

STEEL STEAMER ~~OR~~ MOTORSHIP.

9 SEP 1933
Received at London Office ..

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 8 September 1933 Port of Leam No. 18498
 Survey held at Brentisland Date First Survey 17th March 1933 Last Survey 7 September 1933
 On the State Machinery fitted Aft only then Singapore steamer PULBOROUGH (machinery aft)
11 Single, Twin or Triple Screw
 State Type (Full Scantling, Complete Superstructure) Collier Full Scantling. State Type of Erections ADD² Bridge
with or without Tonnage Openings 3 Follies

TONNAGE under 701.7 CLASS +100A1. State if with freeboard as condition of Class) no Built at Columbusland

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 204' 0"

Breadth (greatest moulded) B 32' 8 3/4"

Builders The Burntisland Ship Co. Ltd.

Total 701.7 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous (RQDX D-18-96) Owners Stephen Clarke, 251 E

Gross Tonnage 900.14 deck. See Sec. 3 (1c) (upper D = 15081) ✓ amended C.R. 2
 Register Tonnage 524.40 1st Longitudinal Number (L x D)..... = 3077 Managers ✓

2nd Numeral $L \times (B + D) \dots\dots\dots = 9775$
2024433

REGISTERED DIMENSIONS.
FEET.

Length **205.0**

Proportions—Depth to Length—Uppermost continuous deck to top of keel **1/10**

Port of Registry **London**

If surveyed while building, afloat, or in dry dock

Breadth 33.0
13.1 Draught Moulded 14-4 ⁵/₈ while building

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		
" " from $\frac{3}{4}$ length to Collision bulkhead.....	24		" " Reversed Frame		
" " in peaks.....	22½		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	30 7/8 40	
Frame Amidships, Angle [or]	3 32		" " top Angles <i>single</i>	3 3 36	
" " <i>Copper Plating</i> <i>15½ 3 33</i>			" " bottom Angles <i>single</i>	3 3 40	
" " Extends up to	<i>Raised Quantities</i> <i>(+ 6 44 in D)</i>		Side Girders, No. each side and thickness	<i>5 x 3 x 28 L to Tank Top</i>	
Reversed Frame Amidships, Angle			<i>Solid intercostal in frame plate</i> <i>5 x 3 x 30 L 6 shell</i>		
" " Extends up to			Margin Plate depth (excl. of flange and thickness) <i>amidships</i>	25½ 36	
Depth of Framing Girder, Amidships	7		" " Vertical Angle to Tank side	3 3 36	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			Bracket abaft ½ len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side	5 5 36	
" " Third " " " "			Bracket forward ½ len. from stem		
Framing in Peaks, Angle [or]	5 3 26		Gussets, spacing and scantling abaft ½ len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>¾" dia 7" apart C 6 C at fields</i>		Gussets, spacing and scantling forward ½ len. from stem		
State if Frame Joggled	<i>yes</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	42 36	
ANCHORING ARRANGEMENTS (Sec. 7), state system, and particulars	<i>Shill increased .04</i> <i>frames 8 x 3 x 35 L, 24 apart</i>		INNER BOTTOM PLATING.		
INCREASING OF BOTTOM FORWARD. State Particulars	<i>In way of bridge only</i> <i>7 x 0 order plan</i>		Breadth and thickness of Middle Line Strake	42½ 50	
ANGLE BOTTOM.			Thickness of remainder in Holds	50	
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?	<i>yes</i>	
Height of Brackets at side above base line at toe of frame			BEAMS.		
Middle Line Keelson, on Floors, Angles, [or]			Uppermost Continuous Deck, amidships	5 3 26	
" " Through Plate or Intercostal Plate			in Wells Angle [or]		
" " Foundation Plate on Floors			" " in way of Bridge, Angle [or]	5 3 26	
" " Flat Plate Keel Angles			Spacing	<i>every frame</i>	
Side Keelsons, No. each side			Second Deck, amidships, Angle, [or]		
" " thickness of Intercostal Plate			Spacing		
" " Angles			Third Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	30 <i>every frame</i>		Fourth Deck, amidships, Angle, [or]		
" " Are Frame and Reversed Frame joggled?	<i>yes</i>		Spacing		
Bracket Floors, breadth and thickness at middle line			Poop Deck, Angle, [or]		
" " breadth and thickness at margin plate			Spacing		
			Bridge Deck, Angle, [or]	5½ 3 26	
			Spacing	<i>alternate frames</i>	
			Forecastle Deck, Angle, [or]	5½ 3 30	
			Spacing	22½	

