

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office.

24 JAN 1911

State if Report is also sent on the Machinery of the Vessel *Lon Rpt.*

Date of completion of report *23rd January 1911.* Port of Hull
Survey held at *Selly* Date, First Survey *July 29/10* Last Survey *Jan. 14th 1911.*
On the *Steel Steamer "HULL TRADER."* Rig *Ketch*

TONNAGE under
Tonnage Deck... *212.24*
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk.
Do. of Poop *25.38*
Do. of R.Q.Dk. *13.89*
Do. of Bridge House *1.59*
Do. of Forecastle *6.68*
Do. of Houses on Dk. *19.79*
Do. of excess of Hatchways *14.22*
Do. above Crown of Engine Room...
Gross Tonnage *303.62*
Less Crew Space *29.24*
Less above Crown of Engine Room...
Net Tonnage *260.36*

CLASS *100 A1.*
Breadth (greatest moulded) *22.37*
Depth, at middle of length from top of keel to top of upper deck beams at side... *9.83*
Transverse Number *32.20*
Length of deck from fore part of stem to after part of stern post *124.00*
Longitudinal Number *4089*
Depth "d," at middle of length (See Secs. 2 & 13) *8.87*
Proportions—Depths to Length—Upper Deck Beam at side to top of keel *12.92*
" " Long Bridge Deck Beam at side to top of keel *✓*

Master *P. Cook*
Year of appointment *(1) As Master in service of owner of present vessel—19
(2) As Master of this vessel—1911*
Built at *Selly*
When built *1911* Launched *14th Dec. 1910*
By whom built *Cochrane & Sons.*
Owners *J. W. Harlock.*
Managers *(Where necessary to be entered in Reg. Book.)*
Residence *Mistley, Essex.*
Port belonging to *Hull*

Destined Voyage *Yarmouth for England* If Surveyed while Building, Afloat, or in Dry Dock *Yes.*

