

## STEEL STEAMER MOTORSHIP.

Received at London Office 29 JUN 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. *95585*Survey held at *Birkenhead*Date First Survey *August 28<sup>th</sup> 1928*Last Survey *June 15<sup>th</sup> 1929*

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

*T.S.M.V. THURLAND CASTLE*

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

*Full Scantling with Tonnage opening*State Type of Erections *Full on shelter Dr*TONNAGE under Tonnage Deck... *5727.72*CLASS *100A.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)

FEET.

Launched *26<sup>th</sup> March 1929* Yard No. *946*

Total

*5727.72*

Breadth (greatest moulded)

B *60.00*Builders *James Cammell Laird & Co.*

Gross Tonnage

*6371.62*

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

D *39.50*Owners *Lancashire Shipping Co. Ltd.*

Register Tonnage

*3807.69*1st Longitudinal Number (L x D) = *18170*Managers *J. Chambers & Co.*

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

2nd Numeral L x (B + D) = *45770*

## REGISTERED DIMENSIONS.

FEET.

Length

*464.60*

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

*11.50*Residence *Liverpool*

Breadth

*60.33*

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

*11.50*Port of Registry *Liverpool*

Depth

*28.85*

Draught Moulded

*26'-10 3/4*

If surveyed while building, afloat, or in dry dock

*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.
<b>FRAMES, Spacing amidships</b>	<i>32</i>	<i>✓</i>	<b>Bracket Floors, Frame</b>	<i>3 1/2 5 1/2 48</i>	<i>✓</i>
" " from 3/4 length to Collision bulkhead	<i>27</i>	<i>✓</i>	" " Reversed Frame	<i>3 1/2 3 1/2 48</i>	<i>✓</i>
" " in peaks	<i>24</i>	<i>✓</i>	" " Vertical Struts	<i>Flange</i>	<i>✓</i>
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<i>48 1/2 61 1/2 48</i>	<i>✓</i>
Frame Amidships, Angle, <i>E</i> or <i>C</i>	<i>12 3 1/2 57</i>	<i>✓</i>	" " top Angles <i>Double</i>	<i>3 1/2 5 1/2 56 52</i>	<i>✓</i>
" " Extends up to	<i>Row DR.</i>	<i>✓</i>	" " bottom Angles	<i>5 1/2 6 1/2 59</i>	<i>✓</i>
Reversed Frame Amidships, Angle	<i>✓</i>	<i>✓</i>	<b>Side Girders, No. each side and thickness</b>	<i>1 44</i>	<i>✓</i>
" " Extends up to	<i>✓</i>	<i>✓</i>	<b>Margin Plate depth (excl. of flange) and thickness</b>	<i>48 60</i>	<i>✓</i>
Depth of Framing Girder	<i>12</i>	<i>✓</i>	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>6 6 48</i>	<i>✓</i>
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>C</i>	<i>8 3 1/2 40</i>	<i>✓</i>	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	<i>6 6 48</i>	<i>✓</i>
