





## 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>											
" in 'tween Decks, Size and Spacing.....											
" " " " " " " "											
" in Holds " " " "											
" " " " " " " "											
<b>Centre Line Bulkhead.</b>											
Stiffeners and Spacing.....		<i>None</i>									
Plating, thickness of .....											
<b>STRINGERS AND DECKS.</b>											
<b>Uppermost Continuous Deck.</b>											
Stringer Plate, breadth and thickness <i>in Walls</i> .....		<i>8 1/2" x .77</i>									
" " " " " in way of Bridge.....		<i>✓</i>									
" Angle <i>in Walls</i> .....		<i>6 6 .72</i>									
Thickness of Plating abreast Deck openings <i>in way of Walls</i> .....		<i>.58</i>									
Thickness of Plating abreast Deck openings <i>in way of Bridge</i> .....		<i>✓</i>									
Thickness of Plating within line of openings.....		<i>.46</i>									
If Sheathed, material and thickness .....		<i>From fore end of midship deckhouse 2 1/2" p. pins</i>									
<b>Second Deck.</b>											
Stringer Plate, breadth and thickness <i>in Walls</i> .....		<i>8 1/2" x .55</i>									
Stringer Plate, breadth and thickness in way of Bridge.....											
Thickness of Plating abreast Deck openings in way of Bridge.....											
Thickness of Plating within line of openings.....											
If Sheathed, material and thickness .....											
<b>Third Deck.</b>											
Stringer Plate, breadth and thickness.....		<i>8 1/2" x .39</i>									
If Plated, state thickness.....		<i>.36</i>									
<b>Fourth Deck. in No. 1 &amp; 2 holds only</b>											
Stringer Plate, breadth and thickness.....		<i>3 1/2" thick</i>									
If Plated, state thickness .....		<i>.30</i>									
<b>Poop Deck.</b>											
Stringer Plate, breadth and thickness .....											
Plating, Sheathing, material and thickness .....											
<b>Bridge Deck.</b>											
Stringer Plate, breadth and thickness.....											
Plating, Sheathing, material and thickness .....											
<b>Forecastle Deck.</b>											
Stringer Plate, breadth and thickness .....											
Plating, Sheathing, material and thickness .....											

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>No</i>	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.		Diam.
	Inches.	Inches.	Inches.	Inches.		SINGLE OR DOUBLE.	Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL .....	<i>59 1/2</i>	<i>.95</i>	<i>.85</i>	<i>.85</i>		<i>Double</i>	<i>1</i>	<i>3 3/4</i>	<i>4 R fra</i>	<i>1 1/8</i>	<i>4</i>	<i>Lapped</i>
" <i>in way deck keel</i>												
" <i>Deck (if any)</i>		<i>1.12</i>	<i>1.02</i>	<i>-</i>			<i>1</i>	<i>3 3/4</i>	" "	<i>1 1/8</i>	<i>4</i>	"
BOTTOM PLATING, No. of Strakes <i>Down</i> .....	<i>1090</i>	<i>.72</i>	<i>.57</i>	<i>.64</i>			<i>7/8</i>	<i>3 3/8</i>	<i>4 R</i>	<i>7/8</i>	<i>3 1/2</i>	<i>↑</i>
BILGE PLATING, No. of Strakes <i>Out</i> .....	<i>1084</i>	<i>.72</i>	<i>.56</i>	<i>.56</i>	<i>(70 in way prop house)</i>		<i>7/8</i>	<i>3 3/8</i>	"	<i>7/8</i>	<i>3 1/2</i>	<i>↑</i>
SIDE PLATING, No. of Strakes <i>Out</i> .....	<i>1080</i>	<i>.70</i>	<i>.53</i>	<i>.53</i>			<i>7/8</i>	<i>3 3/8</i>	"	<i>7/8</i>	<i>3 1/2</i>	<i>↑</i>
SIDE PLATING, No. of Strakes <i>Out</i> .....	<i>1068</i>	<i>.70</i>	<i>.53</i>	<i>.53</i>			<i>7/8</i>	<i>3 3/8</i>	"	<i>7/8</i>	<i>3 1/2</i>	<i>↑</i>
UPPER DECK, Sheer-strake <i>in Walls</i> .....	<i>68</i>	<i>.80</i>	<i>.53</i>	<i>.53</i>			<i>1</i>	<i>3 3/4</i>	"	<i>1</i>	<i>4</i>	<i>Butts 3 R where Redwood under .68</i>
UPPER DECK, Sheer-strake <i>in Bridge</i> .....												
STRAKE BELOW Sheer-strake <i>in Walls</i> .....	<i>79</i>	<i>.72</i>	<i>.53</i>	<i>.53</i>			<i>7/8</i>	<i>3 3/8</i>	"	<i>7/8</i>	<i>3 1/2</i>	<i>↑</i>
STRAKE BELOW Sheer-strake <i>in Bridge</i> .....												
POOP SIDE PLATING .....												
BRIDGE SIDE PLATING .....												
FORECASTLE SIDE PLATING .....												

