

STEEL BARGE

Rpt. 1.

STEEL STEAMER or MOTORSHIP

Received at London Office

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 19th. 1926.** Port of **Hong Kong** No. **6049.**Survey held at **Hong Kong** Date First Survey **June 11th. 1926.** Last Survey **October 18th. 1926.**On the (State if Machinery fitted with or without Tonnage Deck) **Barge "M.L. 3"**State Type (Full Scantling, Complete Superstructure with or without Tonnage Deck) **Full Scantling** State Type of Erections **None**TONNAGE under 161.59
Tonnage DeckDo. of space or spaces
between Tonnage Dk.
and Upper Dk.

Total

Gross Tonnage 177.64

Register Tonnage 168.38

REGISTERED DIMENSIONS.
FEET.

Length 95

Breadth 21.1

Depth 9.8

CLASS * 100A Barge State if with freeboard
for being towed. as condition of ClassLength from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) L 95.0

Breadth (greatest moulded) B 21.0

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 10.5

1st Longitudinal Number (L x D) = 997.5

2nd Numeral L x (B + D) = 2992.5

Framing Depth "d," at middle of length. See
Sec. 3 (1d) 9.58Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel 9.09Do. Long Bridge to top
of keel

Brought Moulded

Built at **Hong Kong**Launched **Oct. 4th. 1926.** Yard No. **633.**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 1/2 length to Collision bulkhead	"		" " Reversed Frame	-	
" " in peaks	"		" " Vertical Struts	-	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	-	
Frame Amidships, Angle, $\frac{1}{2}$ "	4"x2 1/2"x. 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 1/4 len. from stem	-	
Frames in Uppermost Continuous 'tween Decks, Angle, [or [-		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	-	
" " Second 'tween Decks, Angle, [or [-		" " Gussets, spacing and scantling abaft 1/4 len. from stem	-	
" " Third " " "	-		" " Gussets, spacing and scantling forward 1/4 len. from stem	-	
Framing in Peaks, Angle or [4"x2 1/2"x. 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- ships	5/8" & 4 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"x3"x. 32"		Thickness of remainder in Holds	-	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	Maintained to Coll. B. hd.		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	11"x. 30 flanged 2 1/2"		Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{1}{2}$ "	4"x3"x. 30	
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, $\frac{1}{2}$ "	3 1/2"x3"x. 34"- .26"		Spacing	21"	
" " " Through Plate or Intercostal Plate	.28"		Second Deck, amidships, Angle, [or [-	
" " " Foundation Plate on Floors	-		Spacing	-	
" " " Flat Plate Keel Angles	3 1/2"x3 1/2"x. 28"		Third Deck, amidships, Angle, [or [-	
Side Keelsons, No. each side	One		Spacing	-	
" " thickness of Intercostal Plate	.28" flanged to shell		Fourth Deck, amidships, Angle, [or [-	
" " Angles	5"x3"x. 44"		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, [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	2 1/2" diam.		Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing	3' 6" Spacing.		Thickness of Plating abreast Deck openings in way of Wells		
Web frames every 7th. frame	11"x. 30"	Face angles	Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds	2 1/2"x 3 1/2"x. 30 half round bars	face angles in lieu of	Thickness of Plating within line of openings		
" " " " "			If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing			Stringer Plate, breadth and thickness	None	
Plating, thickness of			If Plated, state thickness		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness	None	
Stringer Plate, breadth and thickness in Wells	52"x. 28"		If Plated, state thickness		
" " " " in way of Bridge			Poop Deck.		
" Angle in Wells	4"x3"x. 30"		Stringer Plate, breadth and thickness	None	
Thickness of Plating abreast Deck openings in way of Wells	. 28		Plating, Sheathing, material and thickness		
Thickness of Plating abreast Deck openings in way of Bridge			Bridge Deck.		
Thickness of Plating within line of openings	. 25		Stringer Plate, breadth and thickness	None	
If Sheathed, material and thickness	None		Plating, Sheathing, material and thickness		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	None		Stringer Plate, breadth and thickness	None	
			Plating, Sheathing, material and thickness		

