

STEEL STEAMER or MOTORSHIP

Received at London Office... 15 NOV. 1926

State if Report has been sent on the Freeboard of the Vessel -

State if Report is sent on the Machinery of the Vessel -

Date of completion of report **October 13th. 1926.** Port of **Hong Kong.** No. **6042.**
Survey held at **Hong Kong** Date First Survey **June 3rd. 1926.** Last Survey **October 12th. 1926.**
On the **Barge "M.L. 2"**
State Type **Full Scantling** State Type of Erections -

TONNAGE under 208.30 CLASS * 100A1 Barge State if with freeboard -
Tonnage Deck... for being towed. as condition of Class FEET.
Do. of space or spaces - Length from fore part of stem to after part of stern } L 105'
between Tonnage Dk. and Upper Dk. } post on summer L.W.L. See Sec. 3 (1a)
Total Breadth (greatest moulded) B 24'
Gross Tonnage 228.23 Depth, at middle of length from top of keel to top } D 10'5
of beam at side of uppermost continuous
Register Tonnage 217.70 deck. See Sec. 3 (1c)
1st Longitudinal Number (L x D) = 1102.5
2nd Numeral L x (B + D) = 3622.5
Framing Depth "d," at middle of length. See } 9.5
Sec. 3 (1d)
Proportions—Depth to Length—Uppermost con- } 10
tinuous deck to top of keel
Do. Long Bridge to top }
of keel }
Draft Moulded -
Built at **Hong Kong**
Launched **Sept. 22nd. 1926.** Yard No. **632.**
Builders **Hongkong & Whampoa Dock Co. Ltd.**
Owners **The Menam River Towage & Lighter Co.**
Managers **Thoresen & Co. Ltd.**
(Where necessary to be entered in Reg. Book.)
Residence **Bangkok**
Port of Registry **Bangkok**
If surveyed while building, afloat, or in dry dock
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.
FRAMES, Spacing amidships	21		Bracket Floors, Frame	-	
" " from $\frac{1}{2}$ length to Collision } bulkhead.....}	21		" " Reversed Frame	-	
" " in peaks.....	21		" " Vertical Struts	-	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	-	
Frame Amidships, Angle, E or F	4 2 $\frac{1}{2}$. 30		" " top Angles	-	
" " Extends up to Deck			" " bottom Angles	-	
Reversed Frame Amidships, Angle	None		Side Girders, No. each side and thickness	-	
" " Extends up to... ..	-		Margin Plate depth (excl. of flange) and } thickness	-	
Depth of Framing Girder	4		" " Vertical Angle to Tank side } Bracket abaft $\frac{1}{2}$ len. from } stem	-	
Frames in Uppermost Continuous 'tween } Decks, Angle, [or [.....	-		" " Vertical Angle to Tank side } Bracket forward $\frac{1}{2}$ len. from } stem	-	
" " Second 'tween Decks, Angle, [or [.....	-		" " Gussets, spacing and scantling } abaft $\frac{1}{2}$ len. from stem.....}	-	
" " Third " " " "	-		" " Gussets, spacing and scantling } forward $\frac{1}{2}$ len. from stem.....}	-	
Framing in Peaks, Angle E or F	4 2 $\frac{1}{2}$. 26		Tank Side Brackets, height above base line } at toe of Frame and thickness }	-	
Diameter and Spacing of Rivets through } Frame and Shell Plating amid- }	$\frac{1}{2}$ "-4 $\frac{1}{2}$ "		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake ...	-	
PANTING ARRANGEMENTS (Sec. 7), state } system and particulars }	Beams 5 3 . 32		Thickness of remainder in Holds	-	
STRENGTHENING OF BOTTOM FOR- } WARD. State Particulars }	Maintained to Coll. 32 $\frac{1}{2}$		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 ?.....}	-	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in } Holds	12x . 32 flanged 2 $\frac{1}{2}$ "		Uppermost Continuous Deck, amidships } in Wells, Angle, E or F	4 $\frac{1}{2}$ 3 . 32	
Height of Brackets at side above } base line at toe of frame	12" flanged brackets		" " in way of Bridge, Angle, } [or [.....	-	
Middle Line Keelson, on Floors, Angles, } E or F	3 $\frac{1}{2}$ 3 . 36 to . 28		Spacing	21	
" " " Through Plate or } Intercostal Plate 30		Second Deck, amidships, Angle, [or [.....	-	
" " " Foundation Plate on } Floors	-		Spacing.....	-	
" " " Flat Plate Keel Angles	3 $\frac{1}{2}$ 3 $\frac{1}{2}$. 30		Third Deck, amidships, Angle, [or [.....	-	
Side Keelsons, No. each side	2		Spacing.....	-	
" " thickness of Intercostal Plate...	. 28 flanged to shell		Fourth Deck, amidships, Angle, [or [.....	-	
" " Angles	4 $\frac{1}{2}$ x3" . 37		Spacing.....	-	
DOUBLE BOTTOM.			Poop Deck, Angle, [or [.....	-	
Solid Floors, thickness and spacing	-		Spacing.....	-	
" " Are Frame and Reversed Frame } joggled ?.....}	-		Bridge Deck, Angle, [or [.....	-	
Bracket Floors, breadth and thickness at } middle line..... }	-		Spacing.....	-	
" " breadth and thickness at } margin plate.....}	-		Forecastle Deck, Angle, E or F	-	
	-		Spacing	-	

