

18 DEC 1948

STEEL STEAMER or MOTORSHIP.

Received at London Office

4 DEC 1948

State if Report has been sent on the Freeboard of the Vessel. Yes

State if Report is sent on the Machinery of the Vessel. Yes

Date of completion of report 3rd November, 1948

Port of Quebec, P.Q.

No. 7587

Survey held at Lauzon, P.Q.

Date First Survey 28th May

Last Survey 11th September

1948

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Twin Screw Motor Vessel "CHING MEN"

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings)

Special Type.

State Type of Erections None

TONNAGE under 631.84
Tonnage Deck....}

CLASS

A.1 'With Freeboard'

State if with freeboard

Yes

Built at Lauzon, P.Q.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

For Service on Yangtze River.

as condition of Class

FEET.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 160.0

Breadth (greatest moulded)

B 33.0

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 17.0

1st Longitudinal Number (L x D)

2720

2nd Numeral L x (B + D)

8860

Framing Depth "d," at middle of length. See Sec. 3 (1d)

7.0

Proportions—Depth to Length — Uppermost continuous deck to top of keel

9.4

Do. Long Bridge to top of keel

Draught Moulded

8'-6"

Launched 29th April, 1948 Yard No. 40

Builders Geo. T. Davie & Sons Ltd.

Owners Ming Sung Industrial Co. Ltd.

Managers

(Where necessary to be entered in Reg. Book.)

Residence 9 The Bund Shanghai

Port of Registry Shanghai

If surveyed while building, afloat, or in dry dock

While Building,

REGISTERED DIMENSIONS.

FEET.

Length 160.2

Breadth 33.0

Depth 14.9

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	20		Bracket Floors, Frame		
" " from 3/8 length amidships to Collision bulkhead	20		" " Reversed Frame		
" " in peaks	20		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships	30 5/16 12.75	
Frame Amidships, Angle, 2 1/2 x 2 1/2 5/16	2 1/2 x 2 1/2 5/16		" " top Angles	None	
" " Extends up to	Upper Deck		" " bottom Angles	E.W. Construction	
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	2 two 3/16	
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	-	
Depth of Framing Girder	2 1/2		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle [or]	-		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or]	-		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " "	-		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
from 1/2 len. for'd. to 15% len. from Stem	-		Tank Side Brackets, height above base line at toe of Frame and thickness	-	
in Peaks, Angle 2 1/2 x 2 1/2 5/16	2 1/2 x 2 1/2 5/16		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 - 4-3/8 3/8		Breadth and thickness of Middle Line Strake	44 x 5/16	
State if Frame Joggled	No		Thickness of remainder in Holds	1/2	
the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	As Approved		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	As Approved	
the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	As Approved		BEAMS.		
DOUBLE BOTTOM.			Uppermost Continuous Deck, amidships	4 x 3 x 1/4	
Floors, Depth and thickness at mid-line in Holds			" " Longitudinals, Angle, 2 1/2 5/16	4 x 3 x 1/4	
Height of Brackets at side above base line at toe of frame			" " Fore & After Spacing	25 apart 20	
Middle Line Keelson, on Floors, Angles, [or]			Second Deck, amidships, Angle, 2 1/2 5/16	4 x 3 x 1/4	
" " " Through Plate or Intercoastal Plate			Spacing	20	
" " " Foundation Plate on Floors			Third Deck, amidships, Angle, [or]		
" " " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, [or]		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Poop Deck, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	7.65 - 20		Bridge Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?	10.2 in ER No		Spacing		
Bracket Floors, breadth and thickness at middle line	Floors EW.		Forecastle Deck, Angle, [or]		
" " breadth and thickness at margin plate			Spacing		

