



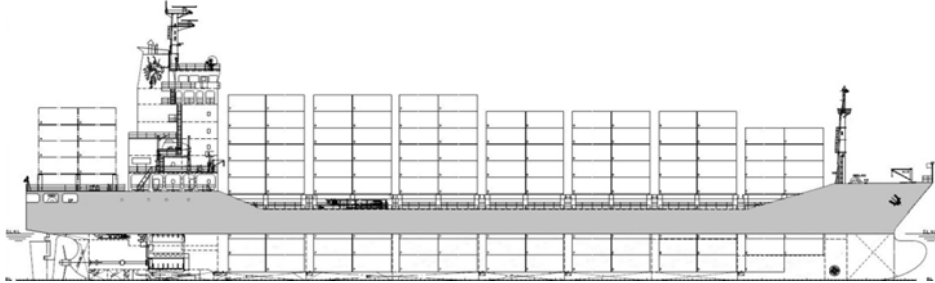
MV "Lantau Bridge"

Gearless cellular container vessel

Class: NK NS* (CNC, EQ C DG)(IWS) MNS* SOLAS-II-1

Built 2008 at Dae Sun Shipbuilding & Engineering Co. Ltd (No. SB477)

IMO No. 9402768



Main Dimensions

Length over all	142,70 m
Length between perpendiculars	133,50 m
Breadth moulded	22,60 m
Depth to main deck	11,20 m
Design draft	7,40 m
Deadweight	12.828 t
Gross Tonnage	9.610
Net Tonnage	4.745
(according to Class Certificate)	

Main Engine

MAN B&W 6S46MC-C (2 stroke), 7.860 kW at 129 rpm

Auxiliaries

3 MAN B&W 5L23/30H, 650 kW at 720 RPM
1 Emergency Diesel Cummins Marine 6BT 5.9-D (M), 150 HP

Speed

range about 13kn to 18kn

Tank Capacity

HFO 1.751 m³, MDO 59,4 m³, Ballast 4.282 m³ (all about)

Communication

Inmarsat Standard C – Telex, Data
Inmarsat Fleet 77 – Phone, Fax, Data
Iridium Open Port – Phone, Data
GMDSS fitted

Nautical Aids

Magnetic compass, Gyro, HCS, GPS, RDX, RDS, ARPA, AIS, VDR, LOG, ES, STGTEL, DSL, LRIT, BNWAS
(according to Class Certificate)

Other outfit

Bowthruster Kawasaki 740 kW electrically driven,
2 combined windlass / self-tensioning mooring winches
2 self-tensioning mooring winches
1 fixed pitch propeller

Container intake

Subject to vessel's stability / trim / permissible weight		
Deck	724 units 20'	or 368 unit's 40'
Holds	325 units 20'	or 155 unit's 40' + 15 units 20'
Total	1.049 units 20'	or 523 unit's 40' + 15 units 20'

Stability

Homogenously loaded with containers of 14 t each with center of gravity at 45% of container height / IMO stability criteria
671 TEU

Container fittings

In holds fixed cell guides for 40' containers which alternatively can be used for two 20' containers. All restraint devices and necessary loose securing / lashing material for stowage of 20' containers are on board.

On deck vessel is equipped with fixed restraint devices and necessary loose securing / lashing material for a full load up to and including 6th tier.

Permissible Stack weights

Hold Tank Top	120 t / 140 t	per 20' / 40' stack
Hatch Cover	70 t / 90 t	per 20' / 40' stack
Poop Deck	80 t / 100 t	per 20' / 40' stack
Distribution of containers weights within a single 20'/40' to comply with the Cargo Securing Manual approved by Class Society.		

Hatches

7 hatches / 5 holds covered by 13 steel pontoons consist of two independent panels PS & SB except hatch No. 1 (one panel).
All pontoons can be worked independently without sequence.

Reefersockets

180 reefer sockets on deck for 20' reefers
450 V, 32A, 60 Hz, 3 phases