

# With or Without Disconnected Erections.

## STEEL STEAMER.

400  
FRI. 28 MAR. 1919

Received at London Office

Date of completion of report

Survey held at *Beverley & Hull*

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

24-3-19 Port of *Hull*

Date, First Survey *Mar 19/18* Last Survey *Mar 17/19*

No. *30986*

*Mar 17/19*

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

TONNAGE under *248.83*

Tonnage Deck...

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

Total under Upper Dk.

Do. of Poop *11.80*

Do. of R.Q.Dk. *BREAK 5.87*

Do. of Bridge House *CHART 10.94*

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of Engine Room *12.72*

Gross Tonnage *290.86*

Less Crew Space

Less above Crown of Engine Room *12.72*

TONNAGE FOR FEES *277.44*

Engine Room *15.4.71*

Navigation Spaces *8.87*

Master Tonnage *126.58*

cut on Beam

Breadth (greatest moulded) *23.37*

Depth, at middle of length from top of keel to top of upper deck beams at side *13.50*

Transverse Number *36.87*

Length on deck from fore part of stem to after part of stern post *125.00*

Longitudinal Number *H608.75*

Depth "d," at middle of length (See Secs. 2 & 13) *12.16*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *9.26*

Long Bridge Deck Beam at side to top of keel

Master

Year of appointment

Built at *Beverley*

When built *1919* Launched *12/8/18*

By whom built *Cook, Weller & Lunnell*

Owners *British Admiralty*

Managers

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

Residence

Port belonging to

Destined Voyage *Admiralty Service* Surveyed while Building *Yes* Afloat, or in Dry Dock

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	No. of Tiers of Beams
<i>125</i>	<i>0</i>		<i>23</i>	<i>4</i>	<i>2</i>	<i>12</i>	<i>9</i>		<i>one</i>	<i>one</i>

Moulded depth, ft.	<i>13</i>	ins.	<i>6</i>	To Bridge Dk.	Round of Upper Dk. Beam, Actual	<i>7</i>	ins.
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Dimensions of Ship per Register, Length *125.5* breadth *23.5* depth *12.7*

