

~~Awning~~ Shelter Deck,
~~or Pl. Awning Deck.~~

STEEL STEAMER.

MUN. 14 FEB 1910

No. 24344

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

Port of SUNDERLAND

Date of completion of Report 11th Feb 1910

Received at London Office

Survey held at SUNDERLAND

Date, First Survey 3rd July 1909

Last Survey

7th February 1910

On the

STEEL STEAMER

"CACIQUE"

Rig

SCHOONER

TONNAGE under

4543.67

CLASS 100. A.I.

FEET.

Tonnage Deck...

Do. between Tonnage Dk. and

3rd, 4th or Awning Dk.

Total under Upper Dk.

Do. of Poop

Do. of R. Qr. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of ^{upper} Hatchways

Do. of ^{lower} Hatchways

Do. of ^{lower} Hatchways

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 cut on Beam...

Breadth (greatest moulded)

Depth, at middle of length from top of keel to top of

beams at side of uppermost Continuous Deck

Deduct height of tween deck when this does not exceed 8ft.

Transverse Number

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

sternpost

Longitudinal Number

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

Proportions, Depths to Length, Uppermost Continuous

Deck at side to top of keel

" " Upper Deck at side

" " to top of keel

Destined Voyage Port of London

Master F.W. DEXTER

Year of Appointment

(1) As Master in service of
owner of present vessel;—
(2) As Master of this
vessel;—
1910

Built at SUNDERLAND

When built 1910

Launched Nov. 15th 1909

By whom built Messrs SHOTT BROS. L^{td}

Owners New York & Pacific S.S. Co.

Managers Messrs Grace Bros.

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

Residence LONDON

Port belonging to LONDON

Surveyed while Building, Afloat, or in Dry Dock UNDER SPECIAL SURVEY

LENGTH on	Deck as per Rule	Feet	Inches	BREADTH	Feet	Inches	DEPTH, ACTUAL	Top of Floors to top of	Feet	Inches	No. of Decks with flat laid	No. of Tiers of Beams
		393	9	Moulded	52	0	Do.	Shelter Dk. Beams	34	10	3	3
Dimensions of Ship per Register,												
Length <u>394.2</u> breadth <u>52.3</u> depth <u>26.8</u> Upper Deck. Moulded depth, ft. <u>37</u> ins. <u>14</u> To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual <u>16 1/2</u> ins.												
Moulded depth, ft. <u>29</u> ins. <u>14</u> To Upper Dk.												

