

STEEL STEAMER or MOTORSHIP.

Received at London Office

DEC 1926

DISCLOSED

SECTION

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No. 901

Date of completion of report Nov. 2nd 1926

Port of Hong Kong

No. 60540.901
1926

Survey held at Hong Kong

Date First Survey June 8thLast Survey Oct. 30th

On the (State if Machinery fitted with or without Tonnage Opening)

Single Screw Tug "CHANG NAM"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Opening)

Full Scantling

State Type of Erections

None

TONNAGE under Tonnage Deck 121.05

CLASS 100 A1

State if with freeboard as condition of Class

Built at Hong Kong

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

10/8

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 90

Launched 19th Oct. 1926 Yard No. 630

Total

Breadth (greatest moulded) B 21.5

Builders Hong Kong & Whampoa Dock Co. Ltd.

Gross Tonnage 127.44

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 10.0

Owners Messrs. River Tugage & Lighter Co.

Register Tonnage 6.93

1st Longitudinal Number (L x D) = 900

Managers Thos. & Co.

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

REGISTERED DIMENSIONS.

FEET.

Length 90.8

Framing Depth "d" at middle of length. See Sec. 3 (1d) 8.92

Residence Bangkok, Siam.

Breadth 21.7

Proportions—Depth to Length—Uppermost continuous deck to top of keel 9

Port of Registry Bangkok

Depth 9.3

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

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	24" x 8"	
Frame Amidships, Angle, [or]	4 x 2 1/2 x 30		" " top Angles	3 x 3 x 30	
" " Extends up to	7/2 in B.R. + 1/2 in upper deck		" " bottom Angles	3 1/2 x 3 1/2 x 30	
Reversed Frame Amidships, Angle	2 1/2 x 2 1/2 x 26		Side Girders, No. each side and thickness	one 6"	
" " Extends up to	on top of floor		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	4"		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " Third " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem		
Framing in Peaks, Angle or [4 x 3 x 6/20	on plan	Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8" - 4 1/2"	4 x 2 1/2 x 26	INNER BOTTOM PLATING, in E.R.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	75" x 3/4"	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deep Frames 4 x 3 x 6/20		Thickness of remainder in Holds E.R.	6/20	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Maintained to Coll. 8 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?	Yes	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	14 x 26	.36 in B.R.	Uppermost Continuous Deck, amidships in Wells, Angle, [or]	5 x 2 1/2 x 6/20	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or]	" " "	
Middle Line Keelson, on Floors, Angles, [or]	3 1/2 x 3 x 28	.38 in B.R.	Spacing	42"	
" " Through Plate or Intercoastal Plate	32 x 28, B.R. 42		Second Deck, amidships, Angle, [or]		
" " Foundation Plate on Floors	12 x 32 x 28	.42 in B.R.	Spacing		
" " Flat Plate Keel Angles	3 1/2 x 3 1/2 x 30		Third Deck, amidships, Angle, [or]		
Side Keelsons, No. each side	5 x 3 x 38	.48 in B.R.	Spacing		
" " thickness of Intercoastal Plate	26, B.R. 36		Fourth Deck, amidships, Angle, [or]		
" " Angles	Flanged to shell		Spacing		
DOUBLE BOTTOM. in E. Room			Poop Deck, Angle, [or]		
Solid Floors, thickness and spacing	6/20 x 21"		Spacing		
" " Are Frame and Reversed Frame joggled?	Yes		Bridge Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, [or]		
			Spacing		

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PILLARS AND DECKS.			
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....	2 3/8"		
" in 'tween Decks, Size and Spacing.....	6 3/4"	✓	
" " " " " "	✓		
" in Holds " " " "	✓		
" " " " " "	✓		
Centre Line Bulkhead.			
Stiffeners and Spacing.....	✓		
Plating, thickness of	✓		
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells	17" x 30	✓	
" " " " in way of Bridge	✓		
" Angle in Wells	✓		
Thickness of Plating abreast Deck openings) in way of Wells	30	✓	
Thickness of Plating abreast Deck openings) in way of Bridge	✓		
Thickness of Plating within line of openings...	✓		
If Sheathed, material and thickness ..	2"	✓	
Second Deck.			
Stringer Plate, breadth and thickness in Wells...	None	✓	
Third Deck.			
Stringer Plate, breadth and thickness.....	None		
If Plated, state thickness.....	✓		
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 ..	✓		