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
NAME, Angles, or <i>E or L</i> Bars amidships	<i>4 1/2</i>	<i>31</i>	<i>9/20</i>	<i>4 1/2</i>	<i>3</i>	<i>9/20</i>	PILLARS, In 'tween Deck, size and spacing	<i>3</i>	<i>da</i>	<i>as arranged</i>			
Do. in peaks	<i>4 1/2</i>	<i>3</i>	<i>9/20</i>	<i>4 1/2</i>	<i>3</i>	<i>9/20</i>	" " Hold						
Do. in way of Double Bottoms at Solid Floors							" " Quarter 'tween Dks.,						
" " at intermdt. Bkts.							" " in Hold						
acing of Frames from centre to centre amidships	<i>21</i>		<i>21</i>				KEELSONS & STRINGERS.						
" " from <i>3/4</i>	<i>21</i>		<i>21</i>				CENTRE LINE KEELSON, Vertical Plate above	<i>8 1/2</i>	<i>1/2</i>	<i>8 1/2</i>	<i>1/2</i>		
" " length to Collision bulkhead	<i>21</i>		<i>21</i>				floors, Through Plate, or Intercoastal Plate						
" " in peaks	<i>3</i>	<i>3</i>	<i>9/20</i>	<i>3</i>	<i>3</i>	<i>9/20</i>	" " Rider Plate						
VERSED FRAME, Angles							" " Flat Plate Keel Angles						
Do. in way of Double Bottoms at Solid Floors							" " Horizontal Plates on Floors	<i>5</i>	<i>3</i>	<i>1/2</i>	<i>5</i>	<i>3</i>	<i>1/2</i>
" " at intermdt. Bkts.							" " Angles on Bulb Angles <i>DOUBLE</i>						
AMING, depth of girder	<i>16</i>		<i>8/20</i>	<i>16</i>		<i>8/20</i>	SIDE KEELSONS, Number						
DOORS, depth and thickness of Floor Plate at mid-line for <i>3/4</i> length amidships							" " Angles or Bulb Angles						
in way of Engine and Boiler Spaces							" " Plate above floors, for length						
thickness at the ends of vessel							" " Intercoastal Plate, for length						
depth at <i>3/4</i> the half breadth, as per Rule							" " Attached to outside Plating with Angle	<i>5</i>	<i>4</i>	<i>8/20</i>	<i>5</i>	<i>4</i>	<i>8/20</i>
height extended at the Bilges							BILGE KEELSON, Angles <i>ONE</i>						
ORS in Cell. Double Bottoms							" " Intercoastal Plate for length						
state if flanged (top & bottom)							" " Attached to outside Plating with Angle						
Spacing of Solid floors							SIDE STRINGERS, Number <i>ONE</i>						
IRE GIRDER, in Dbl. bottom, dpth. & thcknss.							" " Angle <i>ONE</i>	<i>5</i>	<i>4</i>	<i>8/20</i>	<i>5</i>	<i>4</i>	<i>8/20</i>
" " Angles, Top							" " Intercoastal Plate, for length						
" " Bottom							" " Attached to outside plating with Angle						
" " to Floors							Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>24</i>	<i>6</i>	<i>19</i>	<i>24</i>	<i>6</i>	<i>19</i>
Brackets at intermdt. frmg., wdth & thknss							" " " " br'dth & thickness (in way of Bridge)	<i>17</i>	<i>5</i>	<i>16</i>	<i>17</i>	<i>5</i>	<i>16</i>
GIRDERS, number on each side & thickness							" " " " Angle (clear of Bridge)	<i>3</i>	<i>3</i>	<i>3/8</i>	<i>3</i>	<i>3</i>	<i>3/8</i>
state if flanged (top and bottom)							" " Tie Plate at sides of Hatchways	<i>6</i>	<i>16</i>	<i>32</i>	<i>6</i>	<i>16</i>	<i>32</i>
" " Angles (top and bottom)							" " Deck * Iron or Steel, for <i>full</i> lng.						
" " to Floors							" " Thickness (clear of Bridge)						
IN PLATE, depth (exclusive of flange) and thickness							" " (in way of Bridge)						
" " Angle to Outside Plating							" " Wood Deck. Material & thickness						
" " Floors							Second Deck Stringer Plate, br'dth & thickness						
Brackets at intermdt. frmg., wdth & thknss							" " Angles on ditto, No.						
Height of Outside Brackets above at bilge							" " Tie Plates outside Hatchways						
BOTTOM PLATING, breadth and thickness of Middle Line Strake							" " 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						
S, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>5 1/2</i>	<i>3</i>	<i>10/20</i>	<i>5 1/2</i>	<i>3</i>	<i>10/20</i>	" " Angles on ditto, No.						
In way of Long Bridge							" " Tie Plates, outside Hatchways						
Spacing							" " Deck * Material and thickness						
S, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Fourth and Fifth Deck Stringer Plate, breadth & thickness						
Spacing							" " Angles on ditto, No.						
S, 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						
S, 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	<i>4 1/2</i>	<i>3</i>	<i>7/20</i>	<i>4 1/2</i>	<i>3</i>	<i>7/20</i>	" " Deck. Material and thickness <i>STEEL</i>	<i>15</i>	<i>34</i>	<i>15</i>	<i>34</i>		
" " Angles on upper edge							Forecastle Deck Stringer Plate, b'dth & th'kns	<i>3</i>	<i>2 1/2</i>	<i>5</i>	<i>3</i>	<i>2 1/2</i>	<i>5</i>
" " Spacing							" " Tie Plates						
" " Deck. Material and thickness							" " Deck. Material and thickness						

1710-0269 1/2



WEB FRAMES. In Fore Body, No. and spacing brdth. & thickness. No. of Side Stringers. 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.

BULKHEADS. Number. Thickness. STIFFENERS. Single or Double Frames. Height up, state deck.

FORGINGS OR CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. for Propeller. RUDDER-A x D\* Table 22. Speed. Main-Piece, diameter at head. at heel.

RUDDER, how constructed. Thickness of Plates or Single Plate. Can the Rudder be unshipped 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. Consalt & South Durham.

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. UPPER EDGES. BUTTS.

Upper Deck Stringer Plate. Second Deck Stringer Plate. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from.

