

1 or 2 Dks., R. Q. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 20,004

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

Received at *NEW YORK* *30 APR 1908*

Date of completion of Report *24-4-08*

Port of *Hull*

Date, First Survey *Nov. 2/07*

Last Survey

April 16th 1908.

Survey held at *Reverley and Hull*
On the **STEAM TUG "KINSMAN."**

Master *Not yet appointed*

Year of appointment

(1) As master in service of
owner of present vessel:—19
(2) As master of this
vessel:—19

Built at *Reverley*

When built *1908*

Launched *22-2-08*

By whom built *Cook, Walton & Gummell Ltd.*

Owners *J. Gray & Co. Ltd.*

Managers

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

Residence *Hull*

Port belonging to *Hull*

TONNAGE under
Tonnage Deck... *116.07*
Do. of Poop
Do. of Raised Or.
Dk. or Break...
Do. of Bridge House
Do. of Parallels
Do. of House on Deck
Do. of excess of Hatchways
Do. above Crown of
Engine Room... *119.31*
Crew Space
above Crown of
Engine Room... *21.63*
Tonnage for Fees... *97.68*
Engine Room... *88.99*
Navigation Spaces... *2.18*
Gross Tonnage
cut on Beam... *6.51*

ONE OR TWO DECKED VESSEL.

CLASS *A*

Half Breadth (moulded) *9.50*

Depth from upper part of Keel to top of Main Deck Bms.
(with the normal round up of beam) *11.39*

Girth of Half Midship Frame (as per Rule) *17.25*

1st Number *38.14*

Length on deck from after part of stem to fore part of
stern post *94.03*

2nd Number *3586*

Proportions—Breadths to Length *4.9*

Depths to Length—Main Deck to top of Keel... *8.2*

Destined Voyage *✓*

If Surveyed while Building, Afloat, & in Dry Dock *yes.*

Dimensions of Ship per Register, Length, *94* breadth, *19.0* depth, *10.0* Moulded Depth, *11* ft. *0* ins. Round of Beam, Actual *4 3/4* ins.

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, <i>7</i> or <i>8</i> Bars, for $\frac{1}{2}$ length amidships		<i>3</i>	<i>2 1/2</i>	<i>5</i>	<i>3</i>	<i>2 1/2</i>	<i>5</i>
Do. for $\frac{1}{2}$ at each end		<i>3</i>	<i>2 1/2</i>	<i>5</i>	<i>3</i>	<i>2 1/2</i>	<i>5</i>
Do. in way of Double Bottoms at Solid Floors.							
" " at intermdt. Bkts.							
acing of Frames from centre to centre		<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>
EVERSED FRAME, Angles		<i>3</i>					
EEP FRAMING, depth of girder		<i>13</i>		<i>5</i>	<i>13</i>		<i>5</i>
LOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships			<i>6 7/8</i>			<i>6 7/8</i>	
" in way of Engines and Boilers							
" thickness at the ends of vessel							
" depth at $\frac{1}{2}$ the half breadth, as per Rule							
" height extended at the Bilges							
LOORS & BRACKETS, in Cell Dble Bottoms							
" " state if flanged (top & bottom)							
" " Spacing							
ENTRE GIRDER, in Double Bottom, depth and thickness							
" " Angles, Top							
" " " Bottom							
IDE GIRDERS, number on each side & thickness							
" " state if flanged (top & bottom)							
" " Angles							
MARGIN PLATE, depth (exclusive of flange) and thickness							
" Angles to Outside Plating							
" Floors							
" Height of Floors at the Bilges							
NNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							
" " thickness in Engine and Boiler space							
" " Remainder in Holds							
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		<i>4</i>	<i>3</i>	<i>7</i>	<i>4</i>	<i>3</i>	<i>7</i>
" Angles on Upper Edge							
" Spacing							
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Hold, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
PILARS, In 'tween Decks, Size and Spacing							
" " Hold							
" " Quarter, 'tween Dks.,							
" " in Hold							
WEB FRAMES, In Fore Body, No. and Spacing							
" " 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 Angles or Tee Bars to Web Frames							
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							

