

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office

MOR. JUL. 18 1921

State if Report is also sent on the Machinery of the Vessel **Yes**

Date of completion of report **May 21st. 1921.**

Port of **Hong Kong**

No. **5138**

Survey held at **Hong Kong**

Date, First Survey **Aug. 18th. 1920**

Last Survey **May 18th. 1921**

1921

On the (State if Single, Twin, or Triple Screw) **Steel Twin Screw Salvage Tug "HENRY KESWICK"**

Rig **-**

TONNAGE under **535.31**

CLASS **X100A1**

FEET.

Master **Not appointed**

Tonnage Deck **535.31**

Breadth (greatest moulded) **34**

✓

Year of appointment

(1) As Master in service of owner of present vessel: 191
(2) As Master of this vessel: 191

Do. between Tonnage Dk. and 3rd and 4th Dk. **535.31**

Depth, at middle of length from top of keel to top of upper deck beams at side **17**

✓

Built at **Hong Kong**

Total under Upper Dk. **535.31**

Transverse Number **51**

✓

When built **1921** Launched **Feb. 21st. 1921**

Do. of Poop **37.81**

Length on deck from fore part of stem to after part of stern post **165**

✓

By whom built **Hong Kong & Whampoa Dock Co. Ltd.**

Do. of Forecastle **50.76**

Longitudinal Number **8415**

✓

Owners **Hong Kong & Whampoa Dock Co. Ltd.**

Do. of Houses on Dk. **47.39**

Depth "d," at middle of length (See Secs. 2 & 13) **15 & 13.25**

✓

Managers **-**

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

Do. of excess of Hatchways **671.27**

Proportions—Depths to Length—Upper Deck Beam at side to top of keel **9.706**

✓

Residence **Hong Kong**

Gross Tonnage **671.27**

Do. of Poop **37.81**

✓

Port belonging to **Hong Kong**

Less Crew Space **618.02**

Destined Voyage **-**

If Surveyed while Building, Afloat, or in Dry Dock **Building & Afloat**

Less above Crown of Engine Room **618.02**

Do. of Poop **37.81**

✓

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	One
165	0	3	34	0	0	Do. do. do. do. Second Dk. Beams	15	9	No. of Tiers of Beams	One

Dimensions of Ship per Register, Length	164.75	Breadth	34.13	depth	14.3	Moulded depth, ft.	ins.	To Bridge Dk.	Round of Upper	9	ins.
						Moulded depth, ft.	17	ins.	To Upper Dk.	Dk. Beam, Actual	

