

STEEL STEAMER or MOTORSHIP

Received at London Office 1 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 1st. 1926. Port of Hong Kong No. 6035
 Survey held at Hong Kong Date First Survey June 3rd. 1926. Last Survey September 30th. 1926.
 On the Barge "M.L.1"
 State Type Full Scantling State Type of Erections _____

TONNAGE under 208.30 CLASS * 100A Barge State if with freeboard - Built at Hong Kong
 Tonnage Deck... for being towed as condition of Class _____
 Do. of space or spaces between Tonnage Dk. and Upper Dk. _____ Length from fore part of stem to after part of stern } L 105'
 Total _____ Breadth (greatest moulded) B 24'
 Gross Tonnage 228.23 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 10.5
 Register Tonnage 217.70 1st Longitudinal Number (L x D) = 1102.5
 2nd Numeral L x (B + D) = 3622.5
 Framing Depth "d," at middle of length. See Sec. 3 (1d) 9.5
 Proportions—Depth to Length—Uppermost continuous deck to top of keel 10
 Do. Long Bridge to top of keel -
 Draught Moulded -
 Owners The Menam River Towage & Lighter Co.
 Managers Thorsen & 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 $\frac{1}{4}$ length to Collision bulkhead.....	21		" " Reversed Frame	-	
" " in peaks.....	21		" " Vertical Struts	-	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	-	
Frame Amidships, Angle, $\frac{1}{4}$	4 2 $\frac{1}{2}$.30		" " top Angles	-	
" " Extends up to <u>Deck</u>			" " 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 $\frac{1}{4}$	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 amidships	5" - 4 $\frac{1}{2}$ "		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	-	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	Beams 5 3 .32		Thickness of remainder in Holds	-	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Maintained to Coll. Bhd.		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?.....	-	
DOUBLE 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, $\frac{1}{4}$ or $\frac{1}{2}$	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, $\frac{1}{4}$ or $\frac{1}{2}$	3 $\frac{1}{2}$ 3 .36 to .28		Spacing	21	
" " Through Plate or Intercoastal 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 Intercoastal Plate.....	.28 flanged to shell		Fourth Deck, amidships, Angle, [or]	-	
" " Angles	4 $\frac{1}{2}$ x3"x.37		Spacing.....	-	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	-	
Mid 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, [or]	-	
	-		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	21" solid		Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing	42" spacing		Thickness of Plating abreast Deck openings in way of Wells		
" " " " "	-		Thickness of Plating abreast Deck openings in way of Bridge		
Web frames every 8th frame	11"x 30 Face angles		Thickness of Plating within line of openings		
" in Holds every 8th frame	face angles in lieu of 2x2x.30 half round bars.		If Sheathed, material and thickness		
" " " " "	-		Third Deck.		
Centre Line Bulkhead.	-		Stringer Plate, breadth and thickness	None	
Stiffeners and Spacing	-		If Plated, state thickness		
Plating, thickness of	-		Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness	None	
Uppermost Continuous Deck.	52"x .30"		If Plated, state thickness		
Stringer Plate, breadth and thickness in Wells	-		Poop Deck.		
" " " " in way of Bridge	-		Stringer Plate, breadth and thickness	None	
" Angle in Wells	4"x3" .30		Plating, Sheathing, material and thickness		
Thickness of Plating abreast Deck openings in way of Wells	.30"		Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge	-		Stringer Plate, breadth and thickness	None	
Thickness of Plating within line of openings	.25		Plating, Sheathing, material and thickness		
If Sheathed, material and thickness	None		Forecastle Deck.		
Second Deck.	None		Stringer Plate, breadth and thickness	None	
Stringer Plate, breadth and thickness in Wells	None		Plating, Sheathing, material and thickness		

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. No			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Diam.			Spacing cr. to cr.	Diam.		Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	36	.40 ✓	.36 ✓	.36	✓	D. R.	1/4"	3"	T. R.	3/4"	2 1/2"	Lapped
” DELG. (if any)	None					-						
BOTTOM PLATING, No. of Strakes Two	A-B.	.30 ✓	.26 ✓	.26	✓	S. R.	5/8"	2 1/2"	D. R.	5/8"	2 1/2"	"
BILGE PLATING, No. of Strakes One	C	.30 ✓	.26 ✓	.26	✓	S. R.	5/8"	2 1/2"	D. R.	5/8"	2 1/2"	"
SIDE PLATING, No. of Strakes One	D	.34 ✓	.26 ✓	.26	✓	S. R.	5/8"	2 1/2"	D. R.	5/8"	2 1/2"	"
UPPER DECK, Sheer- strake in Wells.....	41"	.34 ✓	.26 ✓	.26	✓	S. R.	5/8"	2 1/2"	D. R.	5/8"	2 1/2"	"
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 **-**

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Uppertween decks					
" " Second "					
" " Third "					
" " Holds					
COLLISION " (in Hold)		.35 to .25	5x3.30	24	
AFTER PEAK "					

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**

1 NOV 1926

1 NOV 1926

EQUIPMENT No.												LETTER		ANCHORS.		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.					
88393	1st Bower ...	7	0	8	1	3	12	9	7	0	21					
88394	2nd " ...	7	0	24	1	3	24	9	9	1	14		Iron Stock	Hingley & Netherton.		
	3rd " ...												" "	Sons. Id.	10th. June 1926.	
	Collective weight.	14	1	4											H. Green.	
	Stream	14	1	4												

CHAIN CABLES.											HAWSERS 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.	
	Length.	Diam.	Statutory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.	Length.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. grs. lbs.	Cwts.	Fathoms.	Ins.						Fathoms.	Ins.	Tons.	Fathoms.	Ins.
78802	603	7	20½	13½	23 3 24	23½			Stud	Hingley	Netherton		TOWLINE HAWSERS & WARPS					
78803	60.4	7	20½	13½	24 1 12	23½			Link	& Sons Ltd.	Jun. 12, 1926							
Iron Steam Chain or Steel Wire		Cir.							-do-	-do-	H. Green.							

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.

HONGKONG & WHAMPOA DOCK CO. LTD.

Builder's Signature

R. M. Dunn
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.

See Subsequent reports for chain cable acceptances
 18. 105 fms @ 14 1/16" dia and still later 120 fms 12" dia.

The amount of Entry Fee £ 4. 0.)
 Special Survey Fee.... £45.16/-)
 Travelling Expenses, if any \$50.00.

Fees applied for,

\$451. 30/9/1926

Received by me,

12-10-1926

I am of opinion the Vessel should be Classed * 100A Barge for being towed.

State whether the Vessel has been built under Special Survey Yes

Signature Walter Lang & J. M. Morrison
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to: Hong Kong Surveyors Date of issue 5/11/26

Committee's Minute FRI. 5 NOV 1926

Character assigned 100 A1 Barge for being towed

TUES. 16 NOV 1926

Lloyd's A.C.P.

Mike H.K.

M.H.



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Lloyd's Register Foundation

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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.

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.—

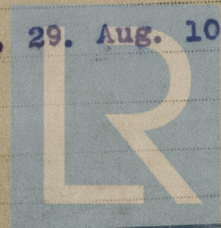
PARTICULARS OF WATER BALLAST.—					
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(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, 30. 1926.



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Total No. of Visits 14