

FRI. 24 OCT. 1919

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office

Date of completion of report  
Survey held at

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

22/10/19 Port of Hull

Date, First Survey

14-8-18

Last Survey

No. 31395

16-9-1919

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

TONNAGE under

Tonnage Deck

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

Total under Upper Dk.

Do. of Poop

Do. of R.Q. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as out on Beam

Breadth (greatest moulded)

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

Transverse Number

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

Longitudinal Number

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

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

Long Bridge Deck Beam at side to top of keel

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule	BREADTH Moulded	DEPTH, ACTUAL	Top of Floors to top of Upper Dk. Beams	Second Dk. Beams	No. of Decks with flat laid	No. of Tiers of Beams
125 0	23 4 1/2	12 7	12 9	12 9	one	one

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

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
FRAME, Angles, Bars amidships	4 1/2	3	9/20	4 1/2	3	9/20	PILLARS In 'tween Deck, size and spacing	3	as arranged		
Do. in peaks	4 1/2	3	9/20	4 1/2	3	9/20	" " Hold				
Do. in way of Double Bottoms at Solid Floors							" " Quarter 'tween Dks.				
" " at intermdt. Bkts.	21		21				" " in Hold				
Spacing of Frames from centre to centre amidships	21		21				KEELSONS & STRINGERS.				
" " length to Collision bulkhead	21		21				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	8 1/2		5	8 1/2
" " in peaks	3	3	6/20	3	3	6/20	" " Rider Plate				
REVERSED FRAME, Angles							" " Flat Plate Keel Angles				
Do. in way of Double Bottoms at Solid Floors							" " Horizontal Plates on Floors	5	3	5	3
" " at intermdt. Bkts.							" " Angles or Bulb Angles	DOUBLE			
FRAMING, depth of girder	16		8/20	16		8/20	SIDE KEELSONS, Number				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships			9/20			9/20	" " Angles or Bulb Angles				
" " in way of Engine and Boiler Spaces			8/20			8/20	" " Plate above floors, for length				
" " thickness at the ends of vessel							" " Intercoastal Plate, for length				
" " depth at 1/2 the half breadth, as per Rule							" " Attached to outside Plating with Angle	5	4	8/20	5
" " height extended at the Bilges							BILGE KEELSON, Angles	ONE			
FLOORS 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	ONE			
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.							" " Angle	ONE			
" " 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)	24 x 9/16		24 x 9/16	
Brackets at intermdt. frmg., wdth & thcknss							" " br'dth & thickness (in way of Bridge)	17 x 5/16		17 x 5/16	
SIDE GIRDERS, number on each side & thickness							" " Angle (clear of Bridge)	3 x 3 x 3/8		3 x 3 x 3/8	
" " state if flanged (top and bottom)							" " Tie Plate at sides of Hatchways	9/16		9/16	
" " Angles (top and bottom)							Deck * Iron or Steel, for FULL lng.	32		32	
" " to Floors							" " Thickness (clear of Bridge)				
MARGIN 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 & thcknss							" " Angles on ditto, No.				
Height of Outside Brackets above at bilge							" " Tie Plates outside Hatchways				
INNER 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				
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	5 1/2	3	10/20	5 1/2	3	10/20	" " Angles on ditto, No.				
" " in way of Long Bridge							" " Tie Plates outside Hatchways				
" " Spacing							Deck * Material and thickness				
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel							Fourth and Fifth Deck Stringer Plate, br'dth & thickness				
" " Spacing							" " Angles on ditto, No.				
BEAMS, Third and Fourth Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel							" " Tie Plates outside Hatchways				
" " Angles on upper edge							Deck * Material and thickness				
" " Spacing							Poop Deck Stringer Plate, breadth & thickness				
BEAMS, 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	4 1/2	3	7/20	4 1/2	3	7/20	Deck * Material and thickness				
" " Angles on upper edge							Forecastle Deck Stringer Plate, br'dth & th'kns	15	34	15	34
" " Spacing							" " Angle on ditto	3 x 2 1/2	5/16	3 x 2 1/2	5/16
							" " Tie Plates				
							Deck * Material and thickness	STEEL		40	40

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

12 0800-5824



[illegible]

EQUIPMENT NO.				LETTER				ANCHORS.				TONNAGE U.DK. OR PLATING NO. FOR TRAWLERS				4609			
Number of Certificate.		Anchors.		WEIGHT, E.T. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.					
30544	1st Bower ...	8	1	22	0	0	0	10	13	2	0	7	1	0	STOCKLESS	Bright Iron	CH 11.1.19 Paul.		
57400	2nd " ...	7	2	0	0	0	0	9	13	3	0	6	2	0	D <sup>2</sup>	Mighty 10 <sup>2</sup>	7.26.10.18 Harris.		
80716	3rd " ...	3	0	11	0	0	0	5	12	0	21	3	0	ORDINARY	Hughes	N. 14.12.18 Green			
	4th " ...																		
	Collective weight.	19	0	5								16	3	0					
	Stream .....																		
	Kedge.....																		