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.
PILLARS, No. of Rows..... (Self trimmer type)				
" in 'tween Decks, Size and Spacing.....				
" " " " " "				
" in Holds " "				
" " " " " "				
Centre Line Bulkhead.				
Stiffeners and Spacing.....				
Plating, thickness of				
STRINGERS AND DECKS.				
Uppermost Continuous Deck <i>at RQD*</i> 63 .34				
Stringer Plate, breadth and thickness in Wells <i>at Upper D*</i> 66 .636.51				
" " " " in way of Bridge 66 6.56 .63				
" Angle in Wells <i>RQD*</i> 3 1/2 3 1/2 .34				
<i>Upper D*</i> 5 5 .51				
Thickness of Plating abreast Deck openings in way of Wells <i>Stringer only</i>				
Thickness of Plating abreast Deck openings in way of Bridge -				
Thickness of Plating within line of openings.. .30				
If Sheathed, material and thickness <i>Sheathed in way of Bridge House only</i>				
Second Deck.				
Stringer Plate, breadth and thickness in Wells.....				
Stringer Plate, breadth and thickness in way of Bridge.....				
Thickness of Plating abreast Deck openings in way of Wells.....				
Thickness of Plating abreast Deck openings in way of Bridge.....				
Thickness of Plating within line of openings.....				
If Sheathed, material and thickness.....				
Third Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness.....				
Fourth Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness.....				
Poop Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness.....				
Bridge Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness.....				
Forecastle Deck.				
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?	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					SINGLE OR DOUBLE.	Diam.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.	
FLAT PLATE KEEL	40	49	45	45		Double	3/4	3"	Triple	3/4	2 7/8 Lapped
„ DBLG. (if any) ✓	✓					✓					
BOTTOM PLATING, No. of Strakes 2	A 65 B 65	43	43	39		Double	3/4	3"	Triple & Double	3/4	2 7/8 Lapped
BILGE PLATING, No. of Strakes 2	C 62 D 54	43	39	39		"	"	"	"	"	"
SIDE PLATING, No. of Strakes 2	E 70 1/2 F 60 1/8	43	35	35		"	"	"	Double	"	"
UPPER DECK, Sheer-strake in Wells.....	G 46	43	-	35		"	"	"	Triple & Double	"	"
UPPER DECK, Sheer-strake in Bridge ...		36				"	"	-			
Combined STRAKE BELOW Sheer-strake in Wells.....	61	52	35	-		Double	"	"	Triple & Double	3/4	2 7/8 Lapped
STRAKE BELOW Sheer-strake in Bridge ...	✓										
POOP SIDE PLATING	✓										
BRIDGE SIDE PLATING ...	Thickener 28					Single	3/4	3			
FORECASTLE SIDE PLATING	✓		28			"	"	"	Single	3/4	2 7/8 Lapped

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 5 1

„ Deck next below ✓

As per Rule 3

FORGINGS and CASTINGS

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM				
STERN FRAME				
RUDDER—A x D				
Speed of Vessel				
RUDDER mainpiece at head				
" " heel				
" how constructed				
" double or single plate				
" coupling, vertical or				
" horizontal				

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
Deck Tank Bhd. Frame No. 1	336.30	5 1/2 x 3 x 37 L	24	with horizontal struts.	
" " Second	55.57				
" " Third	276.30	5 x 3 x 26 L	32	with horizontal struts to bulkheads	
" " Holds	266.29	5 x 3 x 26 L	30		
" " Frame	42	ceaming			
COLLISION (in Hold) Frame No. 86	315.30	6 x 3 x 30 L	24	Two semi-lugs	
AFTER PEAK Frame No. 5	65.50	30 x 3 x 30 L	24		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Columbian & Co. Ld. Dormant Long & Co. Ld. Steel Corporation of Westland & Co. Ld.*

Shinninggrove Iron Co. Ld. (CHS)

Has the Steel been tested as required by the Rules? *yes*

ANCHORS

EQUIPMENT No. 10345										LETTER B		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			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.	Cwts.			
34397	1st Bower ...	21	1	0				21	16	1	0	21 1/4	Pyers Improved	✓	Sturtevant 4/7/33 J.H.B.
34420	2nd " ...	21	0	0				21	12	2	0	21 1/4	" "	✓	" 18/7/33 " "
34427	3rd " ...	18	1	0	✓			19	4	1	14	18 1/2	" "	✓	" 25/7/33 " "
	Collective weight.	60	2	0								60 1/2			
47248	Stream	5	3	4	1	2	0	8	0	2	14	5 3/4	Ordinary	✓	Cradley Heath 26/7/33 J.P.

