

474  
3224  
4F  
2 Dks., R.O. Dks.  
and Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

No. 3224

Survey held at Middlesbrough

On the steel screw steamer "Coramian" (Yard No. 156).

TONNAGE under Tonnage Deck... 1096.41

Do. of Poop 46.46

Do. of Raised Qr. 41.09

Do. of Break. 39.27

Do. of Bridge House 1223.23

Do. of Forecastle 43.57

Do. of Houses on Deck 1179.66

Do. of excess of Hatchways 391.43

Do. above Crown of Engine Room 17.76

Gross Tonnage 440.47

Less Crew Space

Less above Crown of Engine Room

Less Navigation Spaces

Register Tonnage cut on Beam

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

Date of completion of Report November 1901

Date, First Survey 10th April 1901

Port of Middlesbrough on Tees.

Last Survey 1st November (Slid) 1901.

Rig Schooner.

ONE DECKED VESSEL.

CLASS 100 A.1. Steel.

FEET.

Half Breadth (moulded) 17.37

Depth from upper part of Keel to top of Main Deck Bms. 17.27

Girth of Half Midship Frame (as per Rule) 31.79

1st Number (for R.R. 69.93) 66.43

Length on deck from after part of stem to fore part of stern post 223.71

2nd Number 14861

Proportions—Breadths to Length 6.44

Depths to Length—Main Deck to top of Keel 12.95

Destined Voyage from Valencia If Surveyed while Building, Afloat, or in Dry Dock Yes

Master William Evans

Year of appointment 1898

Built at Middlesbrough

When built 1901. Launched 11 Oct 1901

By whom built W. Harkness & Son.

Owners The Steamship "Guidonian" "Coramian"

Managers O. W. Williams.

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

Residence Cardiff.

Port belonging to Cardiff.

