

~~Awning or Shelter Deck~~  
~~or Pt. Awning Deck~~

# STEEL STEAMER.

No. 66011

State if Report is also sent on the Machinery of the Vessel *Yes (Machinery Report)*  
Port of *Newcastle-on-Tyne* Date of completion of Report *24<sup>th</sup> April 1914* Received at London Office *THU. MAY 7-1914*  
Survey held at *Howdon-on-Tyne* Date, First Survey *17<sup>th</sup> April* Last Survey *1914*  
On the (State if Single, Twin, or Triple Screw) *Single screw Steel Steamer "FRISIA"* Rig *Schooner*

TONNAGE under Tonnage Deck *4696.19*  
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. *115.54*  
Total under Upper Dk. *4811.56*  
Do. of Poop *115.54*  
Do. of R. or Dk. *5.18*  
Do. of Bridge Houses *57.00*  
Do. of Forecastle *20.86*  
Do. of Houses on Deck *89.84*  
Do. of excess of Hatchways *4984.61*  
Do. above Crown of Engine Room *173.05*  
Gross Tonnage *4984.61*  
Less Crew Space *173.05*  
Less above Crown of Engine Room *4811.56*  
TONNAGE FOR FEES... *1895.08*  
Less Engine Room *226.72*  
Less Navigation Spaces *26.07*  
Register Tonnage *3136.74*  
as cut on Beam...

CLASS *100A1.*  
Breadth (greatest moulded) *51.66*  
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *31.00*  
Deduct height of 'tween deck when this does not exceed 8ft. *8*  
Transverse Number *82.66*  
Length on deck from fore part of stem to after part of sternpost *410.0*  
Longitudinal Number *33890*  
Depth "d" at middle of length. See Secs. 2 & 13... *17.33*  
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *10.51*  
" " " Upper Deck at side to top of keel *10.51*

Master - *Rhode*  
Year of Appointment *1914*  
Built at *Howdon-on-Tyne*  
When built *1914* Launched *27<sup>th</sup> January 1914*  
By whom built *Northumberland S. B. Co. Ltd.*  
Owners *The Hamburg America Line*  
Managers *(Where necessary to be entered in Reg. Book.)*  
Residence *Hamburg*  
Port belonging to *Hamburg*

Destined Voyage *Antwerp* If Surveyed while Building, Afloat, or in Dry Dock *Special Survey*

LENGTH on Deck as per Rule *410* Ft. Ins. *—* BREADTH Moulded *51* Ft. Ins. *8* DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams *39* Ins. *0* To Awn. or Shelter Dk. Round up of Uppermost Dk. Beam, Actual *22* Ins. *3*  
Do. Do. Upper Deck Beams *31* Ins. *0* To Upper Dk. No. of Tiers of Beams *3*  
Dimensions of Ship per Register, Length *410.1* breadth *51.95* depth *28.5* Upper Deck. Moulded depth, ft. *31* ins. *0* To Upper Dk.