on Deck *127* Feet. *0* Inches. BREADTH—Moulded *22* Feet. *4 1/2* Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams *9* Feet. *9 1/2* Inches. No. of Decks with flat laid *One*
No. of Tiers of Beams *One*
Moulded depth, ft. *✓* ins. *10* To Bridge Dk. Round of Upper Dk. Beam, Actual *11* ins.
Moulded depth, ft. *9* ins. *10* To Upper Dk. Dk. Beam, Actual *11* ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Angles, or E or F Bars amidships	4	3	30	4	3	30
Peaks <i>way of R.Q.Dk.</i>	4 1/2	3	34	4 1/2	3	34
Way of Double Bottoms at Solid Floors	✓	✓	✓	✓	✓	✓
" " at intermdt. Bkts.	✓	✓	✓	✓	✓	✓
Frames from centre to centre amidships	21	✓	✓	21	✓	✓
" " length to Collision bulkhead	✓	✓	✓	✓	✓	✓
" " in peaks	✓	✓	✓	✓	✓	✓
ED FRAME, Angles	2 3/4	2 3/4	35	2 3/4	2 3/4	35
G, depth of girder	4 1/2	4 1/2	✓	4 1/2	4 1/2	✓
depth and thickness of Floor Plate at mid-line for length amidships	11 1/2	✓	28	11 1/2	✓	28
Way of Engine and Boiler Spaces	E 32	B 38	✓	32	38	✓
Thickness at the ends of vessel	✓	✓	✓	✓	✓	✓
Thickness at the half breadth, as per Rule	✓	✓	✓	✓	✓	✓
Height extended at the Bilges	✓	✓	✓	✓	✓	✓
BRACKETS in Cell Dble Bottoms	✓	✓	✓	✓	✓	✓
" " state if flanged (top & bottom)	✓	✓	✓	✓	✓	✓
" " Spacing	✓	✓	✓	✓	✓	✓
GIRDER, in Dbl. bottom, dpth. & thcknss.	✓	✓	✓	✓	✓	✓
" " Angles, Top	✓	✓	✓	✓	✓	✓
" " Bottom	✓	✓	✓	✓	✓	✓
" " to Floors	✓	✓	✓	✓	✓	✓
RDERS, number on each side & thickness	✓	✓	✓	✓	✓	✓
" " state if flanged (top and bottom)	✓	✓	✓	✓	✓	✓
" " Angles	✓	✓	✓	✓	✓	✓
PLATE, depth (exclusive of flange) and thickness	✓	✓	✓	✓	✓	✓
" " Angles to Outside Plating	✓	✓	✓	✓	✓	✓
" " Floors	✓	✓	✓	✓	✓	✓
" " Height of Brackets above at bilge	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, breadth and thickness of Middle Line Strake	✓	✓	✓	✓	✓	✓
" " in Engine and Boiler space	✓	✓	✓	✓	✓	✓
" " Remainder in Holds	✓	✓	✓	✓	✓	✓
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 1/2	3	30	4 1/2	3	30
Angles on upper edge	✓	✓	✓	✓	✓	✓
Spacing	21	✓	✓	21	✓	✓
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓
Angles on upper edge	✓	✓	✓	✓	✓	✓
Spacing	✓	✓	✓	✓	✓	✓
Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓
Angles on upper edge	✓	✓	✓	✓	✓	✓
Spacing	✓	✓	✓	✓	✓	✓
Fourth or Fifth Deck, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓
Angles on upper edge	✓	✓	✓	✓	✓	✓
Spacing	✓	✓	✓	✓	✓	✓
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓
Angles on upper edge	✓	✓	✓	✓	✓	✓
Spacing	✓	✓	✓	✓	✓	✓
Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	40	5	3	40
Angles on upper edge	✓	✓	✓	✓	✓	✓
Spacing	42	✓	✓	42	✓	✓
Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 1/2	3	30	4 1/2	3	30
Angles on upper edge	✓	✓	✓	✓	✓	✓
Spacing	42	✓	✓	42	✓	✓
Spaces, in 'tween Deck, size and spacing	✓	✓	✓	✓	✓	✓
" " Hold	✓	✓	✓	✓	✓	✓
" " Quarter 'tween Dks., " "	2 1/2	✓	✓	2 1/2	✓	✓
" " in Hold	✓	✓	✓	✓	✓	✓
BR-FRAMES, in Fore Body, No. and spacing	3	✓	✓	3	✓	✓
" " breadth & thickness	10	✓	✓	10	✓	✓
" " No. of Side Stringers	✓	✓	✓	✓	✓	✓
WEB-FRAMES, in E. & B. Space, No. and spacing	✓	✓	✓	✓	✓	✓
" " breadth & thickness	✓	✓	✓	✓	✓	✓
WEB-FRAMES, in After Body, No. and spacing	✓	✓	✓	✓	✓	✓
" " breadth & thickness	✓	✓	✓	✓	✓	✓
" " No. of Side Stringers	✓	✓	✓	✓	✓	✓
" " Size of Face Angles to Web-Frames	4	3	30	4	3	30
BRACKET PLATES to Stringers between Web Frames, depth and thickness	✓	✓	✓	✓	✓	✓