" " Second 'tween Decks, Angle, <i>E</i> or <i>C</i>	<i>8 3 1/2 40</i>	<i>✓</i>	" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>21 1/2 47 Continuous</i>	<i>✓</i>
" " Third " " "	<i>✓</i>	<i>✓</i>	" " Gussets, spacing and scantling forward 1/4 len. from stem	<i>21 1/2 47</i>	<i>✓</i>
Framing in Peaks, Angle or <i>C</i>	<i>8 3 1/2 42</i>	<i>✓</i>	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<i>70 50</i>	<i>✓</i>
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8-5.5-6 Dia</i>	<i>✓</i>	<b>INNER BOTTOM PLATING.</b>		
State if Frame Joggled	<i>Yes</i>	<i>✓</i>	Breadth and thickness of Middle Line Strake	<i>58 1/2 56</i>	<i>✓</i>
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars	<i>3 Side Stringers about 67' from stem 40' high 5 1/2" x 48' from angle</i>	<i>✓</i>	Thickness of remainder in Holds	<i>81 1/2 54</i>	<i>✓</i>
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars	<i>Close spaced Longit. and 3 strakes midships thickness 5 G.L. 13th</i>	<i>✓</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>	<i>✓</i>
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
Floors, Depth and thickness at mid-line in Holds	<i>✓</i>	<i>✓</i>	Uppermost Continuous Deck, amidships in Wells, Angle, <i>E</i> or <i>C</i>	<i>✓</i>	<i>✓</i>
Height of Brackets at side above base line at toe of frame	<i>✓</i>	<i>✓</i>	" " in way of Bridge, Angle, <i>E</i> or <i>C</i>	<i>✓</i>	<i>✓</i>
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>C</i>	<i>✓</i>	<i>✓</i>	Spacing	<i>✓</i>	<i>✓</i>
" " Through Plate or Intercoastal Plate	<i>✓</i>	<i>✓</i>	<b>Second Deck, amidships, Angle, <i>E</i> or <i>C</i></b>	<i>✓</i>	<i>✓</i>
" " Foundation Plate on Floors	<i>✓</i>	<i>✓</i>	Spacing	<i>✓</i>	<i>✓</i>
" " Flat Plate Keel Angles	<i>✓</i>	<i>✓</i>	<b>Third Deck, amidships, Angle, <i>E</i> or <i>C</i></b>	<i>✓</i>	<i>✓</i>
Side Keelsons, No. each side	<i>✓</i>	<i>✓</i>	Spacing	<i>✓</i>	<i>✓</i>
" " thickness of Intercoastal Plate	<i>✓</i>	<i>✓</i>	<b>Fourth Deck, amidships, Angle, <i>E</i> or <i>C</i></b>	<i>✓</i>	<i>✓</i>
" " Angles	<i>✓</i>	<i>✓</i>	Spacing	<i>✓</i>	<i>✓</i>
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, <i>E</i> or <i>C</i></b>	<i>✓</i>	<i>✓</i>
Solid Floors, thickness and spacing	<i>52 96</i>	<i>✓</i>	Spacing	<i>✓</i>	<i>✓</i>
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>	<i>✓</i>	<b>Bridge Deck, Angle, <i>E</i> or <i>C</i></b>	<i>✓</i>	<i>✓</i>
Bracket Floors, breadth and thickness at middle line	<i>✓</i>	<i>✓</i>	Spacing	<i>✓</i>	<i>✓</i>
" " breadth and thickness at margin plate	<i>24" x 44</i>	<i>✓</i>	<b>Forecastle Deck, Angle, <i>E</i> or <i>C</i></b>	<i>✓</i>	<i>✓</i>
			Spacing	<i>✓</i>	<i>✓</i>