LENGTH on Deck as per Rule 223 8 1/2 BREADTH—Moulded 34 9 DEPTH—Actual 14 4 1/2 No. of Decks with Flat laid One No. of Tiers of Beams One Deep Frame Dimensions of Ship per Register, Length, 225.0 breadth, 35.1 depth, 17.8 Moulded Depth, 16 ft. 6 1/2 ins. Round of Beam, Actual 8 1/2 ins.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
AME, Angles, L or C Bars, for 1/2 length amidships	7 1/2	3	9 1/2	7 1/2	3	9	9
Do. for 1/2 at each end	7 1/2	3	8 1/2	7 1/2	3	8	8
Do. in way of Double Bottoms at Solid Floors	4	3	7 1/2	4	3	7	7
Do. in way of Double Bottoms at Intermt. Bks.	4	3	6 1/2	4	3	6	6
VERSED FRAME, Angles at intermt. Bks.	23 1/2	—	23 1/2	—	—	—	—
EP FRAMING, depth of girder	7 1/2	—	7 1/2	—	—	—	—
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	20	—	8 1/2	20	—	8	8
Do. in way of Engines and Boilers	—	—	9 1/2	—	—	9 1/2	9 1/2
Do. thickness at the ends of vessel	—	—	7 1/2	—	—	7 1/2	7 1/2
Do. depth at 1/2 the half breadth, as per Rule	50	—	50	—	—	—	—
Do. height extended at the Bilges	—	—	—	—	—	—	—
DOORS & BRACKETS, in Cell Dble Bottoms	—	—	—	—	—	—	—
Do. state if flanged (top & bottom)	—	—	—	—	—	—	—
Do. Spacing	—	—	—	—	—	—	—
NTRE GIRDER, in Double Bottom, depth and thickness	—	—	—	—	—	—	—
Do. Angles, Top	—	—	—	—	—	—	—
Do. Bottom	—	—	—	—	—	—	—
DE GIRDERS, number on each side & thickness	—	—	—	—	—	—	—
Do. state if flanged (top & bottom)	—	—	—	—	—	—	—
Do. Angles	3	3	7 1/2	3	3	7	7
RGIN PLATE, depth (exclusive of flange) and thickness	29	—	7 1/2	22	—	7	7
Do. Angles to Outside Plating	3 1/2	3 1/2	7 1/2	3 1/2	3 1/2	7 1/2	7 1/2
Do. Floors	3	3	7 1/2	3	3	7	7
Do. Height of Floors at the Bilges	14	—	14	—	—	—	—
IER BOTTOM PLATING, breadth and thickness of Middle Line Strake	35	—	8 1/2	35	—	8 1/2	8 1/2
Do. thickness in Engine and Boiler space	—	—	8 1/2	—	—	8 1/2	8 1/2
Do. Remainder in Holds	—	—	7 1/2	—	—	7 1/2	7 1/2
AMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	8 1/2	5 1/2	3	8 1/2	8 1/2
Do. Angles on Upper Edge	23 1/2	—	23 1/2	—	—	—	—
Do. Spacing	—	—	—	—	—	—	—
AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	—	—	—	—	—	—	—
Do. Angles on Upper Edge	—	—	—	—	—	—	—
Do. Spacing	—	—	—	—	—	—	—
AMS, Hold, Plate or Tee Bulb	—	—	—	—	—	—	—
Do. Angles on Upper Edge	—	—	—	—	—	—	—
Do. Spacing	—	—	—	—	—	—	—
AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	—	—	—	—	—	—	—
Do. Angles on Upper Edge	—	—	—	—	—	—	—
Do. Spacing	—	—	—	—	—	—	—
AMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	3	6 1/2	4 1/2	3	6	6
Do. Angles on Upper Edge	—	—	—	—	—	—	—
Do. Spacing	23	—	23	—	—	—	—
AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	3	6 1/2	4 1/2	3	6	6
Do. Angles on Upper Edge	—	—	—	—	—	—	—
Do. Spacing	23	—	23	—	—	—	—
PILLARS, In 'tween Decks, Size and Spacing	2 1/2	46	2 1/2	46	—	—	—
Do. Hold	3 1/2	46	3 1/2	46	—	—	—
Do. Quarter, 'tween Dks., in Hold	—	—	—	—	—	—	—
WEB FRAMES, In Fore Body, No. and Spacing	—	—	—	—	—	—	—
Do. Brdth. & Thickness	—	—	—	—	—	—	—
Do. No. of Side Stringers	—	—	—	—	—	—	—
WEB FRAMES, In E. & B. Space, No. and Spacing	—	—	—	—	—	—	—
Do. Brdth. & Thickness	—	—	—	—	—	—	—
Do. No. of Side Stringers	—	—	—	—	—	—	—
WEB FRAMES, In After Body, No. and Spacing	—	—	—	—	—	—	—
Do. Brdth. & Thickness	—	—	—	—	—	—	—
Do. No. of Side Stringers	—	—	—	—	—	—	—
Do. Size of Angles on Tee Bars to Web Frames	3	3	7 1/2	3	3	7	7
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	—	—	—	—	—	—	—



