

## STEEL STEAMER or MOTORSHIP.

Received at London Office 24 FEB 1934

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 23/2/31.Port of Southampton.No. 14246.Survey held at Cowes I.O.W.Date First Survey 27/6/30.Last Survey 19.31On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Sc. Sch.

"BAKAR" (Machinery Amidships.)

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

Full ScantlingState Type of Erections DiscontinuedTONNAGE under Tonnage Deck... 234.68.CLASS 100A1State if with freeboard as condition of Class With freeboardBuilt at East Cowes.

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 144Launched 10/1/31. Yard No. 1704.

Total

Breadth (greatest moulded) B 24.5Builders J. Samuel White & Company Ltd.Gross Tonnage 333.86Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 12.0Owners Jadranska Plovidba d/d.Register Tonnage 148.941st Longitudinal Number (L x D) 1572

Managers

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

REGISTERED DIMENSIONS. FEET.

2nd Numeral L x (B + D) 5100

Residence

Length 144.5Framing Depth "d," at middle of length. See Sec. 3 (1d) 10.75Port of Registry Jusak.Breadth 24.65Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.0

If surveyed while building, afloat, or in dry dock

Depth 11.4Do. Long Bridge to top of keel 10.2

Building, afloat &amp; on slipway.

## 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.
FRAMES, Spacing amidships	21 1/2		Bracket Floors, Frame		
" " from 1/3 length to Collision bulkhead	21 1/2		" " Reversed Frame		
" " in peaks	21 1/2		" " Vertical Struts		
IDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <u>E or F</u>	4 2 1/2 38 1/2		" " top Angles		
" " Extends up to <u>Upper deck &amp; Shaft d/c Alternately</u>			" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 38		Side Girders, No. each side and thickness		
" " Extends up to <u>Across top of floors</u>			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	4		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E or F</u>			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
" " Second 'tween Decks, Angle, <u>E or F</u>			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem		
Framing in Peaks, Angle <u>E or F</u>	4 2 1/2 27		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5/4		INNER BOTTOM PLATING.		
State if Frame Joggled	No.		Breadth and thickness of Middle Line Strake		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<u>Lower deck</u>		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	15 28		Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or F</u>	5 3 28	5 x 2 1/2 x 30
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, <u>E or F</u>		
Middle Line Keelson, on Floors, Angles, <u>E or F</u>	6 3 40	Double Boiler room 30	Spacing	2 1/2	
" " " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, <u>E or F</u>		
" " " Foundation Plate on Floors			Spacing		
" " " Flat Plate Keel Angles			Third Deck, amidships, Angle, <u>E or F</u>		
Side Keelsons, No. each side	One		Spacing		
" " thickness of Intercoastal Plate	28		Fourth Deck, amidships, Angle, <u>E or F</u>		
" " Angles	5 2 1/2 28		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <u>E or F</u>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, <u>E or F</u>	4 2 1/2 28	
Bracket Floors, breadth and thickness at middle line			Spacing	43	
" " breadth and thickness at margin plate			Forecastle Deck, Angle, <u>E or F</u>	5 3 28	5 x 2 1/2 x 30
			Spacing	2 1/2	



## 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</b> , No. of Rows..... <i>ONE</i> .....					Stringer Plate, breadth and thickness in way of Bridge .....				
" in 'tween Decks, Size and Spacing.....	<i>2½ Dia. Solid.</i>				Thickness of Plating abreast Deck openings in way of Wells .....				
" " " " "	<i>43</i>				Thickness of Plating abreast Deck openings in way of Bridge .....				
" in Holds " "	<i>2¾ Dia. Solid.</i>				Thickness of Plating within line of openings...				
" " " " "	<i>43</i>				If Sheathed, material and thickness .....				
<b>Centre Line Bulkhead.</b>					<b>Third Deck.</b>				
Stiffeners and Spacing.....	✓				Stringer Plate, breadth and thickness.....				
Plating, thickness of .....	✓				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	<i>27</i>	<i>.30</i>			If Plated, state thickness .....				
" " " " in way of Bridge	<i>36 x 45 OK</i>	<i>.30</i>			<b>Poop Deck.</b>				
" Angle in Wells .....	<i>3</i>	<i>3</i>	<i>.36</i>		Stringer Plate, breadth and thickness .....				
Thickness of Plating abreast Deck openings) in way of Wells .....	✓				Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings) in way of Bridge .....	<i>.30</i>				<i>36 x 45.</i>				
Thickness of Plating within line of openings...	✓				<b>Bridge Deck.</b>				
If Sheathed, material and thickness <i>Tak</i> ....	<i>2¾</i>				Stringer Plate, breadth and thickness.....	<i>36</i>	<i>.24</i>		
<b>Second Deck.</b>					Plating, Sheathing, material and thickness <i>Tak</i> ..				
Stringer Plate, breadth and thickness in Wells...	✓				<i>Ties .24</i>				
					<b>Forecastle Deck.</b>				
					Stringer Plate, breadth and thickness.....	<i>14</i>	<i>.24</i>		
					<i>Tie plates as per plan.</i>		<i>.24</i>		
					Plating, Sheathing, material and thickness ...	<i>2"</i>	<i>Tak.</i>		