MASTS, SPARS, &c. LOWER MASTS. Fore. Main. Mizzen. Bowsprit. Topmast, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. LETTER. ANCHORS. TONNAGE U. K. OR PLATING No. FOR TRAWLERS 4609.

Particulars of Drop Test of Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test.

CHAIN CABLES. HAWSERS AND WARPS.

Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch.

Bulwarks, height above deck and description. No. of Breasthooks. No. of Crutches. The foregoing is a correct description. COOK, WELTON & GEMMELL, LTD. Builder's Signature. Surveyor's Signature. Surveyor to Lloyd's Register of Shipping.

Correspondence. State dates and initials of letters respecting this case. Workmanship. Are the butts of plating planed or otherwise fitted? 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? Do any rivets break into or through the seams or butts of the plating? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?

General Remarks (State quality of workmanship, &c.). This vessel has been built in accordance with the approved plans and the Secretary's letters, and in general conformity with the Rules of this Society. The workmanship and materials used throughout are good.

SISTER VESSEL S.S. 'JOHN GRAHAM' R.P. No. 30900.

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. Fees applied for. Received by me. Certificate to be sent to. Date of issue.

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. 100 H.1. Steam Trawler. TUE. SEP. 7 1920. FRI. 17 JUL. 1921. Lloyd's Arb. P. + L.M.C. 3.19.



GENERAL REMARKS—(continued).

WEB-FRA  
WEB-FRA  
WEB-FRA  
BRACKET  
Web Fra  
BULKHE

W.T.BULKH  
FRAME  
FRAME

COLLISI  
PARTITIO  
LONGITUD

Are the outsi  
Are the Sluic

STR

FLAT PLATE  
(If Bar Keel, s  
GARBOARD O

State actual  
thickness in  
way of Double  
Bottom.

SHEER

THICKNESS OF  
CLEAR OF LONG  
DO. OF STE  
DBLG. of Flat  
She  
Length and  
POOP SIDES  
SHORT BRIDGE  
FORECASTLE

Upper De  
Stringer P

Second De  
Stringer P

FRAMES ext  
REVERSED

LOWER MAS

Bowsprit

Topmasts, Y

Rigging, Mat

Sails,

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. <sup>21</sup>75 ft., Bridge ☒ ft., Forecastle <sup>21</sup> 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) <sup>104</sup>

Official No. ; Signal Letters State if Machinery is fitted aft <sup>GLB</sup>  
How are the surfaces preserved from oxidation? Inside <sup>Paint, enamel, & Bitumastole solution</sup> Outside <sup>Paint</sup>

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,			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.

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

Order for Special Survey No. <sup>1</sup>

Date

No. <sup>1400</sup> in builder's yard.

DATES OF SURVEYS  
held while building

1918:—Mar 19. Apr 19. May 19. 10. 29. Jun. 24. 6. 13. 20. 26. July. 2. 15. 16. 22. 29.  
Aug 14. 22. 30. Sep. 3. 9. 12. 18. Oct 1. 11. 23. Nov. 2. 19. 19. Jan 2. Feb 11. Mar 11.

Total No. of Visits <sup>29</sup>

Surveyor's Signature

Matthew Blackwood

Rpt. 4.

Date of writing

No. in Sur  
Reg. Book.  
on

Master

Engines made

Boilers made

Registered

Nom. Horse

ENGINES

Dia. of Cylind

Is the screw

in the prop

between the

liners are fit

Dia. of Tunne

collars <sup>7 1/2</sup>

No. of Feed

No. of Bilge

No. of Donke

In Engine R

also sep

No. of Bilge I

Are all the bil

Are all conn

Are they fix

Are they each

What pipes a

Are all Pipes

Are the Bilge

Is the Screw

BOILERS

Total Heatin

Working Pr

Can each boi

each boiler t

Smallest dista

Thickness <sup>1/2</sup>

long. seams <sup>T</sup>

Per centages o

Size of compen

Length of pla

Working press

Pitch of stays

Material of s

Material <sup>ste</sup>

Area at sma

Thickness <sup>31</sup>

Diameter of t

Pitch across

thickness of g

Working pre

Diameter

Pitch of rivet

SUPERHE

Date of Test

Diameter of S