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches in Ship.	Inches in Ship.		Inches in Ship.	Inches per Rule.	Inches per Rule.
						Or as Approved.	Or as Approved.
FRAME, Angles, or Equal Bars, amidships	9	3 1/2	5 1/4	9	3 1/2	5 1/4	
Do. in peaks	7	3 1/2	4 1/4	7	3 1/2	4 1/4	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	4 1/4	3 1/2	3 1/2	4 1/4	
FRAMES, in Fore Hold, Angles at intervals. Blts.	7 1/2	3 1/2	4 1/4	7 1/2	3 1/2	4 1/4	
Spacing of Frames from centre to centre amidships	26			26			
" length to collision bulkhead	26			26			
" of Frames from centre to centre in peaks.	24			24			
REVERSED FRAME, Angles.	3 1/2	3 1/2	4 1/4	3 1/2	3 1/2	4 1/4	
FRAMING, depth of girder	9			9			
FLOORS, depth and thickness of Floor Plate							
at mid-line for 1/2 length amidships							
" in way of Engine and Boiler spaces							
" thickness at the ends of vessel							
" depth at 1/2 the half-bdth. as per Rule							
" height extended at the Bilges							
FLOORS & BRACKETS, in Cell Dble Bottoms							
state if flanged (top & bottom)							
spacing.							
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness							
" Angles, Top							
" " Bottom							
" " to Floors							
SIDE GIRDERS, number and thickness.							
state if flanged (top & bottom)							
" Angles							
MARGIN PLATE, depth (exclusive of flange)							
and thickness							
" Angles to outside plating							
" to floors							
" Height of Brackets above at bilge							
INNER BOTTOM PLATING, breadth and							
thickness of Middle Line Strake.							
" thickness in Engine and Boiler space							
" Remainder in Holds							
BEAMS, Awning or Shlter Dk, Single Angle,							
Bulb Angle, Plate, Tee Bulb or Channel							
" Angles on upper edge							
" Spacing							
BEAMS, Upper or Second Deck, Single Angle,							
Bulb Angle, Plate, Tee Bulb or Channel							
" Angles on upper edge							
" Spacing							
BEAMS, Third or Fourth Deck, Single Angle,							
Bulb Angle, Plate, Tee Bulb or Channel							
" Angles on upper edge							
" Spacing							
BEAMS, Fourth or Fifth Deck, Plate, Tee							
Bulb or Channel							
" Angles on upper edge							
" Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate,							
Tee Bulb or Channel							
" Angles on upper edge							
" Spacing							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate,							
Tee Bulb or Channel							
" Angles on upper edge							
" Spacing							
BEAMS, Forecastle Deck, Angle, Bulb Angle,							
Plate, Tee Bulb or Channel							
" Angles on upper edge							
" Spacing							
PILLARS, in 'tween Deck, size and spacing							
" Hold							
" Quarter, 'tween Dks., "							
" " in Hold							
WEB FRAMES, in Fore Body, No. and spacing							
" breadth & thickness							
" No. of Side Stringers							
WEB FRAMES, in E. & B. Space, No. & spacing							
" breadth & thickness							
WEB FRAMES, in After Body, No. and spacing							
" breadth & thickness							
" No. of Side Stringers							
" Size of Face Angles to Web Frames							
WELDED PLATES to Stringers between							
Web Frames, depth and thickness							

KEEL, Bar, depth and thickness	FLAT PLATE	KEEL
STEM, moulding and thickness	10 1/2 x 2 1/4	10 1/2 x 2 1/4
STERN-POST for Rudder do. do.	9 x 7 1/2	9 x 7 1/2
" " for Propeller	10 1/2 x 7 1/2	10 1/2 x 7 1/2
RUDDER—A x D Table 22	563	563
" Main Piece, diameter at head	10 1/2	10 1/2
" " " " at heel	7 1/2	7 1/2
RUDDER, how constructed	FORGED WITH SINGLE PLATE 1106	
Can the Rudder be unshipped afloat?	Yes	
KEELSONS AND STRINGERS.		
CENTRE LINE KEELSON, Vertical Plate above		
floors, Through Plate, or Intercoastal Plate		
" Rider Plate		
" Flat Keel Plate Angles		
" Horizontal Plates on Floors		
" Angles or Bulb Angles		
SIDE KEELSONS, Number		
" Angles or Bulb Angles		
" Plate above floors, for		
Intercoastal Plate, for		
Attached to outside plating with Angle		
BILGE KEELSON, Angles		
Intercoastal Plate, for		
Attached to outside plating with Angle		
SIDE STRINGERS, Number		
" Angle		
" Intercoastal Plate, for		
Attached to outside plating with Angle		
Awning or Shelter Deck Stringer Plates,		
breadth and thickness		
" Angle on ditto		
" Tie Plates, fore and aft, outside Hatchways		
Deck * Iron or Steel, for		
Wood Deck. Material & thickness		
Upper or Second Deck Stringer Plate,		
breadth and thickness		
" Angles on ditto, No.		
" Tie Plates, outside Hatchways		
Deck * Iron or Steel, for		
Wood Deck. Material & thickness		
Third Deck Stringer Plates, br'dth & th'kns		
" Angles on ditto, No.		
" Tie Plates, outside Hatchways		
Deck * Material and thickness		
Fourth and Fifth Deck Stringer Plate,		
breadth and thickness		
" Angles on ditto, No.		
" Tie Plates, outside Hatchways		
Deck. Material and thickness		
Poop Deck Stringer Plate, breadth & thickness		
" Angles on ditto		
" Tie Plates		
Deck. Material and thickness		
Bridge Deck Stringer Plate, br'dth & thickness		
" Angle on ditto		
" Tie Plates		
Deck. Material and thickness		
Forecastle Deck Stringer Plate, br'dth & th'kns		
" 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.
In Vessel.	Per Rule.	Horizontal.
		Size, Spacing.
		Vertical.
		Size, Spacing.
		Single or Double Frames.
		Height up.
W. T. BULKHEADS		
COLLISION		
PARTITION		
LONGITUDINAL		
PARTITION		
Are the outside Plates doubled two spaces of Frames in length?		
Are the Sluice Valves and Watertight Doors in efficient working order?		

