

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office WED. 2 AUG. 1922

Date of completion of report July 27th 1922.

Survey held at Sunderland

State if Report is also sent on the Machinery of the Vessel *yes*

Port of SUNDERLAND

Date, First Survey 21st October 1920

Last Survey 24th July 1922

No. 28385

On the (State if Single, Twin, or Triple Screw) *Steel Single Screw*

"IXIA"

Rig Fore and aft Schooner

TONNAGE under 2769.01

Tonnage Deck

Do. between Tonnage Dk. and 2nd and 3rd Dk.

Total under Upper Dk.

Do. of Poop 72.94

Do. of R.O. Dk.

Do. of House, Bridge, 13.89

Do. of Forecastle

Do. of Houses on Dk. 85.74

Do. of excess of Hatchways 33.11

Do. above Crown of Engine Room

Gross Tonnage 2984.69

Less Crown Space

Less above Crown of Engine Room

Tonnage for Pass.

Less Engine Room 955.10

Less Navigation Spaces 85.73

" officers, eng. crew, 115.84

Register Tonnage 1828.02

CLASS F 100 A1

Breadth (greatest moulded) 47.41

Depth, at middle of length from top of keel to top of upper deck beams at side 24.29

Transverse Number 71.70

Length on deck from fore part of stem to after part of stern post 330.66

Longitudinal Number 23708

Depth "d," at middle of length (See Secs. 2 & 13) 21.0 with increased tank bks

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.61

" Long Bridge Deck 10.57

Beam at side to top of keel

Destined Voyage

Master

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

Built at SUNDERLAND

When built 1922 Launched 25th May 1922

By whom built J. Blumer & Co. Ltd.

Owners Stag Line Ltd.

Managers J. Robinson & Sons.

Residence North Shields

Port belonging to North Shields

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

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
330	8		47	5		22	0		one

Dimensions of Ship per Register, Length	331.0	breadth	47.75	depth	21.95	Moulded depth, ft.	31	ins.	3 1/2	To Bridge Dk.	Round of Upper	12	ins.
						Moulded depth, ft.	24	ins.	3 1/2	To Upper Dk.	Dk. Beam, Actual		

