

~~and Pt. Awng. Dk.~~

No. 22884

WED. 24 AUG 1910

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

Received at London Office

Date of completion of Report

Aug 16th 1910

Port of Huilo

Date, First Survey

Last Survey

Ans 11th / 1910

Survey held at

On the

d at Brook

"GROSBEAK.

Master H. E. Foot

Year of appointment

(1) As master in service of
owner of present vessel :—1902
(2) As master of this
vessel 1910

Built at Isle

When built 1910

Launched 9K 6/20

By whom built Good Shipbuilding & Repairing Co Ltd

Owners. Kelsall Brothers & Beeching, Ltd.

Managers

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

Residence Hull

Port belonging to Hull.

Building, Afloat, ~~or~~ ^{and} in Dry Dock *Yes*

Plank on Deck as rule.....	Feet. 108	Inches. 10½	BREADTH— Moulded	Feet. 21	Inches. 6	DEPTH, ACTUAL— Top of Floors to top of Main Deck Beams	Feet. 12	Inches. 1	No. of Decks with Flat laid No. of Tiers of Beams	One One
Tons of Ship per Register. Length, 110-1 breadth, 21-6 depth, 11-97 Moulded Depth, 12 ft. 11 ins. Round of Beam, Actual 6 ins.										

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	Inches per Rule as Appro	20ths per Rule ved.
FRAMING.						
E, Angles, $7\frac{1}{8}$ or $6\frac{1}{8}$ Bars, for $\frac{3}{4}$ length amidships	4 $\frac{1}{2}$	3	8	4 $\frac{1}{2}$	3	8
for $\frac{1}{4}$ at each end						
in way of Double Bottoms at Solid Floors..						
" " at intermdt. Bkts.						
g of Frames from centre to centre	21				21	
RISED FRAME, Angles						
FRAMING, depth of girder	4 $\frac{1}{2}$			4 $\frac{1}{2}$		
RS, depth and thickness of Floor Plate)	16		6	16		6
at mid-line for $\frac{3}{4}$ length amidships						
in way of Engines and Boilers	E 10. B 8			10-8		
thickness at the ends of vessel	6			6		
depth at $\frac{3}{4}$ the half breadth, as per Rule ..	Straight			across		
height extended at the Bilges	Ree			plan		
IS & BRACKETS, in Cell Dble Bottoms						
" state if flanged (top & bottom)						
" Spacing						
TE GIRDER, in Double Bottom, depth)						
and thickness						
" Angles, Top						
" " Bottom						
GIRDERS, number on each side & thickness						
" state if flanged (top & bottom)						
Angles						
N PLATE, depth (exclusive of flange)						
and thickness						
Angles to Outside Plating						
" Floors						
Height of Floors at the Bilges.....						
BOTTOM PLATING, breadth and)						
thickness of Middle Line Strake)						
" thickness in Engine and Boiler space						
" Remainder in Holds.....						
Main and Raised Quarter Deck,	5 $\frac{1}{2}$	3	8	5 $\frac{1}{2}$	3	8
gle Angle, Bulb Angle, Plate or Tee Bulb)						
Angles on Upper Edge						
spacing	42			42		
Lower Deck, Single Angle, Bulb)						
Angle, Plate or Tee Bulb						
Angles on Upper Edge.....						
Spacing						
Hold, Plate or Tee Bulb						
Angles on Upper Edge						
Spacing						
Poop Deck, Angle, Bulb Angle, Plate)						
or Tee Bulb						
Angles on Upper Edge						
Spacing						
Bridge or Pt. Awng. Deck, Angle,						
Bulb Angle Plate, or Tee Bulb....						
Angles on Upper Edge						
Spacing						
Forecastle Deck, Angle, Bulb Angle,						
Plate or Tee Bulb						
Angles on Upper Edge						
Spacing						
LARS, In 'tween Decks, Size and Spacing						
" Hold	2 $\frac{1}{2}$			As arranged		
Quarter, 'tween Dks., " "						
" in Hold " "						
B FRAMES, In Fore Body, No. and Spacing						
" Brdth. & Thickness						
No. of Side Stringers " "						
B FRAMES, In E. & B. Space, No. & Spacing						
" Brdth. & Thickness						
B FRAMES, In After Body, No. and Spacing						
" Brdth. & Thickness						
No. of Side Stringers " "						
Size of Angles or Tee Bars to Web Frames						
CKET PLATES to Stringers between)						
b Frames, Depth and Thickness						