Longitudinal System



Lloyd's Register Foundation



## 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>Two</i> ✓	✓	Stringer Plate, breadth and thickness in way of Bridge .....	✓	
" <i>mark</i> in between Decks, Size and Spacing.....	<i>6-6 1/2 Dia wide spans</i> ✓	✓	Thickness of Plating abreast Deck openings in way of Wells ... <i>note above</i> .....	<i>.51</i> ✓	✓
" <i>Round</i> " " " " .....	<i>11.12-14 Dia Under spans</i> ✓	✓	Thickness of Plating abreast Deck openings in way of <del>the</del> .....	<i>.41 - .36</i> ✓	✓
" in Holds " " " " .....	<i>15-16 1/2 Dia Under spans</i> ✓	✓	Thickness of Plating within line of openings...	<i>.40 - .35</i> ✓	✓
" " " " " " .....	✓		If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	<i>75 - 39 - 42</i> ✓	✓
Plating, thickness of .....	✓		If Plated, state thickness.....	<i>.36</i> ✓	✓
<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>60 1/2 x 68 1/2</i> ✓	✓	If Plated, state thickness .....	✓	
" " " " in way of Bridge	✓		<b>Poop Deck.</b>		
" Angle in Wells .....	<i>6-6 x 70 1/2</i> ✓ <i>3 1/2 x 3 1/2</i> ✓	✓	Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	<i>72 - 46</i> ✓	✓	Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	<i>.45 - .40</i> ✓	✓	Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ...	✓	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells	<i>68 1/2 x 45 1/2</i> ✓	✓	Stringer Plate, breadth and thickness.....	<i>60 - 38</i> ✓	✓
Plating, Sheathing, material and thickness ...	<i>.58</i> ✓	✓	Plating, Sheathing, material and thickness ...	<i>.36 50 max under 3" R.P.</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 .....	54	.85	.75	.75	✓	2R	1	4	4R	1	4	Rapped and Single Strake at end	
„ DBLG. (if any)	✓												
BOTTOM PLATING, No. of of Strakes (4.....)	1st. 75 1/8 2nd. 74 3/4	.68	.54	.53	✓	2R.	7/8	3 1/2	3R.	7/8	3 1/8	Rapped	
BILGE PLATING, No. of Strakes (2.....)	1st. 72 1/2 2nd. 77 1/2	.69	.61	.56	✓	"	"	"	4R + 3R.	"	3 1/2 3/8	"	
SIDE PLATING, No. of Strakes (4.....)	1st. 77 1/2 2nd. 78 1/8	.76	.63	.53	✓	"	"	"	3R.	"	3/8	"	
UPPER DECK, Sheer- strake in Wells.....)	53	.80	.52	.50	✓	"	1	4	4R + 3R.	1 7/8	4 3/8	"	
UPPER DECK, Sheer- strake in Bridge ...)													
STRAKE BELOW Sheer- strake in Wells.....)	53	.76	.52	.50	✓	"	7/8	3 1/2	4R + 3R.	7/8	3 1/2 3/8	"	
STRAKE BELOW Sheer- strake in Bridge ...)													
POOP SIDE PLATING .....													
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING	48 58		1/4			1R	3/4 7/8	3 3/2	1R	3/4	2 9/8	"	

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	<b>7</b>
Extending to Upper Deck (Sec. 3 c).....	<b>1</b>
„ Deck next below.....	<b>6</b>
As per Rule.....	<b>7</b>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....	✓	✓	✓	✓
STEM .....	Riveted Steel	10 x 2 7/8	✓	
STERN FRAME { Propeller Post .....	Cast Steel	As per approved plan.	S. Knapp & Co.	
{ Rudder .....	Forged Steel.	9 1/2 x 4 1/8	From R. L. Gibson	
RUDDER—A x D. =	909			
Speed of Vessel .....	16 knots.			
RUDDER mainpiece at head ...		14 3/8		
" " heel ...		10 3/4.		
" how constructed .....	Built. Arms shrunk & lapped			
" double or single plate .....		1.16		
" coupling, vertical or horizontal .....	Horizontal			

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings, Spacing.		Scantlings	Spacing.
MIDSHIP BULKH'D, Upper Trans. Deck.	WT. BND. 33.	38' 3/4.	5' 3" x 4000.	25"	✓	
	O.T. BND. 63.	Dep. End	As Opposite.	42"	✓	
	WT. BND. 55.	32.	5' 3" x 321.	42.	✓	
	O.T. 87.	Dep. End	As Opposite.		✓	
	WT. 87.	32.	5' 8" x 321.	42.	✓	
"	Second	O.T. 105.	Dep. End	As Opposite.	✓	
"	Third	WT. 105.	32.	5' 3" x 321.	42.	✓
"	"	WT. 125.	50' 15' 4 1/4" x 425	62	✓	
"	Holds	1' 32'.	5' 8" x 35.	42	✓	
COLLISION	(in Hold)	fr. 169.	57' 33"	9' 3 1/2" x 500.	27.	✓
			1' 33"	7' 3" x 3800.	42.	✓
		50' 11' 3 1/2" x 4500	75	✓		
AFTER PEAK		9.	1' 32"	8' 1" x 4000	24.	✓
				5' 3" x 3200	42.	✓

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

STEEL.

