

Received from

Surveyor.

10001901

Spar, or Awning Dk.

IRON OR STEEL STEAMER.

No. 19299

Port of

Glasgow

Date of completion of Report

10 October

Received at London Office

Survey held at

Glasgow

Date, First Survey

10 January

Last Survey

3 October 1901

On the

Steel Screw Steamer

CORFE CASTLE

Rig

Schooner (2 masts)

TONNAGE under

Tonnage Deck...

4322.02

Do. between Tonnage Dk.

and 3rd, 4th, Spar or

Awning Dk.

Total under Upper Dk.

4322.02

Do. of Poop

34.41

Do. of Bridge House

Do. of Forecastle

57.69

Do. of Houses on Deck

102.86

Do. of excess of Hatchways

15.33

Do. above Crown of

63.08

Engine Room ..

Gross Tonnage

4572.41

Less Crew Space

169.74

Less above Crown of

63.08

Engine Room ..

FOR FEES...

4419.59

Engine Room

1469.57

Navigation Spaces

1894

55.02

Tonnage

2958.06

on Beam...

SPAR, AWNING OR PART AWNING-DECKED VESSEL,

or a Vessel having a continuous Shade Deck.

CLASS

00A1 Steel, Spar Dk.

FEET.

Half Breadth (moulded)

24.25

Depth from upper part of keel to top of Main Deck Beams

23.75

Girth of Half Midship Frame (as per Rule)

44.15

1st Number

92.15

Length

399.16

2nd Number

36782

Proportions—Breadths to Length

8.22

Depths to Length—Main Deck to top of Keel

12.98

Destined Voyage

Hamburg

Master

J. Rose (pro tem)

Year of Appointment

(1) As Master in service of owner of present vessel:—18. (2) As Master of this vessel:—1901

Built at

Glasgow

When built

1901

Launched 12th Sept.

By whom built

Barclay, Currie & Co. Ltd.

Owners

Union-Castle Mail S.S. Co. Ltd.

Managers

Residence

Port belonging to

London

If Surveyed while Building, Afloat, & in Dry Dock

TH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, top of Floors to Spar or Awning Dk. Beams	Feet.	Inches.	Power of	Horse.	No. of Decks with flat laid
er Rule	399	2	Moulded	48	6	Do. do. Main Deck Beams	27	7	Engines		No. of Tiers of Beams

