

With or Without
Disconnected Erections.
STEEL STEAMER.

Received at London 21 OCT. 23. 1913

Date of completion of report 21st October 1913. Port of Leith. No. 14213.
Survey held at Leith. Date, First Survey 14th June, 1913. Last Survey 16th October 1913.
On the (State if Single, Twin, or Triple Screw) Single screw bridle bel Motor "Cinaraes" Rig Ketch

TONNAGE under Tonnage Deck... 85.15

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. 1.83

Do. of excess of Hatchways 3.98

Do. above Crown of Engine Room 2.64

Gross Tonnage 93.63

Less Crew Space ...

Less above Crown of Engine Room 2.64

TONNAGE FOR FEES... 90.96

Less Engine Room 29.96

Less Navigation Spaces 4.00

Register Tonnage 59.67

CLASS 10041

FEET.

Breadth (greatest moulded) 14.5

Depth, at middle of length from top of keel to top of upper deck beams at side 8.0

Transverse Number 25.5

Length on deck from fore part of stem to after part of stern post 82.0

Longitudinal Number 1091

Depth "d," at middle of length (See Secs. 2 & 13) 4.25

Proportions—Depth to Length—Upper Deck Beam at side to top of keel 10.25

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

Master W. H. Bowen

Year of appointment

Built at Leith

When built 1913 Launched 5th Apr. 1913

By whom built John Bran & Co

Owners Companhia de Cabotagem de Pernambuco

Managers M. Sydney Gerald Rhodes

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

Residence Pernambuco

Port belonging to Pernambuco

Destined Voyage Pernambuco If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule 82 0 BREADTH—Moulded 14 6 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 4 12 No. of Decks with flat laid one No. of Tiers of Beams one

Dimensions of Ship per Register, Length 82.0 breadth 14.6 depth 4.5 Moulded depth, ft. 8 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 4 1/2 ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, or E or L Bars amidships	4	2 1/2	2 1/2	4	2 1/2	2 1/2
Do. in peaks	"	"	"	"	"	"
Do. in way of Double Bottoms at Solid Floors						
" " at intermdt. Bkts.						
Spacing of Frames from centre to centre amidships	20			20		
" " from 1/2 length to Collision bulkhead	"			"		
" " in peaks	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
REVERSED FRAME, Angles, on top of floors	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Do. in way of Double Bottoms at Solid Floors						
" " at intermdt. Bkts.						
FRAMING, depth of girder						
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	9	2 1/2		9	2 1/2	
" in way of Engine and Boiler Space	9	2 1/2		9	2 1/2	
" thickness at the ends of vessel	9	2 1/2		9	2 1/2	
" depth at 1/2 the half breadth, as per Rule	9	2 1/2		9	2 1/2	
" height extended at the Bilges	9	2 1/2		9	2 1/2	
FLOORS in Cell. Double Bottoms						
" state if flanged (top & bottom)						
" Spacing of Solid floors						
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.						
" Angles, Top						
" Bottom						
" to Floors						
" Brackets at intermdt. frmg., wdth & thknss						
SIDE GIRDERS, number on each side & thickness						
" state if flanged (top and bottom)						
" Angles (top and bottom)						
" to Floors						
MARGIN PLATE, depth (exclusive of flange) and thickness						
" Angles to Outside Plating						
" Floors						
" Brackets at intermdt. frmg., wdth & thknss						
Height of Outside Brackets above at bilge						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						
" in Engine and Boiler space						
" Remainder in Holds						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 1/2	3	3 1/2	4 1/2	3	3 1/2
" In way of Long Bridge	4 1/2	3	3 1/2	4 1/2	3	3 1/2
" Spacing	40			40		
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Spacing						
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, 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.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
PILLARS, In 'tween Deck, size and spacing	2 1/2	40	2 1/2	40	
" Hold					
" Quarter 'tween Dks.					
" in Hold					

KEELSONS & STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate					
" Rider Plate					
" Flat Plate Keel Angles					
" Horizontal Plates on Floors					
" Angles or Bulb Angles (Length)	6	3	50	6	3
SIDE KEELSONS, Number one each side	6	3	50	6	3
" Angles or Bulb Angles (Length)	6	3	50	6	3
" Plate above floors, for length					
" Intercostal Plate, for length					
" Attached to outside Plating with Angle					
BILGE KEELSON, Angles					
" Intercostal Plate for length					
" Attached to outside Plating with Angle					
SIDE STRINGERS, Number					
" Angle					
" Intercostal Plate, for length					
" Attached to outside plating with Angle					
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	45	24	6	18	24
" " " " br'dth & thickness (in way of Bridge)	3	2 1/2	26	3	2 1/2
" " " " Angle (clear of Bridge)	6	24		6	24
" " Tie Plate at sides of Hatchways					
" Deck, * Iron or Steel, for Part of Hatchways					
" " Thickness (clear of Bridge)					
" " (in way of Bridge)					
" Wood Deck, Material & thickness	2	2 1/2		2	2 1/2
Second Deck Stringer Plate, br'dth & thickness					
" Angles on ditto, No.					
" Tie Plates outside Hatchways					
" Deck, * Iron or Steel, for length					
" Wood Deck, Material & thickness					
Third Deck Stringer Plate, br'dth & thickness					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Deck, * Material and 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					
" Angle on ditto					
" Tie Plates					
" Deck, Material and thickness					
Forecastle Deck Stringer Plate, br'dth & thickness					
" 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.