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	
Extending to Upper Deck (Sec. 3 c) <i>Collision</i>	
" Deck next below <i>7</i>	
As per Rule <i>8</i>	

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> <i>Flat Plate</i>				
<b>STEM</b> .....	<i>Roller</i>	<i>11 x 2 7/8</i>		
<b>STERN FRAME</b> { Propeller Post .....	<i>Steel</i>	<i>Open</i>	<i>Rubright</i>	
{ Rudder " .....	<i>Castings</i>	<i>Section</i>	<i>A.G. Stahlwerk</i>	
<b>RUDDER—A x D</b> .....	<i>Semi balanced</i>		<i>Krieger</i>	
<b>Speed of Vessel</b> .....	<i>16 1/2 knots</i>			
<b>RUDDER</b> mainpiece at head ...	<i>Stock 16 1/2 dia</i>			
" " heel ...	<i>18 1/2 x 15 1/2</i>		<i>do -</i>	
" how constructed .....	<i>Steel casting</i>			
" double or single plate .....	<i>Double</i>			
" coupling, vertical or horizontal .....	<i>Vertical</i>			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD</b> <i>frame 121</i> Upper tween decks					
" " Second " <i>28</i>		<i>6 x 3 x 30</i>	<i>30</i>		
" " Third " <i>34</i>		<i>3 x 3 x 42</i>	<i>30</i>		
" " Holds .....		<i>50 - 36</i>	<i>3 1/2 x 42</i>	<i>30</i>	
<b>COLLISION</b> <i>frame 176</i> (in Hold) .....		<i>58 - 40</i>	<i>10 x 3 1/2 x 50</i>	<i>24</i>	
<b>AFTER PEAK</b> <i>frame 8</i> .....		<i>50 - 30</i>	<i>8 x 3 x 40</i>	<i>28 1/2</i>	

<b>STEEL.</b>	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	
	<i>Bohler &amp; Co., Bessemer Iron Co. Ltd., Steel Co. of Scotland, Larnach &amp; Co. Steel Co., Skinningrove Iron Works, Dorman Long, British Iron &amp; Steel Co. (Siemens-Martin Open Hearth.)</i>	
	Has the Steel been tested as required by the Rules? <i>Yes</i>	

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Lloyd's Register Foundation







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.)

This is a sister vessel to the TSMV "DURHAM", Bel. Report N° 11372.

The following Forging & Casting reports are forwarded herewith:

Stem Frame  
Shaft Brackets  
Rudder frame and Stock  
Tiller

A plan of the midship section <sup>as built</sup> was forwarded with the Report N° 11372 on the sister vessel.

The copies of the approved plans which are in this office will be forwarded in due course.

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

1st Bower  
2nd "  
3rd "

Forged open hearth ingot steel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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 Dks (stl) + shelter dk (stl) (n.s. aft)  
3 dks (stl) in N° 1 + 2 holds

Official No. 163539 ; Signal Letters G.W.W.L.

Is bottom of Vessel coated with cement Fresh water if not give

particulars of composition tanks cemented. Water Ballast tanks outer plating flushed up with cement. Floors & cement washed in FW + WB tanks.

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	96.3	341	Fore peak tank,	25.0	70
Double bottom, under Engines and Boilers,	96.3	654	After peak tank,	17.0	74
Double bottom, if under Engines only,			Deep tank, aft,	124.7	966
Double bottom, if under Boilers only,			OF bunkers + peeling tanks	19.8	961
Double bottom, forward,	193.0	702	Deep tank, forward,	22.7	15
	Total capacity of double bottom	1697	Other tanks, if fitted, feed tank, motor room, port side		

(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. 838

Date 4<sup>th</sup> Dec. 1933

Dates of Surveys held while building

1933 Oct 23. 24. 26 Nov. 2. 7. 28. 30 Dec 5. 15 1934 Jan 3. 11. 17. 23. 24 Feb 6. 13. 15. 22  
Mar 1. 6. 13. 14. 16. 21. 23 Apr 5. 9. 12. 16. 19. 25. 30 May 1. 3. 9. 10. 14. 18. 19. 21. 22. 23. 24. 25  
28. 30. 31 June 1. 4. 6. 7. 8. 11. 12. 14. 15. 18. 20. 21. 22. 25. 26. 27. 29 July 2. 4. 5. 6. 10. 18. 20. 21. 23  
24. 25. 26. 27. 28. 30. 31 Aug 3. 10. 13. 15. 16. 23. 31 Sept 3. 5. 7. 10. 12. 13. 18. 19 Oct 3. 5. 9. 11. 15  
16. 23. 24. 27. 29. 30. 31 Nov 1. 5. 7. 9

Total No. of Visits 111