Dimensions of Ship per Register, Length 401.7 breadth 48.65 depth 27.0 Spar or Awning Dk. Moulded depth, ft. 21 ins. 3 To Main Dk. Round up of Beam, Main Dk. 15 ins.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches per Rule Or as Approved.
Angles, or T.E. or L. Bars, for $\frac{1}{2}$ length amidships				KEEL, Bar or Side Plates, depth and thickness			
for $\frac{1}{2}$ at each end				STEM, moulding and thickness			
in way of Double Bottoms at Solid Floors ..				STERN-POST for Rudder do. do. ..			
at intermdt. Dkts. ..				" for Propeller ..			
ce of Frames from moulding edge to ..				MAIN PIECE of Rudder, diameter at head ..			
lding edge, all fore and aft				do. at heel ..			
RSED FRAME, Angles				RUDDER, how constructed ..			
FRAMING, depth of girder				Can the Rudder be unshipped afloat? ..			
RS, depth and thickness of Floor Plate ..				KEELSONS AND STRINGERS.			
at mid-line for $\frac{1}{2}$ length amidships ..				CENTRE LINE KEELSON, Vertical Plate above ..			
in way of Engines and Boilers				floors, Through Plate, or Intercoastal Plate ..			
thickness at the ends of vessel				" Rider Plate			
depth at $\frac{1}{2}$ the half-bdth. as per Rule ..				" Bulb Plate to Intercoastal Keelson			
height extended at the Bilges				" Horizontal Plates on Floors			
RS & BRACKETS, in Cell Dble Bottoms ..				" Angles			
Distance apart				SIDE KEELSON, Angles			
RE GIRDER, in Double bottom, depth ..				" Bulb or Plate above floors, for ..			
and thickness				" Intercoastal Plate, for ..			
" Angles, Top				Attached to outside plating with Angle ..			
" Bottom				BILGE KEELSON, Angles			
GIRDERS, number and thickness				" Bulb or Plate above floors, for ..			
Angles				" Intercoastal Plate, for ..			
IN PLATE, depth (exclusive of flange) ..				Attached to outside plating with Angle ..			
and thickness				BILGE STRINGER Angles			
Angles				" Bulb Plate, for ..			
BOTTOM PLATING, breadth and ..				" Intercoastal Plate, for ..			
thickness of Middle Line Strake ..				Attached to outside plating with Angle ..			
" thickness in Engine and Boiler space ..				SIDE STRINGER Angles			
Remainder in Holds				" Bulb or Intercoastal Plate, for ..			
S, Spar or Awning Deck, Single Angle, ..				Attached to outside plating with Angle ..			
Bulb Angle, Plate or Tee Bulb				Spar, or Awning Deck Stringer Plates, ..			
Angles on upper edge				breadth and thickness			
Average space				" Angle on ditto			
Main Deck, Single Angle, Bulb ..				" Tie Plates, fore and aft, outside Hatchways ..			
Angle, Plate or Tee Bulb				" Diagonal Tie Plates, No. of pss ..			
Angles on upper edge				Deck, * Iron or Steel, for ..			
Average space				Wood Deck, Material & thickness ..			
Lower Deck, Single Angle, Bulb ..				Main Deck Stringer Plate, breadth & thickness ..			
Angle, Plate or Tee Bulb				Angles on ditto, No. ..			
Angles on upper edge				Tie Plates, outside Hatchways ..			
Average space				Diagonal Tie Plates, No. of pss ..			
Hold, or Orlop, Plate or Tee Bulb ..				Deck, * Iron or Steel, for ..			
Angles on upper edge				Wood Deck, Material & thickness ..			
Average space				Lower Deck Stringer Plates, br'dth & thckn's ..			
Poop Deck, Angle, Bulb Angle, Plate ..				Angles on ditto, No. ..			
or Tee Bulb				Tie Plates, outside Hatchways ..			
Angles on upper edge				Deck, * Material and thickness ..			
Average space				Hold, or Orlop Stringer Plate, br'dth & thckn's ..			
Bridge Deck, Angle, Bulb Angle, Plate ..				Angles on ditto, No. ..			
or Tee Bulb				Tie Plates, outside Hatchways ..			
Angles on upper edge				Deck, Material and thickness ..			
Average space				Poop Deck Stringer Plate, breadth & thickness ..			
Forecastle Deck, Angle, Bulb Angle, ..				Angles on ditto			
Plate or Tee Bulb				Tie Plates			
Angles on upper edge				Deck, Material and thickness ..			
Average space				Bridge Deck Stringer Plate, br'dth & thickness ..			
PILARS, In 'tween Deck, size and spacing ..				Angle on ditto			
" Hold				Tie Plates			
" Quarter, 'tween Dks., " ..				Deck, Material and thickness ..			
" in Hold				Forecastle Deck Stringer Plate, br'dth & th'kns ..			
WEB FRAMES, In Fore Body, No. and spacing ..				Angle on ditto			
" br'dth. & thickness ..				Tie Plates			
" No. of Side Stringers ..				Deck, Material and thickness ..			
WEB FRAMES, In E. & B. Space, No. & spacing ..				BULKHEADS.			
" br'dth. & thickness ..				W. T. BULKHEADS			
" No. of Side Stringers ..				PARTITION "			
" Size of Angles or Tee Bars to Web Frames ..				LONGITUDINAL "			
" Web Frames, depth and thickness ..				Are the outside Plates doubled two spaces of Frames in length? ..			

