

Horizon (retrofit)

Ship type	Cruise
Shipowner	Celebrity Cruises
Shipyard	Grand Bahama Shipyard Ltd.



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Main Dimensions

Dwt	5,632 t
GT	47,427
Capacity	47,400 gt
LOA	208 m
Beam	29 m
Draught	7.7 m

Project type	Ship status	Design scope	Delivery year
Retrofit	Delivered	Concept, Basic, Detail	2005

Scope of Work for the Shipowner

- Ducktail-sponson design and model test coordination
- SLF 47 index calculations
- Initial structural design of ducktail-sponson
- Review of ducktail construction optimisation shop drawings
- Ducktail area hull measurements
- Naval Architect review including weight calculations, stability and model test coordination

Project Features

- Hydrodynamically efficient ducktail-sponson design with trim wedge
- Increased buoyancy and stability

Additional Information

IMO number	8807088
Special features	Cruise ship 'Horizon' revitalization