

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office 26-10-20.

Date of completion of report 25 October 1920 Port of *Spanish*
Survey held at *St. Yarmouth* Date, First Survey 23rd August 1918 Last Survey October 6 1920 No. 83641

On the (State if Single, Twin, or Triple Screw) *Single screw steamer "St. Aristoll"*
TONNAGE under 369.75
Do between Tonnage Dk. and 4th Dk.
under Upper Dk.

CLASS *A.1. (Steel) for Towing purposes*

Rig ✓

Master ✓

Year of appointment (1) As Master in service of owner of present vessel: 10 (2) As Master of this vessel: 19

Built at *Great Yarmouth*

When built 10-1920 Launched 20-3-1920

By whom built *Messrs Grattier & Co.*

Owners *Admiralty*

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

Residence

Port belonging to *London*

Bridge House
Forecastle
Uses on Dk.
Uses of Hatchways
Crown of Room
Tonnage 412.67
Space
Crown of Room
FOR FEES...
Room
ation Spaces
Tonnage 8.23
Beam 8.23

Breadth (greatest moulded) 29.0
Depth, at middle of length from top of keel to top of upper deck beams at side 16.0
Transverse Number 45.0
Length on deck from fore part of stem to after part of stern post 135.0
Longitudinal Number 6070
Depth "d," at middle of length (See Secs. 2 & 13) 14.33
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 8.4
Long Bridge Deck Beam at side to top of keel ✓

Destined Voyage *S. America*

If Surveyed while Building, Afloat, or in Dry Dock *Yes*

On Deck Rule 136 Breadth Moulded 29 Depth, ACTUAL—Top of Floors to top of Upper Dk. Beams 14
Do. do. do. do. Second Dk. Beams 11
No. of Decks with flat laid one
No. of Tiers of Beams one

Length 135.5 breadth 29.1 depth 13.65 Moulded depth, ft. 16 To Bridge Dk. Round of Upper Dk. Beam, Actual 7

FRAMING.				PILLARS.			
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Angle, E L Bars amidships	6	3	32	6	3	32	
peaks	6	3	32	6	3	32	
way of Double Bottoms at Solid Floors							
at intermdt. Bkts.							
Frames from centre to centre amidships	22		22				
from #	22		22				
length to Collision bulkhead	22		22				
in peaks.	22		22				
ED FRAME, Angles							
way of Double Bottoms at Solid Floors	3	3	42	3	3	42	
at intermdt. Bkts.							
G, depth of girder	6		6				
depth and thickness of Floor Plate	20		20				
at mid-line for # length amidships							
way of Engine and Boiler Spaces	B.S. 42		E.S. 42				
thickness at the ends of vessel	E.S. 40		E.S. 42				
at # the half breadth, as per Rule	32		32				
ht extended at the Bilges							
n Cell, Double Bottoms	24		24				
state if flanged (top & bottom)	3	3	24	3	3	24	
spacing of Solid floors	22		22				
IRDER, in Dbl. bottom, dpth. & thknss	36		30	36		30	
Angles, Top	2 1/2	2 1/2	30	2 1/2	2 1/2	30	
Bottom	2 1/2	2 1/2	30	2 1/2	2 1/2	30	
to Floors	2 1/2	2 1/2	30	2 1/2	2 1/2	30	
ockets at intermdt. frng., wdth & thknss							
ERS, number on each side & thickness	one		24	one		24	
state if flanged (top and bottom)	no		no				
Angles (top and bottom)	2 1/2	2 1/2	24	2 1/2	2 1/2	24	
to Floors	2 1/2	2 1/2	24	2 1/2	2 1/2	24	
ATE, depth (exclusive of flange) and thickness							
to Outside Plating	3		3				
Floors							
ockets at intermdt. frng., wdth & thknss							
ht of Outside Brackets above at bilge							
OTTOM PLATING, breadth and thickness of Middle Line Strake	42		28	42		28	
in Engine and Boiler space							
Remainder in			28			28	
er Deck, Single Angle, Bulb	5	3	34	5	3	34	
ay of	5	3	30	5	3	30	
ing	22		22				
nd Deck, Single Angle, Bulb							
ngle, Plate, Tee Bulb, or Channel							
ing							
and Fourth Deck, Single Angle							
ngle, Plate, Tee Bulb, or Channel							
es on upper edge							
ng							
Deck, Angle, Bulb Angle, Plate							
Bulb, or Channel							
s on upper edge							
BEAMS, Deck, Angle, Bulb Angle, Plate	3	3	30	3	3	30	
Angles on upper edge							
Spacing	44		44				
BEAMS, Forecastle Deck, Bulb Angle, Plate, Tee Bulb, or Channel	6	3	32	6	3	32	
Angles	5	3	34	5	3	34	
Spacing	22		22				

