

## STEEL STEAMER or MOTORSHIP.

-6 AUG 1929

Received at London Office

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

-1 AUG. 1929

Port of

Liverpool.

No.

95751.

Survey held at

Birkenhead

Date First Survey

October 25<sup>th</sup> 1928

Last Survey

July 23<sup>rd</sup> 1929.

On the (State if Machinery fitted Aft and)

Single Screw Steamer "GODFREY. B. HOLT."

State Type

(Full scantling, complete Superstructure with or without Tonnage Openings)

State Type of Erections

Poop, Bridge and Forecastle.

TONNAGE under Tonnage Deck

3108.09

CLASS

100 A.1.

State if with freeboard as condition of Class

Yes

Built at

Birkenhead

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 329.5

Launched 21<sup>st</sup> May 1929.

Yard No. 954

Breadth (greatest moulded)

B 46.83

Builders

Messrs. Cammell Laird &amp; Co. Ltd.

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

D 27.50

Owners

J. Holt &amp; Co. (Liverpool) Ltd.

Total

3108.09.

Gross Tonnage

3563.36

Register Tonnage

2180.13

1st Longitudinal Number (L x D)

= 9061

2nd Numeral L x (B + D)

= 24491

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

15.33

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

11.96

Managers

Residence

Liverpool.

Port of Registry

Liverpool.

If surveyed while building, afloat, &amp; in dry dock

Draught Moulded

20'-2"

Yes

## 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	27	✓	Bracket Floors, Frame	7 1/2 3/2 40 B.A.	✓
" " from 1/3 length to Collision bulkhead	27 1/2 24	✓	" " Reversed Frame	7 3 40 B.A.	✓
" " in peaks	24	✓	" " Vertical Struts	7 3 40 B.A.	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	38 ; 48	✓
Frame Amidships, Angle, E or [	8 3 1/2 50	✓	" " top Angles	3 3 46	✓
" " Extends up to	2 <sup>nd</sup> DECK	✓	" " bottom Angles	4 4 52	✓
Reversed Frame Amidships, Angle	✓	✓	Side Girders, No. each side and thickness	one 36	✓
" " Extends up to	✓	✓	Margin Plate depth (excl. of flange) and thickness	36 ; 44	✓
Depth of Framing Girder	8	✓	" " Vertical Angle to Tank side	6 x 6 x 36	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or [	5 1/2 3 1/2 44	✓	" " Bracket abaft 1/4 len. from stem	3 1/2 x 3 1/2 x 36	✓
" " Second 'tween Decks, Angle, [ or [	✓	✓	" " Vertical Angle to Tank side	6 x 6 x 36	✓
" " Third " " "	✓	✓	" " Bracket forward 1/4 len. from stem	6 x 6 x 36	✓
Framing in Peaks, Angle, [	6 3 1/2 42	✓	" " Gussets, spacing and scantling	27 46	Continuous Bunkers
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 6 1/2	✓	" " Gussets, spacing and scantling	21 40	Continuous
State if Frame Joggled	Yes	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	58 x 40	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Beams 8 x 3 x 40 B.A. side stringers carried to 10% length in hold. Floor 10 x 3 x 40 B.A. to 20% length on every frame fwd. 1/2 1. & 2 strakes shell plating in bottom midship thickness carried fwd. & collision strake.	✓	INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars		✓	Breadth and thickness of Middle Line Strake	48 x 46	✓
SINGLE BOTTOM.			Thickness of remainder in Holds	40	✓
Floors, Depth and thickness at mid-line in Holds		✓	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?	Yes	✓
Height of Brackets at side above base line at toe of frame		✓	BEAMS.		
Middle Line Keelson, on Floors, Angles, [ or [		✓	Uppermost Continuous Deck, amidships in Wells, Angle, E or [	11 x 3 1/2 x 46 B.A.	✓
" " Through Plate or Intercoastal Plate		✓	" " in way of Bridge, Angle, [ or [	11 x 3 1/2 x 46	✓
" " Foundation Plate on Floors		✓	Spacing	54	✓
" " Flat Plate Keel Angles		✓	Second Deck, amidships, Angle, [ or [	12 x 3 1/2 x 3 1/2 x 60	✓
Side Keelsons, No. each side		✓	Spacing	54	✓
" " thickness of Intercoastal Plate		✓	Third Deck, amidships, Angle, [ or [	✓	✓
" " Angles		✓	Spacing	✓	✓
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [ or [	✓	✓
Solid Floors, thickness and spacing	36 ; 81"	✓	Spacing	✓	✓
" " Are Frame and Reversed Frame joggled?	Frame only	✓	Poop Deck, Angle, E or [	8 1/2 x 3 x 28	5 x 3 x 28
Bracket Floors, breadth and thickness at middle line	28 1/2 ; 36	✓	Spacing	48	✓
" " breadth and thickness at margin plate	28 1/2 ; 36	✓	Bridge Deck, Angle, E or [	7 1/2 x 3 x 36	✓
			Spacing	27	✓
			Forecastle Deck, Angle, E or [	9 x 3 1/2 x 40	✓
			Spacing	24	✓

