

## STEEL STEAMER or MOTORSHIP.

Received at London Office 4 SEP 1929

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report

Port of *Liverpool*No. *95885*Survey held at *Birkenhead*Date First Survey *December 21<sup>st</sup>/28* Last Survey *August 16<sup>th</sup>* 1929.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

*Single Screw Steamer "THOMAS 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 with freeboard.*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 *6<sup>th</sup> June 1929.* Yard No. *986*Total *3108.09*

Breadth (greatest moulded)

B *46.83*Builders *Messrs. Cammell Laird & Co. Ltd.*Gross Tonnage *3879.55*

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

D *27.80*Owners *J. Holt & Co. (Liverpool) Ltd.*Register Tonnage *2191.14*1st Longitudinal Number (L x D) = *9061*Managers *(Where necessary to be entered in Reg. Book.)*2nd Numeral L x (B + D) = *24491*Residence *Liverpool.*

## REGISTERED DIMENSIONS.

Length *330.5*

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

*18.33*Port of Registry *Liverpool.*Breadth *47.1*

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

*11.96*

If surveyed while building, afloat, or in dry dock

Depth *28.3*Do. Long Bridge to top of keel *Yes.*Draught Moulded *20'2"*

## 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.
<b>FRAMES, Spacing amidships</b>	<i>27</i>		<b>Bracket Floors, Frame</b>	<i>7 1/2 3 1/2 40 B.A.</i>	
" " from 3/4 length to Collision bulkhead	<i>27 5/8 24</i>		" " Reversed Frame	<i>7 3 40 B.A.</i>	
" " in peaks	<i>24</i>		" " Vertical Struts	<i>7 3 40 B.A.</i>	
<b>IDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<i>38 48</i>	
<b>Frame Amidships, Angle</b> <i>E or C</i>	<i>8 3 1/2 50</i>		" " top Angles <i>Double</i>	<i>3 3 46</i>	
" " Extends up to	<i>2nd Deck</i>		" " bottom Angles <i>Double</i>	<i>4 4 52</i>	
<b>Reversed Frame Amidships, Angle</b>			<b>Side Girders, No. each side and thickness</b>	<i>one 36</i>	
" " Extends up to			<b>Margin Plate depth (excl. of flange) and thickness</b>	<i>36 44</i>	
<b>Depth of Framing Girder</b>	<i>8</i>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>6 x 6 x 36 3 1/2 x 3 1/2 x 36</i>	
<b>Frames in Uppermost Continuous tween Decks, Angle</b> <i>E or C</i>	<i>5 1/2 3 1/2 44</i>		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	<i>5 6 36</i>	
" " <b>Second tween Decks, Angle</b> <i>E or C</i>			" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>27 x 46 Continuous in Bunkers</i>	
" " <b>Third</b>			" " Gussets, spacing and scantling forward 1/2 len. from stem	<i>21 x 40 Continuous</i>	
<b>Framing in Peaks, Angle</b> <i>E or C</i>	<i>6 3 1/2 42</i>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<i>58 x 40.</i>	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	<i>7/8 6 1/4</i>		<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	<i>Yes</i>		Breadth and thickness of Middle Line Strake	<i>48 46</i>	
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars	<i>Beams 8 x 3 x 40 B.A. 12 side stringers 6 x 3 x 40 B.A. 60% L in hold 3 frames 10 x 3 1/2 x 46 B.A. to 2nd DECK</i>		Thickness of remainder in Holds	<i>40</i>	
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars	<i>Shd. have a very heavy plate 3/16 L. 12 stringers shell plating 1/4" from midship thickness carried fwd. to Collision Bulk.</i>		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?	<i>Yes</i>	
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>			<b>Uppermost Continuous Deck, amidships in Wells, Angle</b> <i>E or C</i>	<i>11 3 1/2 46</i>	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle <i>E or C</i>	<i>11 3 1/2 46</i>	
<b>Middle Line Keelson, on Floors, Angles, C or E</b>			Spacing	<i>54</i>	
" " Through Plate or Intercoastal Plate			<b>Second Deck, amidships, Angle</b> <i>E or C</i>	<i>12 x 3 1/2 x 3 1/2 x 60</i>	
" " Foundation Plate on Floors			Spacing	<i>54</i>	
" " Flat Plate Keel Angles			<b>Third Deck, amidships, Angle, C or E</b>		
<b>Side Keelsons, No. each side</b>			Spacing		
" " thickness of Intercoastal Plate			<b>Fourth Deck, amidships, Angle, C or E</b>		
" " Angles			Spacing		
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle</b> <i>E or C</i>	<i>5 1/2 3 28</i>	<i>5 x 3 x 28</i>
<b>Solid Floors, thickness and spacing</b>	<i>36 81"</i>		Spacing	<i>48</i>	
" " Are Frame and Reversed Frame joggled?	<i>Frame only</i>		<b>Bridge Deck, Angle</b> <i>E or C</i>	<i>7 1/2 3 36</i>	
<b>Bracket Floors, breadth and thickness at middle line</b>	<i>28 1/2 36</i>		Spacing	<i>27</i>	
" " breadth and thickness at margin plate	<i>28 1/2 36</i>		<b>Forecastle Deck, Angle</b> <i>E or C</i>	<i>9 3 1/2 40</i>	
			Spacing	<i>48</i>	