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.		
FLAT PLATE KEEL	40	21	14	14	40	21	40	6	1	4	2	1	3 1/2	-	-	12	full		
GARBOARD OR A STRAKE	54	15	13	13	54	15	54	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	10 1/2	full		
B	12	12	10	10	12	12	12	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9	full		
C	11	11	9	9	11	11	11	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9	full		
D	12	10	10	10	12	12	12	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9	full		
E	12	9	9	9	12	12	12	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9+12	full		
F	13	10	10	10	13	13	13	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9+12	full		
G	12	9	9	9	12	12	12	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9	full		
H	13	10	10	10	13	13	13	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9	full		
J	12	9	9	9	12	12	12	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9	full		
K	13	10	10	10	13	13	13	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9	full		
L	12	9	9	9	12	12	12	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9	full		
M	46	13	10	10	46	13	46	5 1/4	7/8	3 3/4	2	1	3 1/2	-	-	9	full		
N	46	14	9	9	46	14	46	6	1	4	2	1	3 1/2	-	-	14	full		
O	46	17	9	9	46	17	46	6	1	4	2	1	3 1/2	-	-	16	full		
P																			
Q																			
DOUBLING OF FLAT PLATE KEEL	Flat keel plate & garboard strake increased in lieu of doubling																		
Length and thickness of Bilges	as ends of Budge as reqd.																		
Length and thickness of Sheerstrakes																			
Length and thickness of Strake below																			
POOP SIDES	10x8		7		10x8		7	Single	3	7/8	3 3/4	2	1	3 1/2	-	-	5	full	
BRIDGE SIDES									3	7/8	3 3/4	2	1	3 1/2	-	-	9x5	full	
FORECASTLE SIDES			7				7		3	7/8	3 3/4	2	1	3 1/2	-	-	5	full	
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.?																			
Siemens Process. Cyrebridge Mosses Glasgow Iron & Steel Co. Dazell's Lanarkshire Consett's Wallsend's Ebbw Vale's Palmers Iron & Steel Co.																			
Spar or Awning Butts, treble riveted for full length amidship.																			
Stringer Plate Straps, single, double or overlapped for full length amidship.																			
Main Stringer Butts, treble riveted for full length amidship.																			
Plate Straps, single, double or overlapped for full length amidship.																			
Butts of Bilge & Side Stringers and Tie Plates, treble double riveted?																			
Inner Bottom Plating, riveting of Edges 2" single Butts 2"																			
Centre Girder Butts, Treble riveted Keelson Butts, Treble riveted.																			
Frames, riveted through Plates with 7/8" in. Rivets, about 6 1/2" apart.																			
Rivets, state whether Iron or Steel Iron 5 1/2" dia. for																			
FRAMES extend in one length from this line to margin plate & from margin plate to upper bridge, poop & forecastle or REVERSED FRAMES on floors and frames extend from this line to margin plate & from margin plate to spar & every frame for 1/2 length & in after peak. To main & spar & all at ends. All over frames to spar & forecastle & so.																			
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.																			
Fore 90.6 23x7 1/2 22x12 1/2 19x7 1/2 18x6 1/2 2 Single Treble																			
Main 90.8 23x7 1/2 22x12 1/2 19x7 1/2 18x6 1/2 2 do do																			
Mizen 90.8 23x7 1/2 22x12 1/2 19x7 1/2 18x6 1/2 2 do do																			
Bowsprit																			
Topmasts, Yards and Remainder of Spars Steel & Pine																			
Rigging, Material and Size, Shrouds Galvanized Wire 2xman 3/4 Stays Galvanized Wire 7. Stay 4' in 3/4																			
Sails. Re Suit of working Sails, and the following spare sails																			
EQUIPMENT No. 44862 LETTER "Y" ANCHORS.																			
Number of Certificate. Anchors. Weight, Ex. Stock. Weight of Stock. Test, per Certificate. Weight Req. by Rule. Description of Anchor. Makers. Where and when tested and Superintendent.																			
243 1st Bower 58 3 0 58 3 0 47 12 2 0 58 3 0 Bys Patent Stockless W.L. Byers Ltd Sled 6/9/01 H. Welford																			
258 2nd " 58 2 14 do 47 11 1 0 58 2 0 do do 9/9/01 do																			
22340 3rd " 54 0 0 do 44 15 0 0 49 3 0 Britannia (Key Patent) do 10/7/01 C.E. Perkins																			
Collective weight 171 1 14 166 3 0																			
5064 Stream 14 0 6 3 3 3 15 2 2 0 14 0 0 Common R. L. & Sons Sled 27/8/01 S. Seathouse																			
22513 Kedge 7 0 0 1 2 25 9 5 0 0 7 0 0 do not stated Sled 26/8/01 C.E. Perkins																			
2nd Kedge																			
CHAIN CABLES. HAWSERS AND WARPS.																			
Number of Certificate. Fathoms. Size. Test per Certificate. Weight of Chain Cable. Fathoms and Size per Rule. Description. Makers of Cables. When and where tested, and Superintendent. Material. Fathoms. Size. Breaking Test of Steel Wire Towline. Fathoms and Size per Rule.																			
2550 135 2 3/4 120x8 1/2 652.0 645.3 270-23 2 1/2 27/8/01 Sled S. Seathouse Towline 120 4 3/4 47 120-4 3/4																			
22161 75 2 3/4 do 652.0 645.3 270-23 2 1/2 27/8/01 Sled S. Seathouse HAWSER 90 6 18 90-3																			
2551 45 2 3/4 do 652.0 645.3 270-23 2 1/2 27/8/01 Sled S. Seathouse WARP 90 3 18 90-3																			
15473 14 1/2 2 3/4 do 652.0 645.3 270-23 2 1/2 27/8/01 Sled S. Seathouse 2 90 8 90-7																			
Iron Stream Chain or Steel Wire 90 4 3/4 47 652.0 645.3 270-23 2 1/2 27/8/01 Sled S. Seathouse 2 90 7 90-7																			
Boats 4 Boats (2 lifeboats & 2 others)																			
Pumps, Number 10 in holds & deep tanks for fire peak Diameter of Barrel and Tail Pipe 4 hold 2 1/2 in peak 3 1/2 in																			
Windlass is Mason Walker & Thompson Patent Capstan																			
Engine Room Skylights. How constructed? Deck on steel casings																			
What arrangements for deadlights in bad weather? Deck shutters & bulls-eyes																			
Coal Bunker Openings. How constructed? Bulb angle How are lids secured? Battens Height above deck? 9' in case bridge																			
Number of Scuppers, and number and dimensions of Freeing Ports, &c.																			
Ceiling in Holds, thickness and material 2 1/2 in at top & hatch Ceiling 'tween Decks, thickness and material 2" white																			
Cargo Hatchways. How formed? Plates & angles Hatches, If strong and efficient? 38-3 thick																			
State size No. 1 Hatch (Forward) 22.0x16.0x30 No. 2 Hatch 26.0x16.0x30 No. 3 Hatch 26.0x16.0x30 No. 4 Hatch 22.0x16.0x30																			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 2 webs & 3 fore & afters in each hatch																			
No. of Breasthooks Nine No. of Crutches																			
Bulwarks, height above deck and description 4 ft 6 in - 5/16 steel Main Rail, material and size 6x3x9 in																			
The above is a correct description.																			
Builder's Signature (here only) R. Ferguson Surveyor's Signature Thomas Warren																			
Surveyor to Lloyd's Register of British & Foreign Shipping.																			

