

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office on 12 APR 1922

Date of completion of report 14 April 1922 Port of Middlesbrough
Survey held at Middlesbrough Date, First Survey 12 February 1922 Last Survey 3 April 1922
On the (State if Single, Twin, or Triple Screw) Single Screw "P. L. M. 26" Rig F. A. Schooner

TONNAGE under 5119.78
Tonnage Deck... 5119.78
Do. between Tonnage Dk. and 3rd and 4th Dk. 5119.78
Total under Upper Dk. 5119.78
Do. of Poop 125.24
Do. of Bridge House 14.46
Do. of Forecastle 71.36
Do. of Houses on Dk. 182.81
Do. of excess of Hatchways 122.62
Do. above Crown of Engine Room 15.08
Gross Tonnage 5650.55
Net Tonnage 227.39
Room 1808.18
Hatch Spaces 780.96
Tonnage Beam 2834.02

CLASS 100 A.1.
Breadth (greatest moulded) 55.75
Depth, at middle of length from top of keel to top of upper deck beams at side 31.00
Transverse Number 86.75
Length on deck from fore part of stem to after part of stern post 400.00
Longitudinal Number 34700
Depth "d," at middle of length (See Secs. 2 & 13) 18.96
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.9
" " Long Bridge Deck Beam at side to top of keel

Master
Year of appointment (1) As Master in service of owner of present vessel—19 (2) As Master of this vessel—19
Built at Middlesbrough
When built 1922 Launched Dec 13 1921.
By whom built Sir Raylton Dixon & Co. Ltd.
Owners Societe Nationale d'Affretements.
Managers (Where necessary to be entered in Reg. Book.)
Residence 29 Quai George V - Havre.
Port belonging to Havre.

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

Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 28 5 2
Moulded 400 0 Moulded 55 9 Do. do. do. do. Second Dk. Beams
Moulded depth, ft. 38 ins. 6 To Bridge Dk. Round of Upper 13 1/2 ins.
Moulded depth, ft. 31 ins. 0 To Upper Dk. Dk. Beam, Actual

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Angle or E L Bars amidships	36	11	3 1/2	62	11	3 1/2	62
peaks	8	3 1/2	38	7 1/2	3 1/2	44	
way of Double Bottoms at Solid Floors	3 1/2	3 1/2	46	3 1/2	3 1/2	46	
" at intermdt. Bkts.							
of Frames from centre to centre amidships	36			36			
" " " from 1/2 length to Collision bulkhead	27			27			
" " " in peaks	24			24			
SED FRAME, Angles	3 1/2	3 1/2	46	3 1/2	3 1/2	46	
way of Double Bottoms at Solid Floors							
" at intermdt. Bkts.							
NG, depth of girder							
IS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							
n way of Engine and Boiler Spaces							
thickness at the ends of vessel							
depth at 1/2 the half breadth, as per Rule							
eight extended at the Bilges							
IS in Cell. Double Bottoms	44/40			44/40			
state if flanged (top & bottom)	Neither						
Spacing of Solid floors	On every frame						
TE GIRDER, in Dbl. bottom, dpth. & thickness	44	1 1/2	60	44	1 1/2	60	
" Angles, Top	Single	4 1/2	4 1/2	60	4 1/2	4 1/2	60
" " Bottom	Double	4 1/2	4 1/2	60	4 1/2	4 1/2	60
" " to Floors	5	5	70	5	5	70	
Brackets at intermdt. frmg., width & thknss							
GIRDERS, number on each side & thickness	Two		40	Two		40	
" state if flanged (top and bottom)	Neither						
" Angles (top and bottom)	3 1/2	3 1/2	42	3 1/2	3 1/2	42	
" " to Floors	3	3	40	3	3	40	
IN PLATE, depth (exclusive of flange) and thickness	34		52	34		52	
" Angle to Outside Plating	4	4	48	4	4	48	
" " Floors	3 1/2	3 1/2	52	3 1/2	3 1/2	52	
Brackets at intermdt. frmg., width & thknss							
Height of Outside Brackets above at bilge	26			26			
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	44		54	44		54	
" " in Engine and Boiler space	54		56	54		56	
" " Remainder in Holds	54		54			46	
IS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	50	9	3 1/2	50	
In way of Long Bridge	12	3 1/2	70	12	3 1/2	70	
Spacing	Every frame						
IS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	46	8	3	46	
Angles on upper edge							
Spacing	Every frame						
IS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	40	6 1/2	3	40	
Angles on upper edge							
Spacing	Every frame						
IS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	48	8 1/2	3	48	
Angles on upper edge	9 1/2	3 1/2	56	9 1/2	3 1/2	56	
Spacing	Alternate frames						

