

With ~~or Without~~
Disconnected Erections.

STEEL STEAMER.

Received at London Office 25 OCT 1924

Date of completion of report 22nd October 1924 Port of Antwerp
Survey held at Antwerp Date, First Survey 2nd October 1923 Last Survey 20th October 1924.

On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "RUBENS" RIG Schooner.
TONNAGE under Tonnage Deck... 1681.24 CLASS +100 A.1. Master Harry Matthews
Do. between Tonnage Dk. and 3rd and 4th Dk. Breadth (greatest moulded)... 40.00
Total under Upper Dk. Depth, at middle of length from top of keel to top of upper deck beams at side... 20.62
Do. of Poop Transverse Number... 60.62
Do. of R.Q.Dk. Length on deck from fore part of stem to after part of stern post... 278.5
Do. of Bridge House Longitudinal Number... 16882
Do. of Forecastle Depth "d," at middle of length (See Secs. 2 & 13)... 17.62
Do. of Houses on Dk. Proportions—Depths to Length—Upper Deck Beam at side to top of keel... 13.49
Do. of excess of Hatchways Do. above Crown of Engine Room... 1986.59
Gross Tonnage 1986.59
Less Crew Space
Less above Crown of Engine Room... 1986.59
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces

Register Tonnage 1153.19. Destined Voyage Newcastle-on-Tyne If Surveyed while Building, Afloat, or in Dry Dock Building

LENGTH on Deck as per Rule... 278 7 BREADTH—Moulded... 40 25 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams... 18 5 1/2 No. of Decks with flat laid one No. of Tiers of Beams

Dimensions of Ship per Register, Length 277.56 breadth 40.10 depth 18.12 Moulded depth, ft. 27 ins. 7 1/2 To Bridge Dk. Round of Upper 10 ins. Moulded depth, ft. 20 ins. 7 1/2 To Upper Dk. Dk. Beam, Actual)

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 Spacing in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved	
FRAME, Angles, or Bars amidships	8 1/2	3	62	8 1/2	3	62	Pillar in Poop Deck	27 1/8	60	27 1/8	60
Do. in peaks	6	3	36	5 1/2	3	38	" " Hold On Frame	67 1/4	5 x 5 x 40	4	5 x 5 x 40
Do. in way of Double Bottoms at Solid Floors	3	3	34	3	3	34	" " Quarter-tween Dks., Bilge	27 1/8	60	27 1/8	60
" " at intermdt. Bkts.	6	3	36	6	3	36	" " in Hold				
Spacing of Frames from centre to centre amidships	30			30							
" " length to Collision bulkhead	27			27							
" " in peaks	24			24							
REVERSED FRAME, Angles											
Do. in way of Double Bottoms at Solid Floors	3	3	34	3	3	34					
" " at intermdt. Bkts.	5	3	32	4 1/2	3	32					
FRAMING, depth of girder	8 1/2			8 1/2							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships			5 3/8			36					
" in way of Engine and Boiler Spaces			5 1/4			46					
" thickness at the ends of vessel											
" depth at 1/2 the half breadth, as per Rule											
" height extended at the Bilges											
FLOORS in Cell. Double Bottoms	36		36	36		36					
" state if flanged (top & bottom)		60		60							
" Spacing of Solid floors	60			60							
CENTRE GIRDER, in Dbl. bottom, depth & thickness	36		46	36		46					
" Angles Top	5	5	50	5	5	50					
" Bottom	6	6	70	6	6	70					
" to Floors	3	3	34	3	3	34					
" Brackets at intermdt. frmg., width & thkness	19		36	18		36					
SIDE GIRDERS, number on each side & thickness	2		32	2		32					
" state if flanged (top and bottom)		60		60							
" Angles (top and bottom)	3	3	34	3	3	34					
" to Floors	3	3	34	3	3	34					
MARGIN PLATE, depth (exclusive of flange) and thickness	30		38	27		38					
" Angle to Outside Plating	3 1/2	3 1/2	38	3 1/2	3 1/2	38					
" Floors	3	3	34	3	3	34					
" Brackets at intermdt. frmg., width & thkness	32		36	32		36					
" Height of Outside Brackets above at bilge	18			18							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	57 1/2		42	36		42					
" in Engine and Boiler space			5 1/2			50					
" Remainder in Holds			38			18					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	52	7	3	50					
" In way of Bridge	7	3	44	7	3	44					
" Spacing	30			30							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	52	7	3	50					
" Spacing	30			30							
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	52	7	3	50					
" Angles on upper edge	7	3	52	7	3	50					
" Spacing	30			30							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	3	44	6 1/2	3	34					
" Angles on upper edge	6	3	44	6 1/2	3	34					
" Spacing	30			30							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	52	7	3	50					
" Angles on upper edge	7	3	52	7	3	50					
" Spacing	30			30							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	40	6 1/2	3	40					
" Angles on upper edge	6 1/2	3	40	6 1/2	3	40					
" Spacing	27 1/2			27 1/2							

