



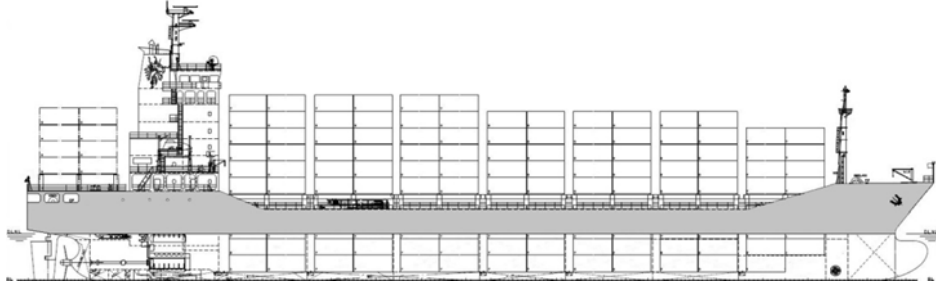
## MV "Lantau Beach"

Gearless cellular container vessel

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

Built 2007 at Dae Sun Shipbuilding & Engineering Co. Ltd (No. SB471)

IMO No. 9392901



### 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 m<sup>3</sup>, MDO 59,4 m<sup>3</sup>, Ballast 4.282 m<sup>3</sup> (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 6<sup>th</sup> 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' stack 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