

SAT. 13 AUG. 1921

With or Without  
Disconnected Erections.

## STEEL STEAMER.

Received at London Office

State if Report is also sent on the Machinery of the Vessel ☒ YES.Date of completion of report 15<sup>th</sup> July 1921.  
Survey held at Oakland, Cal.Port of San Francisco.  
Date, First Survey 17<sup>th</sup> Dec 1920. Last Survey 11<sup>th</sup> July 1921.

No. 3569

1921.

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

ACHATINA

Rig Schooner.

TONNAGE under

Tonnage Deck...

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

Total under Upper Dk. 5280.82

Do. of Poop

Do. of R. &amp; B. CH. HOUSE

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of R. &amp; B. HOUSE

Do. of above Crown of

Engine Room

Gross Tonnage 5816.81

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES..

Less Engine Room

Navigation Spaces

Register Tonnage

as cut on Beam

CLASS 100 A.1.

FEET.

Master G. A. Thomas.

Year of appointment (1) As Master in service of owner of present vessel—1905.

Built at Oakland, Cal.

When built 1921, Launched 21<sup>st</sup> May/21.

By whom built Union Construction Co.

Owners Anglo Saxon Petroleum Co.

Managers

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

Residence London.

Port belonging to London.

Breadth (greatest moulded) 53.08.

Depth, at middle of length from top of keel to top of upper deck beams at side 31.00.

Transverse Number 84.08.

Length on deck from fore part of stem to after part of stern post 412.0.

Longitudinal Number 34640.

Depth "d," at middle of length (See Secs. 2 &amp; 13) 13.2.

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

" " Long Bridge Deck Beam at side to top of keel

Destined Voyage Yokohama. If Surveyed while Building, Afloat, or in Dry Dock yes.

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
412.0	412	0	53.3	53	3	31.0	31	0	Two.
									No. of Tiers of Beams Two.

Dimensions of Ship per Register, Length 412.0 breadth 53.3 depth 31.0. Moulded depth, ft. 38 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 132 ins.

FRAMING.				PILLARS.			
FRAME, Angles, or [ or L Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS In 'tween Deck, size and spacing	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. in peak (ANGLE)	7	3 1/2	39	" " Hold	"	"	"
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	43	" " Quarter 'tween Dks.	"	"	"
" " at intermdt. Bkts.	✓			" " in Hold	"	"	"
spacing of Frames from centre to centre amidships	✓						
" " length to Collision bulkhead	✓						
" " in peak	24		24				
EVERSED FRAME, Angles	3 1/2	3 1/2	39				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	50				
" " at intermdt. Bkts.	✓						
FRAMING, depth of girder	SEE PAGE 4.						
LOOKS, depth and thickness of Floor Plate at mid-line for length amidships	✓						
" in way of Engine and Boiler Spaces	✓						
thickness at the ends of vessel	41		41				
depth at 1/2 the half breadth, as per Rule	✓						
height extended at the Bilges	✓						
LOOKS in Ceil. Double Bottoms, ENG. SP.	NO.		53				
state if flanged (top & bottom)	NO.						
Spacing of Solid floors	25 1/2		25 1/2				
ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	7.77	59	8.44				
" " Angles, Top	3 1/2	3 1/2	43				
" " Bottom	6	6	56				
" " to Floors	3 1/2	3 1/2	50				
Brackets at intermdt. frmg., wdth & thcknss	✓						
DE GIRDERS, number on each side & thickness	NO.		59				
state if flanged (top and bottom)	NO.						
" " Angles (top and bottom)	7.77	59	8.44				
" " to Floors	3 1/2	3 1/2	50				
RCIN PLATE, depth (exclusive of flange) and thickness	B. 30	60	B. 30				
" " Angle to Outside Plating	4 x 4 x 62	✓	4 x 4 x 62				
" " Floors	6 x 6 x 30	✓	6 x 6 x 30				
Brackets at intermdt. frmg., wdth & thcknss	✓						
Height of Outside Brackets above at bilge	✓						
IER BOTTOM PLATING, breadth and thickness of Middle Line Strake	99 x 100	48	360				
" " in Engine and Boiler space	5100	20	886				
" " Remainder in Holds	✓						
Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel							
In way of Long Bridge							
Spacing							
MS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel							
Spacing							
MS, Third and Fourth Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel							
Angles on upper edge							
Spacing							
MS, 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							







