

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office

TUE JUN 29 1920

Date of completion of report  
Survey held at *Chesley*

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

Port of *Liverpool*

No. *80885*

Date, First Survey *July 29<sup>th</sup> 1919* Last Survey *June 16<sup>th</sup> 1920*

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

*T. P. TILLING*

Rig *Schooner*

TONNAGE under  
Tonnage Deck.

CLASS *100A.1.*

FEET.

Master *R. Mc Cann*

Year of appointment

(1) As Master in service of  
owner of present vessel—19 *08*  
(2) As Master of this  
vessel—19 *20*

Do. of Bridge House  
Do. of Forecastle  
Do. of Houses on Dk.  
Do. of excess of Hatchways  
Do. above Crown of  
Engine Room

Breadth (greatest moulded).....

*25*

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

*16 1/2*

Transverse Number.....

*37.5*

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

*142.0*

Longitudinal Number.....

*5325*

Depth "d," at middle of length (See Secs. 2 & 12).....

*16.0*

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

*11.36*

Beam at side to top of keel

*9.16*

Built at *Chesley*

When built *1920* Launched *4<sup>th</sup> March 1920*

By whom built *James J. Crichton & Co Ltd*

Owners *J. H. Monks (Preston) Ltd*

*Liverpool*

Residence

Port belonging to *Liverpool*

Destined Voyage *Coasting*

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

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH— Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Do. do. do.	Feet.	Inches.	No. of Decks with flat laid No. of Tiers of Beams
<i>142.0</i>	<i>0</i>		<i>25.0</i>	<i>0</i>		<i>16.0</i>	<i>0</i>	<i>0</i>	<i>1</i>
Dimensions of Ship per Register, Length <i>142.3'</i> breadth <i>25.25'</i> depth <i>11.4'</i>									
Moulded depth, ft. <i>15</i> ins. <i>6</i> To <i>Upper Dk.</i> Round of Upper <i>6</i> ins.									
Moulded depth, ft. <i>12</i> ins. <i>6</i> To <i>Upper Dk.</i> Dk. Beam, Actual									
FRAMING.									
FRAME, Angles, or <i>E</i> or <i>L</i> Bar amidships	<i>3</i>	<i>3</i>	<i>28</i>	<i>3</i>	<i>3</i>	<i>28</i>			
Do. in peaks	<i>3 1/2</i>	<i>3</i>	<i>28</i>	<i>3 1/2</i>	<i>3</i>	<i>28</i>			
Do. in way of Double Bottoms at Solid Floors									
Do. in way of Double Bottoms at intermdt. Bkts.									
Spacing of Frames from centre to centre amidships	<i>21</i>			<i>21</i>					
Do. in way of Double Bottoms at Solid Floors	<i>21</i>			<i>21</i>					
Do. in way of Double Bottoms at intermdt. Bkts.	<i>21</i>			<i>21</i>					
REVERSED FRAME, Angles	<i>2 1/2</i>	<i>2 1/2</i>	<i>28</i>	<i>2 1/2</i>	<i>2 1/2</i>	<i>28</i>			
Do. in way of Double Bottoms at Solid Floors	<i>3</i>	<i>3</i>	<i>28</i>	<i>3</i>	<i>3</i>	<i>28</i>			
Do. in way of Double Bottoms at intermdt. Bkts.									
FRAMING, depth of girder	<i>3</i>	<i>3 1/2</i>		<i>3</i>	<i>3 1/2</i>				
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	<i>18</i>	<i>30</i>		<i>18</i>	<i>30</i>				
Do. in way of Engine and Boiler Spaces	<i>18</i>	<i>30</i>		<i>18</i>	<i>30</i>				
thickness at the ends of vessel	<i>18</i>	<i>30</i>		<i>18</i>	<i>30</i>				
depth at $\frac{1}{4}$ the half breadth, as per Rule	<i>18</i>	<i>30</i>		<i>18</i>	<i>30</i>				
height extended at the Bilges									
FLOORS in Cell. Double Bottoms									
state if flanged (top & bottom)									
Spacing of Solid floors									
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.									
Angles, Top									
Bottom									
to Floors									
Brackets at intermdt. frmg., wdth & thcknss									
SIDE GIRDERS, number on each side & thickness									
state if flanged (top and bottom)									
Angles (top and bottom)									
to Floors									
MARGIN PLATE, depth (exclusive of flange) and thickness									
Angle to Outside Plating									
Floors									
Brackets at intermdt. frmg., wdth & thcknss									