PILLARS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS In Forecastle	2 1/2	Row of	2 1/2	Alphas			
" " Hold Bridge	1	Row of	2 1/2				
" " Quarter between Dks. Poop	2	Rows of	2 1/2				
" " in Hold							
KEELSONS & STRINGERS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
" 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							
" " Angle							
" Intercoastal Plate, for length							
" Attached to outside plating with Angle							
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)		60-36	66	60-36	66		
" " " br'dth & thickness (in way of Bridge)		5x5x68	66	5x5x68	66		
" " Angle (clear of Bridge)		3 1/2x3 1/2	44	3 1/2x3 1/2	44		
" " Tie Plate at sides of Hatchways		66	44	66	44		
" Deck. Iron or Steel, for length		44	34	44	34		
" " Thickness (clear of Bridge)							
" " (in way of Bridge)							
Wood Deck, Material & thickness							
Second Deck Stringer Plate, br'dth & thickness							
" Angles on ditto, No.							
" Tie Plates outside Hatchways							
" Deck. Iron or Steel, for length							
" " 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, br'dth & thickness							
" " Angles on ditto, No.							
" " Tie Plates outside Hatchways							
" " Deck, Material & thickness							
Poop Deck Stringer Plate, breadth & thickness		35	36	35	36		
" Angle on ditto		3 1/2x3 1/2	36	3 1/2x3 1/2	36		
" Tie Plates							
" Deck, Material and thickness		32	30	32	30		
Bridge Deck Stringer Plate, br'dth & thickness		40	42	40	42		
" Angle on ditto		3 1/2x3 1/2	42	3 1/2x3 1/2	42		
" Tie Plates							
" Deck, Material and thickness		32	28	32	28		
Forecastle Deck Stringer Plate, br'dth & th'kns		35	36	35	36		
" Angle on ditto		3 1/2x3 1/2	36	3 1/2x3 1/2	36		
" Tie Plates							
" Deck, Material and thickness		36		36			

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

[illegible]

EQUIPMENT No.	ANCHORS	WEIGHT, EX STOCK	TEST, PER CERTIFICATE	WEIGHT REQUIRED BY TABLE 31	Description of Anchor	Makers	Where and when tested and Superintendent
56590	1st Bower ...	69 0 14	Stockless	53 5 0 0	63 3 0	Dreadnought	S. Taylor & Sons L.P.H.T. 7-10-21 W.A.D. 56590. 7-10-21.
56589	2nd " ...	68 3 0	"	53 1 3 14	63 3 0	"	" 6-10-21 "
56494	3rd " ...	60 0 21	"	48 10 0 0	54 2 0	"	" 23-8-21 "
	4th " ...						
	Collective weight.	198 0 7			182 0 0		
56496	Stream	19 1 7	4 3 7	20 1 3 14	Rodgers		23-8-21
	Kedge.....						

Particulars of Vessel	1st Bower	2nd	3rd	4th
Forged Open Hearth Ingot Steel 7½" of Head 46-2-7½" of Shank 22-2-7 W.A.D. 56590. 7-10-21.				
" 46-1-0 " 22-2-0 " 56589. 6-10-21.				
" 40-0-14 " 20-0-7 " 56494. 23-8-21.				

CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate	Length and size supplied	Test per Certificate	Weight of Chain Cable	Length 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	Length and Size per Table 31								
	Fathoms, Ins.	Tons	Cwts. qrs. lbs.	Per Rule	Length, Diam.				Fathoms, Ins.	Cir.									
56222	120 ¾ 2 ¼	16 ¼ 13 ¾	324-3-19	682-1-11	270 2 ¼	Steel Link S. Taylor & Sons L.P.H.T. 27-8-21 Reason.	J.C.	TOWLINE	120 6 ¼	80	5								
56289	150	2 ¼	402-2-9					HAWERS & WARPS	2090 8		8								
Iron Stream Chain or Steel Wire	90 5	73			90 4 ¾				2090 7		7								

Boats Two @ 23' 6" and Two @ 20' 0"

Pumps, Number Time - see below.