## SHELL PLATING.

SCANTLINGS.					RIVETING.											
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.							
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.					
Gonboard FLAT PLATE KEEL .....	36	.34	.30	.32	<div style="display: flex; align-items: center; justify-content: center;"> <div style="font-size: 4em; margin-right: 10px;">}</div> <div> <div>Double.</div> <div>Single.</div> </div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="font-size: 4em; margin-right: 10px;">}</div> <div> <div>5/8</div> <div>2 1/2</div> </div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="font-size: 4em; margin-right: 10px;">}</div> <div> <div>Double.</div> <div>Triple.</div> </div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="font-size: 4em; margin-right: 10px;">}</div> <div> <div>5/8</div> <div>2 1/4</div> </div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="font-size: 4em; margin-right: 10px;">}</div> <div> <div>5/8</div> <div>2 1/4</div> </div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="font-size: 4em; margin-right: 10px;">}</div> <div> <div>Strapped</div> <div>Lapped.</div> </div> </div>						
" - DECK (if any)	✓	✓	✓	✓												
BOTTOM PLATING, No. of Strakes .....	42	.32	.28	.32												
BILGE PLATING, No. of Strakes .....	42	.32	.32	.32												
SIDE PLATING, No. of Strakes .....	42	.32	.28	.28												
UPPER DECK, Sheer- strake in Wells .....	40	.44	.32	.32							.40	3/4	3	Triple	3/4	2 5/8
UPPER DECK, Sheer- strake in Bridge ...																
STRAKE BELOW Sheer- strake in Wells .....																
STRAKE BELOW Sheer- strake in Bridge ...	41	.40	.28	.28							.36					
POOP SIDE PLATING .....																
BRIDGE SIDE PLATING ...			.30			5/8	2 1/2	Single.	5/8	2 1/4	Lapped					
FORECASTLE SIDE PLATING			.24			5/8	2 1/2		5/8	2 1/4	Lapped					

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c).....5

„ Deck next below:.....✓

As per Rule.....4

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	6x1 3/8	Rolled steel bar		
<b>STEM</b> .....	5 3/8 x 1 1/8	" "	" "	
<b>STERN FRAME</b> { Propeller Post .....		6 1/8 x 3	T. S. Forester Sons Ltd.	
{ Rudder " .....		5 7/8 x 3	W. L.	
<b>RUDDER—A x D</b> .....				
<b>Speed of Vessel</b> .....		12 knots		
<b>RUDDER</b> mainpiece at head ...	4 1/4 Dia.			
" " heel ...	as per plan.			
" how constructed .....	Steel Forging.			
" double or single plate .....				
" coupling, vertical or horizontal .....	Single plate no coupling.			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
" " Second "					
" " Third "					
" " Holds .....		36-26	6x3x44	Angle spaced	30
COLLISION " (in Hold) .....		32-30	5x3x30	"	" 24
AFTER PEAK " " .....		40-26	4x2½x30	"	" 30

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open hearth.  
The British (Gossett & Co.) Iron & Steel Co. Ltd., Daniel Colville & Sons Ltd., The Lanarkshire Steel Co. Ltd., The North British Sheet Plate & Nut Co. Ltd., The Steel  
Co. of Scotland Ltd., The Sheet Plate & Nut Co. Ltd., Frodingham Iron & Steel Co. Ltd., Dorman Long & Co. Ltd., Consitt Iron Co. Ltd.  
 Has the Steel been tested as required by the Rules? Yes



EQUIPMENT No. <u>5799-1</u>												LETTER <u>f</u>		ANCHORS.	
Number of Certificate.	Anchors.	WEIGHT, <del>Ex. Stock</del>			WEIGHT OF STOCK.			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.	or as added. Cwts.			
<u>45831.</u>	1st Bower ...	<u>9</u>	<u>0</u>	<u>14</u>	<u>Stockless</u>			<u>11</u>	<u>4</u>	<u>2</u>	<u>21</u>	<u>9.</u>	<u>"Britannic"</u> <u>Cast steel head</u>	<u>Not Stated.</u>	<u>Cradley Heath. 3/10/30</u> <u>S.C. Paul.</u>
<u>45832.</u>	2nd „ ...	<u>9</u>	<u>0</u>	<u>6</u>	<u>46.</u>			<u>11</u>	<u>2</u>	<u>2</u>	<u>0</u>	<u>9.</u>	<u>No. No.</u>	<u>No.</u>	<u>No. No.</u>
<u>459</u>	3rd „ ...														
	Collective weight.	<u>18</u>	<u>0</u>	<u>20</u>											
<u>45922.</u>	Stream .....	<u>3</u>	<u>0</u>	<u>2</u>	<u>-</u>	<u>3</u>	<u>10</u>	<u>5</u>	<u>10</u>	<u>0</u>	<u>0</u>	<u>- 3. -</u>	<u>Ordinary</u> <u>forged wrought iron.</u>	<u>Not Stated.</u>	<u>Cradley Heath. 26/11/30.</u> <u>S.C. Paul.</u>

