

## SHIP DETAILS AND PARTICULARS

LENGTH	182 metres
BEAM	26.60 metres
DRAUGHT	6.35 metres
DEADWEIGHT	8,500 tonnes
CARGO DEADWEIGHT CAPACITY	6,750 tonnes
MAIN ENGINE	2 x MaK M46DF [7200kW each]
FUEL	LNG Primary, MDO Secondary and 1% for pilot ignition
SERVICE SPEED	20.5 Knots
CLASSIFICATION	DNV GL
FLAG	Australian
CARGO TYPE	Containers, trailers, cars and other mobile or wheeled freight
ACCESS	Two stern ramps [one to the main vehicle deck and car deck and one to the upper vehicle deck]
AUXILIARY ENGINES	2 x 3000kW dual fuel medium speed MaK M34DF 2 x generators at 3600 KVA each 1 x emergency generator at 1120KVA [diesel driven]
STEERING EQUIPMENT	2 x twist flow type rudders fitted with Costa bulbs 2 x bow thrusters at 1000kW each with controllable pitch propellers



### The ship has 3 cargo decks consisting of:

- Main Vehicle Deck for up to 295 TEUs as containers on cassettes, trailers and wheeled cargo.
- Upper Vehicle Deck for 160 TEUs as trailers or containers on trailers and featuring a combination of undercover areas, designated areas for dangerous goods and livestock with effluent containment.
- Car Deck for up to 110 cars and light vehicles.

The ship is fitted with 150 power outlets for refrigerated cargo units.

Trailers are secured using the SAT trestle system.



### EMBRACING CLEAN TECHNOLOGY - Green fuelled with Australian LNG

LNG offers huge advantages, especially for ships, in the light of ever-tightening emission regulations. While different technologies can be used to comply with air emission limits, LNG technology is the only option that can meet existing and upcoming requirements for the main types of emissions (SOx, NOx, PM, CO2).

All of the ship's engines [except Emergency Generator] are dual fuel engines burning LNG as the primary fuel. The key advantages of LNG are:

- significantly reduced emissions
- risk of oil pollution is minimised
- maintenance intervals increase by 100%
- sustainable future environmental benefits



"First steel cutting plates"



"Main LNG/Dual fuel engine"



"Generator engine"

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