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

1st Bower  
2nd "  
3rd "  
4th "

*forged*

### CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.	Makers of Cable.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 31.	
	Fathoms.	Inches.		Tons.	Cwts.	qrs.	lbs.					Fathoms.	Inches.		Pounds.	Cir.
52006	105	1 1/2	20	20	4	1 1/2	60	2 1/8	105	1 1/2	Steel Hindrich - Made Lloyds, S.A. Paul.	60	2 1/2	12.8	60	2 1/2
												60	2 1/2	10.1	60	2 1/2

Iron Stream Chain or Steel Wire

### HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.	Makers of Cable.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 31.	
	Fathoms.	Inches.		Tons.	Cwts.	qrs.	lbs.					Fathoms.	Inches.		Pounds.	Cir.
												60	2 1/2	12.8	60	2 1/2
												60	2 1/2	10.1	60	2 1/2

Boats one  
Pumps, Number 4  
Windlass is Steam Hammell & Frost  
Engine Room Skylights.—How constructed? Steel plates & angles  
Coal Bunker Openings.—How constructed? C.I. discs  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6 scuppers 8 1/2 ports 10 24"x10" x 5' 2" 18"x9" ca side  
Ceiling in Holds, thickness and material  
Cargo Hatchways.—How formed? Scuttles Steel plates & angles  
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 35' 4 1/2" x 5 1/6 steel  
The foregoing is a correct description.  
Builder's Signature (here only) R. Gemmell DIRECTOR.

Steering Gear, Steam ✓ Diameter of Barrel 4" State whether they are in efficient working order Yes  
Capstan ✓  
Height above deck? Flush  
How are lids secured? Locked  
Cargo Battens, thickness and material ✓  
Hatches, If strong and efficient? Yes  
No. of Breasthooks 2. No. of Crutches Sup flans  
Main Rail, material and size 6 1/2" x 3 1/2" bulb angle  
Surveyor's Signature Matthew Blackwood  
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)  
17.5.17.18-7 Secretary Letters

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 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. 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.)  
This vessel has been built under Special Survey in accordance with the approved plans, the Secretary's letters referred to above and in general conformity with the Rules of this Society. The materials and workmanship are good throughout.

SISTER VESSEL SS 'CECIL COOMBS' HULL RPIN<sup>2</sup> 31304

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 £ 4 : 0 : 0 Fees applied for, 22/10/1919  
Special Survey Fee £ 27 : 14 : 0 Received by me, 11/11/1919  
Travelling Expenses, if any £ : :  
Certificate to be sent to Hull. Date of issue 12/11/19

I am of opinion this Vessel should be Classed Without.  
With, or without Freeboard, as condition of Class.

Committee's Minute Character assigned  
Steam hauler + LMC 9.19  
Lloyd's A.C.P.  
White Hall



GENERAL REMARKS—(continued).

*[Faint, mostly illegible handwritten notes in the top section of the page.]*

**PARTICULARS FOR RECORD in the REGISTER BOOK.** Length of Poop ☒ ft., R.Q.D. 71.75 ft., Bridge ☒ ft., Forecastle 21 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) *105*

Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft *Mach aft.*  
How are the surfaces preserved from oxidation? Inside *Paint, Cement, & Bituminous Solution* 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,			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,		
			(If necessary, furnish further information by sketch.)		
Total capacity of double bottom			State whether the above have been tested as required by the Rules <input checked="" type="checkbox"/>		

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

Order for Special Survey No. ☒

Date ☒

No. *408* in builder's yard.

Dates of Surveys held while building

*1918: Aug 14, 22, 30 Sep 3, 9, 12, 18 Oct 1, 11, 17, 24 Nov 1, 25 Dec 3, 12*  
*1919 Mar 7, 12, 17, 25 Apr 4, 19 Jun 18 Sep 14, 16*

Total No. of Visits *24*

Surveyor's Signature

*Matthew Blackwood*

Rpt. 4.

Date of writing Report

No. in Survey Reg. Book. on the S

Master

Engines made at

Boilers made at

Registered Horse

Nom. Horse Power

ENGINES, &c.

Diã. of Cylinders

Is the screw shaft

in the propeller

between the bearing

liners are fitted, is

Diã. of Tunnel shaft

collars *7 1/8*"

No. of Feed pumps

No. of Bilge pumps

No. of Donkey Engi

In Engine Room

*slush wheel*

No. of Bilge Injections

Are all the bilge suction

Are all connections

Are they fixed sufficie

Are they each fitted w

What pipes are car

Are all Pipes, Cock

Are the Bilge Suction

Is the Screw Shaft

BOILERS, &c.

Total Heating Sur

Working Pressur

Can each boiler be

each boiler *two*

Smallest distance bet

Thickness *1 3/32*"

long, seams *T.R.*

Per centages of stren

Size of compensating

Length of plain par

Working pressure of

Pitch of stays to ditt

Material of stays *st*

Material *steel*

Area at smallest p

Thickness *31/32*"

Diameter of tubes *3*

Pitch across wide

thickness of girder

Working pressure b

Diameter ☒

Pitch of rivets

SUPERHEAT

Date of Test

Diameter of Safety

Lloyd's Register Foundation