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES State if jogged? <u>No</u>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.								
FLAT PLATE KEEL	36	• 40	• 36	• 36		D. R.	$\frac{3}{4}$ "	3"	T. R.	$\frac{3}{4}$ "	2 $\frac{5}{8}$ "	Lapped
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes <u>One</u>	A	• 30"	• 26	• 26		S. R.	$\frac{5}{8}$ "	2 $\frac{1}{2}$ "	D. R.	$\frac{5}{8}$ "	2 $\frac{1}{2}$ "	"
BILGE PLATING, No. of Strakes <u>One</u>	B	• 30	"	"		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes <u>One</u>	C	• 30	"	"		"	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells.....	D 41"	• 32	"	"		"	"	"	"	"	"	"
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 BULKHEAD, Upper tween decks					
" " Second "					
" " Third "					
" " Holds					
COLLISION " (in Hold)		. 35 to 25.5	3.30		
AFTER PEAK "			24"		

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"			
" 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)
Dorman Long, Cargo Fleet, Lanarkshire Steel Co. Wm. Beardmore.

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

Lloyd's Register
Foundation

EQUIPMENT No. 2992-5												LETTER <i>2</i>	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.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Owts.			
88451	1st Bower ...	6	1	12	1	2	12	8	12	2	0	3 1/4) Ordinary (Forged Wrot. Iron)	N. Hingley	Netherton 12/8/26
88453	2nd " ...	6	2	4	1	2	16	8	14	2	0	"		& Sons Ltd.	H. Green
	3rd " ...														
	Collective weight.	12	3	16											
	Stream														

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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Owts.	Length. Diam.					Length. Cir.		Tons.	
78823	60 3/4 1 1/8	11 1/2	17 1/2	22.1.3)	29		120 11/16	Stud	N. Hingley	Netherton	TOWLINE	120	7	Hemp	75 5/8
78824	" " "	"	"	22.1.21)			"	Link	& Sons Ltd.	26/6/26.	HAWSERS & WARPS	120	5	Hemp	90 3
										H. Green.	"				
Iron Stream Chain	45 8/16	-	-	7.1.14	7 1/2		45 8/16	Short	N. Hingley		"				
Steel Wire								Link	& Sons.						

Steering Gear, Steam None Steering Gear, Hand Builders

Boats One 12'0" Dinghy Steering Chains, Size and Test 5/8" diam. Windlass Hand, Builders

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 7x3x7/20 B.A. Thickness of Hatches 2 1/2" O. Pine.

Size of No. 1 Hatchway (Forward) 49'x 13' No. 2 - No. 3 - No. 4 - No. 5 - No. 6 -

Number of Shifting Beams and/or Fore and Afters 4 Shifting beams 3 Fore & Afters.

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.

Freeboard.	\$ 40.00	Fees applied for,	
The amount of Entry Fee £ 4.	\$ 399.00	22/10/1926	
Special Survey Fee.... £ 40.		Received by me,	
Travelling Expenses, if any £	\$ 50.00	29.10.19	

I am of opinion the Vessel should be Classed ☒ 100A Barge for being towed. When a tested stream anchor of 3/4 cwts. is placed on board.

State whether the Vessel has been built under Special Survey Yes Signature *Walter Lang & H. Morrison* per Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Builder Date of issue 26/11/26

Committee's Minute FRI. 26 NOV 1926

Character assigned 100 A Barge for being towed

Lloyd's & Co. P. only

Made self

The Surveyors are requested not to write on or before the Committee's Minute.

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Berg ML 3 6049

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.—

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,		
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 11, 16, 24, 30. July. 7, 12, 29. Aug. 10, 16, 24.
Sept. 2, 22, 30. Oct. 5 & 18. 1926.

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Total No. of Visits 15