FRAMING.				PILLARS.			
	Inches in Ship	Inches in Ship	Inches in Ship		Inches in Ship	Inches in Ship	Inches in Ship
FRAME, Angles, or E or L Bars amidships	6 1/2	3	40	PILLARS In 'tween Deck, size and spacing	as approved	✓	3 1/2
Do. in peaks	5	3	3 1/2	" " Hold	"	"	
Do. in way of Double Bottoms at Solid Floors	3	3	5/16	" Quarter 'tween Dks.,	"	"	
" " at intermdt. Bkts.	4	3	3 1/2	" in Hold	"	"	
Spacing of Frames from centre to centre amidships	22"	✓	22"	KEELSONS & STRINGERS.			
" " " from 1/2 length to Collision bulkhead	22"	✓	22"	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	27"	x .45	27"
" " " in peaks	22"	✓	22"	" Rider Plate	Bar Keel	✓	Bar Keel
EVERSED FRAME, Angles	3	3	5/16	" Flat Plate Keel Angles	12"	x .45	12"
Do. in way of Double Bottoms at Solid Floors	4	3	3 1/2	" Horizontal Plates on Floors	Two	4	3 1/2
" " at intermdt. Bkts.	6 1/2"	✓	6 1/2"	" Angles or Bulb Angles	Two	4	3 1/2
FRAMING, depth of girder	24"	x .40	24"	SIDE KEELSONS, Number	Two	4	3 1/2
LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	50BS	✓	45BS	" Angles or Bulb Angles	Double	4	3 1/2
" in way of Engine and Boiler Spaces	50BS	✓	45BS	" Plate above floors, for Full length	3 1/4	45	45
" thickness at the ends of vessel	as approved		as approved	" Intercoastal Plate, for 3/4 length	3	3 7/16	3
" depth at 1/2 the half breadth, as per Rule	-		-	" Attached to outside Plating with Angle	3	3 7/16	3
" height extended at the Bilges	-		-	BILGE KEELSON, Angles			
LOORS in Cell. Double Bottoms	No	✓	No	" Intercoastal Plate for length			
" state if flanged (top & bottom)	4 1/4"	✓	4 1/4"	" Attached to outside Plating with Angle			
" Spacing of Solid floors	45	36	40	SIDE STRINGERS, Number	Two	4	3 1/2
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	45	36	40	" Angle	4	3	3 1/2
" Angles, Top	3	3	3 1/2	" Intercoastal Plate, for Continual length	3	3	3 1/2
" Bottom	Bar Keel	✓	Bar Keel	" Attached to outside plating with Angle	3	3	3 1/2
" to Floors	18"	x .35	18"	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	38"	.40	38"
BRACKETS at intermdt. frmg., wdth & thknss	18"	x .35	18"	" " " " (br'dth & thickness in way of Bridge)	3 x 3 7/16	3 x 3 7/16	3 x 3 7/16
DE GIRDERS, number on each side & thickness				" " " " Angle (clear of Bridge)	-	-	-
" state if flanged (top and bottom)				" Tie Plate at sides of Hatchways	-	-	-
" Angles (top and bottom)				" Deck. * Iron or Steel, for Whole lng.	-	.35	.35
" to Floors				" Thickness (clear of Bridge)	-	-	-
MARGIN PLATE, depth (exclusive of flange) and thickness	27"	x .35	18"	" " (in way of Bridge)	-	-	-
" Angle to Outside Plating	3	3	3 1/2	" Wood Deck. Material & thickness	None	✓	-
" Floors	3	3	5/16	Second Deck Stringer Plate, br'dth & thickness			
BRACKETS at intermdt. frmg., wdth & thknss	15	x .35	15	" Angles on ditto, No.			
Height of Outside Brackets above at bilge	12"	✓	12"	" Tie Plates outside Hatchways			
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	48	x .35	48	" Deck. * Iron or Steel, for lng.			
" in Engine and Boiler space	-		-	" Wood Deck. Material & thickness			
" Remainder in Holds	-		-	Third Deck Stringer Plate, br'dth & thickness			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	3	35	" Angles on ditto, No.			
" In way of Long Bridge	22"	✓	22"	" Tie Plates, outside Hatchways			
" Spacing				" Deck. * Material and thickness			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				Fourth and Fifth Deck Stringer Plate, breadth & thickness			
" Spacing				" Angles on ditto, No.			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" Tie Plates outside Hatchways			
" Angles on upper edge				" Deck. Material & thickness			
" Spacing				Poop Deck Stringer Plate, breadth & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" Angle on ditto			
" Angles on upper edge				" Tie Plates			
" Spacing				" Deck. Material and thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				Bridge Deck Stringer Plate, br'dth & thickness			
" Angles on upper edge				" Angle on ditto			
" Spacing				" Tie Plates			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" Deck. Material and thickness			
" Angles on upper edge				Forecastle Deck Stringer Plate, br'dth & th'kns	18"	.30	18"
" Spacing				" Angle on ditto	3 x 3 5/16	3 x 3 5/16	3 x 3 5/16
	5 1/2	3 1/2	3 1/2	" Tie Plates	Steel	.25	.25
	22"	✓	22"	" Deck. Material and thickness	Teak	2 1/2"	2 1/2"

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop - ft., R.Q.D. - ft., Bridge - ft., Forecastle **28.6** ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated -

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) **One Deck Steel**

Official No. ; Signal Letters State if Machinery is fitted aft **Amidships**
How are the surfaces preserved from oxidation? Inside **Coated & cemented** Outside **Red lead & Anti Cor. Pai**

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors **Cellular**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, Deep Tank Aft	18.33	35	Fore peak tank,	15	16
Double bottom, under Engines and Boilers Bunker	24	36	After peak tank,	16.5	74
Double bottom, if under Engines only (Feed Tank)	18.33	16	Deep tank, aft,		
Double bottom, if under Boilers only Deep Tank Ford.	24	89	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
	Total capacity of double bottom	176			

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

State whether the above have been tested as required by the Rules. **Yes**

Order for Special Survey No. **1920 Aug. 18, 24, 27, 30, Sept. 1, 3, 6, 8, 10, 15, 17, 20, 21, 23, 27, 29, Oct. 4, 7, 12, 14, 16, 19, 21, 23, 25, 29 Nov. 2, 4, 8, 10, 13, 19, 22, 24, 26, 30 Dec. 2, 6, 8, 10, 13, 17, 21, 22, 24, 27, 29.**
Date **Nov. 14th. 1919**
No. **575** in builder's yard. **1921 Jan. 4, 7, 10, 12, 17, 20, 24, 27, 31 Feb. 5, 13, 21, 25 Mar. 4, 12, Apr. 12, 14, 18, 22, May 2, 4, 8, 13, & 18 th.**

Surveyor's Signature

John S. Gardiner

Total No. of Visits **71**

Lloyd's Register Foundation