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	
FRAME, Angles, or E or L Bars, amidships	9 1/2	3 1/2	54	9 1/2	3 1/2	PILLARS, in 'tween Deck, size and spacing	As per approved plan				
Do. in peaks	7	3 1/2	44	7	3 1/2	" " Hold	As per approved plan				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	" " Quarter, 'tween Dks.,	As per approved plan				
" " " B.A. at intermdt. Bkts.	7 1/2	3 1/2	44	7 1/2	3 1/2	" " in Hold					
Spacing of Frames from centre to centre amidships	26			26		KEELSONS AND STRINGERS.					
" length to collision bulkhead	26			26		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate					
" of Frames from centre to centre in peaks	24			24		" Rider Plate					
REVERSED FRAME, Angles	Bulb Angle frames					" Flat Keel Plate Angles					
Do. in way of Double bottoms at Solid Floors	Flom flange to tank top					" Horizontal Plates on Floors					
" " " at intermdt. Bkts.	7	3	40	7	3	" Angles or Bulb Angles					
FRAMING, depth of girder	9 1/2			9 1/2		SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						" Angles or Bulb Angles					
" in way of Engine and Boiler spaces						" Plate above floors, for length					
" thickness at the ends of vessel						" Intercostal Plate, for length					
" depth at 1/2 the half-bdth. as per Rule						" Attached to outside plating with Angle					
" height extended at the Bilges						BILGE KEELSON, Angles					
FLOORS, in Cell Double Bottoms	40	36		40	36	" Intercostal Plate, for length					
" state if flanged (top and bottom)	Flanged to tank top					" Attached to outside plating with Angle					
" spacing of Solid	On every 3 <sup>rd</sup> frame 78					SIDE STRINGERS, Number					
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	43	50		43	50	" Angle					
" Angles, Top	4 1/2	4 1/2	60	4 1/2	4 1/2	" Intercostal Plate, for lng.					
" Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	" Attached to outside plating with Angle					
" to Floors	5	5	56	5	5	AWNING OR SHELTER DECK STRINGER PLATES, breadth and thickness					
" Brackets at intermdt. frmng., width & thkness	3-0	40-36		3-0	40-36	" Angle on ditto	72	50	72	50	
SIDE GIRDERS, number and thickness	Two	40-36		Two	40-36	" Tie Plates, fore and aft, outside Hatchways	5	5	5	5	
" state if flanged (top & bottom)	Flanged to floors					" Deck * Iron or Steel, for full lng.	44	40-34	44	40-34	
" Angles	3 1/2	3 1/2	40	3 1/2	3 1/2	" Wood Deck. Material & thickness					
MARGIN PLATE, depth (exclusive of flange) and thickness	37	48		37	48	Upper Deck Stringer Plate, breadth and thickness	80	44	80	44	
" Angles to outside plating	4	4	48	4	4	" Angles on ditto, No. 2	3 1/2	3 1/2	48	3 1/2	
" to floors	5	3 1/2	40	5	3 1/2	" Tie Plates, outside Hatchways					
" Brackets at intermdt. frmng., width & thkness	3-0	40-36		3-0	40-36	" Deck * Iron or Steel, for full lng.	50	40-34	50	40-34	
" Height of Brackets above at bilge	2-1			2-1		" Wood Deck. Material & thickness					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	64	48		64	48	Second Deck Stringer Plates, br'dth & thckn's	63	40	63	40	
" thickness in Engine and Boiler space	48	56	48	56	48	" Angles on ditto, No. Two	3 1/2	3 1/2	48	3 1/2	
" Remainder in Holds	40	36		40	36	" Tie Plates, outside Hatchways					
BEAMS, Awn. or Shltr Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3	46	8 1/2	3	" Deck * Material and thickness Steel	34	30	34	30	
" Spacing	26	On every frame				Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	11	3 1/2	54	11	3 1/2	" Angles on ditto, No.					
" Spacing	52	On alternate frames				" Tie Plates, outside Hatchways					
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	12	3 1/2	83	12	4	" Deck. Material and thickness					
" Angles on upper edge						Poop Deck Stringer Plate, breadth & thickness					
" Spacing	52	On alternate frames				" Angles on ditto					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Tie Plates					
" Angles on upper edge						" Deck. Material and thickness					
" Spacing						Bridge Deck Stringer Plate, br'dth & thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Angle on ditto					
" Angles on upper edge						" Tie Plates					
" Spacing						" Deck. Material and thickness					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Forecastle Deck Stringer Plate, br'dth & th'kness					
" Angles on upper edge						" Angle on ditto					
" Spacing						" Tie Plates					
						" Deck. Material and thickness					



[illegible]



EQUIPMENT No. 36675 LETTER Z

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.			
15248	1st Bower	64	1	14	Stockless			50	15	0	0	63	7	0	Pontamie (Cent. Stud. Ht.)	R. Sykes & Son Ltd.	Cradley Heath 28.7.13. S.P. Paul
41478	2nd "	62	2	0	"			49	15	0	0	63	7	0	Sykes Pontamie	"	Lipson 16.7.13. C.E. Perrins
15312	3rd "	56	3	14	"			46	10	3	21	54	2	0	Pontamie (Cent. Stud. Ht.)	"	Cradley Heath 6.7.13. S.P. Paul
	Collective weight	183	3	0								182					
15378	Stream	17	2	20	4	1	8	18	14	1	14	17	2	0	Rodgers	R. Sykes & Son Ltd.	Cradley Heath 15.7.13. S.P. Paul
15379	Kedge	7	2	10	2	0	0	7	15	3	21	17	2	0	"	"	" 15.7.13. S.P. Paul

## 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.	Diam.	Stain- tory.	Break- ing.	Supplied.	Per Table.	Length.	Diam.					Length.	Cir.		Length.	Cir.
14236	Fathoms. 270	Ins. 2 1/4	Tons. 9 1/2	Tons. 127 1/2	Cwts. gra. lbs. 689.2.0	Cwts. grs. lbs. 682.1.11	Fathoms. 270	Ins. 2 1/4	Steel	R. Sykes & Son Ltd.	Cradley Heath 31.7.13. S.P. Paul	TOWLINE	Fathoms. 130	Ins. 5	Tons. 59	Fathoms. 120	Ins. 5
Local Stream } Chain or Steel Wire...												HAWSERS & WARPS	90	3 1/2	26	2.90-8 2.90-7 2.90.9+2.90.8	
													90	2 3/4	15 1/2		
													2.90	2 1/2	12 1/2		
													2.90.9+2.90.8				
		Cir.						Cir.									
	90	4 1/4		4Y			90	4 1/4									

Boats 2 Life Boats. One Dingy. One Cutter.

Steering Gear, Steam 9. Hattie 16. 14

Steering Gear, Hand 1st Moor Engine Works

Pumps, Number 2 Brown Pump + Hand pump to Fire Peak

Diameter of Barrel 6" + 5"

State whether they are in efficient working order Yes.

