

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London Office THU. JUN. 25 1914.

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

Yes.

Date of completion of report 24 June 1914.

Port of West Hartlepool

No. 14921

Survey held at West Hartlepool

Date, First Survey 29 Sept 1913.

Last Survey 24 June 1914

On the (State if Single, Twin, or Triple Screw)

Skeel single screw Steamer "CITY OF RANGOON" (Gray's Patent) Schooner

TONNAGE under

Tonnage Deck

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

Total under Upper Dk. 6304.57

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge Houses in

Do. of Forecastle House in

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

CLASS 100 A.1.

FEET.

Breadth (greatest moulded) 55.00

Depth, at middle of length from top of keel to top of upper deck beams at side 34.00

Transverse Number 89.00

Length on deck from fore part of stem to after part of stern post 144.85

Longitudinal Number 3913.65

Depth "d," at middle of length (See Secs. 2 & 13) 19.9

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.02

" " Long Bridge Deck Beam at side to top of keel 10.42

Destined Voyage Glasgow. If Surveyed while Building, Afloat, & in Dry Dock Yes.

Master J. MAYALL.

Year of appointment 1897

Built at West Hartlepool

When built 1914 Launched 9th April 1914

By whom built W. Gray and Co. Ld.

Owners Ellerman Lines Ld.

Managers

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

Residence London

Port belonging to Liverpool

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
442	10	4	55	0	31	4	20	10	Two

Dimensions of Ship per Register, Length 443' breadth 55.35' depth 31.25' Moulded depth, ft. 42 ins. 6 To Bridge Dk. Round of Upper 13 1/2 ins. Moulded depth, ft. 34 ins. 0 To Upper Dk. Dk. Beam, Actual

FRAMING.						PILLARS.					
FRAME, Angles or E or L Bars amidships						PILLARS, In 'tween Deck, size and spacing					
Do. in peaks (L 4 1/2 x 3 1/2 in. A. Peak, F.P.)	12	3 1/2	58	12	3 1/2	10	14	10	14	10	14
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	14	60	14	60	14	60
" " at intermdt. Bkts.	3 1/2	3 1/2	42	3 1/2	3 1/2	as per approved plan of Pillars and Girders					
Spacing of Frames from centre to centre amidships	36			36							
" " from 1/2 length to Collision bulkhead	24			24							
" " in peaks	24			24							
REVERSED FRAME, Angles						KEELSONS & STRINGERS.					
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	Cellular Double Bottom					
" " at intermdt. Bkts.	3 1/2	3 1/2	42	3 1/2	3 1/2						
FRAMING, depth of girder	12			12							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships											
" in way of Engine and Boiler Spaces	E. 4 1/2, B. 6 1/2	IRON	E. 4 1/2, B. 6 1/2	IRON		Two in No. 1 and 4 holds only. Scantlings as per Profile.					
" thickness at the ends of vessel											
" depth at 1/2 the half breadth, as per Rule											
" height extended at the Bilges											
FLOORS in Cell. Double Bottoms						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)					
" state if flanged (top & bottom)	40			40							
" Spacing of Solid floors	42		36	42							
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	45		54	45							
" Angles, Top	3 1/2	3 1/2	52	3 1/2	3 1/2	Second Deck Stringer Plate, br'dth & thickness					
" " Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2						
" " to Floors	3 1/2	3 1/2	44	3 1/2	3 1/2						
" Brackets at intermdt. frmng., wdth & thcknss	39		42	39							
SIDE GIRDERS, number on each side & thickness						Third Deck Stringer Plate, br'dth & thickness					
" state if flanged (top and bottom)	40			40							
" Angles (top and bottom)	3 1/2	3 1/2	44	3 1/2	3 1/2						
" " to Floors	3	3	42	3	3						
MARGIN PLATE, depth (exclusive of flange) and thickness						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
" Angle to Outside Plating	4	4	50	4	4						
" " Floors	3 1/2	3 1/2	44	3 1/2	3 1/2						
" Brackets at intermdt. frmng., wdth & thcknss	39		42	39							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						Poop Deck Stringer Plate, breadth & thickness					
" in Engine and Boiler space	E. 5 1/4, B. 6 1/4	IRON	E. 5 1/4, B. 6 1/4	IRON							
" " Remainder in Holds											
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3	48	9	3	Bridge Deck Stringer Plate, br'dth & thickness					
" In way of Long Bridge	9	3	48	9	3						
" Spacing	36	24	as per Profile								
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3 1/2	50	10	3 1/2						
" Spacing	36	24	as per Profile			Forecastle Deck Stringer Plate, br'dth & th'kns					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" Angles on upper edge											
" Spacing											
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 1/2	3	44	4 1/2	3	If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.					
" Angles on upper edge in way of 2nd St.	4	3	40	4	3						
" Spacing	36	24	as per Profile								
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	48	8 1/2	3						
" Angles on upper edge						Foundation					
" Spacing	36			36							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	42	8	3						
" Angles on upper edge	4	3	40	4	3						
" Spacing	24	24	as per Profile								