PILLARS.				KEELSONS & STRINGERS.			
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS In 'tween Deck, size and spacing	2 1/2, 2 1/2, 3	2 1/2, 2 1/2, 3	2 1/2, 2 1/2, 3				
" Hold	spaced 44"	spaced 44"	spaced 44"				
" Quarter 'tween Dks.	to suit	to suit	to suit				
" in Hold	accommodation	accommodation	accommodation				
KEELSONS & STRINGERS							
CENTRE LINE KEELSON	20	42	20	42			
Rider Plate	18	32	18	32			
Flat Plate Keel Angles	B.S. 42	B.S. 42	B.S. 42	B.S. 42			
Horizontal Plates on Floors							
Angles on Bulb Angle	3	3	42	3	3	42	
SIDE KEELSONS, Number	3	3	30	3	3	30	
Angles or Bulb Angles							
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)	36	30-28	36	30-28			
" " " " br'dth & thickness (in way of Bridge)							
" " " " Angle (clear of Bridge)	3 x 3	30	3 x 3	30			
" Tie Plate at sides of Hatchways							
Deck, Steel, for full lng.	30-24		30-24				
Thickness (clear of Bridge)							
" (in way of Bridge)							
Wood Deck, Material & thickness							
Stringer Plate, br'dth & thickness	33	30	33	30			
Angles on ditto, No.	flanged to shell						
Tie Plates outside Hatchways							
Deck, Steel, for lng.	24		24				
Wood Deck, Material & thickness	White pine 9x2		White pine 9x2				
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							
Boat Deck, Material and thickness							
Deck Stringer Plate, br'dth & thickness	9	26	9	26			
Angle on ditto	5 x 3	38	5 x 3	38			
Tie Plates	7	25	7	25			
Deck, Material and thickness	P.Pine 5x2		P.Pine 5x2				
Forecastle Deck Stringer Plate, br'dth & th'kns	33	28	33	28			
Angle on ditto	3 x 3	30	3 x 3	30			
Tie Plates							
Deck, Material and thickness	Steel	28		28			

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[illegible]

