

HOLDS & HATCHES

All 5 hatch covers and tween decks – as appropriate, are operated hydraulically.

No.1 & 2 holds have single hydraulic folding hatch covers and tween deck lids, and capable of non sequential opening. No.2 to 5 holds are fitted with P&S hydraulic folding hatch covers which are capable of non-sequential opening, (i.e. half hatch and hold can be worked while containers are stowed in the other half of the hold).

No.1 Hatch has no centre-line division, Nos 2 to 5 Hatch Covers are consist of Port & Stbd covers, and No.2, 3 & 4 holds are fitted with a full centre-line non-watertight bulkhead.

Clearance of Hatches (mtrs):

Hold	Center	Tanktop	Tween Deck
No. 1	P&S	5.45	5.94
No. 2	P&S	8.05	5.94
No. 3	P&S	13.015	--
No. 4	P&S	13.015	--
No. 5	P&S	13.050	--

Grain & Bale capacity:

No.	Grain (cubic m)	Bale (cubic m)				
			TD	LH	TD	LH
No.1	1,806.4	1,746.5				
	1,825.1	1,630.0				
No.2	2,712.6	2,623.0				
	4,196.0	3,758.2				
No.3	7,610.6	7,530.2				
	692.6	692.6				
No.4	3,790.0	3,746.4				
	344.4	344.4				
No.5	5,522.3	5,440.2				
	519.6	519.6				
Total	4,519.0	4,369.5				
	22,944.0	22,105				
Totals:	2,356.9	2,356.9				
	29,819.9 m ³	28,831.4 m ³				

Grain Stowage @ 1.5 cu.m/tonne: 19,879.9 tonnes

Hold & Tween Deck Measurements:

No.	Lower Hold		Tween Deck	
	Max length	Max width	Max length	Max width
No. 1 :	26.46 m	5.0 m at fwd end & 16.8 m at aft end	26.46 m	6.0 m
			21.7 m	
No. 2 :	26.46 m	6.0m at fwd end & 10.2 m at aft end (P&S)	26.46 m	11.0 m P&S
			11.0 m P&S	
No. 3 :	33.96 m	10.7m at fwd end & 10.7m at aft end (P&S)	---	---
			---	---
No. 4 :	13.26 m	11.1m at fwd end & 11.1m at aft end (P&S)	---	---
			---	---
No. 5 :	26.46m	8.6m at fwd end & 6.0 m at aft end (P&S)	---	---
			---	---

Clear Deck Spaces:

Hold	Tank Top		Tween Deck		Weather Deck	
	Area m ²	t/m ²	Area m ²	t/m ²	Area m ²	t/m ²
No. 1	288.4	18	365.6	5	220.7	2
No. 2	2 x 200	18	2 x 291	5	416	2
No. 3	2 x 375	18	-	-	554.2	2
No. 4	2 x 147	18	-	-	275.8	2
No. 5	2 x 152	18	-	-	416	2

All accesses AWWF approved.

SPEED AND CONSUMPTION

Main engine uses MFO 380cst at 50C to ISO 8217 RMG 35 basis operating draft of 10.588m, max. Beaufort 3, sea state 3.

Speed (knots)	18.5
Consumption MT/day	48.0
Diesel Generators	: MFO 380 cst at 50C to ISO 8217 Grade RMG
In port, idle	: 2.0 MT/day
At sea	: 2.3 MT/day
All cranes working	: 3.5 MT/day
50 reefers	: 1.5 MT/day (additional)
100 reefers	: 3.0 MT/day (additional)
150 reefers	: 4.5 MT/day (additional)
Boiler consumption (MFO 380 CST, same as main engine)	
In port	: 1.5 MT/day
At sea	: Nil

CARGO HANDLING EQUIPMENT

Cargo Gear: Five centreline mounted Electro-Hydraulic Deck Cranes;
 No 1 Crane; SWL 26t at 4.5 to 23m
 No 2 Crane; SWL 35t at 5.0 to 30m
 No 3 Crane; SWL 35t at 5.0 to 30m
 No 4 Crane; SWL 35t at 4.5 to 24m
 No 5 Crane; SWL 26t at 4.0 to 20m

Cargo Lashing Gear :

Below Decks : Twistlocks (Tiger fitting/K-679) for bottom tiers
 Twistlocks (semi-Auto/K-2101/1-03-70L) for 2nd 3rd 4th 5th Tiers
 On Deck : Twistlocks (p type/k-709-k) for bottom tier
 Twistlocks (semi-Auto/K-2101/1-03-70L) for 2nd 3rd 4th Tiers
 Lashing rods and turnbuckles.

MACHINERY

Main Engine: 1 x Kobe-Mitsubishi Diesel 8UEC60LS, reversible, 2-stroke diesel engine driving a fixed pitch 5-bladed propeller. Max. continuous rating 19,200 BHP at 100 RPM and normal output 16,320 BHP at 94.7 RPM.

Diesel Generators: 4 x Yanmar, type T240L-ET Generators, each 820KW, 440V, 60 Hz.