Write "Aiming or Shelter Deck" "Sheer Strake" opposite its corresponding letter.

PLATING.							RIVETING.											
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.							
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
																		Inches.
FLAT PLATE KEEL	47	98	70	70	47	98	Done.	6	1	3 1/2	TREB.	1	3 1/2	Done 19	68 out			
(If Done Keel, state Riveting)								5 1/2	7/8	3 1/2	QUAD. TREB.	7/8	3 1/2			12+9	Feet	
GARBOARD or A Strake ...	60	58	46	46	60	58												
State actual thickness in way of Double Bottom.	B	60	58	46	46	60	58											
	C	60	58	46	46	60	58											
	D	60	58	46	46	60	58											
	E	60	62	46	46	60	62											
	F	60	62	46	46	60	62											
	G	57	62	44	44	57	62				TREB.					9		
	H	60	62	44	44	60	62											
	J	57	62	44	44	57	62											
Main Sheer.	K	60	62	44	44	60	62											
	L	57	62	44	44	57	62											
Lower 2nd Sheer	M	64	64	44	44	64	64				QUAD. TREB.					12+9		
Shelter Sheer	N	60	64	44	44	60	64				TREB.		Done 16 3/4		44 out			
	O																	
	P																	
	Q																	
	R																	
	S																	
DOUBLING of Flat Plate Keel																		
" of Sheerstrakes																		
(Length and Thickness)																		
POOP SIDES																		
SHORT BRIDGE SIDES																		
FORECASTLE SIDES																		

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. *OPEN HEARTH PROCESS*

STEEL PLATES: *CONSETT IRON CO. SOUTH DUNLOP & CO. BOLETON VAUGHAN*

STEEL ANGLES: *CONSETT IRON CO. PRUDERS & CO. DUNLOP. LONG & CO.*

IRON PLATES: *None*

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

Awning or Shelter Deck (Butts, *TREBLE* riveted for *FULL* length amidship.

Stringer Plate (Straps, single, double or overlapped for *FULL* length amidship.

Second Deck (Butts, *TREBLE* riveted for *FULL* length amidship.

Stringer Plate (Straps, single, or overlapped for *FULL* length amidship.

Butts of Side Stringers *TREBLE* riveted.

" Tie Plates *Done* riveted.

Inner Bottom Plating, riveting of Edges *Done* Butts *Done*.

Centre Girder Butts, *TREBLE* riveted Keelson Butts, *Done* riveted.

Frames, riveted through Plates with *7/8* in. Rivets, about *6* apart.

Rivets, state whether Iron or Steel *IRON*

FRAMES extend in one length from *CENTRE LINE* to *MARGIN PLATE AND THENCE TO GUNWALE* state if ordinary or joggled? *ORDINARY*

REVERSED FRAMES on floors and frames extend from *CENTRE LINE TO MARGIN PLATE* state if ordinary or joggled? *ORDINARY*

MASTS, SPARS, &c.											
	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS....											
Fore	<i>STEEL</i>	<i>62' 11"</i>	<i>30 x 50</i>	<i>26 x 50</i>		<i>24 x 45</i>	<i>Two</i>			<i>SINGLE</i>	<i>TREBLE</i>
Main	<i>Do.</i>	<i>65' 4"</i>	<i>Do.</i>	<i>Do.</i>		<i>Do.</i>	<i>Do.</i>			<i>Do.</i>	<i>Do.</i>
Mizen											
Bowsprit											
Topmasts, Yards and Remainder of Spars	<i>STEEL</i>	<i>MANNESSMANN TUBES</i>									
Rigging, Material and Size, Shrouds	<i>3/8 GALVANIZED STEEL WIRE</i>										
Stays	<i>4 1/2 STEEL WIRE</i>										
Sails.	<i>ONE</i>	<i>Suit of Schooners</i>									