PILLARS AND DECKS.			PILLARS AND DECKS.		
	INCHES IN SHEET.	Any Departure from Approved Plans to be Noted.		INCHES IN SHEET.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	-	-	Stringer Plate, breadth and thickness in way of Bridge	-	-
" in 'tween Decks, Size and Spacing.....	2" dia. Std. Pipe ✓		Thickness of Plating abreast Deck openings in way of Wells	1/2" & 3/16" ✓	
" " " " " "	-	-	Thickness of Plating abreast Deck openings in way of Bridge	-	
" in Holds " " " " " "	3" dia. Std. Pipe ✓		Thickness of Plating within line of openings..	1/2" & 3/16" ✓	
" " " " " " " "	-	-	If Sheathed, material and thickness.....	Not Sheathed.	
Centre Line Bulkhead.	-		Third Deck.		
Stiffeners and Spacing.....	-		Stringer Plate, breadth and thickness.....		
Plating, thickness of.....	-		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	27 ✓	9/32 ✓	If plated, state thickness.....		
" " " " " in way of Bridge	-	-	Poop Deck.		
" Angle in Wells	2 1/2 x 2 1/2 ✓		Stringer Plate, breadth and thickness.....		
Thickness of Plating abreast Deck openings in way of Wells	3/16 & 1/4 ✓		Plating, Sheathing, material and thickness.....		
Thickness of Plating abreast Deck openings in way of Bridge	-		Bridge Deck.		
Thickness of Plating within line of openings..	3/16 ✓		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	Not Sheathed ✓		Plating, Sheathing, material and thickness.....		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells at ends	27 ✓ - 1/4 ✓		Stringer Plate, breadth and thickness.....		
	27 ✓ - 3/16 ✓		Plating, Sheathing, material and thickness.....		

[illegible]

Total No. of W.T. BULKHEADS in Vessel— Five *for record*

Extending to Upper Deck (Sec. 3 c) **Three**

" Deck next below **Two**

As per Rule **Four**

	Casting or Forging.	Scantlings.	Maker's Name.	Any Devt from App Plans to be
KEEL, Bar	Flat plate keel	✓		I
STEM Part C.S. as			Can. Ce	
STERN FRAME } Propeller Post	C.S. approved		Found	
} Rudder	-			
Speed of Vessel	13.5 knots			
RUDDER—Type twin	Balanced			
" A X D each	72	12 1/8		
" Diam. of head	F.S. 6"		Can. C	
" Mainpiece at top pintle	as	✓	&	
" " heel	F.S. approved		Found	
" how constructed	Fabricated and welded			
" double or single plate	Double	✓		
" coupling, vertical or horizontal	Horizontal	✓		

[illegible]

EQUIPMENT No. 8860										LETTER		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TANK.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
6756	1st Bower.....	11	3	20	Stockless			13	16	3	24	12	cwts.	Cast Steel	Sorel Steel Foundry, Niagara Falls, N.Y.
6755	2nd ".....	11	3	3	"			13	16	3	24	12	cwts.	-do-	-do-
6754	3rd ".....	11	3	1	"			13	16	3	24	10	cwts.	-do-	-do-
	Collective Weight	37	1	24								34	cwts.		
15531	Stream.....	5	0	0	1	1	25	8	15	0	0	5	cwts.	ex Stock.	

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statury.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
3399	150	1 1/8	338	47 3	11554	-	Approved		Chok Baldt and Son, Chain & Cable Works, Philadelphia, Pa. 15/8/47				2@90	6 1/2	20.2	Approved	
									Division		S. Smyth		2@136	6 1/2	152	of (2000 lbs)	
	2off	Cir.											2@75	5		Manila rope	
Jeon Steam Chain or Steel Wire	45	1 dia.	-	219	(of 2000 lbs)			1@45	3	6/12 gal. Canadian S.W. Wire Rope Co.			2@75	3		Manila rope	

Steering Gear, Type (Power or hand) Electro-Hydraulic with telemotor control. Alternative Means of Steering Mechanical Hand Control

Steering Chains (Size and Test) Telemotor Control. Windlass Electric Progressive Eng Boats 26' wood motorboats.
Wks. Vancouver.

Ceiling in Holds, thickness and material 2" pine Cargo Battens, thickness, material and spacing None

Cargo Hatchways.—(Upper Deck) Steel plates and angles. Thickness of Hatches 8" Aluminum (fabricated).

Size of Hatchways No. 1 (Fwd.) 18'-4"x8'-0" No. 2 20'-0"x12'-0" No. 3 (main deck only) No. 4 - No. 5 - No. 6 -

Number of Shifting Beams } None
and/or Fore and Afters }

Builder's Signature Geo. T. Davis & Sons Ltd PER [Signature]

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

This Vessel is a sister vessel of the M.V. "KUEI MEN". - Mtl. Rpt. 7583
Vessels have two superimposed, superstructure decks of aluminum and all deckhouses are constructed of aluminum.