FORGINGS OR CASTINGS.	Inches in Ship.	Inches per Rule.	Inches in Ship.	Inches per Rule.	Inches in Ship.	Inches per Rule.
KEEL, Bar, depth and thickness	7 1/2 x 15/8	✓	7 1/2 x 15/8	✓	7 1/2 x 15/8	✓
STEM, moulding and thickness	5 3/4 x 1 3/8	✓	5 3/4 x 1 3/8	✓	5 3/4 x 1 3/8	✓
STERN-POST for Rudder do. do.	5 3/4 x 3	✓	5 3/4 x 3	✓	5 3/4 x 3	✓
" " for Propeller	✓	✓	✓	✓	✓	✓
RUDDER—A x D Table 22	61.37	✓	61.37	✓	61.37	✓
" " Main-Piece, diameter at head	4 1/4	✓	4	✓	4	✓
" " " at heel	3	✓	3	✓	3	✓
RUDDER, how constructed <i>Forged iron frame. Single plate.</i>	✓	✓	✓	✓	✓	✓
Can the Rudder be unshipped afloat? <i>Yes.</i>	✓	✓	✓	✓	✓	✓
KEELSONS & 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	16 1/2	✓	35	16 1/2	✓	35
" " Rider Plate	7	✓	35	7	✓	35
" " Flat Plate Keel Angles	✓	✓	✓	✓	✓	✓
" " Horizontal Plates on Floors	6 x 3 x 3	3/8	6 x 3 x 3	3/8	✓	✓
" " Angles or Bulb Angles Channels	✓	✓	✓	✓	✓	✓
SIDE KEELSONS, Number	✓	✓	✓	✓	✓	✓
" " Angles or Bulb Angles	✓	✓	✓	✓	✓	✓
" " Plate above floors, for length	✓	✓	✓	✓	✓	✓
" " Intercoastal Plate, for length	✓	✓	✓	✓	✓	✓
" " Attached to outside Plating with Angle	✓	✓	✓	✓	✓	✓
BILGE KEELSON, Angles	4	4	40	4	4	40
" " Intercoastal Plate for full length	2 1/2	2 1/2	30	2 1/2	2 1/2	30
" " Attached to outside Plating with Angle	✓	✓	✓	✓	✓	✓
SIDE STRINGERS, Number	On	✓	On	✓	On	✓
" " Bulb Angle	5	2 1/2	30	5	2 1/2	30
" " Intercoastal Plate, for full length	✓	✓	✓	✓	✓	✓
" " Attached to outside plating with Angle	3	3	30	3	3	30
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	52 1/2	36	34	52 1/2	36	34
" " " " (in way of Bridge)	✓	✓	✓	✓	✓	✓
" " " " Angle (clear of Bridge)	3 x 3	✓	40	3 x 3	✓	40
" " Tie Plate at sides of Hatchways	✓	✓	✓	✓	✓	✓
" " Deck * Iron or Steel, for full lng.	✓	✓	✓	✓	✓	✓
" " Thickness (clear of Bridge)	✓	✓	✓	✓	✓	✓
" " (in way of Bridge)	✓	✓	✓	✓	✓	✓
" " Wood Deck. Material & thcknss	✓	✓	✓	✓	✓	✓
Second Deck Stringer Plate, br'dth & thickness	✓	✓	✓	✓	✓	✓
" " Angles on ditto, No.	✓	✓	✓	✓	✓	✓
" " Tie Plates outside Hatchways	✓	✓	✓	✓	✓	✓
" " Deck * Iron or Steel, for lng.	✓	✓	✓	✓	✓	✓
" " Wood Deck. Material & thickness	✓	✓	✓	✓	✓	✓
Third Deck Stringer Plate, br'dth & thickness	✓	✓	✓	✓	✓	✓
" " Angles on ditto, No.	✓	✓	✓	✓	✓	✓
" " Tie Plates outside Hatchways	✓	✓	✓	✓	✓	✓
" " Deck * Material & 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	24	24	24	24	24	24
" " Angle on ditto	2 1/2 x 2 1/2	✓	24	2 1/2 x 2 1/2	✓	24
" " Tie Plates	39	✓	24	39	✓	24
" " Deck. Material and thickness	3	✓	3	✓	✓	✓
Forecastle Deck Stringer Plate, b'dth & th'kns	✓	✓	✓	✓	✓	✓
" " Angle on ditto	2 1/2 x 2 1/2	✓	25	2 1/2 x 2 1/2	✓	25
" " Tie Plates	✓	✓	✓	✓	✓	✓
" " Deck. Material and thickness	2 1/2	✓	2 1/2	✓	✓	✓