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

1/2/00, 2/2/00, 10/9/01 M. 22/10/01 E

Workmanship. Are the butts of plating planed or otherwise fitted?

Planed & fitted

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 plating?

a few only

Are the butts of Plating, Stringers, &c., properly shifted and strapped?

Yes

General Remarks (State quality of workmanship, &c.)

The workmanship throughout is good. The vessel has been built in accordance with the approved plans, the Secretariat letter referred to, and in general conformity with the requirements of the class contemplated.

The main pumps, decks & watertight doors have been tested as required & found to be satisfactory.

This vessel is fitted with an installation of Electric Light.

N.B.

The pumping arrangements are similar to what are fitted in the S.S. "Aros Castle" S.S. report No. 19181

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

Particulars for Record in the REGISTER BOOK.—Length of Poop 36.0 ft., R.Q.D. or Break — ft., Bridge Dk. 102.4 ft., F'castle 40.0 ft. (feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

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 would appear in the Register Book)

10x Steel & Spar Deck Steel & deep framing

Official No. —; Signal Letters

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

Cell de Beton

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	116	278	Fore peak tank,	✓	✓
Double bottom, forward,	154	456	After peak tank,	✓	✓
Double bottom, under Engines and Boilers,	82	283	Midship deep tank,	32	707
Double bottom, if under Engines only,	✓	✓	Other tanks, if fitted,	✓	✓
Double bottom, if under Boilers only,	✓	✓	(If necessary, furnish further information by sketch.)	✓	✓

State whether the above have been tested as required by the Rules

Yes

For Special Survey No. 3419

Date 21/9/01

For Ordinary Survey No. ✓

Date

428 in builder's yard

DATES of Surveys held while building as per Section 18.

- 1st. On the several parts of the frame, when in place, and before the plating was wrought
- 2nd. On the plating during the process of riveting
- 3rd. When the beams were in and fastened, and before the decks were laid
- 4th. When the ship was complete, and before the plating was finally coated or cemented
- 5th. After the ship was launched and equipped

1901: Jan. 10, 15, 21, 24, 28, 31, Feb. 6, 12, 18, 20, 22, 27, Mar. 4, 7, 11, 18, 21, 22, 25, 28, Apr. 3, 5, 10, 12, 15, 22, 26, 30, May 3, 6, 8, 14, 16, 20, 23, 28, 31, Jun. 3, 5, 7, 10, 13, 17, 21, 28, 27, Jul. 1, 3, 5, 10, 29, Aug. 5, 7, 12, 29, 22, 28, Sep. 3, 6, 10, 11, 18, 25, Oct. 1, 3

Total No. of Visits

68

Amount of Entry Fee

Special Survey Fee

Travelling Expenses, if any

Fees applied for,

Received by me,

Received by me,

Received by me,

Received by me,

Received by me,

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Received by me,

Received by me,

Received by me,

Received by me,

Certificate to be sent to

Glasgow

Thomas Warren & F.R. Robert
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned

Glasgow, 14 OCT. 1901

+ 100 H (Steel)

"Spar d.k."

When fee paid

S. & C. P.