## PARTICULARS OF LONGITUDINAL FRAMING.

GEN

FRAMING.				AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
				In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
				Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Spacing	Inches.	Number.	Diameter.	
Framing of <b>L, L, C</b> .....				6	3 1/2	35				6	3 1/2	35				7/8	5 1/4				
Frames in Bridge 'tween Decks...																		5 1/4	7	7/8	
Frames from Uppermost Continuous Deck																			7		
Framing from <b>L, L, C</b> to Margin Plate. CENTRE LINE																			7		
No. 1																			7		
2																			7		
3																			7		
4				7	3-35		7	3-35		7	3-35		7	3-35					8		
5				7	3-43	43	7	3-43	43	7	3-43	43	7	3-43	43				8		
6				8	3-41	41	8	3-41	41	8	3-41	41	8	3-41	41			4" FOR 9 RIVETS.	8		
7																			8		
8				10	3-4	40	10	3-4	40	10	3-4	40	10	3-4	40			3 1/8	10		
9																			10		
10																			10		
11				13	4	45	13	4	45	13	4	45	13	4	45			4"	18		
12																			18		
13																			18		
14																			12		
15																			12		
16																			12		
Spacing of Longitudinal Frames				Amidships	30	GRADER	40		40		40		40		40				sp. 4"		
At Ends				21	17	20	13	4	45	13	4	45	13	4	45	13	4	45		12	
Double Bottoms																					
Tank Top Longitudinals							7	3-43	43				7	3-43	43						
Bottom							7	3-43	43				7	3-43	43						
IN BOILER SPACE ONLY																					
Spacing of Longitudinals				Amidships																	
At Ends...							30						30								
Transverses.																					
In Bridge				Depth and Thickness	15	x	38				15	x	38								
'tween Decks				Face Angles	4	3 1/2	37				4	3 1/2	38								
				Lugs to Shell*	3 1/2	3 1/2	37				3 1/2	3 1/2	37				3/4	3 3/4			
In Awning, Shelter or Upper 'tween Decks.				Depth and Thickness	18	x	41	18	21	41	18		40	18	21	41					
				Face Angles	4	3 1/2	43	4	3 1/2	43	4	3 1/2	44	4	3 1/2	43					
				Lugs to Shell*	3 1/2	3 1/2	43	3 1/2	3 1/2	43	3 1/2	3 1/2	43	3 1/2	3 1/2	43	7/8	4			
				Depth and Thickness	28		47	30	34	47	28		46	30	34	46					
In Hold.				Face Angles	6	4	62	6	4	62	6	4	60	6	4	62					
				Lugs to Shell*	6	6	43	6	6	43	6	6	46	6	6	43	7/8	4			
				Brackets			44			44			44			44					
Spacing of Transverse Frames					8'	8"		8'	8"		8'	8"		8'	8"						
* State if joggled or liners.				JOGGLED																	
Longitudinal				Bridge Deck	6	3 1/2	35				6	3 1/2	35				3' 4 1/2"				
Beams of				Awg. or Shltr. Dk.																	
<b>L, L, C</b>				Upper	6	3 1/2	35	6	3 1/2	35	6	3 1/2	35	6	3 1/2	35	30"				
				Second	7	3 1/2	313	7	3 1/2	313	7	3 1/2	313	7	3 1/2	313	24 1/2"				
				Third																	

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

5c,3,17.—T.

W606-0018 3/3

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 110.25 ft., R.Q.D. ✓ ft., Bridge 32.5 ft., Forecastle 56.75 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 (STL) AND WEB FRAMES.

Official No. \_\_\_\_\_ ; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft YES

How are the surfaces preserved from oxidation? Inside BY PAINT & ASPHALT OUTSIDE OIL TANKS Outside BY PAINT

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. *CELLULAR*

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓	✓	Fore peak tank,		86.0
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,		89.0
Double bottom, if under Engines only, 9 FT.	34.0	92.0	Deep tank, aft,		✓
Double bottom, if under Boilers only,	46.75	138.0	Deep tank, forward,	32.0	328.0
Double bottom, forward,	✓	✓	Other tanks, if fitted,		✓
Total capacity of double bottom		230.0	(If necessary, furnish further information by sketch.)		

<sup>25</sup> 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. 122.

Date 15/3/21.

No. 21 in Builder's yard.

DATE of Surveys held while building

1920. DEC. 17, 23, 27 29.

1921. JAN<sup>y</sup> 3, 7, 12, 21, 24, 26. FEB<sup>y</sup> 1, 7, 10, 11, 18, 21, 24. MARCH 1, 3, 10, 17, 22, 24, 27.

APRIL 1, 5, 6, 11, 13, 21, 22, 25, 27, 28. MAY 2, 4, 5, 10, 11, 12, 13, 16, 18, 19, 21, 24, 31.

JUNE 6 7 9 10 13 14 21 22 23 24 27 28 29 30 JULY 1 6 11 2020

Total No. of Visits 64

Surveyor's Signature

Q. W. R. Kab