FRAMING.				PILLARS.			
FRAME, Angles, or E or L Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	9 1/2	3 1/2	52	Do. in peaks	9 1/2	3 1/2	52
Do. in way of Double Bottoms at Solid Floors	6 1/2	3 1/2	40	Do. in way of Double Bottoms at Solid Floors	6 1/2	3 1/2	40
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36
Spacing of Frames from centre to centre amidships	24 1/2			Spacing of Frames from centre to centre amidships	24 1/2		
Spacing of Frames from centre to centre amidships	24 1/2			Spacing of Frames from centre to centre amidships	24 1/2		
Spacing of Frames from centre to centre amidships	24			Spacing of Frames from centre to centre amidships	24		
REVERSED FRAME, Angles	9 1/2			REVERSED FRAME, Angles	9 1/2		
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36
FRAMING, depth of girder	9 1/2			FRAMING, depth of girder	9 1/2		
FLOORS, depth and thickness of Floor Plate				FLOORS, depth and thickness of Floor Plate			
at mid-line for 1/2 length amidships				at mid-line for 1/2 length amidships			
in way of Engine and Boiler Spaces				in way of Engine and Boiler Spaces			
thickness at the ends of vessel				thickness at the ends of vessel			
depth at 1/2 the half breadth, as per Rule				depth at 1/2 the half breadth, as per Rule			
height extended at the Bilges				height extended at the Bilges			
FLOORS in Cell, Double Bottoms	36		36	FLOORS in Cell, Double Bottoms	36		36
state if flanged (top & bottom)	NO		NO	state if flanged (top & bottom)	NO		NO
Spacing of Solid floors	24 1/2		24 1/2	Spacing of Solid floors	24 1/2		24 1/2
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	39	48	39	CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	39	48	39
Angles, Top	4	4	58	Angles, Top	4	4	58
Angles, Bottom	4	4	58	Angles, Bottom	4	4	58
Angles, to Floors	6	6	40	Angles, to Floors	6	6	40
Brackets at intermdt. frmg., width & thkns				Brackets at intermdt. frmg., width & thkns			
SIDE GIRDERS, number on each side & thickness	one	34	one	SIDE GIRDERS, number on each side & thickness	one	34	one
state if flanged (top and bottom)	NO		NO	state if flanged (top and bottom)	NO		NO
Angles (top and bottom)	3 1/2	3 1/2	36	Angles (top and bottom)	3 1/2	3 1/2	36
Angles, to Floors	3	3	36	Angles, to Floors	3	3	36
MARGIN PLATE, depth (exclusive of flange) and thickness	36		42	MARGIN PLATE, depth (exclusive of flange) and thickness	36		42
Angle to Outside Plating	3 1/2	3 1/2	42	Angle to Outside Plating	3 1/2	3 1/2	42
Floors	3 1/2	3 1/2	36	Floors	3 1/2	3 1/2	36
Brackets at intermdt. frmg., width & thkns				Brackets at intermdt. frmg., width & thkns			
Height of Outside Brackets above at bilge	22		22	Height of Outside Brackets above at bilge	22		22
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	60 x 42 Ford	81 x 40 Aft. as appd		INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	60 x 42 Ford	81 x 40 Aft. as appd	
in Engine and Boiler space	ES. 44. 85. 52	ES. 44. 85. 52		in Engine and Boiler space	ES. 44. 85. 52	ES. 44. 85. 52	
Remainder in Holds	36-32		36-32	Remainder in Holds	36-32		36-32
BEAMS, Upper Deck, Single Angle, Bulb	8 1/2	3 1/2	50	BEAMS, Upper Deck, Single Angle, Bulb	8 1/2	3 1/2	50
Angle, Plate, Tee Bulb, or Channel	8	3	44	Angle, Plate, Tee Bulb, or Channel	8	3	44
In way of Long Bridge	13. A			In way of Long Bridge	13. A		
Spacing	every	frames		Spacing	every	frames	
BEAMS, Second Deck, Single Angle, Bulb				BEAMS, Second Deck, Single Angle, Bulb			
Angle, Plate, Tee Bulb, or Channel				Angle, Plate, Tee Bulb, or Channel			
Spacing				Spacing			
BEAMS, Third and Fourth Deck, Single Angle, Bulb				BEAMS, Third and Fourth Deck, Single Angle, Bulb			
Angle, Plate, Tee Bulb, or Channel				Angle, Plate, Tee Bulb, or Channel			
Angles on upper edge				Angles on upper edge			
Spacing				Spacing			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	50	BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	50
Angles on upper edge				Angles on upper edge			
Spacing				Spacing			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	42	BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	42
Angles on upper edge				Angles on upper edge			
Spacing				Spacing			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	42	BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	42
Angles on upper edge				Angles on upper edge			
Spacing				Spacing			

KEELSONS & STRINGERS.			
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship	Inches in Ship	Inches in Ship
Rider Plate			
Flat Plate Keel Angles			
Horizontal Plates on Floors			
Angles or Bulb Angles			
SIDE KEELSONS, Number			
Angles or Bulb Angles			
Plate above floors, for length			
Intercoastal Plate, for length			
Attached to outside Plating with Angle			
BILGE KEELSON, Angles			
Intercoastal Plate for length			
Attached to outside Plating with Angle			
SIDE STRINGERS, Number	3		
PANTING, FORE HOLD			
Angles	6 1/2	3	48
Intercoastal Plate, from Coll. Bld. to length	48	48	42
Attached to outside plating with Angle	6	6	45
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	57 x 64	54 x 64	
br'dth & thickness (in way of Bridge)	59 x 46	54 x 46	
Angle (clear of Bridge)	5 x 5 x 68	5 x 5 x 68	
Plate at sides of Hatchways	Inc at fore & main Hatchways to 48		
Deck, Iron or Steel, for Full lng.	40-30	40-30	
Thickness (clear of Bridge)	40	40	
(in way of Bridge)	30	30	
Wood Deck, Material & thickness			
Second Deck Stringer Plate, br'dth & thickness			
Angles on ditto, No.			
Tie Plates outside Hatchways			
Deck, Iron or Steel, for lng.			
Wood Deck, Material & thickness			
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	32 x 32	32 x 32	
Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2	
Tie Plates	9	9	
Deck, Material and thickness	PP 5 x 3	PP 5 x 3	
Bridge Deck Stringer Plate, br'dth & thickness	48 x 52 Chequered	48 x 52	
Angle on ditto	4 1/2 x 4 1/2 x 54	4 1/2 x 4 1/2 x 54	
Plating at openings	increased to 38 as appd		
Deck, Material and thickness	Steel	32	32
Forecastle Deck Stringer Plate, br'dth & thickness	32	32	
Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2	
Tie Plates			
Deck, Material and thickness	Steel	30	30