EQUIPMENT No. 34689 LETTER 7												ANCHORS.												MECHANICAL TESTS BY											
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQ. 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.																			
12523		1st Bower	*	78	1	0	Stockless			57	17	3	0	60	0	0	"Smith's" Patent			NOT STATED			S.D. 13-11-09. W.J. Bell												
12565		2nd "	*	77	3	15	Do.			57	12	2	0	60	0	0	Do.			Do.			Do. 25-11-09. Do.												
12498		3rd "	*	77	2	21	Do.			57	12	2	0	50	2	0	Do.			Do.			Do. 4-11-09. Do.												
		Collective weight		233	3	8								170	2	0																			
12566		Stream	**	30	2	0	Stockless			29	0	0	0	20	1	7	"Smith's" Patent			Do.			S.D. 25-11-09. W.J. Bell												
62992		Kedge	9	0	20	2 1 27			11	6	3	14	7	0	0	IRON STOCK			N. HINGLEY & Son ^{ls}			NETHAMPTON 21-10-09. H. GREEN												
																								If Patent state Name of Patentee.			W. CHAPMAN 26-10-09. Do. 10-11-09. Do. 26-10-09. Do. 10-11-09.								
																								If Stockless, state Mechanical Tests.											

CHAIN CABLES.											
Number of Certificate.	Length and Size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.
	Length.	Diam.		Supplied.	Per Rule.						Length.
<i>43650</i>	<i>165</i>	<i>2 3/4</i>	<i>96 1/2</i>	<i>134 1/2</i>	<i>440 3 0</i>			<i>N. Hingley & Sons Co</i>	<i>Nottingham 3-11-09 H. Green</i>	<i>TOWLINE</i>	<i>120</i>
<i>43656</i>	<i>135</i>	<i>2 3/4</i>	<i>Do.</i>	<i>Do.</i>	<i>361 1 17</i>	<i>645 2 0</i>	<i>270</i>	<i>2 3/4</i>	<i>Do.</i>	<i>HAWSERS & WARPS</i>	<i>90</i>
	<i>300</i>				<i>802 0 7</i>						<i>90</i>
Iron Stream Chain or Steel Wire...	<i>90</i>	<i>5/8</i>	<i>34</i>	<i>51</i>	<i>57 1 21</i>	<i>72 0 0</i>	<i>90</i>	<i>1 1/2</i>	<i>Do.</i>		<i>90</i>
									<i>Nottingham 25-10-09 H. Green</i>		<i>90</i>

Boats *3 LIFEBOATS AND ONE CUTTER* Steam Steering Gear *CHADWELL'S PATENT* Hand Steering Gear *SEVEN*

Pumps, Number *ONE 6" DOWNTON PUMP WITH 2 1/2" INCH PISTON AND ONE 3" HAND PUMP TO ROPE PUMP FOR* Diameter of Barrel *Do.* State whether they are in efficient working order *Yes*

Windlass is *CLARKE, CHAPMAN & CO.* Capstan *Do.*

Engine Room Skylights.—How constructed? *Do Steel*

What arrangements for deadlights in bad weather? *STEEL PLATE AND BELLIES*

Coal Bunker Openings.—How constructed? *Do Steel* How are lids secured? *CLARKE AND BATTERY* Height above deck? *30"*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *9 SCUPPERS ON SIDE. ONE FREEING PORT ON EACH SIDE IN TONNAGE OPENING 2' 6" x 1' 9"*

Ceiling in Holds, thickness and material *2 1/2" PINE* Cargo Battens, thickness and material *7 x 2 PINE*

Cargo Hatchways.—How formed? *Do Steel. Usual Construction* Hatches, If strong and efficient?

