

## STEEL STEAMER or MOTORSHIP.

Received at London Office 20 MAR 1925

State if Report has been sent on the Freeboard of the Vessel yesState if Report is sent on the Machinery of the Vessel yes

Date of completion of report

19<sup>th</sup> March

Port of

Middlesbrough

No.

12291

Survey held at

Haverton Hill m. Des

Date First Survey

18<sup>th</sup> July 1924

Last Survey

13.3

19.25

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

S.S. "TYNEBRIDGE"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

Full Scantlings

State Type of Erections

Poop, Bridge and Forecastle

TONNAGE under Tonnage Deck

4056.35

CLASS + 100A1

State if with freeboard as condition of Class

No.

Built at Haverton Hill m. Des

Do. of space or spaces between Tonnage Dk. and Upper Dk.

✓

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 360

Breadth (greatest moulded)

B 52

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 30

1st Longitudinal Number (L x D) = 10559

2nd Numeral L x (B + D) = 29279

Framing Depth "d," at middle of length. See Sec. 3 (1d)

25.79

Proportions—Depth to Length—Uppermost continuous deck to top of keel

25.12

Do. Long Bridge to top of keel

9.6

Draught Moulded

23'-9 3/4"

Launched 26.1.25 Yard No. 78.

Builders Furness Shipbuilding Coy Ltd

Owners The North of England Steamship Coy.

Managers

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

Residence Shipping Chambers, West Hartlepool

Port of Registry West Hartlepool

If surveyed while building, afloat, or in dry dock

Building + afloat.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b>	28"	✓	<b>Bracket Floors, Frame</b>	6 3/2 3/4	✓
" " from 1/2 length to Collision bulkhead	27"	✓	30 " " Reversed Frame	5 1/2 3 3/4	✓
" " in peaks	24"	✓	1.04 " " Vertical Struts	15 x 40 ft. plates	✓
<b>SIDE FRAMING.</b>			31.04 " " Centre Girder, depth and thickness amidships	40" x 50	✓
Frame Amidships, Angle, [ or ]	12 3/2 3/2 60	✓	" " top Angles	3 3 50	✓
" " Extends up to	upper deck	✓	" " bottom Angles	4 4 50	✓
" " Bridge	7 3/2 3/4 60	✓	<b>Side Girders, No. each side and thickness</b>	7 38	✓
Reversed Frame Amidships, Angle	✓	✓	<b>Margin Plate</b> depth (excl. of flange) and thickness	41 x 48	+4"
" " Extends up to	✓	✓	" " Vertical Angle to Tank side	6 6 40	✓
<b>Depth of Framing Girder</b>	✓	✓	" " Bracket abaft 1/2 len. from stem	6 6 40	✓
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b>			" " Vertical Angle to Tank side	with back bar	✓
" " Second 'tween Decks, Angle, [ or ]			" " Bracket forward 1/2 len. from stem	32 32 40	✓
" " Third " " "			" " Gussets, spacing and scantling abaft 1/2 len. from stem	6 3/2 40	✓
<b>Framing in Peaks, Angle, [ or ]</b>	7 1/2 3 3/4	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	7 10	✓
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	7/8 6 1/4	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	7 10	✓
<b>State if Frame Joggled</b>	✓	✓	<b>INNER BOTTOM PLATING.</b>		
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars	run transverse 11 3/2 48 9 x 3 1/2 x 5 1/2 depth = 1 1/2" 9 x 4 1/2 x 6 1/2 1 1/2" depth	✓	Breadth and thickness of Middle Line Strake	66 x 47	+17" hd
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars	full depth 128-130 127-135 128-138 128-142 @ 16" x 11" x 7" 1/2 and 3" girders up.	✓	Thickness of remainder in Holds	40/36	✓
<b>SINGLE BOTTOM.</b>			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	✓	✓
Floors, Depth and thickness at mid-line in Holds			<b>BEAMS.</b>		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]	7 3/2 48	✓
<b>Middle Line Keelson, on Floors, Angles, [ or ]</b>			" " in way of Bridge, Angle, [ or ]	7 x 3 x 46 50	✓
" " Through Plate or Intercostal Plate			Spacing	28"	✓
" " Foundation Plate on Floors			<b>Second Deck, amidships, Angle, [ or ]</b>		
" " Flat Plate Keel Angles			Spacing		
<b>Side Keelsons, No. each side</b>			<b>Third Deck, amidships, Angle, [ or ]</b>		
" " thickness of Intercostal Plate			Spacing		
" " Angles			<b>Fourth Deck, amidships, Angle, [ or ]</b>		
<b>DOUBLE BOTTOM.</b>			Spacing		
Solid Floors, thickness and spacing	38 — 28	✓	<b>Poop Deck, Angle, [ or ]</b>	7 3 3/4 52 3 3/4 24 1/2	✓
" " Are Frame and Reversed Frame joggled?	Yes	✓	Spacing		
<b>Bracket Floors, breadth and thickness at middle line</b>	30 1/2 x 38	✓	<b>Bridge Deck, Angle, [ or ]</b>	7 3 3/4 8 3 3/4 28	✓
" " breadth and thickness at margin plate	5-9 x 38	✓	Spacing		
			<b>Forecastle Deck, Angle, [ or ]</b>	8 3 42 7 3 3/4 27 1/2	✓
			Spacing		



# PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>			Stringer Plate, breadth and thickness in way of Bridge .....		
"    in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells .....		
"    "    "    "    "			Thickness of Plating abreast Deck openings in way of Bridge .....		
"    in Holds    "    "	6 3/4	✓	Thickness of Plating within line of openings...		
"    "    "    "    "			If Sheathed, material and thickness .....		
<b>Centre Line Bulkhead.</b>	5 9 3/4	✓	<b>Third Deck.</b>		
Stiffeners and Spacing.....	11 3/4	✓	Stringer Plate, breadth and thickness.....		
Plating, thickness of .....	30	✓	If Plated, state thickness.....		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	59 1/4 x .74	✓	If Plated, state thickness .....		
"    "    "    "    in way of Bridge	56 3/4 x .38/54	✓	<b>Poop Deck.</b>		
"    Angle in Wells .....	6 6 .72	✓	Stringer Plate, breadth and thickness .....	34 x .34	✓
Thickness of Plating abreast Deck openings in way of Wells .....	.68/.52	✓	Plating, Sheathing, material and thickness ...	.32	✓
Thickness of Plating abreast Deck openings in way of Bridge .....	.34	✓	<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	.38	✓	Stringer Plate, breadth and thickness.....	58 x .40	✓
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ...	.34	✓
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	.35	✓
			Plating, Sheathing, material and thickness ...	.32	✓

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>not jogged</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL .....	48 1/2"	.73 ✓	.65 ✓	.65 ✓	✓	double	7/8"	3 1/2"	4/3 ✓	7/8"	3 1/2"/3 1/2"	lapped
"    DBLG. (if any)												
BOTTOM PLATING, No. } of Strakes .....	3	.57 ✓	.45/55 ✓	.57/48 ✓	✓	"	"	"	3 ✓	"	3 1/2"	"
BILGE PLATING, No. of } Strakes .....	2	.57 ✓	.48/55 ✓	.48/51 ✓	✓	"	"	"	3 ✓	"	"	"
SIDE PLATING, No. of } Strakes .....	3	.57/55 ✓	.43 ✓	.45/43 ✓	✓	"	"	"	3 ✓	"	"	"
UPPER DECK, Sheer- } strake in Wells.....	50"	.72 ✓	48 ✓	43 ✓	✓	"	"	"	4/3 ✓	1 1/8"	3 1/2"/3 1/2"	"
UPPER DECK, Sheer- } strake in Bridge ...	50	.57 ✓	✓	✓	✓	"	"	"	3 ✓	7/8"	3 1/2"	"
STRAKE BELOW Sheer- } strake in Wells.....	76 3/4"	.62 ✓	✓	✓	✓	"	"	"	4/3 ✓	1 1/8"	3 1/2"/3 1/2"	"
STRAKE BELOW Sheer- } strake in Bridge ...	76 3/4"	.57 ✓	✓	✓	✓	"	"	"	3 ✓	7/8"	3 1/2"	"
POOP SIDE PLATING .....				.38 ✓	✓	single	3/4	3"	2 ✓	3/4	2 1/2"	"
BRIDGE SIDE PLATING ...		.56 ✓			✓	double	7/8	3 1/2	3 ✓	7/8	3 1/2"	"
FORECASTLE SIDE PLATING			.42 ✓		✓	single	3/4	3"	2 ✓	3/4	2 1/2"	"