PILLARS AND DECKS.											
		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows		One at ends on centre line.		2 1/2" solid 42" spacing.		Stringer Plate, breadth and thickness in way of Bridge					
" " " " "		" " " " "		" " " " "		Thickness of Plating abreast Deck openings in way of Wells					
" " " " "		" " " " "		" " " " "		Thickness of Plating abreast Deck openings in way of Bridge					
" " " " "		" " " " "		" " " " "		Thickness of Plating within line of openings					
Web frames		In Holds every 8th. frame		11"x 30 Face angles face angles in lieu of 2 1/2"x 30 half round bars		If Sheathed, material and thickness					
Centre Line Bulkhead.		Stiffeners and Spacing		52"x 30"		Third Deck.					
Plating, thickness of				-		Stringer Plate, breadth and thickness		None			
" " " " "		" " " " "		-		If Plated, state thickness					
" " " " "		" " " " "		4"x 3" 30		Fourth Deck.					
" " " " "		" " " " "		-		Stringer Plate, breadth and thickness		None			
" " " " "		" " " " "		-		If Plated, state thickness					
" " " " "		" " " " "		-		Poop Deck.					
" " " " "		" " " " "		-		Stringer Plate, breadth and thickness		None			
" " " " "		" " " " "		-		Plating, Sheathing, material and thickness					
" " " " "		" " " " "		-		Bridge Deck.					
" " " " "		" " " " "		-		Stringer Plate, breadth and thickness		None			
" " " " "		" " " " "		-		Plating, Sheathing, material and thickness					
" " " " "		" " " " "		-		Forecastle Deck.					
" " " " "		" " " " "		-		Stringer Plate, breadth and thickness		None			
" " " " "		" " " " "		-		Plating, Sheathing, material and thickness					
SHELL PLATING.											
SCANTLINGS.						RIVETING.					
AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		EDGES. State if jogged?		BUTTS.			
STRAKES.						No					
AMIDSHIPS.						SINGLE OR DOUBLE.		RIVETS.			
Breadth. Thickness.						Diam. Spacing or to or.		Diam. Spacing or to or.			
Inches. Inches. Inches. Inches.						Inches. Inches.		Inches. Inches.			
FLAT PLATE KEEL				36 40 36 36		D. R. 3/4" 3"		T. R. 3/4" 2 1/2" Lapped			
" DBLG. (if any)				None							
BOTTOM PLATING, No. of Strakes				30 26 26		S. R. 1/2" 2 1/2"		D. R. 1/2" 2 1/2"			
BILGE PLATING, No. of Strakes				" " "		S. R. " "		D. R. " "			
SIDE PLATING, No. of Strakes				34 " "		S. R. " "		D. R. " "			
UPPER DECK, Sheer-strake in Wells				41" " "		S. R. " "		D. R. " "			
UPPER DECK, Sheer-strake in Bridge				-							
STRAKE BELOW SHEER-strake in Wells				-							
STRAKE BELOW SHEER-strake in Bridge				-							
POOP SIDE PLATING				-							
BRIDGE SIDE PLATING				-							
FORECASTLE SIDE PLATING				-							
WATERTIGHT BULKHEADS.											
Total No. of W.T. BULKHEADS in Vessel—											
Extending to Upper Deck (Sec. 3 c) One											
" Deck next below -											
As per Rule -											
FORGINGS and CASTINGS.											
Casting or Forging. Scantlings. Maker's Name. Any departure from approved plans to be noted.											
KEEL, Bar -											
STEM Forging 5 1/2"x 1" H.K. & W.D. Co.											
STERN FRAME Propeller Post None											
Rudder Forging 5 1/2"x 1" - do -											
RUDDER-A x D 99											
Speed of Vessel -											
RUDDER mainpiece at head Forging 4" - do -											
" " heel " 3" - do -											
" " how constructed 3 forged arms											
" " double or single plate Single plate											
" " coupling, vertical or horizontal No coupling.											
STEEL.											
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) O. H. Steel											
Dorman Long, Cargo Fleet, Lanarkshire Steel Co. Wm. Beardmore.											
Has the Steel been tested as required by the Rules? Yes											