FORGINGS AND CASTINGS.		Inches in Ship.		Inches per Rule. Or as Approved.	
KEEL, Bar or Side Plates depth and thickness		$7\frac{1}{2} \times 1\frac{1}{8}$		$7\frac{1}{2} \times 1\frac{1}{8}$	
STEM, moulding and thickness. Bull Bar..		$7\frac{1}{2} \times 1\frac{1}{8}$		$7\frac{1}{2} \times 1\frac{1}{8}$	
STERN-POST for Rudder do. do.		$6 \times 2\frac{1}{2}$		$6 \times 2\frac{1}{2}$	
" for Propeller		$4\frac{1}{2}$		$4\frac{1}{2}$	
MAIN PIECE of Rudder, diameter at head ...		$2\frac{3}{4} \times 2\frac{1}{2}$		$2\frac{3}{4} \times 2\frac{1}{2}$	
do. at heel					
RUDDER, how constructed Forged iron frame - 2 plates.					
Can the Rudder be unshipped afloat? Yes.					

KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	Inches per Rule per Rule ved.	20ths per Rule ved.				
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate)		8 $\frac{1}{2}$		8	8 $\frac{1}{2}$		8				
" Rider Plate.....											
" Bulb Plate to Intercoastal Keelson											
" Horizontal Plates on Floors											
" Angles		4	3	10	4	3	10				
SIDE KEELSON, Angles.....											
" Bulb or Plate above floors for lng.											
" Intercoastal Plate for length											
" Attached to outside plating with Angle..											
BILGE KEELSON, Angle. (One.).....		5	4	10	5	4	10				
" 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 Angle. (One.).....		5	4	8	5	4	8				
" Bulb or Intercoastal Plate for lng.											
" Attached to outside plating with Angle											
Main and Raised Quarter Deck Stringer)											
Plate, breadth and thickness		23	6		23	6					
" Angle on ditto.....		3×3	6		3×3	6					
" Tie Plates, outside Hatchways		$8\frac{1}{2}$	6		$8\frac{1}{2}$	6					
" Diagonal Tie Plates on Bms. No. of Pairs											
" Main Dk* Iron or Steel for Machinery space lng.			5			5					
" R. Q. Dk* Iron or Steel for lng.											
" Wood Deck, Material & thickness P. Pine		3			3						
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											
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.											
BULKHEADS.		Number.		Thickness.		STIFFENERS.		Single or Double Frames.		Height up	
		In Vessel.	Per Rule.			Horizontal.		Vertical.			
						Size. Spacing		Size. Spacing			
						Inches. Inches.		Inches. Inches.			
W.T. BULKHEADS		3	3	6.5		$3 \times 2\frac{1}{2} \times 5/20$		48 30		Single Dk.	
PARTITION "											
LONGITUDINAL,,											
Are the outside Plates doubled two spaces of Frames in length? Diamond plates fitted											
Are the Sluice Valves and Watertight Doors in efficient working order? Yes.											

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		RIVETING.									
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.		STRAPS.		IF LAPPED.					
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing.	Breadth.	Thickness.	Breadth.	Thickness.				
FLAT PLATE KEEL (If Bar Keel, state Riveting)	41	7	7	7	41	7	Double	4 1/2	3/4	3	2 1/2	2 1/2	9 1/4	7				
GARBOARD OR A STRAKE	41	7	7	7	41	7	Double	4 1/2	3/4	3	2 1/2	2 1/2	9 1/4	7				
State actual thickness in way of Double Bottom.																		
B		6	5	5		6								5				
C		6	5	5		6												
D		7	6	6		7												
E		7	6	6		7												
F	32	9	8	8	32	9						9 1/4	10					
G																		
H																		
J																		
K																		
L																		
M																		
N																		
O																		
P																		
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																		

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. *Mild Steel*

Has the Steel been tested as required by the Rules. *Yes*

FRAMES extend in one length from *Keel* to *gunwale* state if ordinary or joggled *Ordinary*

REVERSED FRAMES on floors and frames extend from *Deep single frame (flange on top)* state if ordinary or joggled *Yes*

MASTS, SPARS, &c.