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

TRANSVERSE W.T. BULKHEADS

NUMBER			STIFFENERS				SINGLE OR DOUBLE	HEIGHT UP STATE DK.
SHIP	RULE	THICK	HORIZONTAL	VERTICAL		SIZE	SPACING	
5	5							
N ^o 7-11	42-26	✓	one semi box beam	7@ 6x3x42 BA	24	✓	Single	upper dk
		✓	one 8½x3x50 BA +	2@ 6x3x35 " "	"	✓		
		✓	Tunnel recess	2@ 7x3x36 " "	"	✓		
		✓		4@ 5x3x38 OA	"	✓		
" 65	46 Bilge 38-26	✓	✓	9½x3½x52 BA	30	✓	Single	upper dk
		✓	✓	6x3x36 OA	"	✓		
		✓	✓	8x3x40 BA	✓	✓		
		✓	✓	5x3x34 OA	✓	✓		
" 87	46 Bilge 44-26	✓	✓	9½x3½x50 BA	30	✓	Single	upper dk
		✓	✓	8x3x36 BA	✓	✓		
		✓	✓	8x3x40 BA wings	✓	✓		
		✓	✓	5x3x34 OA	✓	✓		
" 128	46 Bilge 40-26	✓	✓	11x3½x58 BA	30	✓	Single	upper dk
		✓	✓	7x3x40 BA wing	✓	✓		
Coll " 153	48-26	✓	one semi box beam	7x3x44 BA	24	✓	"	
		✓	Cham locker floor.	2@ 9x3x54 BA	✓	✓	Double below	upper dk
		✓		4@ 6x3x44 OA	✓	✓	24 ft	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 28.83 ft., R.Q.D. ☒ ft., Bridge 93.92 ft., Forecastle 30.34 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 dk stl.

Official No. 139894; Signal Letters _____ State if Machinery is fitted aft no.

How are the surfaces preserved from oxidation? Inside P. cement and paint. 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,	<u>108</u>	<u>271</u>	Fore peak tank,	✓	✓
Double bottom, under Engines and Boilers,	<u>42.87</u>	<u>150</u>	After peak tank,	<u>22</u>	<u>144</u>
Double bottom, if under Engines only,	—	—	Deep tank, aft,	✓	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	<u>136.79</u>	<u>386</u>	Other tanks, if fitted,	—	—
Total capacity of double bottom		<u>807</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 287.66

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

Order for Special Survey No. 5460

Date 7.2.20

No. 286 in builder's yard.

DATES of Surveys held while building

1920. Oct. 21. 22. 27. Nov. 18. 19. 25. 29. Dec. 30. 1921. Jan. 6. 25. 31. Feb. 15. 22. 23. 25. Mar. 7. 8. 14. 16. 22. Apr. 15. 6. 7. 12. 19. 21. June 7. Aug. 8. 24. Nov. 15. 16. 18. 21. 23. 29. Dec. 2. 6. 7. 12. 15. 19. 21. 23. 1922. Jan. 11. 24. 26. 27. 30. Feb. 1. 26. 28. 10. 17. 18. 23. 27. 28. Mar. 29. 14. 15. 22. 27. 28. Apr. 5. 6. 12. 25. 28. May 14. 29. 11. 17. 18. 22. 23. 24. 25. 31. June 8. 14. 16. 26. 27. 29. July 4. 10. 12. 14. 18. 20. 21. 24

Total No. of Visits 101

Surveyor's Signature

W.P. Hollings

Lloyd's Register Foundation