

Manulani

Ship type	Container
Shipowner	Matson Inc.
Shipyard	Kvaerner Philadelphia Shipyard Inc.



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Main Dimensions

Dwt	38,261 t
GT	32,575
Capacity	38,261 DWT
LOA	217.00 m
Beam	32.20 m
Draught	12.50 m

Project type	Ship status	Design scope	Delivery year
Newbuild	Delivered	Detail	2005

Scope of Work for the Shipyard

Detail design and site supervision services, including

- Piping: Creating detailed 3D piping models for several Grand Blocks using a combination of design data, reference materials from earlier vessels, technical drawings, and advanced modeling software (FORAN and Tribon)
- Hull: Completing detailed hull design and documentation updates for various structural blocks, ensuring consistency with established design practices and fabrication requirements
- Outfitting: Delivering complete outfitting design for multiple Grand Blocks, including developing new models from scratch and updating existing ones to incorporate technical specifications, reference materials and design change notices (DCNs)
- Site Support: Acting as the main point of contact between design and production, ensuring effective communication and smooth execution on-site

Project Features

- All design work was carried out in accordance with Deltamarin's internal procedures, quality assurance system, and KPSI's standard shipbuilding practices and component library to ensure consistency and accuracy
- Design work was primarily carried out using FORAN and Tribon modelling software

Additional Information

IMO number	9273674
Classification society	American Bureau of Shipping (ABS)
Technologies	Scrubber Fitted
Sister vessels	Maunawili , Maunalei