FORGINGS AND CASTINGS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
KEEL, Bar or Side Plates depth and thickness		<i>6 x 1 1/4</i>		<i>6 x 1 1/4</i>		<i>6 x 1 1/4</i>	
STEM, moulding and thickness		<i>6 x 1 1/4</i>		<i>6 x 1 1/4</i>		<i>6 x 1 1/4</i>	
STERN-POST for Rudder do. do.		<i>5 3/4 x 2 1/2</i>		<i>5 3/4 x 2 1/2</i>		<i>5 3/4 x 2 1/2</i>	
" for Propeller		<i>5 3/4 x 2 1/2</i>		<i>5 3/4 x 2 1/2</i>		<i>5 3/4 x 2 1/2</i>	
MAIN PIECE of Rudder, diameter at head		<i>3 1/2</i>		<i>3 1/2</i>		<i>3 1/2</i>	
do. at heel		<i>3 1/2</i>		<i>3 1/2</i>		<i>3 1/2</i>	
RUDDER, how constructed <i>Forged & plated</i>							
Can the Rudder be unshipped afloat? <i>yes.</i>							
KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
" Rider Plate							
" Bulb Plate to Intercoastal Keelson							
" Horizontal Plates on Floors							
" Angles <i>Double</i>		<i>4</i>	<i>4</i>	<i>8</i>	<i>4</i>	<i>4</i>	<i>8</i>
SIDE KEELSON, Angles							
" Bulb or Plate above floors for lng.							
" Intercoastal Plate for length							
" Attached to outside plating with Angle							
BILGE KEELSON, Angles		<i>4</i>	<i>3</i>	<i>8</i>	<i>4</i>	<i>3</i>	<i>8</i>
" Bulb or Plate above floors for lng.							
" Intercoastal Plate for length							
" Attached to outside plating with Angle							
BILGE STRINGER Angles							
" Bulb Plate for length							
" Intercoastal Plate for length							
" Attached to outside plating with Angle							
SIDE STRINGER Angles		<i>4</i>	<i>3</i>	<i>8</i>	<i>4</i>	<i>3</i>	<i>8</i>
" Bulb or Intercoastal Plate for lng.							
" Attached to outside plating with Angle							
Main and Raised Quarter Deck Stringer Plate, breadth and thickness		<i>20</i>	<i>5</i>	<i>20</i>	<i>5</i>	<i>20</i>	<i>5</i>
" Angle on ditto		<i>2 1/2 x 2 1/2</i>	<i>6</i>	<i>2 1/2 x 2 1/2</i>	<i>6</i>	<i>2 1/2 x 2 1/2</i>	<i>6</i>
" Tie Plates, outside Hatchways		<i>6</i>	<i>5</i>	<i>6</i>	<i>5</i>	<i>6</i>	<i>5</i>
" Diagonal Tie Plates on Bms., No. of Pairs							
" Main Dk* Iron or Steel for <i>in way of 8 x 13 openings</i>							
" R. Q. Dk* Iron or Steel for							
" Wood Deck, Material & thickness		<i>2 1/2</i>	<i>fine</i>	<i>2 1/2</i>	<i>fine</i>	<i>2 1/2</i>	<i>fine</i>
Lower Deck Stringer Plate, breadth and thickness							
" Angles on ditto, No.							
" Tie Plates, outside Hatchways							
" Deck* Material and thickness							
Hold Stringer Plate							
" Angles on ditto, No.							
Poop Deck Stringer Plate, breadth & thickness							
" Angle on ditto							
" Tie Plates							
" Deck, Material and thickness							
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness							
" Angle on ditto							
" Tie Plates							
" Deck, Material and thickness							
Forecastle Deck Stringer Plate, brdth & thcknss							
" Angle on ditto							
" Tie Plates							
" Deck, Material and thickness							

BULKHEADS.		Number.	Thickness.	Horizontal.	Vertical.	Single or Double Frames.	Height up.
In Vessel.	Per Rule.	Inches.	Inches.	Inches.	Inches.		
W.T. BULKHEADS	<i>4</i>	<i>4</i>	<i>5</i>	<i>2 1/2</i>	<i>4 8</i>	<i>3 1/2</i>	<i>Double Dk</i>
PARTITION							
LONGITUDINAL							
Are the outside Plates doubled two spaces of Frames in length? <i>yes</i>							
Are the Sluice Valves and Watertight Doors in efficient working order? <i>None.</i>							