## 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> one	DIA. DIA. 27/8 x 3 1/2 54	/	Stringer Plate, breadth and thickness in way of Bridge .....	45 x .38	✓
" in 'tween Decks, Size and Spacing.....	54	/	Thickness of Plating abreast Deck openings in way of Wells .....	.44	✓
" " " " " " " "	DIA. DIA. 4 1/2 x 4 7/8 54	/	Thickness of Plating abreast Deck openings in way of Bridge .....	.34	✓
" in Holds " " " "	54	✓	Thickness of Plating within line of openings...	.34	✓
<b>Centre Line Bulkhead.</b>			If Sheathed, material and thickness .....	pp-201E	
Stiffeners and Spacing.....	✓	2-PSE	<b>Third Deck.</b>		
Plating, thickness of .....	✓	68-04	Stringer Plate, breadth and thickness.....	✓	
<b>STRINGERS AND DECKS.</b>			If Plated, state thickness.....	✓	
<b>Uppermost Continuous Deck</b>			<b>Fourth Deck.</b>		
Stringer Plate, breadth and thickness in Wells	50 x 50 ✓	08-75	Stringer Plate, breadth and thickness.....	E-E-02E	
" " " " in way of Bridge	50 x .36 ✓	100P	If Plated, state thickness .....	E1-08V6	
" " " " " " " "	5 x 5 x .50 ✓	1P442	<b>Poop Deck.</b>		
Thickness of Plating abreast Deck openings in way of Wells .....	.32 ✓	EE-01	Stringer Plate, breadth and thickness .....	32 x .32 ✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	.32 ✓	op-11	Ties .32 steel ✓		
Thickness of Plating within line of openings...	.40 ✓	under mounds	Plating, Sheathing, material and thickness ...	5 x 2 1/2 teak ✓	
If Sheathed, material and thickness .....	when exposed 5 x 2 1/2 teak ✓ " immersed 5 x 2 teak ✓		<b>Bridge Deck.</b>		
<b>Second Deck.</b>			Stringer Plate, breadth and thickness.....	57 x .38 ✓	
Stringer Plate, breadth and thickness in Wells...	45 x .44 ✓		Plating, Sheathing, material and thickness ...	5 x 2 1/2 teak ✓	
			<b>Forecastle Deck.</b>		
			Stringer Plate, breadth and thickness.....	32 x .32 ✓	
			Plating, Sheathing, material and thickness ...	30x sheathing ✓ 5 x 2 1/2 teak ✓	

