

Xiang Rui Kou

Ship type	Heavy-lift vessel
Shipowner	COSCO
Shipyard	Guangzhou Shipyard International Co. Ltd. (GSI)



Main Dimensions

Dwt	48,293 t
GT	35,568
Capacity	48,293 dwt
LOA	216.7 m
Beam	43 m
Draught	9.68 m

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Project type	Ship status	Design scope	Delivery year
Newbuild	Delivered	Concept, Basic	2011

Scope of Work for the Shipowner

- Project development and contract design

Scope of Work for the Shipyard

Basic (classification) design, including

- Ship theory and model test calculations
- Hull structures and outfitting
- Machinery and machinery piping
- Hull piping and electrical

Project Features

- Design of a multipurpose semi-submersible heavy lift vessel for offshore use
- Compliance with SOLAS 2009 rules, including new probabilistic damage stability requirements
- Dual classification by DNV and CCS
- Low cargo deck depths providing flexibility for offloading (both aft and side)
- Redundant machinery and underwater survey with DNV RPS-class and BIS
- Compressed air-driven ballast system with full flexibility to use any ballast tanks separately

Additional Information

IMO number 9483102
Sister vessels Xiang An Kou, Xiang He Kou, Xiang Yun Kou