List of Plans forwarded with Mtl. Rpt. 7583

1. Midship Section
2. Structural Inboard profile and Deck Scantling Plan
3. Fore Peak Framing and Chain Locker
4. Aft Peak Framing
5. O.T. and W.T. Bulkheads
6. Main Deck, Upper Deck Plating & Longl. Girder
7. Shell Expansion
8. Stem & Stern Frame Castings
9. Foundation for Main Engine
10. Upper Deck House enclosures (Aluminum)
11. W.T. Hatch and Manhole Covers
12. Cargo Hatch Covers
13. Shaft Struts and Stern Tube
14. Steering Gear

Copies of following Certificates attached

C.S. Stern Frame Lloyd's No. 4955, 22-5-47, L.A.
C.S. Stem Casting " " 4960, 17-6-47, L.A.
C.S. Stern Tube " " 5059, 30-7-47, L.A.
C.S. " " " " 5060, 30-7-47, L.A.
C.S. " " " " 5061, 30-7-47, L.A.
C.S. " " " " 5062, 30-7-47, L.A.
C.S. Shaft Strut (a) " " 5099, 25-8-47, A.E.
C.S. " " (b) " " 5100, 25-8-47, A.H.
F.S. Rudder Stock (s) " " 4878, 3-10-47, A.S.
F.S. " " (p) " " 4872, 29-9-47, A.S.
Steering Gear & Tiller, Lloyd's No. 1580, 15-6-47

PARTICULARS OF ELECTRIC WELDING (if employed) Seams and butts of bulkheads, shell and tank top plating, main and upper decks, vertical keel, floors, rudders and girders throughout. Unionmelt process and approved shielded arc electrodes used throughout.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book With Freeboard. Part Electrically Welded. Fitted for Oil Fuel F.P. above 150°F. Oil Engines. A. & C.P. Cruiser Stern.

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower (Wt. includes pins, etc.)	1336 lbs.	T.O.M.	5184	28-10-47
	2nd " " " "	1319 lbs.	T.O.M.	5182	28-10-47
	3rd " " " "	1317 lbs.	T.O.M.	5183	28-10-47

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — $\frac{1}{2}$ ft., R.Q.D. — ft., Bridge — ft., Forecastle — ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. Signal Letters. Extreme Breadth over Belting 34'-5-1/16" Over-all Length 168'-8" (Circ. 1611) (Circ. 1703)

No. and Material of Decks 2 Steel Decks

Parts of Bottom of Vessel coated with cement or approved composition Fore peak tank, after peak tank.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft, Frs. 15-26	18'-4"	9.4	Fore peak tank,	8'-6"	5.28
Double bottom, under Engines and Boilers, 27-32	8'-4"	12.06	After peak tank,	-	-
Double bottom, if under Engines only, 33-43	16'-8"	31.70	Deep tank, aft,	53-63	16'-8" 96.11
Double bottom, if under Boilers only, 43-53	16'-8"	30.40	Deep tank, forward,	Day Tanks 53-55 (P&S)	3'-4" 8.06
Double bottom, forward, 53-63	46'-8"	39.99	Other tanks, if fitted,		
Total length (if continuous) and Capacity	120'-0"	122'-5"	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 227

Date 18 Feb. 1947

Dates of Surveys held while building

(1947) May 28, 29, 31, June 6, 7, 9, 12, 13, July 15, 16, Aug. 11, 12, 14, 18, 19, 22, 24, 29, Sept. 5, 6, 11, 12, 15, 17, 18, 22, 23, 25, 30, Oct. 6, 8, 9, 10, 13, 14, 15, 20, 23, 24, 29, Nov. 3, 5, 10, 11, 12, 14, Dec. 4, 8, 9, 17, 24, 29.
(1948) Jan. 6, 8, 12, 16, 22, 24, 28, 30, Feb. 11, 25, March 3, 4, 9, 15, 17, April 6, 21, 22, 24, 26, 28, 29, 30, May 5, 10, 13, 25, 27, 29, June 1, 3, 7, 9, 21, July 2, 5, 19, 23, Aug. 5, 10, 12, 16, 17, Sept. 11.

Total No. of Visits 96

Lloyd's Register Foundation