

Rpt. 1.
Rpt. 1.
Sht. 1.

RECEIVED

11 OCT 1949

IN D.O.

STEEL STEAMER or MOTORSHIP.

7 OCT 1949

Received at London Office.

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

Port of

Quebec, P.Q.

No.

7891

Survey held at

Lauzon, P.Q.

Date First Survey

21st July, 1947

Last Survey

26th July

1949

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

Twin Screw Vessel "YEN MEN"

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

Special Type for River Service

State Type of Erections with opening in sides aft. Complete Superstructure

TONNAGE under Tonnage Deck

2122.70

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

Total

Gross Tonnage

3072.14

Register Tonnage

2192.90

REGISTERED DIMENSIONS.

FEET.

Length

272.9

Breadth

50.0

Draught

22.0

CLASS *A1 with freeboard for service on the Yangtze River.

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

FEET.

L 270.0

Breadth (greatest moulded)

B 50.0

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

D 14.0

1st Longitudinal Number (L x D)

3780

2nd Numeral L x (B + D)

17280

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

9.5

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

12.27

Do. Long Bridge to top of keel

Draught Moulded

12.0

Built at

Lauzon, P.Q.

Launched

14th May 1949

Yard No.

47

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, and on slipway

Yes

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.
MES, Spacing amidships	24		Bracket Floors, Frame		
" from 3/4 length amidships to Collision bulkhead	24		" " Reversed Frame		
" in peaks	24		" " Vertical Struts		
E FRAMING.			Centre Girder, depth and thickness amidships	36	11/32
ame Amidships, Angle, 3/8	5	3 5/16	" " top Angles		None
" " Extends up to	Upper deck		" " bottom Angles		welded construction
versed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	three	1/2
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness		
h of Framing Girder	5		" " Vertical Angle to Tank side		
nes in Uppermost Continuous 'tween Decks, Angle, 3/8	as above		Bracket abaft 1/4 len. from stem		Raised
" Second 'tween Decks, Angle, [or]	-		" " Vertical Angle to Tank side		
" Third " " " "	-		Bracket from forward 1/4 len. from stem to Panting Area		tank at
from 1/2 len. for'd. to 150' beam from Stem	6	3 1/2 5/16	" " Gussets, spacing and scantling abaft 1/4 len. from stem		sides as
Aft peak	5	3 5/16	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		approved.
in Peaks, Angle or [Fore peak	6	3 1/2 5/16	Tank Side Brackets, height above base line at toe of Frame and thickness	18	1/2 above raised tanks
meter and Spacing of Rivets through Frame and Shell Plating amidships	5/8	3 1/8	INNER BOTTOM PLATING.		
in deep tanks & F. peak	5/8	3 3/8	Breadth and thickness of Middle Line Strake	47	11/32
e if Frame Joggled	No		Thickness of remainder in Holds		1/2
the scantlings and arrangements in the painting Area in accordance with the Rules and/or as approved?	(edges of plating berth welded 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.		
GLE BOTTOM.			Uppermost Continuous Deck, amidships	4	3 5/16
oors, Depth and thickness at mid-line in Holds			" " in Way Angle 3/8	4	3 5/16
Height of Brackets at side above base line at toe of frame			" " in Way Angle 3/8		
iddle Line Keelson, on Floors, Angles, [or]			Beam Longitudinals	26	apart
" " " Through Plate or Intercoastal Plate			Spacing	24	"
" " " Foundation Plate on Floors			Second Deck, amidships, Angle, 3/8	4	3 5/16
" " " Flat Plate Keel Angles			Spacing		24
de Keelsons, No. each side			Third Deck, amidships, Angle, [or]		
" thickness of Intercoastal Plate			Spacing		
" Angles			Fourth Deck, amidships, Angle, [or]		
Spacing			Spacing		
POOP DECK, Angle, [or]			POOP DECK, Angle, [or]		
Spacing			Spacing		
Bridge Deck, Angle, [or]			Bridge Deck, Angle, [or]		
Spacing			Spacing		
Forecastle Deck, Angle, [or]			Forecastle Deck, Angle, [or]		
Spacing			Spacing		

EQUIPMENT No. 20260

LETTER.....S

ANCHORS.