Height of Outside Brackets above at bilge									
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake									
in Engine and Boiler space									
Remainder in Holds									
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>5</i>	<i>3</i>	<i>30</i>	<i>5</i>	<i>3</i>	<i>30</i>			
In way of Long Bridge									
Spacing	<i>21</i>			<i>21</i>					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>5</i>	<i>3</i>	<i>30</i>	<i>5</i>	<i>3</i>	<i>30</i>			
Spacing	<i>21</i>			<i>21</i>					
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									
Angles on upper edge									
Spacing									
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>4 1/2</i>	<i>3</i>	<i>30</i>	<i>4 1/2</i>	<i>3</i>	<i>30</i>			
Angles on upper edge									
Spacing	<i>21</i>			<i>21</i>					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>4 1/2</i>	<i>3</i>	<i>30</i>	<i>4 1/2</i>	<i>3</i>	<i>30</i>			
Angles on upper edge									
Spacing	<i>21</i>			<i>21</i>					
PILLARS.									
PILLARS In 'tween Deck, size and spacing	<i>2 1/2</i>	<i>42</i>	<i>2 1/2</i>	<i>42</i>					
Hold									
Quarter 'tween Dks.									
in Hold									
KEELSONS & STRINGERS.									
CENTRE LINE KEELSON, Vertical Plate above Floors, Through Plate, or Intercoastal Plate	<i>2 1/2</i>	<i>34</i>	<i>2 1/2</i>	<i>34</i>					
Rider Plate	<i>12</i>	<i>34</i>	<i>12</i>	<i>34</i>					
Flat Plate Keel Angles	<i>3 1/2</i>	<i>32</i>	<i>3 1/2</i>	<i>32</i>					
Horizontal Plates on Floors									
Angles on Bulb Angles	<i>3 1/2</i>	<i>30</i>	<i>3 1/2</i>	<i>30</i>					
SIDE KEELSONS, Number	<i>Two</i>		<i>Two</i>						
Angles on Bulb Angles	<i>3 1/2</i>	<i>30</i>	<i>3 1/2</i>	<i>30</i>					
Plate above floors, for length									
Intercoastal Plate, for whole length		<i>30</i>		<i>30</i>					
Attached to outside Plating with Angle	<i>3</i>	<i>30</i>	<i>3</i>	<i>30</i>					
KEELSON, Angles	<i>3</i>	<i>30</i>	<i>3</i>	<i>30</i>					
Intercoastal Plate for length									
Attached to outside Plating with Angle									
SIDE STRINGERS, Number									
Angle									
Intercoastal Plate, for length									
Attached to outside plating with Angle									
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>63</i>	<i>36</i>	<i>63</i>	<i>36</i>					
br'dth & thickness (in way of Bridge)	<i>63</i>	<i>44</i>	<i>63</i>	<i>44</i>					
Angle (clear of Bridge)	<i>3</i>	<i>40</i>	<i>3</i>	<i>40</i>					
Tie Plate at sides of Hatchways									
Deck, Iron or Steel, for whole lng.									
Thickness (clear of Bridge)		<i>28</i>		<i>28</i>					
(in way of Bridge)									
Wood Deck, Material & thickness									
Deck Stringer Plate, br'dth & thickness	<i>45</i>	<i>34</i>	<i>45</i>	<i>34</i>					
Angles on ditto, No.	<i>3</i>	<i>40</i>	<i>3</i>	<i>40</i>					
Tie Plates outside Hatchways									
Deck, Iron or Steel, for whole lng.									
Wood Deck, Material & thickness									
Third Deck Stringer Plate, br'dth & thickness									
Angles on ditto, No.									
Tie Plates, outside Hatchways									
Deck, Material and thickness									
Fourth and Fifth Deck Stringer Plate, breadth & thickness									
Angles on ditto, No.									
Tie Plates outside Hatchways									
Deck, Material & thickness									
Poop Deck Stringer Plate, breadth & thickness									
Angle on ditto									
Tie Plates									
Deck, Material and thickness									
Bridge Deck Stringer Plate, br'dth & thickness	<i>14</i>	<i>24</i>	<i>14</i>	<i>24</i>					
Angle on ditto	<i>3</i>	<i>28</i>	<i>3</i>	<i>28</i>					
Tie Plates	<i>9</i>	<i>24</i>	<i>9</i>	<i>24</i>					
Deck, Material and thickness	<i>P.P.</i>	<i>2 1/2</i>		<i>2 1/2</i>					
Forecastle Deck Stringer Plate, br'dth & th'kns	<i>45</i>	<i>24</i>	<i>45</i>	<i>24</i>					
Angle on ditto	<i>3</i>	<i>28</i>	<i>3</i>	<i>28</i>					
Tie Plates		<i>24</i>		<i>24</i>					
Deck, Material and thickness		<i>P.P.</i>		<i>P.P.</i>					