Windlass is Steam, by Emmerson Walker + Thompson

Capstan

Engine Room Skylights.—How constructed? Steel plates + Angles

What arrangements for deadlights in bad weather? ✓

Coal Bunker Openings.—How constructed? Built Angle Laming

How are lids secured? Lox Pauline + Battens Height above deck? 9

Number of Scuppers, and numbers and dimensions of Freeing Ports, &amp;c. 8 scuppers each side Shelter deck, + each side upper deck. Freeing port 21" x 21"

Ceiling in Holds, thickness and material 2 1/2 White Pine

Cargo Battens, thickness and material 6 x 2 White Pine

Cargo Hatchways.—How formed? Steel plates + Angles + web plates

Hatches, If strong and efficient? Yes.

State size No. 1 Hatch (Forward) 26-1 x 15-11 x 2-11 No. 2 Hatch 23-10 x 17-11 x 2-11 No. 3 Hatch 15-2 x 13-11 x 2-11 No. 4 Hatch 25-11 x 15-11 x 2-11

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 webs in No. 1 + 2, 4 webs in No. 3 + 4, 2 webs in No. 4

No. of Breasthooks 4 + Decks No. of Crutches 2 up floors

Bulwarks, height above deck and description Hand rails + Etanetions

Main Rail and Stays, material and size

The foregoing is a correct description.

Surveyor's Signature Alex Munro

Builder's Signature (here only)

R. A. Garlick

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

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) M. 18-4-13.

15-5-13, 2-6-13, 6-6-13, 10-6-13, 20-6-13, 21-6-13, 12-7-13, 15-7-13, 24-9-13, 14-4-11-13, 6-11-13

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

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, &amp;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? Very few

Are the butts of Plating, Stringers, &amp;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 Good

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes

State results of tests Good

General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the Secretary's letter of the above mentioned date the accompanying approved plans and in general conformity with the rules, the workmanship and materials used during the construction are of good quality.

The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.

The amount of Entry Fee . . . . . £ 5 : 0 : 0	Fees applied for, MAY 6 1914	Certificate to be sent to Newcastle	Date of issue 7/5/14
Special Survey Fee . . . £ 145 : 6 : 0	Received by me, 8/5/14		
Travelling Expenses, if any £ : : :			
State whether the Vessel has been built under Special Survey Yes			
I am of opinion this Vessel should be Classed 100 A1. Shelter Deck			
With, or without Freeboard, as condition of Class With Freeboard			

Committee's Minute  
Character assigned 100 A1. Shelter Deck with fbd.  
Lloyds A & B.P.  
+ H.M.C. 4.14

Vide 186

(Machinery and)



Date of writing

No. in Sur  
Reg. Book.

38 Sep. on

Master

Engines made

Boilers made

Registered

Nom. Horse

## ENGINES

Dia. of Cylinders

Is the screw

in the propeller

between the

liners are fitted

Dia. of Tunnel

collars 16

No. of Feed

No. of Bilge

No. of Donkey

In Engine Room

No. of Bilge In

Are all the bilge

Are all connected

Are they fixed

Are they each

What pipes

Are all Pipes

Are the Bilge

Dates of exam

Is the Screw

## BOILERS

Total Heating

Working Pressure

Can each boiler

each boiler

Smallest dista

Thickness

long. seams

Per centages

Size of compen

Length of pl

Working pres

Pitch of stay

Material of s

Material of

Diameter at

Thickness

Diameter of t

Pitch across

thickness of

Working pre

separately

holes

If stiffened w

Working pre

## PARTICULARS FOR RECORD in the REGISTER BOOK.

(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). *2 Dks (std) + Shelter Dk (std)*

Official No. ; Signal Letters

State if Machinery is fitted aft

*Amidships*

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.

*Cellular System*

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	140-10	419	Fore peak tank,		
Double bottom, under Engines and Boilers,	47-8	20.1	After peak tank,	18-0	92
Double bottom, if under Engines only,	—	—	Deep tank, aft,	36-10	910
Double bottom, if under Boilers only,	—	—	Deep tank, forward,		
Double bottom, forward,	167-11	568	Other tanks, if fitted,		
	Total capacity of double bottom	1188	(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. *4425*Date *25-4-1913*No. *214* in builder's yard.

DATES of Surveys held while building

*1913*  
*Jul. 23, 25, 29. Aug. 7, 11, 14, 15, 19, 22, 26. Sep. 1, 4, 17, 23, 25, 30. Oct. 2, 7, 9, 13, 15, 20, 21, 24, 28. Nov. 3, 4, 5, 12, 19, 21, 24, 26. Dec. 2, 10, 12, 23, 30, 31. Jan. 7, 8, 9, 13, 14, 19, 23, 24, 27. Feb. 3. Mar. 7, 19, 24, 25, 26, 30, 31. Apr. 1, 3, 9, 15.*

Surveyor's Signature

*Alex. Munro*© 2021  
Total No. of VisitsLloyd's Register  
Foundation