EQUIPMENT NO.														Description of Anchor.		Makers.	Where and when tested and Superintended.
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT FROM PROOF TESTS.	Description of Anchor.	Makers.	Where and when tested and Superintended.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.					lbs.	Approx.	
15456	1st Bower.....	34	2	21	Stockless			32	15	0	0	33	Baldt Stockless	Baldt Anchors	Chester Pa. 9-10-47		
15457	2nd "	34	2	21	"			32	15	0	0	33	" "	Chain & Forge	R. G. S. Kennedy		
15465	3rd "	27	0	26	"			26	18	0	0	26	" "	"	"		
	Collective Weight	96	3	4	✓							110		Baldt Anchor	Chester Pa. 2-3-48		
15533	Stream	8	2	23	2	0	26	10	17	0	0	9.25 stock	Old Style	Chain & Forge	J. K. Helms		
														DIV.		DEPT. OF COMMERCE AND WARPS	

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE		Length and Size per Table 63.		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 59.	
	Length.	Diam.	Status.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms	Inch.	Tons.	Tons.	Lbs.	Cwt.	Fathoms	Inch.					Fathoms.	Inch.		Fathoms.	Inch.
3438	210	1 5/8	✓	56.3	33480	-	Approved	13 1/16	Link	McKay & Columbus and Balclut Anchor Chester Pa. J. K. H.	14-10-27	TOWLINE	2090	7/32"	✓	26 tons	Approved
												HAWSEAS & WARPS	401207	3/16"	✓	19.5tons	" ✓
												"	2075	13/16"	✓	16.5tons	" ✓
												"	2090	5/16"	✓	2000lbs.	" ✓
												"	2090	6"	✓	manila rope	✓
												"	2090	5"	✓	"	"
												"	2090	3 1/2"	✓	"	"
Iron Steam Tug Co's Steel Wire	75	1 1/8	✓	28.8	(of 2000lbs)	-	75	1 1/8	Wire	Steel Anglo Canadian Wire							
	dia.							dia.	6/12	rope	Rope Co.						

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

Steering Chains (Size and Test) Telemotor Control Windlass Progressive Engineering Boats 2 - 26' Aluminum life boats
2 - 20' Wood Motor boats

Ceiling in Holds, thickness and material 2 1/2" pine Cargo Battens, thickness, material and spacing None

Cargo Hatchways.—(Upper Deck) Steel plates and angles ✓
Depth of Hatches 10" Aluminum (as approved)

Size of Hatchways No. 1 (Fwd) No. 2 No. 3 No. 4 No. 5 No. 6

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

Builder's Signature.

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— SEVEN		FORGINGS AND CASTINGS.			
Extending to Upper Deck (Sec. 3 c) FIVE		Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
" Deck next below TWO		KEEL, Bar	Flat plate Keel		
As per Rule FOUR		STEM	Part	G.S. as	Can. Car

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		Flat plate Keel		
STEM	Part	C.S. as	Can. Car	
STERN FRAME	{ Propeller Post	C.S. approved	Foundry	
	{ Rudder			
Speed of Vessel		14 Knots		
RUDDER—Type	One centre rudder ordinary (1)	wing balanced spade,		(2)
	centre 84"			
	Adding each 77"			
" Diam. of head	forging 9 3/8			
" centre rudder	3 as			
" Mainpiece at top pintle	casting approved			
" centre rudder pint	as			
	174 104 1/2 approved			
" how constructed	Fabricated & welded			
" double or single plate	double			
" coupling, vertical or				
" horizontal	horizontal			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth
Carnegie - Illinois Steel Corporation (plate & sectional material)
CORTEN - STEEL

Has the Steel been tested as required by the Rules? Yes

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. Yes
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. No The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letters.

The scantlings and arrangements are in accordance with or equivalent to those shown on the approved plans.

The workmanship and materials are good.

The double bottom, peak and deep tanks, D.B. cofferdams, bulkheads, tunnels, decks, W.T. Doors, hand pump, steering gear and windlass, have been tested as required by the Rules and found satisfactory.

Oil F.P. above 150°F. is carried as fuel in double bottom tanks No. 2 (frs. 86-99 p & s) No. 3 (frs. 74-86 p & s)

No. 6 (frs. 47-54 p & s) & No. 7 (frs. 32-47 p & s) and settling tanks (p & s) and the requirements of section 20 of the Rules where applicable, have been complied with. ✓

The freeboards assigned by the Committee have been cut in on the vessel's sides and verified.

The amount of Entry Fee £ 4 : : Fees applied for,
 Special Survey Fee..... £ 1631 ⁰⁰ : : Sept 9th 194
 Travelling Expense, if any 65 ⁰⁰ : : Received by me,
 : : _____ 19__

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed *AL with freeboard
for service on the Yangtze River

State whether the Vessel has been built under Special Survey.....Yes.....

Signature R. A. Thompson
 Surveyor to Lloyd's Register of Shipping

Certificate to be sent to W.D. Date of issue X 14/2/50.

Committee's Minute

Character assigned. + A1 with faubond carrying vegetable oil on side deck tanks
7.49 2bc (sub ed) for service on the Yangtze River or Hoang Kong River Trade
+ LMC 7.49 (sub ed) fitted for oil fuel 7.49 F.P. at 150 F
2. WTB 535 lbs (Chk 450 lbs) F.D. 0.6

below the

Lloyd's Register
Foundation

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 sister vessel of Hull 45 "HU MEN" built by the same builders.

