance and supervision at the yard, responsibility for late design modifications, and coordination with classification society and USCG meetings and approvals
- Troubleshooting site team responsibilities, including weight supervision and special weight surveys, coordination and supervision of the ventilation supplier, oversight of the production organization, control of progress of the supplier's design, and supervision of the inclining experiment

Project Features

- Conversion from a RoPax ferry to a cruise vessel
 - Possibility for the owner to select a new yard from the market
 - The first major passenger cruise vessel project in the US in twenty years
 - The project leveraged the yard's existing expertise and infrastructure to successfully execute a new type of conversion
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Additional Information

IMO number	8002597
Special features	Conversion of 'Stardancer' into 'Viking Serenade'