* 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
	Vessel.	Per Rule.		Horizontal.			Vertical.				
				Size.	Spacing.	Size.	Spacing.				
			Inches.	Inches.	Inches.	Inches.	Inches.				
W. T. BULKHEADS	3	3	25	4	2 1/2	30	30	Single	Dk.		
COLLISION "			25	5	2 1/2	30	4	2 1/2	30	"	
PARTITION "	x			3	3/4	B.	7	30	Angle		
LONGITUDINAL "	✓										
Are the outside Plates doubled two spaces of Frames in length? <i>Diagonal plates fitted</i>											
Are the Sluice Valves and Watertight Doors in efficient working order? <i>✓</i>											

PLATING.										RIVETING.									
AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.		RIVETS.		STRAPS.		IF LAPPED.					
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		Single or Double.		Breadth of Lap.		Diam.		Spacing or to cr.		Breadth.		For what Length.	
Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Feet.	
FLAT PLATE KEEL		35		47		42		35		47		42		35		47		42	
GARBOARD OF A STRAKE		35		47		42		35		47		42		35		47		42	
B		35		47		42		35		47		42		35		47		42	
C		35		47		42		35		47		42		35		47		42	
D		35		47		42		35		47		42		35		47		42	
E		35		47		42		35		47		42		35		47		42	
F		35		47		42		35		47		42		35		47		42	
G		35		47		42		35		47		42		35		47		42	
H		35		47		42		35		47		42		35		47		42	
J		35		47		42		35		47		42		35		47		42	
K		35		47		42		35		47		42		35		47		42	
L		35		47		42		35		47		42		35		47		42	
M		35		47		42		35		47		42		35		47		42	
N		35		47		42		35		47		42		35		47		42	
O		35		47		42		35		47		42		35		47		42	
P		35		47		42		35		47		42		35		47		42	
Q		35		47		42		35		47		42		35		47		42	
R		35		47		42		35		47		42		35		47		42	
S		35		47		42		35		47		42		35		47		42	
DOUBLING OF FLAT PLATE KEEL		35		47		42		35		47		42		35		47		42	
SHEERSTRAKES		35		47		42		35		47		42		35		47		42	
POOP SIDES		35		47		42		35		47		42		35		47		42	
SHORT BRIDGE SIDES		35		47		42		35		47		42		35		47		42	
FORECASTLE SIDES		35		47		42		35		47		42		35		47		42	

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. *Mild Steel*

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

FRAMES extend in one length from *Keel* to *deck*. State if ordinary or joggled *Ordinary*

REVERSED FRAMES on floors and frames extend from *across top of floors*. State if ordinary or joggled *Ordinary*

MASTS, SPARS, &c.									
Material.		Total Length.		DIAMETER AND THICKNESS.		No. of Plates in round.		ANGLES.	
At Partners.		Heel.		Hounds.		Head.		Number.	
Fore		45-0		12		12		12	
Main		25-0		4 1/2		4 1/2		4 1/2	
Mizen		P. Pine		P. Pine		P. Pine		P. Pine	

Boomsprit *✓*

Topmasts, *Yards* and Remainder of *Spars* *Pitch Pine*

Rigging, Material and Size, *Shrouds* *Salvage*

Sails, *One* Suit of *Sails*, and the following spare sails *✓*

EQUIPMENT No. 4347 LETTER 2									
Anchors.		WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		Description of Anchor.	
Number of Certificate.		Cwts. qrs. lbs.		Cwts. qrs. lbs.		Cwts. qrs. lbs.		Cwts. qrs. lbs.	
1st Bower		7 1 12		9 11 2		7 7 1		Wagon Iron	
2nd "		7 1 8		9 11 2		7 7 0		"	
3rd "		7 1 8		9 11 2		7 7 0		"	
4th "		7 1 8		9 11 2		7 7 0		"	
Collective weight		4 2 20		14 1 0		14 1 0		"	
Stream		2 1 6		2 11 4		17 2 0		Ordinary	
Kedge		1 0 4		1 0 4		1 0 4		"	

