

Awning or Shelter Deck, STEEL STEAMER.

or Pt. Awning Deck.

No. 16701
WED. JUN. 17. 1914

Port of Greenock Date of completion of Report 13th June 1914 Received at London Office
Survey held at Campbeltown Date, First Survey 23/12/13 Last Survey 9th June 1914
On the Single Screw Steamer "CATO" Rig Schooner

TONNAGE under Tonnage Deck...
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.
Total under Upper Dk. 576.85
Do. of Poop 23.70
Do. of Forecastle 3.33
Do. of House 9.62
Do. of Houses on Deck 28.94
Do. of excess of Hatchways
Do. above Crown of Engine Room 58.06
Gross Tonnage 710.50
Less Crew Space 46.11
Less above Crown of Engine Room 58.06
TONNAGE FOR FEES... 606.33
Less Engine Room 351.38
Less Navigation Spaces 22.45

CLASS 100 A1 Shelter Dk
Breadth (greatest moulded) 30.75
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 21.00
Deduct height of 'tween deck when this does not exceed 8ft. 7.00
Transverse Number 4475
Length on deck from fore part of stem to after part of sternpost 230
Longitudinal Number 10292.5
Depth "d" at middle of length. See Secs. 2 & 13... 11.33
Proportions, Depth to Length, Uppermost Continuous Deck at side to top of keel 10.95
" " Upper Deck at side to top of keel 16.42

Master Arthur Poole
Year of Appointment 1894
Built at Campbeltown
When built 1914 Launched 9/5/14
By whom built Campbeltown Shes
Owners Bristol & N. Har Co Ltd
Managers
Residence Bristol
Port belonging to Bristol

Register Tonnage as cut on Beam... 290.56

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

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Ft.	Ins.	No. of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
	230	0		30	9		18	11		18	11	2	2
Dimensions of Ship per Register, Length <u>231</u> breadth <u>30.9</u> depth <u>12.0</u> Upper Deck. Moulded depth, ft. <u>21</u> ins. <u>0</u> To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual <u>75</u> ins.													
Moulded depth, ft. <u>14</u> ins. <u>0</u> To Upper Dk.													