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.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
45364.	165	1	18000	27000	84.0.17	- 84 -	165	1	Stud.	Not Stated.	Cradley Heath 28/1/30 S.C. Paul.	TOWLINE...	75	2 1/2	13.5	75	2 1/2
Iron Stream Chain or Steel Wire												HAWSERS & WARPS	90	2	8.3	90	2
												"					
												"					
		Cir.						Cir.									
	45 faths	2 1/2	Steel Wire.														

Steering Gear, Steam

Carroll Coy

Steering Gear, Hand

Carroll Coy

Boats

Two 18 feet.

Steering Chains, Size and Test

11/16 T. G. 2.165 S. 12.2.0

Windlass

Emerson Walker

Ceiling in Holds, thickness and material.

2" White pine.

Cargo Battens, thickness, material and spacing

6x2 White pine.

Cargo Hatchways. (Upper Deck)

One

Thickness of Hatches

3" White pine.

Size of No. 1 Hatchway (Forward)

7-2x6-0 No. 2

No. 3

No. 4

No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters

FOR J. SAMUEL WHITE & COMPANY, LTD.

Builder's Signature

R. D. Gump

MANAGING DIRECTOR

GENERAL DECLARATION

This vessel is a single screw steel passenger & cargo steamer, and has been built under special survey, in accordance with the Society's Rules for steel ships, plans as approved, and the Secretary's letters of various dates. The materials and workmanship are good. Weather decks, tanks, gutterways and watertight bulkheads have been tested as per Rule, with satisfactory results.

Approved plans enclosed herewith :-

Scantling sections, profile and deck plans, W.T. Bulkheads, Engine and boiler seatings, Pillars in cargo hold forward, Rudder & sternframe, steel foremast, water ballast tank in cargo hold, (8 plans) Forging reports for sternframe & welderframe (2 reports) Mill sheets.

The amount of Entry Fee .....

£ 3 : 0 : 0

Fees applied for,

23/3/1931

Special Survey Fee....

£ 33 : 8 : 0

Received by me,

7.3.1931

Freeboard.

3 0 0

Travelling Expenses, if any £

3 : 10 : 6

I am of opinion the Vessel should be Classed

100A1 with freeboard.

State whether the Vessel has been built under Special Survey

Yes.

Signature

J. H. Robertson

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Southampton.

Date of issue

18/3/31

Committee's Minute

WED. 8 APR 1931

Character assigned

+ 100A1

with freeboard

+ L.M.C. 3.31

Lloyd's A. & C.P.

C.L.

The Surveyor is requested not to write on or below the Committee's Minute.





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.)

"RAB" Same builders (No 1403).

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

1st Bower 5' 3.22 cwt. K.H. 8566, 27/8/30.  
2nd " 5' 3.13 cwt. K.H. 8569, 27/8/30.  
3rd " "

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge 41.25 ft., Forecastle 34.0 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 D<sup>5</sup> (SH) Teak S.

Official No. ; Signal Letters Is bottom of Vessel coated with cement ☒ Yes. if not give particulars of composition

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	7	4
Double bottom, under Engines and Boilers,			After peak tank,	12	2 3/4
Double bottom, if under Engines only,			Deep tank, aft, 2 1/2 Tons each side.	9	4 1/2
Double bottom, if under Boilers only,			Deep tank, forward, Under hold.	19.7	31
Double bottom, forward,			Other tanks, if fitted, ✓		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

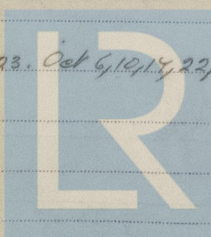
\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No.

Date 21/5/30

Dates of Surveys held while building

1930 June 27, July 1, 15, 21 Aug 19, 25 Sept 2, 12, 19, 23 Oct 6, 10, 14, 22, 24, 29 Nov 3, 13, 18, 28 Dec 4, 15, 19  
1931 Jan 2, 7, 10, 15, 22, 26 Feb 5, 11, 16



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Total No. of Visits 32.