CHAIN CABLES.									
Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Table 31.		Description.	
Length. Diam.		Status. Breaking. ing.		Cwts. qrs. lbs.		Cwts. qrs. lbs.		Makers of Cables.	
45 5 9		16 5 3/4		13 3/4		20 3/4		45 5 9	
45 5 9		16 5 3/4		13 3/4		20 3/4		45 5 9	
45 5 9		16 5 3/4		13 3/4		20 3/4		45 5 9	

HAWERS AND WARPS.									
Length and size supplied.		Breaking Test of Steel Wire Towline.		Length and size per Table 31.		Description.		Makers of Cables.	
Length. Cir.		Fathoms. Ins.		Fathoms. Ins.		Fathoms. Ins.		Fathoms. Ins.	
45 5 9		16 5 3/4		13 3/4		20 3/4		45 5 9	
45 5 9		16 5 3/4		13 3/4		20 3/4		45 5 9	
45 5 9		16 5 3/4		13 3/4		20 3/4		45 5 9	

Boats *2* Lifboats

Pumps, Number *Three*

Windlass is *by Is. Mc. Onie*

Engine Room Skylights. How constructed? *Plates and angles*

What arrangements for deadlights in bad weather? *Atel flaps and bullseyes*

Coal Bunker Openings. How constructed? *Plates and angles* How are lids secured? *Battened down* Height above deck? *19" and 7-3"*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. On each side, *5 Scuppers, 4 Ports 2-1 x 1-6, 2 Ports 18" x 12"*

Ceiling in Holds, thickness and material *2 1/2" Pine*

Cargo Hatchways. How formed? *Plates and angles*

State size No. 1 Hatch (Forward) *40-3 x 13-6* No. 2 Hatch *✓* No. 3 Hatch *✓* No. 4 Hatch *✓*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *Seven web plates, No. 1 and 2*

No. of Breasthooks *Four*

Bulwarks, height above deck and description *3-6 x 25"*

The above is a correct description.

Builder's Signature (here only) *Cochran & Sons*

Surveyor's Signature *Allison B. Wilson*

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) 7-6-10, 6-1-11, (S) 19-8-10.

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. 26, par. 20)? *Yes*

State results of tests *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes*

State results of tests *Satisfactory*

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

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

Accompanying this report:—Plans of Midship Section, Profile and Decks, Pumping Arrangements, Report on Ship's Fittings.

To complete this survey the top of the Engine and Boiler casing has to be refitted and riveted after the machinery has been placed on board at Yarmouth.

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. *42.5* ft., Bridge *9.3* ft., Forecastle *16.3* 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). *1 Dk (atl)*

Official No. *✓*; Signal Letters *✓*

State if Machinery is fitted aft *Yes*

How are the surfaces preserved from oxidation? Inside *Hollocks Bitumastic 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.	Feet.	
Double bottom, aft.		✓	Fore peak tank.	37		2 1/2	
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. *Yes*

Order for Special Survey No. *1842*

Date *13-7-10*

No. *443* in builder's yard.

DATES of Surveys held while building

1910: July 29, Aug 8, 19, 23, 29, Sep 2, 12, 19, 23, Oct 7, 12, 20, Nov 9, 15, 24, Dec 8, 16, 21, 29, 1911: Jan 6, 10, 12, 14.

Total No. of Visits *23*

The amount of Entry Fee *£ 2 : 0 : 0*

Special Survey Fee *£ 13 : 0 : 0*

Travelling Expenses, *£ 2 : 12 : -*

Fees applied for, *21-1-1911*

Received by me, *24/1/1911*

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

I am of opinion this Vessel should be Classed *100 A1*

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

Committee's Minute

Character assigned *100 A1*

Lloyd's 6060 + L.M. 2.11

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Let on Hull to Hull 24/3/11 by return mail making no account

W856-0142