C.S. Head No. 882,879,1774 tested at Düsseldorf.

WEB FRAMES.				FORGINGS or CASTINGS.			
Inches in Ship.				Inches in Ship.			
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
" " " " " " " " " " " "				STEM, moulding and thickness			
WEB-FRAMES, In E. & B. Space, No. & spacing				STERN-POST for Rudder do. do.			
" " " " " " " " " " " "				" " " " " " " " " " " "			
WEB-FRAMES, In After Body, No. and spacing				RUDDER-A x D* Table 22. Speed 10.2 under 12 knots			
" " " " " " " " " " " "				" " " " " " " " " " " "			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				" " " " " " " " " " " "			
BULKHEADS.				RUDDER, how constructed			
W.T. BULKHEADS				" " " " " " " " " " " "			
" COLLISION "				" " " " " " " " " " " "			
PARTITION "				" " " " " " " " " " " "			
LONGITUDINAL "				" " " " " " " " " " " "			
Are the outside Plates doubled two spaces of Frames in length?				Are the Steel been tested as required by the Rules?			
PLATING.				RIVETING.			
STRAKES.				EDGES.			
AS IN SHIP.				ORDINARY or JOGGED?			
PER RULE OR AS APPROVED.				BUTTS.			
AMIDSHIP.				IF LAPPED.			
Breadth, Thickness.				Breadth, Thickness.			
Forward, Aft.				Breadth, Thickness.			
Flat Plate Keel				Double			
State actual thickness in way of Double Bottom.				Single			
B				Double			
C				Single			
D				Double			
E				Single			
F				Double			
G				Single			
H				Double			
J				Single			
K				Double			
L				Single			
M				Double			
N				Single			
O				Double			
P				Single			
Q				Double			
R				Single			
S				Double			
T				Single			
U				Double			
V				Single			
W				Double			
THICKNESS OF STRAKE				THICKNESS OF STRAKE			
CLEAR OF LONG BRIDGE				CLEAR OF LONG BRIDGE			
DO. OF STRAKE BELOW				DO. OF STRAKE BELOW			
DELEG. of Flat Plate Keel				DELEG. of Flat Plate Keel			
Sheerstrakes				Sheerstrakes			
Length and thickness				Length and thickness			
POOP SIDES				POOP SIDES			
FORECASTLE SIDES				FORECASTLE SIDES			
Upper Deck				Upper Deck			
Stringer Plate				Stringer Plate			
Second Deck				Second Deck			
Stringer Plate				Stringer Plate			
FRAMES extend in one length from				FRAMES extend in one length from			
REVERSED FRAMES on floors and frames extend from Centre Line to margin				REVERSED FRAMES on floors and frames extend from Centre Line to margin			
MASTS, SPARS, &c.				MASTS, SPARS, &c.			
LOWER MASTS				LOWER MASTS			
Fore				Fore			
Main				Main			
Mast				Mast			
Topmasts, Yards and Remainder of Spars				Topmasts, Yards and Remainder of Spars			
Rigging, Material and Size, Shrouds				Rigging, Material and Size, Shrouds			
Sails				Sails			