LOWER MASTS...	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	P.Pine	39.0	13"								
Main											
Mizen	Steel	32.0	12 1/2"								

Bowsprit *Yes*

Topmasts, *Yes* and Remainder of *Spars Pitch pine*

Rigging, Material and Size, *Shrouds Galv'd wire, 2 1/2 - 2 1/2*

Sails, *On* Suit of *Sails and the following spare sails*

Equipment No. *Letter* *Tonnage U.D. or Plating No. for Trawlers 4756*

ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex Stock		Weight of Stock		Test, per Certificate		Weight Required by Table 22		Description of Anchor.	Makers.	Where and when tested and Superintendent.				
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.			
64333	1st Bower	5	0	0	1	1	11	7	7	2	0	5	0	0	Rodgers	Sh. Vulcan C. L.P.H.-N. 25-6-10, 10mm
64332	2nd "	4	1	26	1	0	14	6	17	2	0	4	2	0	"	" " " " 25-6-10 "
64331	3rd "	2	2	6	2	19	5	2	2	2	0	2	2	0	"	" " " " 24-6-10 "
	Collective weight	12	0	4				12	0	0						
	Stream															
	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 Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire per Table 22.	Length and size per Table 22.
			Supplied.	Per Table 22.								
45644	90 1 18 27	45-0-0	45-3-17	90 1	18	Sh. Vulcan C. L.P.H.-N. 20-6-10	H. Brown. Sup.		TOWLINE	60 5 1/2	60 5 1/2	60 5 1/2
									HAWKERS & WARPS	60 4	60 4	60 4

HAWKERS AND WARPS.

Boats *On*

Pumps, Number *Three* Diameter of Barrel *6 - 4 1/2* State whether they are in efficient working order *Yes*

Windlass is by *Hamill & Co.* Capstan *Yes*

Engine Room Skylights.—How constructed? *Of Teak.*

What arrangements for deadlights in bad weather? *Teak flaps & burlings.*

Coal Bunker Openings.—How constructed? *Cast iron rings.* How are lids secured? *Screwed.* Height above deck? *Flush.*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side, 5 Scuppers, 3 freeing ports 24 x 12.*

Ceiling in Holds, thickness and material *2" pine.* Cargo Battsens, thickness and material *Yes.*

Cargo Hatchways.—How formed? *Plates and angles.* Hatches.—If strong and efficient? *Yes.*

State size No. 1 Hatch (Forward) *2-6 x 2-6* No. 2 Hatch *3-6 x 3-6* No. 3 Hatch *Yes* No. 4 Hatch *Yes*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *Yes*

No. of Breasthooks *Yes* No. of Crutches *1 + Dup floor.*

Bulwarks, height above deck and description *2-0 x 4/20.* Main Rail and Stays, material and size *7 x 5 x 3/32 Steel B.R.*

The above is a correct description. *Surveyor's Signature* *Allison B. Wilson.*

Builder's Signature (here only). *A.H. Crapp* 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)

(M.) 22-3-10.

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

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 facing 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)? *Trawler* State results of tests. *✓*

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

General Remarks (State quality of workmanship, &c.) *Workmanship good.*

This vessel has been built in accordance with the approved plans. The Secretary letters of the above dates and in general conformity to the Rules for the class contemplated.

Accompanying this report;—Plans of Midship Section, and Profile, and Reports on Ships' Forgings. (2.)

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. *129251*; Signal Letters *✓* State if Machinery is fitted aft *Yes*

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,	<i>✓</i>		Fore peak tank,	<i>✓</i>	
Double bottom, under Engines and Boilers,	<i>✓</i>		After peak tank,	<i>✓</i>	
Double bottom, if under Engines only,	<i>✓</i>		Deep tank, aft,	<i>✓</i>	
Double bottom, if under Boilers only,	<i>✓</i>		Deep tank, forward,	<i>✓</i>	21.0
Double bottom, forward,	<i>✓</i>		Other tanks, if fitted,	<i>✓</i>	40

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. *1828*

Date *24/3/10.*

No. *133.* in builder's yard

Dates of Surveys held while building *1910-April 4, 6, 8, 12, 18, 20, 21, 25, 27, 29. May 2, 3, 9, 10, 13, 21, 26, Jun 2, 3, 16, 20, Jun 23, 27, July 1, 4, 7, 12, 13, 14, Aug 4, 5, 8, 11.*

Total No. of Visits *34*

The amount of Entry Fee *£ 1 : 0 : 0* Fees applied for, *22-8-1910.*

Special *£ 5 : 12 : 0* Received by me, *26-8-1910*

Travelling Expenses, if any *£ - : 16 : 0*

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

I am of opinion this Vessel should be Classed **100 A.1. "Steam Trawler".*

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

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *FRI. 26 AUG 1910*

Character assigned *100 A.1. Steam Trawler*

Lloyd's and B.O. + L.M.B. 8.10

Carb. name 4/10.

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