## 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>	<i>one</i>		Stringer Plate, breadth and thickness in way of Bridge .....	<i>48 x .38</i>	✓
„ in 'tween Decks, Size and Spacing.....	<i>2 1/2 x 3 1/2</i>	✓	Thickness of Plating abreast Deck openings in way of Wells .....	<i>.44</i>	✓
„ „ „ „ „	<i>5/4</i>	✓	Thickness of Plating abreast Deck openings in way of Bridge .....	<i>.34</i>	✓
„ in Holds „ „	<i>4 1/2 x 4 7/8</i>	✓	Thickness of Plating within line of openings...	<i>.34</i>	✓
„ „ „ „	<i>5/4</i>	✓	If Sheathed, material and thickness .....	<i>PO-801E</i>	✓
<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.....	<i>PO-801E</i>	
Stringer Plate, breadth and thickness in Wells	<i>50 x .50</i>	✓	If Plated, state thickness .....	<i>PO-801E</i>	
„ „ „ „ in way of Bridge	<i>50 x .36</i>	✓	<b>Poop Deck.</b>		
„ Angle in Wells .....	<i>5 5 .50</i>	✓	Stringer Plate, breadth and thickness .....	<i>32 x .32</i>	✓
Thickness of Plating abreast Deck openings in way of Wells .....	<i>.32</i>	✓	<i>Ties .32 steel.</i>		
Thickness of Plating abreast Deck openings in way of Bridge .....	<i>.32</i>	✓	Plating, Sheathing, material and thickness ...	<i>5 x 2 1/2 teak</i>	✓
Thickness of Plating within line of openings...	<i>.40</i>	✓	<b>Bridge Deck.</b>		
If Sheathed, material and thickness .....	<i>where exposed 5 x 2 1/2 teak</i>	✓	Stringer Plate, breadth and thickness.....	<i>5 1/2 x .38</i>	✓
<b>Second Deck.</b>			Plating, Sheathing, material and thickness ...	<i>5 x 2 1/2 teak</i>	✓
Stringer Plate, breadth and thickness in Wells...	<i>48 x .44</i>	✓	<b>Forecastle Deck.</b>		
			Stringer Plate, breadth and thickness.....	<i>32 x .32</i>	✓
			<i>SO OK</i>	<i>.30 x sheathing</i>	
			Plating, Sheathing, material and thickness ...	<i>5 x 2 1/2 teak</i>	✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?		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	74	69	69	+ 10	Double	7/8	3 1/2	3R.	7/8	3 1/2	Lapped
" DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of of Strakes ... 4	63	52	44	44		Double	7/8	3 1/2	3R	7/8	3 1/8	Lapped
BILGE PLATING, No. of Strakes ... 5	63	52	49	45		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes ... 3	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 <b>W.T. BULKHEADS</b> in Vessel—	<i>Disc.</i> ✓
Extending to Upper Deck (Sec. 3 c).....	<i>Five.</i> ✓
"      Deck next below.....	<i>One.</i> ✓
As per Rule.....	<i>Six.</i> ✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....	✓	✓	✓	✓
STEM .....	Forging	8 1/2 x 2 1/4	The Sunderland Forge Co.	
STERN FRAME {	Propeller Post .....	Hammond	9 1/2 x 6 1/8	The Sunderland Forge Co.
	Rudder " .....	Scrap iron	8 1/2 x 6 1/8	
RUDDER—A x D. ....	321			
Speed of Vessel ....	10 Knots.			
RUDDER mainpiece at head ..	Forged iron	8 7/8 DIA	The Sunderland Forge Co.	
" " heel ..		6 7/16 DIA.		
" how constructed .....	Built, arms shunk & keyed			
" double or single plate ..	Yes .96			
" coupling, vertical or horizontal .....	Horizontal.			

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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 Sta., Lanarkshire Steel Co.; Downham Long Co.; Lease & Partners; Round Oak Steel Works; Lidingham Iron Steel Co.; James Dunlop & Co.; Pat. Talbot Steel Co.; Connell Iron Works; Guest Keen & Nettlefold; D. G. Miller & Sons; Cleveland Steel Works; Steel Co. of Scotland; Cargo Riel Iron Co.; William*  
 Has the Steel been tested as required by the Rules? *Yes* [ *Readman; Appleby Iron Co. Ltd.* ]







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 Plan.

Longitudinal Section.

Pillars and Runners.

Amended Rudder and Stemframe.

Rudder and Stemframe (Cancelled).

Steering Arrangement.

Pillars in way of Midship Accommodation.

Shell plating in way of beams.

Casing and Bunker Scantlings.

Multiple Riveting (Decks).

Gangway and Ash Doors.

Hatch end beams and Pillars.

Tunnel Scantlings.

Multiple Riveting (Tank Top).

Wast plan.

Note: This vessel is sister to the S.S. "GODFREY B. HOLT"  
Liverpool report no. 95751.

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.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 14'9" ft., R.Q.D. ✓ ft., Bridge 26'0" 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 Ds (see) with dk. tank S.

Official No. 161105

Signal Letters

particulars of composition

Is bottom of Vessel coated with cement *yes* if not give

### 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, (If necessary, furnish further information by sketch.)	✓	✓
Total capacity of double bottom		647.1			

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

Order for Special Survey No. 1228

Date 17/12/28

Dates of Surveys  
held while building

1928. Dec 21. Jan 7. 14. 24. 29. Feb 6. 14. Mar 5. 20. 27. Apr 4. 12. 29. May 2. 9. 14. 15. 17. 21. 22. 23. 24. 27. 29. 30.  
1929. June 4. 13. 25. July 17. 22. 23. 24. 25. 26. 29. 30. 31. Aug 16.

Total No. of Visits 38