[illegible]

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)	4
" Deck next below	✓
As per Rule	4 ✓

Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plan or design to be noted.
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	Plating Thickness.	VERTICAL.	HORIZONTAL.	
		Scantlings, Spacing.	Scantlings Spacing	
MIDSHIP BULKHD.	Frame 13 Upper tween decks	35/6 26	4 1/2 x 3 x 34. 30"	✓
"	" Second			
"	" Frame 37 Third	40 5/8 26	5 x 3 x 35. 28"	✓
"	" Holds			
COLLISION	" (in Hold)	40 4/8 26	5 x 3 x 35. 24"	✓
AFTER PEAK	"	45 5/8 30	5 x 3 x 35. 24"	

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, Large Fleet, Lancashire Steel Co. W^m Beardmore
 Has the Steel been tested as required by the Rules? yes

EQUIPMENT No. 2835										LETTER				ANCHORS.							
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE.		Description of Anchor.		Makers.		Where and when tested and Superintendent.	
				Cwts. grs. lbs.			Cwts. grs. lbs.			Tons. cwts. grs. lbs.				Cwts.							
88452		1st Bower ...		4 0 23			1 1 0			6 12 2 0				4		ordinary forged		N. Hingley		Netherthorpe	
88454		2nd " ...		4 0 10			1 0 24			6 10 0 0				4		wooden stock		2 Sons & Co		Aug. 12 th 1926	
		3rd " ...																			
		Collective weight.		8 1 5										8						H. G. Cross	
		Stream																			

Number of Certificate.	Length and size applied.		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.	Tons.	Break- ing lbs.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.	Tons.	Cir.	Tons.	Cir.	Length.	Cir.
18825	60 1/2	14 16	13 3/4	20 5	25-0-3	23 1/2	60	14 16	Strand N. Hingley Line + Smales	Wetherston June 30, 1926		TOWLINE HAWSEYS & WARPS	890 240 60 60	6" 8" 2" 3"	59 33 10.9 6.2	60 60 60 60	5 1/2" 3 1/2" 3" 3"			
Iron (Stream) Chain or Steel Wire											H. S. Green									

Boats *one 16'-0" x 5'-9" x 2'-6"* Steering Chains, Size and Test *58 dia., 45/8 Tons* Windlass *Builder's (Steam)*

2" HW in Bulkhead
Ceiling in Holds, thickness and material Galv. plate 2" Cargo Battens, thickness, material and spacing ✓

Cargo Hatchways.—(Upper Deck).....✓..... **Thickness of Hatches**.....✓.....

Size of No. 1 Hatchway (Forward) ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of **Shifting Beams** and/or **Fore and Afters** 2

Builder's Signature

R. M. Dyer

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans and instructions, the materials & workmanship are, in my opinion satisfactory.*

The peak tanks, double bottom tank, weather deck and bulkheads have been satisfactorily tested.

The freeboard has been verified, but is not cut in,
pending authority from London for the figures assigned here.

Photod
W.W.
9.12.76

The amount of Entry Fee £ 4 = : \$ 41	Fees applied for, 30 th Oct. 1926
Special Survey Fee . . . £ 40 = : \$ 41.2	Received by me, 1. 12. 1926
Freelance £ 4 = \$ 41	
Travelling Expenses, if any — : \$ 7.5	

I am of opinion the Vessel should be Classed 100 A 1 "For
towing services"

State whether the Vessel has been built under Special Survey yes

H.M. Certificate to be sent to H.Kg. Date of issue 10/12/26

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

Committee's Minute

Character assigned *100 A1.*
For Towing Services

FRI, 31 DEC 1926

Lloyd's A.C.P. + dmb 10.26 C.F.

me

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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.)

This 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., E.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, Yark sheathed

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,	8.75	3
Double bottom, under Engines and Boilers,			After peak tank,	8.75	6
Double bottom, if under Engines only,	15.75	12	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		12	(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 8, 21, July 3, 7, 12, 20, 23, 29, Aug 6, 12, 16, 24, 31, Sept 7, 9, 20, 28, Oct. 6, 13, 19, 23, 27th & 30.

Rpt. 4

Date of

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Total No. of Visits 24 Cert. B 1.0-3m, 0.23.

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