**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		Lower EDGES. Ordinary or Joggled?		RIVETING.								
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.			STRAPS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing.	Breadth.	Thickness.	Breadth.	Thickness.	For what Length.		
FLAT PLATE KEEL (If Bar Keel, state Riveting)	35	14	12	12	38	14	Double	6	3/8	1	3 1/2	1	3 1/2	10 1/2			
GARBOARD OR A STRAKE	40	11	10	11	11	11	Double	6	3/8	1	3 1/2	1	3 1/2	9			
B "	54	9	8	8	9	9	Double	5 1/2	3/8	1	3 1/2	1	3 1/2	7 1/2			
C "	46	10	8	8	10	10	Double	5 1/2	3/8	1	3 1/2	1	3 1/2	9			
D "	54	10	9	9	10	10	Double	5 1/2	3/8	1	3 1/2	1	3 1/2	9			
E "	39	10	8	8	10	10	Double	5 1/2	3/8	1	3 1/2	1	3 1/2	9			
F "	52	10	8	8	10	10	Double	5 1/2	3/8	1	3 1/2	1	3 1/2	9			
G "	44	10	8	8	10	10	Double	5 1/2	3/8	1	3 1/2	1	3 1/2	9			
H "	52	9	8	8	9	9	Double	5 1/2	3/8	1	3 1/2	1	3 1/2	7 1/2			
J "	44	11	8	8	11	11	Double	5 1/2	3/8	1	3 1/2	1	3 1/2	9			
K " (If Keel, state Riveting)	38	13	10	10	38	13	Double	5 1/2	3/8	1	3 1/2	1	3 1/2	9			
L " (If Keel, state Riveting)	45	8			8	8	Double	4 1/2	3/8	1	3 1/2	1	3 1/2	5 1/2			
M "																	
N "																	
O "																	
P "																	
DOUBLING OF Flat Plate Keel																	
Length and thickness of Bilges																	
of Sheerstrakes																	
of Strake below																	
POOP SIDES																	
RAISED QUARTER DECK SIDES																	
BRIDGE SIDES																	
FORECASTLE SIDES																	
LENGTHS OF PLATING																	

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, outside Plating, &c.?

Steel Plates - Bolckow Vaughan & Co. Angles - Corbett. Iron Plates - Corbett.

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

**FRAMES** extend in one length from *Middle Line* to *Starboard & Port Side* *Main & Raised Decks* *Ordinary.*

**REVERSED FRAMES** on floors and frames extend from *Middle Line to Starboard & Port Side* *state if ordinary or joggled* *Ordinary.*

*(Bulb Angle Deep Framing outside double bottom)*

**MASTS, SPARS, &c.**

LOWER MASTS...	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.		Head.	Number.	Size.	Seams.
Fore	Hotpine	64-10	16							
Main	Do	62-6	16							
Mizen										

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds *Galva Wire Manila* *Shrouds 3* *Stays 4*

Sails. *One Complete* Suit of *Bone & aft.* Sails and the following spare sails.

Equipment No. *6718* Letter *N.*

**ANCHORS.** Tonnage U.D.K. or Plating No. for Trawlers

Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 22			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
45707	1st Bower	26	1	17	26	0	0	26	0	0	26	0	0	26	0	0	26-8-01.
45706	2nd "	25	2	17	25	5	3	21	26	1	0	21	26	1	0	21-8-01.	
45709	3rd "	23	0	13	23	4	1	14	22	2	0	14	22	2	0	14-8-01.	
	Collective weight	75	0	8	75	0	0	75	0	0	75	0	0	75	0	0	75-8-01.
45800	Stream	7	1	9	7	1	3	13	9	11	2	4	1	0	0	11-9-01.	
45799	Kedge	3	2	11	3	2	11	6	0	3	2	11	6	0	3	2	11-9-01.

**CHAIN CABLES.**

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length & size per Table 22.	Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and size per Table 22.		
	Length.	Diam.		Supplied.	Per Table 22.						Length.	Diam.		Length.	Diam.	
22391	210	1 1/2	402	58	243	3	2	243	5	210	1 1/2	402	58	243	3	2

**HAWSERS AND WARPS.**

Number of Certificate.	Length and size supplied.		Test per Certificate.	Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and size per Table 22.					
	Length.	Diam.						Length.	Diam.		Length.	Diam.				
22391	210	1 1/2	402	58	243	3	2	243	5	210	1 1/2	402	58	243	3	2

**Boats.** *Two Life Boats (19 ft 9 in) & one Jolly Boat (15 ft)*

**Pumps.** Number *4* *Hand Pump connected to suction on each side of Main & Fore Peak.* *State whether they are in efficient working order* *Yes*

**Windlass.** *Imerson Walker & Thompson (Steam).* *Capstan* *Four steam winches.*

**Engine Room Skylights.** - How constructed? *Steel Plates and angles - Lead shutters.*

What arrangements for deadlights in bad weather? *Bulls eyes.*

**Coal Bunker Openings.** - How constructed? *Plate and angles.* How are lids secured? *Watch Bars.* Height above deck? *18 1/2*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *Three pairs before and three abaft Bridge (18 x 30).*