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) *Six.*

Deck next below *✓*

As per Rule *Six.*

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Upper tween decks</b>					
"    "    Second    "					
"    "    Third    "					
"    "    Holds .....		46/26	12 x 32 x 50	25 1/2/14	✓
<b>COLLISION</b> (in Hold) .....		48/26	9 x 32 x 50	24	✓
<b>FORECASTLE</b> .....		42/30	9 x 32 x 44	24	✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....		✓		
<b>STEM</b> .....	Roller Bar	9 x 2 1/2	Nottingham	- to be kept
<b>STERN FRAME</b> { Propeller Post .....	Forging	10 x 7 1/2	Chambers	
{ Rudder .....	"	9 x 7 1/2	50 lbs	
<b>RUDDER—A x D</b> .....		366-28		
<b>Speed of Vessel</b> .....		10 knots		
<b>RUDDER</b> mainpiece at head ...		9	men	
"    "    heel ...		6 1/2	Palmer.	
"    how constructed .....	Forging	Scrap	Walt	
"    double or single plate coupling, vertical or horizontal .....	Horizontal	1-04		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth. Bays West Iron Co. Skinningwood Iron Co. South Durham Steel & Iron Co. (Middlesbrough), Steel Co. of Scotland, Dorman Long, South Durham W. & A. Harbottle Works, Pate's Furnaces, Middlesbrough, Durham.*

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



EQUIPMENT No. 30635										LETTER X		ANCHORS.				
Number of Certificate.	Anchors.	WEIGHT, <del>EX</del> STOCK			WEIGHT OF <del>ANCHOR</del>			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
40487	1st Bower ...	57	1	0	34	3	7	46	15	2	14	56 1/4	Jellows Stockholm	Jellows Forge	Grady Heath 11-12-24	
40409	2nd „ ...	56	3	4	34	2	2	46	9	1	14	56 1/4	do	do	do	
40488	3rd „ ...	48	0	7	30	3	7	41	4	0	7	47 1/2	do	do	do	
	Collective weight.	162	0	11								160				
32706	Stream .....	15	0	22	3	3	8	16	14	1	14	15	Ans Jrg ut Iron	Ans Steel	Grady Heath 17-10-19	

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.
37042	270	2 3/8	8 1/2	113 3/4	608	3	0	608 3/4	270	2 3/8	Shd	Jellows Shd	Grady Heath 11-12-24, Grady	TOWLINE	120	4 1/2	39	120	4 1/2
														HAWSERS & WARPS	2090	2 1/2	12.5	2090	2 1/2
															2090	2 1/2	12.5	2090	2 1/2
Stream (Steel Wire)	90	4 1/2		39					90	4 1/2									

Steering Gear, Steam Donkin's Steering Gear, Hand Blocks & Tackle led to winch.  
 2 Lifeboats @ 25'-0"  
 Boats 1 Dinghy @ 14'-0" Steering Chains, Size and Test 170' of 1 1/2" dia test 18 1/2 tons Windlass Imeson Walker & Thomson  
 1 Rig @ 16'-0"  
 Ceiling in Holds, thickness and material under hatches only 2 1/2" w.w. Cargo Battens, thickness, material and spacing 6" x 2" w.w. of 9" ap in Hold only.  
 Cargo Hatchways.—(Upper Deck) plate, angle and bulbs. Thickness of Hatches 3".  
 Size of No. 1 Hatchway (Forward) 27' x 20' No. 2 28' x 20' No. 3 9' 4" x 20' No. 4 28' x 20' No. 5 28' 0" x 20' 0" No. 6  
 Number of Shifting Beams 5 in Nos 1, 2, 4 and 5; 1 in No 3.