EQUIPMENT No. 41830.96 LETTER b7				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.				Weight, Ex. Stock.				Test, Per Certificate.			
21772				1st Bower				Byers Stockless			
21750				2nd				" "			
21778				3rd				" "			
17945				4th				" "			
17940				Collective weight				" "			
Stream				Kedge				Common			
CHAIN CABLES.				HAWERS and WARPS.				HAWERS and WARPS.			
Number of Certificate.				Length and size supplied.				Length and size supplied.			
6983				300				300			
120				5				5			
Boats Two 29ft. lifeboats				Steering Gear, Steam				Steering Gear, Hand			
Pumps, Number				Windlass is				Capstan			
Engine Room Skylights				Coal Bunker Openings				How are lids secured?			
Number of Scuppers				Ceiling in Holds, thickness and material				Cargo Hatchways			
State size No. 1 Hatch				No. 2 Hatch				No. 3 Hatch			
Number of Web Plates				No. of Breasthooks				No. of Crutches			
Bulwarks, height above deck				Main Rail, material and size				The foregoing is a correct description.			
Builder's Signature				Surveyor's Signature				Surveyor to Lloyd's Register of British and Foreign Shipping.			
Correspondence				Workmanship				Is the riveted work properly closed?			
Are the liners between the frames and plates solid single pieces?				Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?				Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces?			
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?				State results of tests				Satisfactory.			
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?				State results of tests				Satisfactory.			
General Remarks				The ship screw steamer has been built in accordance with the approved plans of midship section, Profile etc., the Secretary's letters of the above mentioned date bearing upon the case, and in other respects as required by the Rules and circulars for the class contemplated.				The workmanship is good throughout. Vessel has been placed in Dry Dock. Bottom and Rudder cleaned, examined and recoated. Vessel is fitted with a Marconi Installation of Wireless Telegraphy.			
N.B.				Damage stated to have been sustained whilst proceeding on Trial Trip please refer to separate report forwarded herewith. (W. H. P. Rpt. 14922.)							
The Surveyor should state the Number of Report and Name of any Sister Vessel.				Plans to be forwarded with F.E. Report showing vessel as built.							
The amount of Entry Fee				Special Survey Fee				Travelling Expenses, if any			
State whether the Vessel has been built under Special Survey				I am of opinion this Vessel should be Classed				With, or without Freeboard, as condition of Class			
Committee's Minute				Character assigned							
Lloyd's and C.O.				+ 2nd 6.14							



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 103.7 ft., R.Q.D.        ft., Bridge 165 ft., Forecastle 83.3 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) Two decks of steel  
Official No. 135582; Signal Letters        State if Machinery is fitted aft no.

How are the surfaces preserved from oxidation? Inside Portland Cement and Paint Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>162</u>	<u>554</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<u>42</u>	<u>204</u>	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,	<u>24</u>	<u>808</u>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>188.3</u>	<u>739</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>1497</u>	(If necessary, furnish further information by sketch.)		

\* 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. 2466.

Date 28.8.13.

No. 842 in builder's yard.

DATES of Surveys held while building

1913 Sep 29.30. Oct 10.17.21.24.27.29.30 Nov. 4.6.7.11.12.13.15.17.18.20.21.25.27. Dec. 1.3.5.8.10  
11.15.16.18.23. 1914 Jan 7.14.19.20.21.23 Feb 3.4.5.10.11.13.17.20.25.26.27. Mar 2.3.4.5.6.7.9.10  
11.13.14.16.18.19.20.23.24.25.27.30.31 April 3.6.7.9.15.16.17.27 May 1.7.11.15.19.20.22.26  
27.28.29 June 3.4.5.6.8.11.17.19.24

Total No. of Visits 98

Surveyor's Signature William M. Ward & Jas. W. Stuart

Sails None.