Wessington Steelworks, Allbright & Co. Portland, Ore. Steel Works, Appleby & Co. Cange Steel Iron Co.  
Pecos Furnace, Baldwin, Ind. Dorman Long Co. Cleveland Steelworks, Frothingham & Co. South Durham S-D Co.  
Consett Iron Works, The Darnley Co. Horner & Veirer Harrogate, Port Talbot Steel Co. Steel Co. of Scotland, Stewart & Clayton,  
U.S. App. Mucker Park, D. Colville & Son  
Has the Steel been tested as required by the Rules? 2.







## PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.				
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Spang. Ins. Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.		
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Number.			Diameter. Inches.		
Framing of L, L or C .....																		
Frames in Bridge 'tween Decks...																		
Frames from Uppermost Continuous Deck		No. 1)																
Framing from Awning, Shelter or Upper Deck to Margin Plate.		" 2																
		" 3																
		" 4																
		" 5																
		" 6																
		" 7																
		" 8																
		" 9																
		" 10																
		" 11																
" 12																		
" 13																		
" 14																		
" 15																		
" 16																		
Spacing of Longitudinal Frames		Amidships .....		At Ends .....														
Double Bottoms		Tank Top Longitudinals		10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48
Bottom		"		10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48	10 3 1/2 48
Spacing of Longitudinals		Amidships		35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
		At Ends...		35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Transverses. BEAMS																		
In Bridge		Depth and Thickness		11 3 38L	10 3 1/2 38L	11 3 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L
'tween Decks		Face Angles .....		7 3 1/2 4284	7 3 1/2 5284	7 3 1/2 4284	7 3 1/2 5284	7 3 1/2 4284	7 3 1/2 5284	7 3 1/2 4284	7 3 1/2 5284	7 3 1/2 4284	7 3 1/2 5284	7 3 1/2 4284	7 3 1/2 5284	7 3 1/2 4284	7 3 1/2 5284	7 3 1/2 4284
		Lugs to Shell* .....																
In Awning, Shelter or Upper 'tween Decks.		Depth and Thickness		10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L	10 3 1/2 38L
		Face Angles .....		10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489
		Lugs to Shell* .....																
		Depth and Thickness		10 3 1/2 38L	11 3 38L	10 3 1/2 38L	11 3 38L	10 3 1/2 38L	11 3 38L	10 3 1/2 38L	11 3 38L	10 3 1/2 38L	11 3 38L	10 3 1/2 38L	11 3 38L	10 3 1/2 38L	11 3 38L	10 3 1/2 38L
		Face Angles .....		10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489	10 3 1/2 4489
In Hold.		Lugs to Shell* .....																
		Brackets .....		30 48 36	30 48 36	30 48 36	30 48 36	30 48 36	30 48 36	30 48 36	30 48 36	30 48 36	30 48 36	30 48 36	30 48 36	30 48 36	30 48 36	30 48 36
Spacing of Transverse Frames .....				8'0"	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"
		State if joggled or liners.																
Longitudinal Beams of		Bridge Deck ...																
		Avg. or Shltr. Dk.		7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284	7 3 1/2 5284
		Upper		6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33
		Second		6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33
		Third		6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33	6 3 33
		Spacing.																
		In Ships.		Plate.	Angles.	Plate.	Angles.	Plate.	Angles.	Plate.	Angles.	Plate.	Angles.	Plate.	Angles.	Plate.	Angles.	Plate.
		As approved.																
		Transverse Beams.																

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This ship to be printed on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.