FRAMING.							PILLARS.						
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule
FRAME, Angles, or E or L Bars, amidships	5	3	38	5	3	38	PILLARS, In 'tween Deck, size and spacing	2 1/4	44	2 1/4	44	2 1/4	44
Do. in peaks	4 1/2	3	34	4 1/2	3	34	" " Hold	2 1/4	-	2 1/4	-	2 1/4	-
Do. in way of Double Bottoms at Solid Floors	3	3	30	3	3	30	" " Quarter, 'tween Dks.,						
" " at intermdt. Bkts.	4	3	32	4	3	32	" " in Hold						
Spacing of Frames from centre to centre amidships	22			22			KEELSONS AND STRINGERS.						
" length to collision bulkhead							CENTRE LINE KEELSON, Vertical Plate above						
" of Frames from centre to centre in peaks							floors, Through Plate, or Intercoastal Plate						
REVERSED FRAME, Angles	3	3	30	3	3	30	" " Rider Plate						
Do. in way of Double bottoms at Solid Floors	none						" " Flat Keel Plate Angles						
" " at intermdt. Bkts.							" " Horizontal Plates on Floors						
FRAMING, depth of girder							" " Angles or Bulb Angles						
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	6 30		6 40	6 30	6 40		SIDE KEELSONS, Number						
" in way of Engine and Boiler spaces							" " Angles or Bulb Angles						
" thickness at the ends of vessel							" " Plate above floors, for	length					
" depth at 1/2 the half bth. as per Rule							" " Intercoastal Plate, for	length					
" height extended at the Bilges							" " Attached to outside plating with Angle						
FLOORS & BRACKETS, in Cell Dble Bottoms			30		30		BILGE KEELSON, Angles						
" " state if flanged (top & bottom)							" " Intercoastal Plate, for	length					
" " spacing							" " Attached to outside plating with Angle						
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	32		40	32	40		SIDE STRINGERS, Number						
" " Angles, Top	3 1/2	3 1/2	44	3 1/2	3 1/2	44	" " Angle						
" " Bottom	5	5	62	5	5	62	" " Intercoastal Plate, for	ing.					
" " to Floors	3	3	30	3	3	30	" " Attached to outside plating with Angle						
SIDE GIRDERS, number and thickness	one		30	one	30		Awning or Shelter Deck Stringer Plates, breadth and thickness	36	42	36	42		
" " state if flanged (top & bottom)							" " Angle on ditto	3 1/2	3 1/2	44	3 1/2	3 1/2	44
" " Angles	3 1/2	3 1/2	30	3 1/2	3 1/2	30	" " Tie Plates, fore and aft, outside Hatchways						
MARGIN PLATE, depth (exclusive of flange) and thickness	20		34	20	34		" " Deck * Iron or Steel, for whole lng.		34		34		
" " Angles to outside plating	3 1/2	3 1/2	34	3 1/2	3 1/2	34	" " Wood Deck, Material & thickness						
" " to floors	3	3	30	3	3	30	Upper Deck Stringer Plate, breadth and thickness	40	34	34	34		
" " Height of Brackets above at bilge			8		8		" " Angles on ditto, No.	2	3	34	3	3	34
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	57		35	57	35		" " Tie Plates, outside Hatchways						
" " thickness in Engine and Boiler space	8 3/4		46	8 3/4	46		" " Deck * Iron or Steel, for whole lng.		34		34		
" " Remainder in Holds			34		34		" " Wood Deck, Material & thickness						
BEAMS, Awning or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	6 1/2	3	40	6 1/2	3	40	Second Deck Stringer Plates, breadth & thickness						
" " Angles on upper edge							" " Angles on ditto, No.						
" " Spacing	44			44			" " Tie Plates, outside Hatchways						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3	42	7	3	42	" " Deck * Material and thickness						
" " Angles on upper edge							Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness						
" " Spacing	44			44			" " Angles on ditto, No.						
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel							" " Tie Plates, outside Hatchways						
" " Angles on upper edge							" " Deck, Material and thickness						
" " Spacing							Peep Deck Stringer Plate, breadth & thickness						
BEAMS, Peep Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" " Angles on ditto						
" " Angles on upper edge							" " Tie Plates						
" " Spacing							" " Deck, Material and thickness						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							Bridge Deck Stringer Plate, breadth & thickness						
" " Angles on upper edge							" " Angle on ditto						
" " Spacing							" " Tie Plates						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" " Deck, Material and thickness						
" " Angles on upper edge							Forecastle Deck Stringer Plate, breadth & thickness						
" " Spacing							" " Angle on ditto						
" " Tie Plates							" " Tie Plates						
" " Deck, Material and thickness							" " Deck, Material and thickness						

[illegible]

EQUIPMENT No. 11676 LETTER N										ANCHORS.							
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.			
42238	1st Bower	26	1	7	proph test extd	25	16	1	0	25	2	0	Tellows Stockless	Tellows Bros	Lipton 18/4/14	E. Curina	
42249	2nd "	26	0	21	supplied for	25	14	1	14	25	2	0	"	"	"	"	
42248	3rd "	22	2	21	C's heads	22	16	3	14	22	0	0	"	"	"	"	
	Collective weight	75	0	21						73	0	0					
42237	Stream	6	2	0	1	2	21	8	15	0	0	6	2	0	Ordinary	"	16/4/14
42236	Kedge	3	2	0	3	14	5	18	3	0	3	2	0	"	"	"	

If Patent State Name of Patentee.

ANCHORS AND WARPS

If Stockless, state Mechanical Details.

