

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 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 | Center | 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 | 1,825.1 | 1,746.5 | 1,630.0 |
| | hatch 280.7 | hatch 280.7 | hatch 280.7 | hatch 280.7 |
| No.2 | 2,712.6 | 4,196.0 | 2,623.0 | 3,758.2 |
| | hatch 519.6 | hatch 519.6 | hatch 519.6 | hatch 519.6 |
| No.3 | 7,610.6 | 692.6 | 7,530.2 | 692.6 |
| | hatch 692.6 | hatch 692.6 | hatch 692.6 | hatch 692.6 |
| No.4 | 3,790.0 | 344.4 | 3,746.4 | 344.4 |
| | hatch 344.4 | hatch 344.4 | hatch 344.4 | hatch 344.4 |
| No.5 | 5,522.3 | 519.6 | 5,440.2 | 519.6 |
| | hatch 519.6 | hatch 519.6 | hatch 519.6 | hatch 519.6 |
| Total | 4,519.0 | 22,944.0 | 4,369.5 | 22,105 |
| | LH 22,944.0 | hatch 2,356.9 | LH 22,105 | hatch 2,356.9 |
| Totals: | 29,819.9m ³ | | 28,831.4 m ³ | |

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

Hold & Tween Deck Measurements:

| | Lower Hold | Tween Deck |
|---------|---|-------------------------------------|
| No. 1 : | Max length 26.46 m Max width 5.0 m at fwd end & 16.8 m at aft end | 26.46 m 6.0 m 21.7 m |
| No. 2 : | Max length 26.46 m Max width 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 : | Max length 33.96 m Max width 10.7m at fwd end & 10.7m at aft end (P&S) | --- |
| No. 4 : | Max length 13.26 m Max width 11.1m at fwd end & 11.1m at aft end (P&S) | --- |
| No. 5 : | Max length 26.46m Max width 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 | 3 65.6 | 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 m ³ @ 96% |
| MDO | : 83.55 m ³ @ 96% |
| FW | : 279.33 m ³ @ 100% |
| Ballast | : 9,477.62 m ³ @ 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 PROVIDER

1257 TEU Geared Multi-Purpose Containership

BUILT

March 1994
Minami Nippon, Usuki Japan
Hull No. M-630
Ex. "Meridian Challenger"

CLASS

Lloyds +100A1 LMC UMS
IMO No. 9070709

PORT OF REGISTRY

Hong Kong
Off. No. HK-1351

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. 764593434 (Tel) |
| | : No. 764593437 (Fax) |
| Satcom C | : No. 447744040 (Telex) |
| Sat M | : No. 764057537 (Tel) |
| | : No. 764057538 (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 m ² |
| Tweendeck | : 5.0 mt per m ² |
| Tank top | : 18.0 mt per m ² |

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) | 48T | 120T |
| | | | 60T | 150T |
| No. 1 Hold | 64.6T | 60T | 60T | 120T |
| | | | 60T (No.2) | 150T |
| No. 2,3,4,5 Holds | 94.5T | 60T (No.2) | 60T | 150T |
| | | | 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 PROVIDER

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 |