Windlass is Clarke Chapman & Co.

Engine Room Skylights.—How constructed? Steel plates & angles. What arrangements for deadlights in bad weather? Bull's eyes.

Coal Bunker Openings.—How constructed? Steel plates & angles. How are lids secured? Battens & cleats Height above deck? 30"

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Scuppers 4 ½ dia = 6 ft side. Freeing Ports 4' 0" x 1 ½ = 8 ft side.

Ceiling in Holds, thickness and material Belong 2 ½ H.P. to ceiling on tank tops Cargo Battens, thickness and material See other

Cargo Hatchways.—How formed? Hatches. If strong and efficient? Yes

State size No. 1 Hatch (Forward) 24' 9" x 25' 7 ¾ No. 2 Hatch 23' 9" x 32' 0" No. 3 Hatch 24' 0" x 32' 0" No. 4 Hatch 24' 0" x 32' 0"

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 18' 1" x 7' 7" Hatches—Covered in one piece (Strong Brass Patent) corrugated steel

katch covers hinged at one end—Remainder 3' 7" Pini. No. of Breasthooks No. of Crutches

Bulwarks, height above deck and description 3' 9" x 7 ½ Bulw Stays 6' x 40-5' 0 apart. Main Rail, material and size 6' x 3' x 35 lb Angles.

The foregoing is a correct description of the vessel.

Builder's Signature (here only) S.M. Hanson Surveyor's Signature W.A. Brydon.

Supervisor 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)

Secretary M. 8-8-19 to 14-10-21.

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? joggled frames

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.) Materials and workmanship Good.

This vessel is built in accordance with the approved plans. The Secretary's letter of above date & in general conformity of this Society for the class contemplated.

The freeboard as assigned has been marked on the vessel's side and verified.

The double bottom tanks, topside tanks, fore and after peak tanks also the deep tank between frames 129 x 136 have been tested under water pressure & found satisfactory.

Windlass and Steering Gear tested under steam with satisfactory results. A Downton Pump has not been fitted yet. It is not yet decided whether this will be fitted until the vessel has been inspected by the French Authorities.

Mainship Section, Profile & Deck plans of the vessel as built also 2 forging certificates are forwarded herewith. The approved plans 7 in number are at present in the London Office.

This vessel is practically a sister ship to 'P.L.M. 25' Malt report 11236.

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 £ 9 : 0 : 0

Special Survey Fee £ 34 : 5 : 6

Freightage fee if any £ 11 : 0 : 0

Fees applied for, 4-4-1922 Received by me, 6-4-1922

Certificate to be sent to Middlesbrough date of issue 20/4/22.

State whether the Vessel has been built under Special Survey yes

I am of opinion this Vessel should be Classed 100A.I.

With, or without Freeboard, as condition of Class without Freeboard.

Committee's Minute THU. 7 APR. 1922

Character assigned 100A.I.

Lloyd's arb. O

Wm. P. G. b. No 1

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ^{27.25} ft., R.Q.D. ☒ ft., Bridge ^{30.0} ft., Forecastle ^{40.0} 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) *One Dth (Steel) Cantilever Framing - Topside Tanks.*
Official No. _____; Signal Letters _____ State if Machinery is fitted aft *Machinery Aft.*
How are the surfaces preserved from oxidation? Inside *Paint, Cement & Bitumastic Enamel* 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,	81.0	299	Fore peak tank,	16.0	120
Double bottom, under Engines and Boilers,			After peak tank,	25.6	244
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	14.0	373
Double bottom, forward,	260.3	987	Other tanks, if fitted,	323.3	1519
Total capacity of double bottom 1286			(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. *1334*

Date *28.12.20*

No. *628* in builder's yard.

DATES OF SURVEYS
held while building

*1921. Dec 17 11 Mar 29 14 18 30 Apr 5 13 19 29 May 9 27 31 June 6 8 28 July 4 6 8 26 28 Aug 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31
24 26 Sept 5 7 13 16 19 23 28 Oct 5 10 13 17 18 20 21 25 27 Nov 1 14 16 21 23 28 29 Dec 5 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
15 16 19 20 23 Jan 5 9 13 14 20 24 March 1 8 13 14 15 16 17 20 22 30 April 3*

Total No. of Visits *48*

Surveyor's Signature

W. A. Brydon

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