State size No. 1 Hatch (Forward) *23' 10" x 18' 9"* No. 2 Hatch *30' 4" x 18' 0"* No. 3 Hatch *28' 2" x 18' 0"* No. 4 Hatch *28' 10" x 18' 0"*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *TWO WEBS AND THREE FORE AND AFTERS TO EACH HATCH. Do Steel*

Letter of Dec. 9, 1909. No. of Breasthooks *SEVEN* No. of Crutches *TWO + DECK FLOORS*

Bulwarks, height above deck and description *Do Steel* Main Rail and Stays, material and size *Do*

The above is a correct description.

Builder's Signature (have only) *For SHORT BROTHERS, LIMITED* Surveyor's Signature *J. S. Anderson* Surveyor to Lloyd's Register of British & Foreign Shipping.

Joseph Short Managing Director

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

17.09.09, 17.10.09, 17.20.09, 17.28.09, 17.6.09, 5.28.09, 17.9.12.09, 17.3.12.09

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

Is the riveted work properly closed? *Yes*

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

to plate, &c., conform well to each other? *Yes*

from the faying surfaces? *Yes*

Do the holes for riveting plate to frames, butt straps, or plate

Are the rivet holes well and sufficiently countersunk in the plate and punched

Do any rivets break into or through the seams or butts of 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 in accordance with the approved plans, the Secretary's letters, dated as stated and otherwise in accordance with the rules for the class contemplated

The materials and workmanship are good.

An extract from an owners letter to Builders dated 30.6.09, is enclosed giving permission for the vessel to be built to new rules

The vessel was examined in Mercantile Dry Dock in completion when one length of bulwark keel was removed, planed and replated.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *COMPLETE SHELTER DECK* ft., R.Q.D. ft., Bridge ft., Forecastle 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) *2 DKS 3rd & Shelter on 3rd and deck framing.*

Official No. *129072*; Signal Letters

State if Machinery is fitted aft *No*

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.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	<i>125.66</i>	<i>364</i>	Fore peak tank,	<i>✓</i>	<i>103</i>
Double bottom, under Engines and Boilers,	<i>47.66</i>	<i>182</i>	After peak tank,	<i>✓</i>	<i>31</i>
Double bottom, if under Engines only,	<i>✓</i>	<i>✓</i>	Deep tank aft,	<i>✓</i>	<i>✓</i>
Double bottom, if under Boilers only,	<i>✓</i>	<i>✓</i>	Deep tank forward,	<i>✓</i>	<i>✓</i>
Double bottom, forward,	<i>162.5</i>	<i>528.5</i>	Other tanks, if fitted,	<i>✓</i>	<i>✓</i>
	Total capacity of double bottom	<i>1074.5</i>	(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. *4772*

Date *22.7.09*

No. *358* in builder's yard.

DATES OF SURVEYS held while building

1909- July 3.6.9.12.15.19.22.29 Aug 4.6.12.21.25 Sep 2.9.13.16.20.23.28.30 Oct 5.6.7.9.11.12.13.15.18.19.20.21.22.27.28. Nov 1.2.4.6.8.9.10.11.13.15.16.19.22.24 Decr. 10.24.29.30 - 1910- Jan 6.10.11.14.17.20.24.26.27 Feb. 1.3.7

Total No. of Visits *66*

The amount of Entry Fee.....£ *5:0:0*

Special£ *42:9:0*

Travelling Expenses, if any £ : :

Fees applied for,

12.2.1910

Received by me,

15.2.1910

Certificate to be sent to

Sunderland

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

I am of opinion this Vessel should be Classed *+ 100 R.I. Steel. Shelter Deck. L.A.C.P.*

With, or without Freeboard, as condition of Class

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

Committee's Minute

FRI. 18 FEB 1910

Character assigned

*10001
sheer deck with fld 3'10"*

Lloyds 276.0

+ Lm 6.2.10

Certs issued 18/10.



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Lloyd's Register Foundation

W598-02192