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			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	47	3/4	69	69	✓ +10	Double	7/8	3 1/2	✓ 3R	7/8	3 1/8	Lapped	
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes	63	52	44	44	✓	Double	7/8	3 1/2	3R	7/8	3 1/8	Lapped	
BILGE PLATING, No. of Strakes	63	52	49	45	✓	„	„	„	„	✓	„	„	
SIDE PLATING, No. of Strakes	72	52	42	42	✓	„	„	„	„	✓	„	„	
UPPER DECK Sheer-strake in Wells	49	63	42	42	✓	„	„	„	„	✓	„	„	
UPPER DECK Sheer-strake in Bridge	49	52	✓	✓	✓	„	„	„	4R 3R	✓	„	„	
STRAKE BELOW Sheer-strake in Wells	49	59	42	42	✓	„	„	„	3R	✓	„	„	
STRAKE BELOW Sheer-strake in Bridge	49	52	✓	✓	✓	„	„	„	„	✓	„	„	
POOP SIDE PLATING	✓	36	✓	✓	✓	Single	„	„	2R	3/4	2 5/8	„	
BRIDGE SIDE PLATING	✓	47	✓	✓	✓	„	„	„	3R	3/4	2 5/8	„	
FORE'TLE SIDE PLATING	✓	38	✓	✓	✓	„	„	„	1R	3/4	2 5/8	„	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	Six ✓
Extending to Upper Deck (Sec. 3 c)	Five ✓
“ Deck next below	One ✓
As per Rule	Six ✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....	✓	✓	✓	✓
STEM .....	Forging	8½ x 2¼	The Sunderland Forge Co. Ltd.	✓
STERN FRAME {	Propeller Post .....	Hammered 9½ x 6½	The Sunderland Forge Co. Ltd.	✓
	Rudder " .....	Scrap iron 8½ x 6½		✓
RUDDER—A x D. 321				✓
Speed of Vessel 10 Knots				✓
RUDDER mainpiece at head ...	Forged Iron	8 7/8 DIA.	The Sunderland Forge Co. Ltd.	✓
" " heel ...		6 1/6 DIA.		✓
" " how constructed .....		Built arms shrunk & keyed		✓
" " double or single plate		yes 96		✓
" " coupling, vertical or horizontal .....		Horizontal		✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *S. M. open hearth.*  
*Baldwins Ltd.; Lanarkshire Steel Co.; Dorman Long Co.; Fraser & Partners; Round Oak Steel works; Fordingham Iron Steel Co.; James Dunlop Co.; Pat Talbot Steel Co.; Connell Iron Works; J. & K. Hunter & Co.; D. Colville & Sons; Cleveland Steel works; Steel Co. of*  
 Has the Steel been tested as required by the Rules? *Yes. [Scotland; James Dunlop Co.; Carnegie Steel Iron Co.; William Beardmore; Appleby Iron*



18222  
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.)

The following approved plans are forwarded herewith:  
Midship Section.  
Constructional Deck Plans.  
Longitudinal Section.  
Pillars and runners.  
Amended Rudder and stemframe.  
Rudder and Stemframe (Cancelled).  
Steering Arrangement.  
Pillaring in way of Midship Accommodation.  
Shell plating in way of Breasts.  
Casing and Bunker Scantlings.  
Multiple Riveting (Decks).  
Gangway and ash doors.  
Hatch end beams & pillars.  
Tunnel Scantlings.  
Multiple Riveting (Tank top).  
Mast Plan.

This vessel has been built in accordance with the approved plans. The keelson, keelson plates, and the fore and aft frames are of steel. The workmanship and materials are good. A further 7-8 has been required and has been supplied. The vessel is a full length of 126 ft. The keelson is of 14 ft. x 1/2 in. steel. The keelson plates are of 1/2 in. steel. The fore and aft frames are of 14 ft. x 1/2 in. steel. The workmanship and materials are good. The vessel is a full length of 126 ft. The keelson is of 14 ft. x 1/2 in. steel. The keelson plates are of 1/2 in. steel. The fore and aft frames are of 14 ft. x 1/2 in. steel. The workmanship and materials are good.

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower 2nd " 3rd "	hot cast steel heads
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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 14'9" ft., R.Q.D. ft., Bridge 126'0" ft., Forecastle 32'0" 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) 2 Decks (steel) with deck tanks

Official No. 161105 : Signal Letters 161103 see ltr. attached  
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,	83'-3"	136.2	Fore peak tank,	16'-9"	56.4
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	14'-8"	20.0
Double bottom, # under Engines only,	20'-3"	59.2	Deep tank, aft,	✓	✓
Double bottom, # under Boilers only,	31'-6"	98.2	Deep tank, forward,	✓	✓
Double bottom, forward,	147'-3"	353.5	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		647.1	(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. 1226  
Date 15/11/1928.  
Dates of Surveys held while building  
1928. Oct 25, Nov 9, 22, Dec 17, 21. 1929. Jan 9, 23, 30, Feb 6, 7, 28, Apr 3, 8, 12, 19, 26, 29, 30, May 1, 2, 7, 10, 13, 14, 15, 21, 29.  
June 5, 10, 12, 18, 25, July 2, 3, 4, 6, 8, 11, 23.  
Total No. of Visits 39.