

# Matson Kanaloa Class ConRo

GENERAL DYNAMICS  
NASSCO



Ship design by DSEC  
General Dynamics NASSCO



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## Program Overview

- Contract for two combination containership/roll-on, roll-off (ConRo) vessels for Matson Navigation Company, Inc.
- Vessel deliveries in fourth quarter of 2019 and second quarter of 2020.
- Vessels will be equipped with dual fuel main and auxiliary engines capable of operation on LNG when tanks and systems are added in a future conversion.

## Design Overview

- Length: 265.0 meters (869.5 ft.)
- Beam: 34.9 meters (114.5 ft.)
- Draft: 11.5 meters
- Speed: 23.0 knots
- Deadweight: 44,200 metric tons

## Cargo Capacity

- Containers: Approximately 3,500 TEUs
- Garage: Four decks for autos, two decks for trailers and a stern quartering ramp. Decks can accommodate up to 800 autos.
- Large Reefer Capacity

## Propulsion

- Plant: Slow Speed, Direct Drive Diesel Engine with Fixed Pitch Propeller
- Main Engine: MAN 6G90ME-C10.5-GI (LNG-capable)
- Aux Engines: Medium Speed, Dual Fuel Diesel Generators (x4)

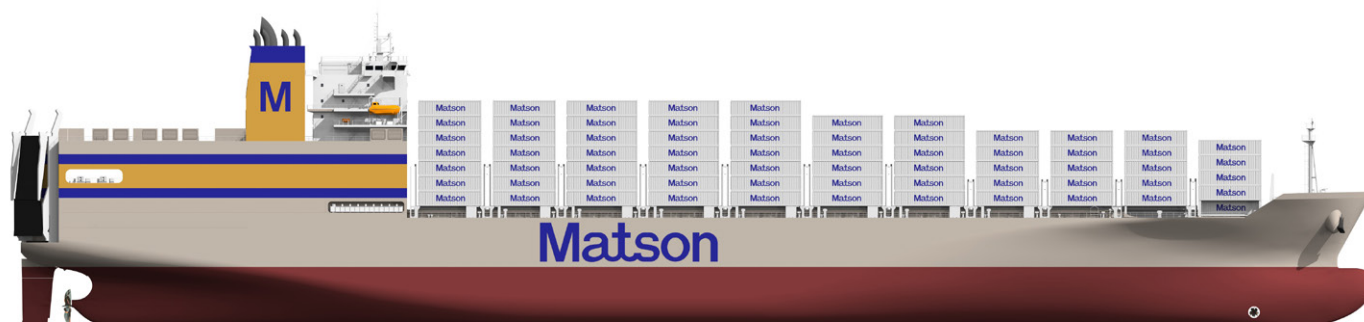
## Other Design Features

- LNG Ready and Energy Efficient Design
- Compliance with Tier III Emissions Regulations (main and auxiliary engines)
- Fuel-efficient Hull Form
- Ballast Water Management System

## Design Agent/Material Supplier

### Daewoo Ship Engineering Company (DSEC)

- Subsidiary of Daewoo Shipbuilding & Marine Engineering (DSME)
- NASSCO has utilized DSEC on multiple tanker and containership designs for five separate owners.
- Successful ten year partnership



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