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.					AMIDSHIP.					Single or Double.					Double or Treble.				
AMIDSHIP.					FORWARD.					AFT.					RIVETS.				
Breadth.					Thickness.					Breadth.					Thickness.				
Inches.					Inches.					Inches.					Inches.				
FLAT PLATE KEEL	36	6	6	6	36	6	6	6	36	6	6	6	36	6	6	6	36	6	6
GARBOARD OR A STRAKE		5	5	5		5	5	5		5	5	5		5	5	5		5	5
State actual thickness in way of Double Bottom.		5	5	5		5	5	5		5	5	5		5	5	5		5	5
Sheer	34 1/2	6	6	6	34 1/2	6	6	6	34 1/2	6	6	6	34 1/2	6	6	6	34 1/2	6	6
DOUBLING OF FLAT PLATE KEEL																			
Length and thickness of Bilges																			
Length and thickness of Sheerstrakes																			
Length and thickness of Strake below																			
POOP SIDES																			
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING	Seven frame spaces.																		
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, outside Plating, &c. <i>Phaenix Co. and the Gewerkschaft, Deutsche Kaiser Co. & Dornfeldorf.</i>																			
Has the Steel been tested as required by the Rules <i>yes.</i>																			
FRAMES extend in one length from <i>keel</i> to <i>deck</i> state if ordinary or joggled																			
REVERSED FRAMES on floors and frames extend from <i>double in 8 & B space.</i> state if ordinary or joggled																			
MASTS, SPARS, &c.																			
Material. Total length. DIAMETER AND THICKNESS. At Partners. Heel. Hounds. Head. No. of Plates in round. ANGLES. Number. Size. Seams. Riveting. Butts.																			
LOWER MASTS	Fore <i>Pine pole mast</i>																		
Bowsprit	Main <i>"</i>																		
Topmasts, Yards and Remainder of Spars	Mizen <i>"</i>																		
Rigging, Material and Size, Shrouds	<i>2" steel wire</i>																		
Sails	<i>one</i> Suit of Sails and the following spare sails																		
Equipment No. <i>3586</i>	Letter <i>Letter</i>																		
Tonnage U.D.K. or Plating No. for Trawlers																			
ANCHORS.																			
Number of Certificate.	Anchor.	WEIGHT, EX STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 22.	Description of Anchor.	Makers.	Where and when tested and Superintended.											
3183	1st Bower	5 2 0	Stackless	7 16 1 0	Britannia	Sykes & Son	Bradley Heath	24-12-07											
	2nd "	<i>bits of cast steel anchor head wanted for by H. Hauss, Dornfeldorf.</i>																	
	3rd "																		
	Collective weight																		
	Stream	<i>Figure 1 not desired</i>																	
	Kedge																		
CHAIN CABLES.																			
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length & Size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintended.	Material.	Length and size supplied.	Breaking Test of Steel Wire.	Length and size per Table 22.								
33390	60-3/4" 1/4"	8 1/2	12 1/4	15-3-8	Stud	Not stated	17-12-07	Remains	60	6	30	4							
HAWERS AND WARPS.																			
TOWLINE																			
HAWERSAWARPS																			
Boats <i>one</i>																			
Pumps, Number <i>four</i> Diameter of Barrel <i>4"</i> State whether they are in efficient working order <i>yes</i>																			
Windlass is <i>Steam</i> Capstan																			
Engine Room Skylights.—How constructed? <i>Steel, on steel coverings</i>																			
What arrangements for deadlights in bad weather? <i>Bulls eyes in cast iron frames.</i>																			
Coal Bunker Openings.—How constructed? <i>C. Scuttles</i> How are lids secured? <i>Bayonet.</i> Height above deck? <i>Flush.</i>																			
Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>On each side 3 scupper & 3 ports 18" x 9."</i>																			
Ceiling in Holds, thickness and material <i>None.</i> Cargo Battens, thickness and material <i>None.</i>																			
Cargo Hatchways.—How formed? <i>None.</i> Hatches.—If strong and efficient? <i>yes</i>																			
State size No. 1 Hatch (Forward) <i>yes</i> No. 2 Hatch <i>yes</i> No. 3 Hatch <i>yes</i> No. 4 Hatch <i>yes</i>																			
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch <i>yes</i>																			
Bulwarks, height above deck and description <i>2-5 1/2" steel plates</i> No. of Breasthooks <i>Two</i> No. of Crutches <i>one</i>																			
Main Rail and Stays, material and size <i>BA 5 x 7 1/2, Stay 1 1/2"</i>																			
The above is a correct description <i>FOR COOK, WELTON & GEMMELL, LTD.</i> Surveyor's Signature <i>Harry C. Farrar</i>																			
Builder's Signature (here only) <i>Gemmell, Director.</i> Surveyor to Lloyd's Register of British and Foreign Shipping.																			

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) *16-10-07 (M.)*

7-11-07 (M), 20-12-07 (E) *Planned*

Workmanship. Are the butts of plating planed or otherwise fitted? *Planned*

Is the riveted work properly closed? *yes.*

Are the liners between the frames and plates solid single pieces? *yes.*

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes.*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *yes.*

Do any rivets break into or through the seams or butts of the plating? *A few.*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *yes.*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *yes.* State results of tests *✓*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *yes.* State results of tests *✓*

General Remarks (State quality of workmanship, &c.) *The workmanship throughout is good.*

This vessel has been built in accordance with the approved plans the Secretary's letter referred to above, and in general conformity with the Rules for the Class contemplated.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *✓* ft., F'castle *✓* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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) *1 Dk*

Official No. *161*; Signal Letters *no* State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *Paint & cement* 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.	Feet.	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 *yes.* State whether the above have been tested as required by the Rules *yes.*

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

Order for Special Survey No. *1721*

Date *1/11/07*

No. *161* in builder's yard

DATES OF SURVEYS held while building

1907: Jan 2, 9, 15, Dec 7, 12, 19, 30, 1908: Jan 3, 10, 20, 21, 27, 31, Feb 7, 10, 13, 21, 26, Mar 5, 12, 18, 20, 28

Mar 31, Apr 8, 11, 13, 16

Total No. of Visits *28*

The amount of Entry Fee *1: - -* Fees applied for, *29.4 - 1908*

Special *7: - -* Received by me, *12/5/08*

Travelling Expenses, if any £ *12: -*

State whether the Vessel has been built under Special Survey *yes.*

I am of opinion this Vessel should be Classed *A - For River Purposes only*

With, or without Freeboard, as condition of Class *Without*

Certificate to be sent to *Hall.*

Surveyor to Lloyd's Register of British and Foreign Shipping. *Harry C. Farrar*

Committee's Minute *FM. 1 MAY 1908*

Character assigned *A -*

For river purposes only

Time 4.08