[illegible]

EQUIPMENT No. 2091										ANCHORS.										TONNAGE U.K. OR PLATING No. FOR TRAWLERS.										ANCHORS.									
Number of Certificate.		Anchors.		WEIGHT, EX. 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. cwt. qrs. lbs.			Cwts. qrs. lbs.																										
41235		1st Bower		3 2 4			3 2 4			5 18 3 0			3 2 0			Ordinary			S. Taylor & Sons			Liphook 9.13 E. & C. Perkins																	
41236		2nd "		3 2 0			3 14			5 18 3 0			3 2 0			do			do			do																	
		3rd "																																					
		4th "																																					
		Collective weight		4 0 4									4 0 0																										
✓		Stream		3 0									3 0			✓																							
✓		Kedge		2 0									2 0			✓																							
CHAIN CABLES.																														HAWERS 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 Cables.		Where and when tested, and Superintendent.		Material.		Length and Size supplied.		Breaking Test of Steel Wire Twine.		Length and Size per Table 31.																	
		Length. Diam.		Status. Break- ing.		Supplied. Per Rule.		Length. Diam.										Length. Cir.		Tons.		Fathoms. Cir.																	
42526		120 3/4		8.10.0 2.5.0		30.3.24 29.0.12		120		1 1/2 Shadlock		S. Taylor & Sons		Liphook 9.13 E. & C. Perkins		TOWLINE		11 1/2 45		2 4		95																	
																HAWERS & WARPS		90 3		Hemp		90 3																	
																		90 3				90 3																	
43528		45 1/2		8 1/2 3.0.0 6.0.0		7.2.4 7.1.0		45		3/4 Chain link		do		do																									
Boats		One Lifeboat + One Dingy																																					
Pumps, Number		Brenton pumps Three Hand pumps																																					
Windlass is		Hand Windlass Muns Fisher + Co. Ld. Paisley																																					
Engine Room Skylights.		How constructed?		Steel bracing + Hops + Bell eyes																																			
Coal Bunker Openings.		How constructed?		none																																			
Number of Scuppers,		and numbers and dimensions of		Freeing Ports, &c.		on each side + 4 freeing ports 23" x 9"																																	
Ceiling in Holds,		thickness and material		12" x 2 1/2 Rbk Pine																																			
Cargo Hatchways.		How formed?		Steel bracing 2 1/2" high sides 4 1/2" ends 4 0"																																			
State size No. 1 Hatch		(Forward)		23 1/4 x 10 0																																			
Number of Web Plates,		Shifting Beams and Fore and Afters		to each Hatch																																			
Bulwarks,		height above deck and description		2 0" high Steel 20 Gun tops 1 1/2" dia 5" girth Main Rail, material and size																																			
The foregoing is a correct description.																																							
Builder's Signature		(three only)		John Crau																																			
Correspondence.		State dates and initials of letters respecting this case		(Reference should be made in any correspondence connected with the case)																																			
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																																			
to plate, &c., conform well to each other?				Yes																																			
from the faying surfaces?				Yes																																			
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																																			
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?																																							

GENERAL REMARKS—(continued).

Blank area for general remarks.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ 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) *One deck part skel covered with wood + one tier of beams.*
Official No. _____; Signal Letters _____ State if Machinery is fitted aft *Yes*
How are the surfaces preserved from oxidation? Inside *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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank. (<i>Trimming tank forward</i>)	<i>6-8</i>	<i>5</i>
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.)		
			State whether the above have been tested as required by the Rules <i>Yes</i>		

Order for Special Survey No. *952*
Date *1912 December 1912*
No. *92* in builder's yard.
DATES of Surveys held while building
1913 April 8 16 23 30 May 7 13 20 June 2 4 11 14 18 19 26 July 1 5 7 13 14 28 29 31 August 4 11 15 20 21 28 29 September 1 5 9 23 29 October 7 9 13 15
Total No. of Visits *38*

Surveyor's Signature

J. M. Anderson