**Ceiling in Holds,** thickness and material *2 1/2* *Iron*

**Cargo Hatchways.** - How formed? *Steel Plates and Angles*

Hatches. - If strong and efficient? *2 1/2* *Solid.*

State size No. 1 Hatch (Forward) *19-2 x 16-0* No. 2 Hatch *21-1 x 16-0* No. 3 Hatch *17-3 x 16-0* No. 4 Hatch *19-2 x 16-0*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *Two Web Plates in No. 2 Hatch. One in each of the others.*

*Three wood fore and afters in each.*

No. of Breasthooks. *Four* No. of Crutches. *Two*

**Bulwarks.** height above deck and description *44 1/2* *Iron Plate & Strappings* Main Rail and Stays, material and size *5 1/2 x 3 1/2* *Bull Angle*

The above is a correct description.

Builder's Signature *(here only)* *Mark Kepp* Surveyor's Signature *Octavius Markesh.* *Surveyor to Lloyd's Register of British and Foreign Shipping.*

Form No. 1A.

**Correspondence.** - State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) *19th October (M)*  
*15th December (M) 1900. 21st January (M) 1901. 19th March (R) 1901.*

**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 at butts only.*

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. 23, par 24)? *Yes.* State results of tests. *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? *Yes.* State results of tests. *Satisfactory*

**General Remarks** (State quality of workmanship, &c.) *This steel screw steamer which is a duplicate of the S/S "Goidelien". Report No. 3478, has been built in accordance with the approved plans of Midship Section and Profile as amended, the Secretary's letters of the above-mentioned dates bearing on the Case, and in other respects as required by the Rules and Circulars for the Class contemplated.*

*The Workmanship is good throughout.*

*She has a Bilge Keel formed of bulb plate 1 1/2 x 2 1/2 and one angle 5 x 3 x 1/2 fitted for a length of about ninety feet amidships.*

*Work done at Sunderland:-* Casings fitted in new machinery. One tunnel plate riveted in place & tested. Butts of side stringers riveted up. Fly wheel hand pump & W.T. doors tested.

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

**PARTICULARS FOR RECORD in the REGISTER BOOK.** - Length of Keel *83.12* ft., R.Q.D. or Break *83.12* ft., Bridge Dk. *55.58* ft., F'castle *24.4* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated

*Raised Fore Deck. Bridge & Raised Quarter Deck joined.*

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 deck (pl. on pl. str.) and deep framing.*

Official No. *115364*; Signal Letters *✓* State if Machinery is fitted aft

How are the surfaces preserved from oxidation? Inside *Portland Cement & Paint.* Outside *Paint.*

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft, <i>and 7</i>	<i>78.58</i>	<i>158.88</i>	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,	<i>15.33</i>	<i>30.70</i>	Deep tank, forward		
Double bottom, forward,	<i>92.00</i>	<i>161.54</i>	Other tanks, if fitted,		

*351.05* (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. *540*

Date *14.5.01*

No. *156* in builder's yard

DATES OF SURVEYS held while building

*1901-April 10.16.22.25.30 May 3.6.7.10.20.23.30 June 4.6.11.12.17.21.25.27 July 1.11.15.18.24.30 Aug. 2.12.16.26.29 Sep. 2.4.5.9.11.13.18.19.24 Oct. 1.7.8.12.14.15.16*

*Sld - Nov. 1*

Total No. of Visits *49*

The amount of Entry Fee *£ 4 : 0 : 0* Fees applied for, *6 Nov. 1901.*

Special *£ 54 : 10 : 0* Received by me, *A.P.H.*

Travelling Expenses, if any *£ : : 12 Nov. 1901*

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

I am of opinion this Vessel should be Classed *100 A.1. Steel.*

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

Committee's Minute *FRI. NOV 15 1901*

Character assigned *100 A.1. Steel*

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

© 2021 Lloyd's Register Foundation