EQUIPMENT No. 3622-5										LETTER (C)										ANCHORS.									
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.		Makers.		Where and when tested and Superintendent.													
88455		1st Bower		7 0 4		1 3 24		9 7 0 21		Cwts.		Iron Stock		Hingley & Netherton		12th August 26.													
88456		2nd "		7 0 0		2 0 0		9 5 0 0		Cwts.		" "		Sons Ld.		H. Green.													
		3rd "		14 0 4																									
		Stream																											
CHAIN CABLES.										HAWERS AND WARPS.																			
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.							
78854		50 3/4		1 1/2 20 1/2		25 0 23		23 1/2		135		13 Stud Hingley & Netherton 23rd		July 1926		H. Green.		120 7 Hemp		75 6		75 6							
78864		45		2 10 9		25 0 11		-		45		16 Link Sons Ld.		H. Green.		H. Green.		120 5 Hemp		90 4		90 4							
78091		45		2 10 9		25 0 11		-		45		2 Steel Whitmans Warrington Co. Ld.		H. Green.		H. Green.		120 5 Hemp		90 4		90 4							
		Iron Stream (Cable or Steel Wire)																											
Steering Gear, Steam None										Steering Gear, Hand Quadrant 3'4" radius.																			
Boats 12' - 0" Dinghy										Steering Chains, Size and Test 5/8" diam. Windlass Hand.																			
Ceiling in Holds, thickness and material 2" O. Pine										Cargo Battens, thickness, material and spacing 6"x 1 1/2" O. Pine 9" Spacing.																			
Cargo Hatchways—(Upper Deck) Coamings 36, Hor. Stiffener 7 x 3 x 7/20 B.A.										Thickness of Hatches 3" O. Pine.																			
Size of No. 1 Hatchway (Forward) 56' x 16'										No. 2 - No. 3 - No. 4 - No. 5 - No. 6 -																			
Number of Shifting Beams and/or Fore and Afters Five shifting beams.										3 Fore & Afters.																			
Builder's Signature R. M. Dym										Chief Manager																			
GENERAL DECLARATION This vessel has been built in accordance with the approved plans and instructions, the materials and workmanship are, in my opinion satisfactory.																													
The Fore peak tank, weather deck and bulkhead have been satisfactorily tested.																													
Freeboard The amount of Entry Fee 4. 0. 40. Fees applied for. 451. 12/10/1926																													
Special Survey Fee 45.16/4. Received by me, 29.10.1926																													
Travelling Expenses, if any 50.																													
State whether the Vessel has been built under Special Survey Yes																													
Certificate to be sent to Hong Kong Date of issue 18/11/26																													
Signature Walter Lang & Hill Morrison per Lloyd's																													
Committee's Minute TUES. 16 NOV. 1926																													
Character assigned 100 A. 1. Barge for being Towed.																													
Lloyd's A.R.C.P.																													
M. H. H.																													
J. M. H.																													

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.)

The vessel has been built in accordance with the approved plans and instructions, copies of which are in the London office.

Sister Vessel:— Hongkong Report 6035 "M.L.1".

Forging Reports enclosed.

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

1st Bower ✓
2nd " ✓
3rd " ✓

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 is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) One deck steel

Official No. — ; Signal Letters — Is bottom of Vessel coated with cement Yes if not give particulars of composition —

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No.

Date

Dates of Surveys held while building

1926. June 3, 11, 16, 24, 30. July. 7, 12, 29. Aug. 10, 16, 24.
Sept. 2, 22. Oct. 5 & 12. 1926.

Total No. of Visits 15

S.S.O.F. attached to
FER on "M.L.I." HKC 6035.