EQUIPMENT No.		LETTER				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 TARIFF		Description of Anchor.	Makers.	Where and when tested and Superintendent.
30859 30864	1st Bower ... 2nd " ... 3rd " ... 4th " ... Collective weight. Stream Kedge.....	Cwts. qrs. lbs. 10 2 18 10 2 10	Cwts. qrs. lbs. — — — — — —	Tons cwt. qrs. lbs. 12 10 3 21 12 10 3 21	Tons cwt. qrs. lbs. 10 2 0 10 2 0					" "	H. Griffin & Sons " " " " " " " " " S. E. Paul.	Bradley Heath 11/19/15 " " " 11/8/15 " " " 11/8/15 " " " 11/8/15 H. Griffin & Sons
Particulars of Drop Test of Cast Steel Anchors, viz. — Weights, Surveyor's Initials, Number of Certificate, Date of Test.												
1st Bower 6 cwt. 3 qrs. D.D.W. 1834. 13-5-1915. 2nd " 6 cwt. 2 qrs. D.D.W. 1166 25-9-1915. 3rd " 4th "												
CHAIN CABLES.												
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and Size.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	HAWSERS AND WARPS.				
	Length. Diam.	Stations. Break-ing. Tons.	Supplied. Per Rule.	Per Rule. Length. Diam.	Fathoms. Ins.			Material	Length and size supplied.	Breaking Test of Steel Wire.	Length and Size per Table 31.	
	180 1 1/2	22 34 118	180 1 1/2	180 1 1/2	180 1 1/2	L.P.H.T. 53864		TOWLINE	180 1 1/2	118	180 1 1/2	
	60 3/4	22 34 118	60 3/4	60 3/4	60 3/4			HAWSERS & WARPS	180 1 1/2	118	180 1 1/2	
Boats 2 Lifeboats Pumps, Number 1. Drorton Windlass is Steam. Engine Room Skylights.—How constructed? Steel plates & angles Coal Bunker Openings.—How constructed? Steel plates & angles Number of Stoppers, and numbers and dimensions of Freeing Ports, &c. 4 stoppers. 5 freeing ports Ceiling in hold, thickness and material 2 1/2 White pine Cargo Hatchways.—How formed? ✓ State size No. 1 Hatch (Forward) ✓ No. 2 Hatch ✓ No. 3 Hatch ✓ No. 4 Hatch ✓ Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. ✓ Bulwarks, height above deck and description 3'-6" Steel plates 24 The foregoing is a correct description. GRABTREE & CO., LTD. Builder's Signature (here only) J. A. Chamberlain. Surveyor's Signature A. G. Farmer Surgeon to Lloyd's Register of Shipping.												
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? Yes 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 Do the holes for riveting plate to frames, butt straps, or plate Are the rivet holes well and sufficiently countersunk in the plate and punched Do any rivets break into or through the seams or butts of the plating? Very 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 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.) This vessel has been built in accordance with the Rules, the plans, & specification. The workmanship and materials are good throughout. Plans of Hull sections, Framing, Bulkheads (2) Star frame made. + Stem												
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.												
The amount of Entry Fee £ 45 = 6 = 0 Special Survey Fee.... £ 2 : 2 : 0 Travelling Expenses, if any £ 15 : 12 : 20 Fees applied for, 20 OCT 1920 Received by me, 15-12-20 RHW Certificate to be sent to Date of Issue 31.12.20 State whether the Vessel has been built under Special Survey Yes I am of opinion this Vessel should be Classed + A.1 For towing purposes With, or without Freeboard, as condition of Class Without. Committee's Minute Character assigned for towing purpose Lloyd's A.S.B.O. A.G. Farmer Surveyor to Lloyd's Register of Shipping.												

WEB
WEB-FRAMES, In
" " No. of
WEB-FRAMES.
" " No. of
" " Size of F
BRACKET PL
Web Frames,
BULKHEAD
W.T.BULKHEAD
Nº 6 A
55
67
" COLLISION
PARTITION
LONGITUDIN
Are the outside
Are the Sluice
STRAI
FLAT PLATE
(If Bar Keel, etc.)
GARBOARD OR
State actual
thickness in
way of Double
Bottom.
THICKNESS
CLEAR OF
DO. OF
DBLG. OF F
Length at
POOP SIDE
SHORT BR
FORECAST
Upper D
Stringer
Second I
Stringer
FRAMES
REVERS
LOWER
Bowspr
Topmas
Riggin
Sails.

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 as should appear in the Register Book) 1 Deck Steel

Official No. 145042; Signal Letters

State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Paint + Cement.

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,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if <u>in way of Engines only, Reserve Tank</u>	<u>16.5</u>	<u>19</u>	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(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.

Date

No. 175 in builder's yard.

DATES of Surveys held while building

1918 Aug 23 1919 Feb 12 Mar 4 17 25 Apr 3 10 24 May 1 8 22 27 June 2 12 16 25
July 2 11 30 Aug 21 Sep 12 22 25 Oct 9 16 31 Nov 12 19 (1920) Feb 5 11 19 20 25 27
Mar 18 25 Apr 9 14 15 23 May 6 13 26 June 3 16 23 30 July 26 Sep 17 20 22 27 29 30
Oct 5 6.

Total No. of Visits 56

Surveyor's Signature A.E. Larman R. J. Ward 15. Acute