WEB FRAMES.				FORGINGS or CASTINGS.			
WEB-FRAMES, In Fore Body, No. and spacing brdth. & thickness No. of Side Stringers				WHEEL, Bar, depth and thickness STEM, moulding and thickness STERN-POST for Rudder do. do. for Propeller RUDDER—A * D Table 22. Speed Main-Piece, diameter at head at heel			
WEB-FRAMES, In E. & B. Space, No. & spacing brdth. & thickness WEB-FRAMES, In After Body, No. and spacing brdth. & thickness No. of Side Stringers Size of Face Angles to Web-Frames BRACKET PLATES to Stringers between Web Frames, depth and thickness				RUDDER, how constructed Thickness of Plates or Single Plate Can the Rudder be shipped afloat? Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. Has the Steel been tested as required by the Rules?			
BULKHEADS.				STIFFENERS.			
W.T. BULKHEADS				STIFFENERS			
COLLISION				LONGITUDINAL			
Are the outside Plates doubled two spaces of Frames in length?				Are the Sluice Valves and Watertight Doors in efficient working order?			
PLATING.				RIVETING.			
STRAKES.				EDGES.			
AS IN SHIP.				PER RULE OR AS APPROVED.			
FLAT PLATE KEEL				GARBOARD OF A STRAKE			
B				C			
D				E			
F				G			
H				I			
J				K			
L				M			
N				O			
P				Q			
R				S			
T				U			
V				W			
X				Y			
Z				AA			
AB				AC			
AD				AE			
AF				AG			
AH				AI			
AJ				AK			
AL				AM			
AN				AO			
AP				AQ			
AR				AS			
AT				AU			
AV				AW			
AX				AY			
AZ				BA			
BB				BC			
BD				BE			
BF				BG			
BH				BI			
BJ				BK			
BL				BM			
BN				BO			
BP				BQ			
BR				BS			
BT				BU			
BV				BW			
BX				BY			
BZ				CA			
CB				CC			
CD				CE			
CF				CG			
CH				CI			
CJ				CK			
CL				CM			
CN				CO			
CP				CQ			
CR				CS			
CT				CU			
CV				CW			
CX				CY			
CZ				DA			
DB				DC			
DD				DE			
DF				DG			
DH				DI			
DJ				DK			
DL				DM			
DN				DO			
DP				DQ			
DR				DS			
DT				DU			
DV				DW			
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DZ				EA			
EB				EC			
ED				EE			
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EL				EM			
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EP				EQ			
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ET				EU			
EV				EW			
EX				EY			
EZ				FA			
FB				FC			
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FE				FG			
FH				FI			
FI				FJ			
FJ				FK			
FK				FL			
FL				FM			
FM				FO			
FO				FP			
FP				FQ			
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GV				GW			
GW				GX			
GX				GY			
GY				GZ			
GZ				HA			
HA				HB			
HB				HC			
HC				HD			
HD				HE			
HE				HF			
HF				HG			
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IC				ID			
ID				IE			
IE				IF			
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IH				II			
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IN				IO			
IO				IP			
IP				IQ			
IQ				IR			
IR				IS			
IS				IT			
IT				IU			
IU				IV			
IV				IW			
IW				IX			
IX				IY			
IY				IZ			
IZ				JA			
JA				JB			
JB				JC			
JC				JD			
JD				JE			
JE				JF			
JF				JG			
JG				JH			
JH				JI			
JI				JJ			
JJ				JK			
JK				JL			
JL				JM			
JM				JN			
JN				JO			
JO				JP			
JP				JQ			
JQ				JR			
JR				JS			
JS				JT			
JT				JU			
JU				JV			
JV				JW			
JW				JX			
JX				JY			
JY				JZ			
JZ				KA			
KA				KB			
KB				KC			
KC				KD			
KD				KE			
KE				KF			
KF				KG			
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KH				KI			
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KX				KY			
KY				KZ			
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LA				LB			
LB				LC			
LC				LD			
LD				LE			
LE				LF			
LF				LG			
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NX				NY			
NY				NZ			
NZ				OA			
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OB				OC			
OC				OD			
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OE				OF			
OF				OG			
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PA				PB			
PB				PC			
PC				PD			
PD				PE			
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PG				PH			
PH				PI			
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PQ				PR			
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PS				PT			
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PV				PW			
PW				PX			
PX				PY			
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QN				QO			
QO				QP			
QP				QQ			
QQ				QR			
QR				QS			
QS				QT			
QT				QU			
QU				QV			
QV				QW			
QW				QX			
QX				QY			
QY				QZ			
QZ				RA			
RA				RB			
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SO				SP			
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VQ				VR			
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WF				WG			
WG				WH			
WH				WI			
WI				WJ			
WJ				WK			
WK				WL			
WL				WM			
WM				WN			
WN							



GENERAL REMARKS—(continued).

*[Faint handwritten notes and sketches, including a small diagram of a ship's hull section.]*

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ☒ ft., R.Q.D. 86.75 ft., Bridge 8.75 ft., Forecastle 22.2 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 should appear in the Register Book) 1 Deck (Steel)

Official No. 143645; Signal Letters ☒

State if Machinery is fitted aft ☒

How are the surfaces preserved from oxidation? Inside Cement + 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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	—	—	Fore peak tank,	—	14
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	39
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	14	45
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.

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

Order for Special Survey No. 1137

Date 22 July 1919

No. 294 in builder's yard.

DATES of Surveys held while building

1919 July 29, Aug 14, Oct 28, Nov 12, 24, Dec 18, ~~20~~  
1920 Jan 23, Feb 4, 25, Mar 4, 15, Apr 16, May 4, 11, June 1, 8, 16.

Surveyor's Signature

Geo. L. Lytle

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