Bow Thruster: 1 x 1060 KW Nakashima driving 4 blade controllable pitch propeller

COMPLEMENT

Officers : 10
 Crew : 18
 Berths : 30
 Max LSA capacity : 30

TANK CAPACITIES

MFO : 2,165.20 m³. @ 96%
 MDO : 83.55 m³. @ 96%
 FW : 279.33 m³. @ 100%
 Ballast : 9,477.62 m³. @ 100%

GENERAL

All holds protected by CO₂ smothering & water drenching. Dehumidifiers for holds. Forced draft ventilation - minimum 6 air changes/hour. Bridge equipment to a high standard is fitted, including 2 x GPS Navigator and 2 radars. Communication equipment meets with the latest GMDSS requirements. Vessel is linked to Head Office by the 'Amosconnect' system of data communication, allowing efficient information exchange.



THE CHINA NAVIGATION CO. LTD.



M.V. TASMAN ENDEAVOUR

1257 TEU Geared Multi-Purpose Containership

BUILT

January 1994
 Minami Nippon, Usuki Japan
 Hull No. M-629
 Ex. "Caribbean Challenger"

CLASS

Lloyds +100A1 LMC UMS
 IMO No. 9070694

PORT OF REGISTRY

Hong Kong
 Off. No. HK-1350

DIMENSIONS

Length O.A. : 184.90m
 Length B.P. : 176.00m
 Breadth Mld. : 27.60m
 Depth Mld. : 14.70m
 Summer draft : 10.588m
 Summer Dwt. : 25,524mt
 GRT : 18451
 NRT : 8250
 GRT Suez : 19494.59
 Panama : 19274.41
 NRT Suez : 16747.90

CALL SIGN

VRAE2

COMMUNICATIONS

Fleet 77 : No. 764003760 (Tel)
 : No. 764003763 (Fax)
 Satcom C : No. 447744030 (Telex)
 Sat M : No. 764057534 (Tel)
 : No. 764057535 (Fax)
 Email : tasmanendeavour@cnco.amosconnect.com

CONTAINER CAPACITY

Max containers intake : 1241 TEU + 8 FEU = 1257 TEU
 Hold : 462 TEU + 8 FEU
 Deck : 779 TEU
 Total : 1241 TEU + 8 FEU = 1257 TEU

Max 40ft Capacity

Below deck : 198 FEU + 82 TEU
 Above deck : 291 FEU + 179 TEU
 Total : 489 FEU + 261 TEU (1239 TEU)

Max 20ft Capacity

Below deck : 462 TEU
 Above deck : 779 TEU
 Total : 1241 TEU

TEU capacity with homogenous load – IMO criteria and approved for dept. condition with 96% bunkers and arrival condition with 15% bunkers.

12T	14T	16T	18T	20T
1167 +	1076 +	1004	924	887
8 FEU	8 FEU	8 FEU	8 FEU	8 FEU
1183 TEU	1092 TEU	1020 TEU	940 TEU	903 TEU

FEU capacity with homogenous load - IMO criteria and approved for dept. condition with 96% bunkers and arrival condition with 15% bunkers.

20T	30T
470	404

Permissible uniform distributed load:

Weather deck hatch covers : 2.0 mt per m²
 Tweendeck : 5.0 mt per m²
 Tank top : 18.0 mt per m²

Permissible Container Stack weights:

TEU's	Position	Hatch Cover	Tween Decks	Hold Tank Top
No. 1 Hold	51.2T (Bay 01 & 03)	72T (Bay 05)	48T	96T
			48T (No.2)	120T
No. 2,3,4,5 Holds	75.2T	48T (No.2)	60T	120T
			60T (No.2)	150T

Poop Deck (Bays 33, 35 & 37) : 75.2T -- TEU/FEU

Tween Deck height : 5.94m

Reefer Cargo : 150 reefer sockets, each rated at 440v, 30A, 60Hz

Reefer points situated : On deck 150 points
 Maximum reefer load : 150 TEU

M.V. TASMAN ENDEAVOUR

1257 TEU Geared Multi-Purpose Containership

PRINCIPAL DIMENSIONS

LENGTH	(O.A.)	184.90M
LENGTH	(B. P.)	176.00M
BREADTH	(MLD)	27.60M
DEPTH	(MLD)	14.70M
DRAFT	(SUMMER)	10.588M
DEADWEIGHT	(SUMMER)	25,524MT
GROSS TONNAGE		18451
NET TONNAGE		8250
MAIN ENGINE	MITSUBISHI	8UEC 6OLS
	M.C.R.	19,200BHP x 100RPM
	N.O.P.	16,320BHP x 94.7RPM
COMPLEMENT		30P
CLASS		L R
SERVICE SPEED		18.5KTS
CONTAINER	(NOMINAL)	
	HOLD	478TEU
	DECK	779TEU
	TOTAL	1,257TEU
REF. PLUG		150TEU
REF. CONTAINER		150TEU