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.)

approved plans attached:

- 1 ☒ 2 *Ship Section (2 plans).*
- 3 ☒ 3 *Profile and Deck plans. (Focus on Bow)*
- 4 ☒ 4 *Engine Seating.*
- 5 ☒ 5 *Pillars and Girders*
- 6 ☒ 6 *Structure at Pillar Heads*
- 7 ☒ 7 *after end framing.*
- 8 ☒ 8 *Deep tank at after end of Motor Room*
- 9 ☒ 9 *Deep tank at fore end of Motor Room showing proposed plate landings*
- 10 ☒ 10 *Oil Light Hatches*
- 11 ☒ 11 *Cargo Hatches*
- 12 ☒ 12 *Deep tank at fore end of Motor Room.*
- 13 ☒ 13 *Waste plan*
- 14 ☒ 14 *Watertight Bulkheads.*
- 15 ☒ 15 *Arrangement of Engineer's store in Shaft Tunnel*
- 16 ☒ 16 *Deck plating Scantlings*
- 17 ☒ 17 *Web Frames and Coaming Scantlings*
- 18 ☒ 18 *Fore body Connections to Main Brackets*
- 19 ☒ 19 *Scantlings of Forward Deck Houses*
- 20 ☒ 20 *Bulkheads at Luggage openings*
- 21 ☒ 21 *Shaft Tunnel*
- 22 ☒ 22 *Deep tank at after end of Motor Room showing proposed plate landings*
- 23 ☒ 23 *Rudder, stem frame and Shaft Brackets*

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

1st Bower *Wt 50-0-23 cwt; Initials K.H.; Cert. No. 6125; date 19<sup>th</sup> February 1929.*  
2nd " *Wt 50-0-16 cwt; " M.B.; " 5938; " 19<sup>th</sup> November 1928.*  
3rd " *Wt 46-2-16 cwt; " K.H.; " 5867; " 2<sup>nd</sup> November 1928.*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle *42.33* 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 Dns (Std.).*

Official No. *161100*; Signal Letters

Is bottom of Vessel coated with cement *yes* if not give particulars of composition *Coated with oil elsewhere* *(For rappeh & F.W. Tanks)*

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>175"</i>	<i>144'0"</i>	<i>311.3</i>	Fore peak tank,	<i>28'7 1/2"</i>	<i>148.8</i>
Double bottom, under Engines and Boilers,	<i>64</i>	<i>354.1</i>	After peak tank,	<i>18'10 1/2"</i>	<i>59.6</i>
Double bottom, if under Engines only,			Deep tank, aft,	<i>18'8"</i>	<i>515.6</i>
Double bottom, if under Boilers only,			Deep tank, forward, <i>2<sup>nd</sup></i>	<i>26'8"</i>	<i>850.1</i>
Double bottom, forward,	<i>204'6"</i>	<i>853.3</i>	Other tanks, if fitted, <i>Deep tank fwd. 1<sup>st</sup></i>	<i>18'8"</i>	<i>606.6</i>
Total capacity of double bottom <i>393</i>		<i>1518.7</i>	(If necessary, furnish further information by sketch. <i>Coffinham</i> )		<i>2.8</i>
			* The wells are not to be included in the lengths of the tanks. <i>Deep tank between tunnels</i>		<i>29'4"</i>
					<i>93.25</i>

Order for Special Survey No. *1218*

Date

*4/7/28.*

Dates of Surveys held while building

*1928.*

*Aug 28. Sept 11. Oct 15. 17. 18. 19. 25. 29. 31. Nov 6. 9. 14. 20. 21. 26. 30. Dec 6. 14. 19.*

*1929.*  
*Jan 4. 7. 8. 10. 14. 15. 18. 22. 23. 25. 29. 29. Feb 4. 8. 9. 12. 15. 16. 18. 20. 22. 25. 28. Mar 5. 7. 8. 12. 14. 15. 18. 19. 21. 22. 23. 25. 26.*

*Apr 4. 12. 30. May 1. 8. 13. 17. 23. 24. 28. June 3. 10. 13. 15.*

Total No. of Visits

*69.*