CHAIN CABLES.

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.	Statio- tory.	Break- ing.	Supplied.			Per Rule.	Length.	Diam.	Fathoms.	Ins.					Fathoms.	Ins.		Tons.	Fathoms.	Ins.
					Cwts.	qrs.	lbs.															
48563	210	1 7/8	34	51	204	0	21	203	210	1 7/8	Standard	-	Cradley Heath			TOWLINE...	90	3	18.6	90	3	
<u>Including two 11 link pieces.</u>																						
Iron Steam Chain or Steel Wire	60		3 1/4		21.7					60		3 1/4	n.w.									

Steering Gear, Steam *Douglas 7 C.* *Telemotor Control* Steering Gear, Hand *Quarter plates & tackle*
Boats *2 lifeboats* Steering Chains, Size and Test *13 1/16" dia* *7.9"* Windlass *Clarke Chapman*
1 dingy
Ceiling in Holds, thickness and material *—* Cargo Battens, thickness, material and spacing *— none*
Cargo Hatchways.—(Upper Deck) *2 steel plates & angles* Thickness of Hatches *3"*
Size of No. 1 Hatchway (Forward) *46'-0" x 21'-4"* No. 2 *48'-9" x 21'-4"* No. 3 *—* No. 4 *—* No. 5 *—* No. 6 *—*
Number of Shifting Beams and/or Fore and Afters *N^o 1 screw* *N^o 2 screw*

FOR THE BURNTISLAND SHIPBUILDING COMPANY LTD.

Builder's Signature _____

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This Vessel has been built in accordance with the approved plans and in general conformity with the Rules. The material & workmanship are good. The weather decks, the double bottom tanks, the deep tanks, the fore & after peak tanks, and the bulkheads have been tested in accordance with the Rule requirements, the results of all tests were satisfactory. The windlass & the steering gear have been run in good working order. The steel plating to the stem frame is of Rule thickness. The following plans are forwarded herewith:— Midship Section; Profile & Decks; Stem & Forepeak frames, Pudding Quadrant; Amendment to Deep Tanks, Alternative Arrangement of Forecastle Deck; Pumping Plan. Also two reports on forgings.

The amount of Entry Fee	£ 4 : 0 : 0	Fees applied for
Special Survey Fee....	£ 96 : 0 : 0	8-9-1933
Travelling Expenses, if any	£ 3 : 11 : 10	Received by me,
<i>Freeboard</i>	8 : 0 : 0	30-9-1933

I am of opinion the Vessel should be Classed T100A.1.

State whether the Vessel has been built under Special Survey *yes*

Certificate to be sent to *Head Office* Date of issue *2/10/03*

Signature *Chas Caldwell.*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned + 100A1

Cargo battens not fitted

+ L. Mc. 9.33

C.L.

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.)

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

1st Bower	12-1-12, R.L.	3460	13-4-33
2nd "	12-1-16, R.L.	3464	13-4-33
3rd "	10-3-14, R.L.	3446	6-4-33

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 118.98 ft., Bridge 11.25 ft., Forecastle 20.5 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) 12 Deck (all) Steel Deck

Official No. 163383 : 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,			Fore peak tank,	<u>15.42</u>	<u>80</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>9.375</u>	<u>19</u>
Double bottom, if under Engines only,	<u>17.5</u>	<u>18</u>	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward <u>of machinery space</u>	<u>41.5</u>	<u>261</u>	Other tanks, if fitted, <u>Midship deep Tanks</u>	<u>9.0</u>	<u>83</u>
		Total capacity of double bottom <u>279</u>	(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. 1217

Date 25/2/33

Dates of Surveys held while building

1933. March 17-22-24-28-30
April - 4-7-11-14-20-25-28
May - 2-5-9-12-16-19-23-26-30
June 1-6-9-13-16-20-23-27-30
July 7-27
August 4-7-10-15-22-24
Septem. 7

Total No. of Visits 39