for FURNESS SHIPBUILDING CO. LIMITED,

Builder's Signature

J. McGovern  
Director

# GENERAL DECLARATION

This vessel has been built in accordance with the approved plans, the Secretary's letters of date 20<sup>th</sup> June 1924 to 11<sup>th</sup> March 1925 and in general conformity with the revised rules for the contemplated class. The materials and workmanship are good. The freeboard assigned has been cut in on the vessel's sides. All ballast tanks, bulkheads and tunnel and fore peak, <sup>weather deck (see letter)</sup> have been tested as reqd by the Rules and found satisfactory.

Windlass, steam steering and auxiliary gear, watertight doors and steam winches tried and found efficient. Cargo battens are not fitted in the bridge deck tween space. Two forging certificates together with 10 approved plans as detailed are forwarded herewith. Profile and Decks, Midship Section, Stern frame & rudder, Iron Body W.T. Plots, Afterbody W.T. Plots, Tiller, Aux. steering gear, Hatch End Beams & Coamings (2 plans), Pumping Arrangements. Plans of Vessel as built i.e. Midship Section, Profile and Decks are also herewith.

The amount of Entry Fee ..... £ 8 : 0 : 0 Fees applied for, 19.3. 1925.  
 Special Survey Fee.... £ 293 : 0 : 0 Received by me, 20.3. 25.  
Freeboard.  
 Travelling Expenses, if any 10 : 0 : 0

I am of opinion the Vessel should be Classed + 100 A1.

State whether the Vessel has been built under Special Survey Yes

Signature

Robert Farley  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Mar.

Date of issue

27/8/25.

Committee's Minute

TUES. 24 MAR 1925

Character assigned

+ 100 A1

Write Mar.  
Horn

Lloyd's as per + Lmb. 3.25  
July



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Lloyd's Register Foundation

W92-0081(2/2)



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	33.1.27	MC	1350	12.1.21.
	2nd "	33.0.28	MC	1334	12.1.21.
	3rd "	29.3.1	MC	1402	12.1.21.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 27.66 ft., R.Q.D. ✓ ft., Bridge 105 ft., Forecastle 35.1 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. ✓

No. and Material of Decks (this information is to be given as it should appear in the Register Book) one steel deck

Official No. 139235 ; Signal Letters Is bottom of Vessel coated with cement Yes in Boiler Room. If not give particulars of composition full details elsewhere.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	95.66	318	Fore peak tank,	✓	
Double bottom, under Engines and Boilers,			After peak tank,	14.66	132
Double bottom, if under Engines only,	23.33	104	Deep tank, aft,	✓	
Double bottom, if under Boilers only,			Deep tank, forward,	✓	
Double bottom, forward,	161.33	598	Other tanks, if fitted,	✓	
	Total capacity of double bottom	1020	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 1398

Date 17.6.24.

Dates of Surveys held while building

1924 July. 18 Aug. 5. 14. 26. 27. 28. Sep. 1. 2. 3. 5. 15. 23. 25. 26. 27. 29. 30. Oct. 1. 2. 3. 6. 7. 10. 15. 17. 20. 22. 24. 29. 31. Nov. 3. 5. 7. 10. 11. 12. 14. 18. 19. 21. 25. 26. 27. Dec. 1. 2. 3. 4. 5. 8. 9. 10. 11. 12. 15. 16. 17. 18. 19. 22. 23. 24. 30. 1925 Jan. 6. 7. 12. 13. 14. 15. 19. 30. 24. 25. 26. 27. 28. 30. Feb. 2. 6. 20. 23. 24. 25. Mar. 4. 5. 6. 9. 11. 13.

Total No. of Visits 91