All plate and sectional material in the structure of the vessel up to and including the Upper Deck is of Cor-ten Steel, and the vessel has two superimposed superstructure decks and deckhouses of aluminum.

E.W. of Cor-ten Steel approved per Secretary's letter M. 9th January 1948.

List of plans attached to first report.

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. & W.T. Bulkheads.
6. Main deck plating beams & girders
7. Upper deck plating beams & girders
8. Shell expansion
9. Stem & Stern Frame castings
10. D.T. & W.T. hatches & manhole covers.
11. Cargo hatch covers
12. Shaft Struts & Stern tube
13. Centre & Wing Rudder Stocks & Carriers
14. Steering gear Arrangement & details

Copies of the following certificates attached.

- | | | | |
|------------------------|------------------|-----------|----------------|
| Stern Frame | Lloyd's No. 5404 | 7/2/48 | H.L.W. |
| Stem Casting | " | No. 5405 | 20/2/48 H.L.W. |
| Stern tube ring | " | No. 7794C | 29/1/48 D.H. |
| " | " | No. 7794D | 29/1/48 D.H. |
| " | " | No. 7794E | 29/1/48 D.H. |
| " | " | No. 7794F | 29/1/48 D.H. |
| Shaft strut (s.s.) | " | No. 5802 | 18/6/48 H.L.W. |
| " | " (p.s.) | No. 5803 | 18/6/48 H.L.W. |
| Rudder Stock (cr) | " | No. 4945 | 1/3/48 A.S. |
| " | " (p.s.) | No. 4949 | 1/3/48 A.S. |
| " | " (s.s.) | No. 4950 | 4/3/48 A.S. |
| Steering gear & tiller | " | C7495 | 22/7/48 C.M. |

PARTICULARS OF ELECTRIC WELDING (if employed) Seams and butts of shell and tank top plating, main and upper deck structure except upper deck stringer bar, double bottom structure bulkheads, deck girders and hatchways, stringers, rudders and detail work generally.

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. Steam turbines, A. & C.P. Cruiser Stern.

Refrigerating machinery, Special Quality Steel, Cargo battens not fitted.

Carrying vegetable oil in Deep Tanks.

Particulars of Drop Test of Cast Steel Anchors, viz:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

- | | | | |
|-----------|--|---------------------|---------|
| 1st Bower | (Wght. includes pins etc.) | 3885 lbs. R.K. 3050 | 9/10/47 |
| 2nd " | " " " " | 3885 lbs. R.K. 3050 | 9/10/47 |
| 3rd " | assembled anchor previously tested, no drop test made. | | |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — 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 51.82 ft. Over-all Length 283.67 ft.
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 Dk & Shelter Dk. (Stb)

Parts of Bottom of Vessel coated with cement or approved composition Fore peak tank, after peak tank, feed & F.W. tank and No. 1 water ballast 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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	S.W. Tons.
Double bottom, aft, Frs 17-47	60.0	106.5	Fore peak tank, Fr 128 to Stem	13.0	19.3
Double bottom, under Engines and Boilers, 47-74	54.0	150.0	After peak tank, Fr 7 aft	18.0	126.0
Double bottom, if under Engines only, —	—	—	Deep tanks aft, Frs 32-47 (p&s)	30.0	244.0
Double bottom, if under Boilers only, —	—	—	Wing & Cr. Deep tank, forward amidships Frs 65-99 (p&s)	74.0	505.0
Double bottom, forward, 74-124	100.0	248.3	Other tanks, if fitted, settling tanks Frs 62-65 (p&s)	6.0	25.6
Total length (if continuous) and Capacity	214.0	504.8	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 228

Date

13th March 1947

Dates of Surveys held while building

1947 July 21, Aug. 12, 13, 25, Sept. 5, 8, 13, 16, 23, Oct. 1, 9, 15, 17, 20, 22, 27, 30, Nov. 4, 5,

10, 20, 24, 27, 28, Dec. 4, 5, 12, 15, 17, 18, 30, 1948 Jan. 9, 13, 14, 20, 21, 22, 28, Feb. 18, 26, 27,

Mar. 4, 5, 12, 24, 29, 31, April 6, 15, May 5, 21, 28, June 3, 7, 10, 11, 28, July 1, 6, 14, 20, 27, 28,

Aug. 20, 28, Sept. 10, 15, 21, 28, Oct. 7, 20, 22, Nov. 8, 10, 12, 26, Dec. 14, 1949 Feb. 1, 2, 4,

11, 16, 21, 22, 25, 28, Mar. 2, 5, 10, 14, 16, 17, 18, 21, 22, 24, 28, 30, April 4, Total No. of Visits 126

11, 13, 18, 25, 27, 28, May 4, 8, 11, 12, 13, 17, 24, 31, June 1, 3, 7, 8, 9, 13, 16, 17, 21, July 19, 20, 23, 26,

For S.S.O.F. see main ship "Hu Men" yd No. 45.