CHAIN CABLES.										HAWSERS AND WARPS.									
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.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.		Length.	Cir.
	Length.	Diam.	Stat.	Break.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.		Length.	Ins.		
43666	210	1 9/16	40 2/10	58 7/10	244.0	12.242.0	5	210	1 13/16	Tellows Bros	Tipton 16/4/14 E. Curina	TOWLINE 88W	90	3 1/4	22	90	3 1/4		
												HAWSERS & WARPS	90	2 1/4	9 1/2	90	2 1/4		
													90	2	7	90	2		
Iron-Stream Chain Steel Wire...	75	3 1/2		26				75	3 1/2	Craven, Speeding Bros	17/4/14								

Boats 2 life and one other

Pumps, Number as per approved plan

Windlass is by Emerson Walker, Thompson Bros Ltd

Engine Room Skylights.—How constructed? of steel plates and angles What arrangements for deadlights in bad weather? bull eyes in lids

Coal Bunker Openings.—How constructed? of cast iron How are lids secured? bayonet joint Height above deck? flush

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 4 scuppers each side one freeing port in bulwark amidships

Ceiling in Holds, thickness and material 2 1/2 and 3 wp

Cargo Hatchways.—How formed? of steel plates and angles

State size No. 1 Hatch (Forward) 20-11-11 **No. 2 Hatch** 20-11-11 **No. 3 Hatch** 20-11-11 **No. 4 Hatch** 14-8-11-11

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 3 web plates in nos 1, 2, 3 two in no 4 no fore afters

No. of Breasthooks 3 and deep floors **No. of Crutches** deep floors

Bulwarks, height above deck and description open rails, bulwark amidships Main Rail and Stays, material and size

The foregoing is a correct description.

Builder's Signature (here only) Campbell & Sons Shipbuilders

Surveyor's Signature A. Bennett

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

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

1/12/13 m 2/12/13 m 9/12/13 m 19/12/13 m 6/1/14 m 13/1/14 E

Freeload 22/5/14 m

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 faying surfaces? yes

Do any rivets break into or through the seams or butts of the 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.) The workmanship is good and the vessel has been built in accordance with the Rules and to the approved plans (4 in no) which together with the foregoing reports are attached hereto.

Plans

Midship Section

Longitudinal plan

Header plan

Pumping Arrangement

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

The amount of Entry Fee £ 3 : 0 : 0

Special Survey Fee.... £ 30 : 6 : 0

Travelling Expenses, if any £ 8 : 6 : 0

Fees applied for, 13/6/14

Received by me, 17/6/14

Certificate to be sent to GREENOCK Date of issue 19/6/14

State whether the Vessel has been built under Special Survey yes

In my opinion this Vessel should be Classed 100 A1 Shelter deck

With, or without Freeboard, as condition of Class

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

Committee's Minute GLASGOW 16 JUN. 1914

Character assigned 100 A1

Shelter DK. with fbs 5 10 1/2"

6 1/4

Lloyd's Assoc

+ L.M.C. 6/14

Chk.

RETAIN

© 2020 Lloyd's Register Foundation

W439-0007(212)

GENERAL REMARKS—(continued).

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 if should appear in the Register Book) 1 PK (ett) - Shelter Deck (ett)

Official No. 134703; Signal Letters - State if Machinery is fitted amidships
How are the surfaces preserved from oxidation? Inside by Portland cement & paint 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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	53.16	53	Fore peak tank,		
Double bottom, under Engines and Boilers,	33.06	53	After peak tank,		18
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	91.66	104	Other tanks, if fitted,		
	Total capacity of double bottom	213	(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. 2767
Date 14th Nov. 1913
No. 99 in builder's yard.

DATES OF SURVEYS held while building

1913. Dec. 23. 1914. Jan. 13. 29. Feb. 18. March. 6. 20. April 2. 16. 28. 29. May 14. 27. June 9.

Surveyor's Signature

Bennett

© 2020

Total No. of Visits 14

Lloyd's Register Foundation