KEELSONS & STRINGERS.					
	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved
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)	49	76	49	76	
" " " (br'dth & thickness in way of Bridge)	49	56	49	56	
" " " (clear of Bridge)	42 x 42	60	42 x 42	60	
" " " (Plate at sides of Hatchways)	41	52	41	52	
" Deck, Iron or Steel, between hatchways		36		36	
" Thickness (clear of Bridge)					
" " (in way of Bridge)		40		40	
" 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, breadth & thickness					
" Angles on ditto, No.					
" Tie Plates outside Hatchways					
" Deck, Material & thickness					
Poop Deck Stringer Plate, breadth & thickness	42	30	26	30	
" Angle on ditto	3 x 3	30	3 x 3	30	
" Tie Plates	48	30		30	
" Deck, Material and thickness	5 x 3		5 x 3		
Bridge Deck Stringer Plate, br'dth & thickness	42	34	42	34	
" Angle on ditto	3 x 3	34	3 x 3	34	
" Tie Plates					
" Deck, Material and thickness	Steel	30		30	
Forecastle Deck Stringer Plate, br'dth & thickness	30	32	26	32	
" Angle on ditto	3 x 3	32	3 x 3	32	
" 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.

WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing ... WEB-FRAMES, In E. & B. Space, No. & spacing ... WEB-FRAMES, In After Body, No. and spacing ... FORGINGS or CASTINGS. KEEL, Bar, depth and thickness ... STEM, moulding and thickness ... STERN-POST for Rudder do. do. ... RUDDER-A x D* Table 22. Speed ...

BULKHEADS. Number, Thickness, STIFFENERS. Horizontal, Vertical, Single or Double Frames, Height up, state deck. COLLISION PARTITION LONGITUDINAL. RUDDER, how constructed. Thickness of Plates or Single Plate. Can the Rudder be unshipped afloat? Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.?

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. RIVETING. EDGES, Ordinary or jogged? BUTTS. Double or Treble and for what Length. Rivets. Straps. IF LAPPED. THICKNESS OF SHEER STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. OF FLAT PLATE KEEL POOP SIDES SHORT BRIDGE SIDES FORECASTLE SIDES

Upper Deck Stringer Plate Butts, riveted for ... Straps, single or overlapped for ... Second Deck Stringer Plate Butts, riveted for ... Straps, single or overlapped for ... FRAMES extend in one length from ... REVERSED FRAMES on floors and frames extend from ...

MASTS, SPARS, &c. LOWER MASTS. Fore, Main, Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. Suit of ...

Form No. 1A.

EQUIPMENT No. 17637				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
40119	1st Bower ...	34	2	0	32	0	0	32	0	0	0
39784	2nd „ ...	34	1	0	31	16	1	31	16	1	0
40154	3rd „ ...	33	3	10	31	10	2	31	10	2	14
	4th „ ...										
	Collective weight.	102	2	10				101	0	0	0
40155	Stream	9	2	0	2	2	0	11	11	1	0
	Kedge.....										

Particulars of **Drop Test** of Cast Steel Anchors, viz. :—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 21.1.8.KH 2976 27.6.24.
2nd „ 21.8.12.M.B. 1935 28.3.24.
3rd „ 21.2.16.K.H. 2975 27.6.24.
4th „

CHAIN CABLES.

HAWSERS 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 Towline.	Length and Size per Table 31.	
	Fathoms.	Diam.		Supplied.	Per Rule.						Fathoms.	Ins.		Fathoms.	Ins.
36673	240	1 1/4	558	775	875	8.7	870	2.0	240	1 1/4	558	775	875	870	2.0
	75	3/2	35.5	35.5	35.5	35.5	35.5	35.5	75	3/2	35.5	35.5	35.5	35.5	35.5

Boats 2 life boats 1 Jolly boat
Pumps, Number 3 hand pump & 2 Peak top
Windlass is Emerson & Co. & Emerson & Co.
Engine Room Skylights.—How constructed? Slit with steel flaps
Coal Bunker Openings.—How constructed? Plate & angle
What arrangements for deadlights in bad weather? Strong glass deadlights.
How are lids secured? Battens & cleats
Height above deck? 18
Number of **Scuppers**, and numbers and dimensions of **Freeing Ports, &c.** 6 Scuppers & 8 freeing ports each 26 x 21
Ceiling in Holds, thickness and material 2 1/2 inch plate
Cargo Hatchways.—How formed? Plate & angle 48' in height
Hatches, If strong and efficient? Yes
State size **No. 1 Hatch** (Forward) 34' x 28' 0" **No. 2 Hatch** 30' x 28' 0" **No. 3 Hatch** 33' 5" x 28' 0" **No. 4 Hatch** 28' 5" x 28' 0"
Number of **Web Plates**, **Shifting Beams** and **Fore and Afters** to each Hatch No 1 6. No 2 5. No 3 5. No 4 4.
No. of Breasthooks 3 **No. of Crutches** 3
Bulwarks, height above deck and description 52' 2" 1/2
Main Rail, material and size B.A. 6 1/2 x 3 x 4 1/2
The foregoing is a correct description.
Builder's Signature (here only) J.D. Herbert
Surveyor's Signature J.D. Herbert
Surveyor 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)
6.12.19 15.20 19.5.20 21.1.21 27.1.22 28.6.23 26.5.24 10.10.24.

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? Yes
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? Yes 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.) This vessel has been built in accordance with the approved plans, the Secretary's letter, numbered above, & in general conformity with the Rules. The materials & workmanship are good.

This vessel is a sister vessel to the 'Belgian' Ant Report No 12152 and the 'Dunston' Ant Report No 17637.

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 £ 52.468 francs
Special Survey Fee £ 174.6.0 = 1620 francs
Travelling Expenses, if any £ : :
Fees applied for, 28 Oct 1924
Received by me, J.D. Herbert
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed + 100 A.C.
With, or without Freeboard, as condition of Class without freeboard
Certificate sent to Antwerp
Date of issue 28/10/24
Surveyor to Lloyd's Register of Shipping. J.D. Herbert

Committee's Minute TUES. 28 OCT 1924
Character assigned 100 A.C.
Lloyd's A.C.P.
Lloyd's A.C.P.
Lloyd's A.C.P.



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Foundation

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 21.62 ft., R.Q.D. — ft., Bridge 58.5 ft., Forecastle 23.0 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 deck steel.

Official No. —; Signal Letters — State if Machinery is fitted aft Yes
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

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>90.0</u>	<u>204</u>	Fore peak tank,	<u>16.0</u>	<u>46</u>
Double bottom, under Engines and Boilers,	<u>17.5</u>	<u>53.</u>	After peak tank,	<u>14.0</u>	<u>68.</u>
Double bottom, if under Engines only,	<u>51.5</u>	<u>—</u>	Deep tank, aft,		
Double bottom, if under Boilers only,	<u>113.0</u>	<u>298</u>	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	<u>555</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. Yes State whether the above have been tested as required by the Rules Yes.

Order for Special Survey No. 73

Date 16-6-1920

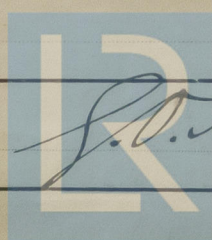
No. 83 in builder's yard.

DATES OF SURVEYS held while building

1923 Oct. 2, 16, Nov. 13, 27, Dec. 13, 20, 1924 Feb. 6, 28, March 5, 13, 27, April 8, 25, 29, May 9, 20, 27, June 4, 11, 18, July 1, 12, 28, Aug. 1, 5, 8, 13, 21, 28, Sept. 5, 8, 12, 22, Oct. 7, 13, 16, 20

Total No. of Visits 37

Surveyor's Signature



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