

STEEL STEAMER or MOTORSHIP.

Received at London Office 12 OCT 1925

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 9th October 1925 Port of WEST HARTLEPOOL No. 16346
Survey held at WEST HARTLEPOOL Date First Survey 23rd Dec/24 Last Survey 1st Oct 1925
On the (State of Manning fitted with and
Single, Double or Triple Screw) S.S. "TRESILLIAN"

Survey held at WEST HARTLEPOOL Date First Survey 23rd Dec/74 Last Survey 1st Oct 1975

On the (State if Machinery fitted left and right) Single, Turned, Double Screw S.S. TRESILLIAN

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENING State Type of Erections

TONNAGE under } 4441.66
Tonnage Deck... }

CLASS **✠ 100 A1.** *State if with freeboard* } **YES**
as condition of Class }
 FEET

Built at WEST HARTLEPOOL

Do. of space or spaces
between Tonnage Dk.
and Upper Dk.

Length from fore part of stem to after part of stern } L 400.0
post on summer L.W.L. See Sec. 3 (1a) }

Launched 21st AUG 1925 Yard No. 968

Total 4441.66

Breadth (*greatest moulded*) B ✓ 52.79

Builders MESS^{RS} W^M GRAY & CO LTD

Gross Tonnage 4743.00

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D** 36.91

Owners THE HAIN S.S. CO. LTD.

Register Tonnage 2872.84

1st Longitudinal Number (L × D).....= 14766

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

2nd Numeral $L \times (B + D) \dots\dots\dots = \checkmark 35882$

Residence ✓

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See } ☒ 25'-4"

Port of Registry LONDON

Length 400.0

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

If surveyed while building, afloat, & in dry dock

Breadth 53.0

Do. Long Bridge to top }
of keel }

YES

Depth 26.45

Draught Moulded 25-4 1/4 (25-4 1/2)

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.
FRAMES, Spacing amidships	✓	3½	/	Bracket Floors, Frame	✓	9½ 3½ 50	/
" " from ¼ length to Collision bulkhead.....}	✓	27	/	" " Reversed Frame	✓	9 3 50	/
" " in peaks.....	✓	24	/	" " Vertical Struts	✓	9 3 50	/
SIDE FRAMING.				Centre Girder, depth and thickness amidships ✓	43	56	/
Frame Amidships, Angle, [—]	12 x 4 x 4 x 65		/	" " top Angles	✓	3½ 3½ 54	/
" " Extends up to	2 ND DECK.		/	" " bottom Angles	✓	4 4 60	/
Reversed Frame Amidships, Angle	✓		/	Side Girders, No. each side and thickness	ONE	42	/
" " Extends up to...	✓		/	Margin Plate depth (excl. of flange) and thickness	✓	40½ 54	/
Depth of Framing Girder	12		/	" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	✓	6 6 44	/
Frames in Uppermost Continuous 'tween Decks, Angle, [—]	✓	6½ 3½ 45	/	" " Vertical Angles to Tank side Bracket forward ¼ len. from stem	✓	6 6 44 } 6 3½ 44 }	/
" " Second 'tween Decks, Angle, [or]	✓		/	" " Gussets, spacing and scantling abaft ¼ len. from stem.....	✓	3½ 3½ 42 (EVERY FRAME)	/
" " Third " " "	✓		/	" " Gussets, spacing and scantling forward ¼ len. from stem.....	✓	27 27 " (")	/
Framing in Peaks, Angle or [—]	7½ 3½ 40		/	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	70 50	/
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	¾" 8" DIAM.		/	INNER BOTTOM PLATING.			
State if Frame Joggled	No		/	Breadth and thickness of Middle Line Strake ...	✓	53 52	/
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)	DEEP FRAME ARR. AS APPROVED		/	Thickness of remainder in Holds	✓	HH	/
STRENGTHENING OF BOTTOM FORWARD. State Particulars	BAND STRAKES 2" THICKNESS TO COLL. END ADDITIONAL INTERCOSTALS. FRAMES DOUBLED RIVETED 5½ DIAS.		/	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	/
SINGLE BOTTOM.				BEAMS.			
Floors, Depth and thickness at mid-line in Holds	✓		/	Uppermost Continuous Deck, amidships)	✓	9 3½ 51	/
Height of Brackets at side above base line at toe of frame	✓		/	" " " in way of Bridge, Angle, [or]	✓		/
Middle Line Keelson, on Floors, Angles, [or]	✓		/	Spacing	✓	3½	/
" " Through Plate or Intercostal Plate...}	✓		/	Second Deck, amidships, Angle, [or]	✓	11 3½ 53	/
" " Foundation Plate on Floors	✓		/	Spacing.....	✓	3½	/
" " Flat Plate Keel Angles	✓		/	Third Deck, amidships, Angle, [or]	✓		/
Side Keelsons, No. each side	✓		/	Spacing.....	✓		/
" " thickness of Intercostal Plate...	✓		/	Fourth Deck, amidships, Angle, [or]	✓		/
" " Angles	✓		/	Spacing.....	✓		/
DOUBLE BOTTOM.				Poop Deck, Angle, [or]	✓		/
Solid Floors, thickness and spacing	✓	42 24½	/	Spacing.....	✓		/
" " Are Frame and Reversed Frame joggled?.....}	✓	YES	/	Bridge Deck, Angle, [or]	✓		/
Bracket Floors, breadth and thickness at middle line.....	✓	32½ 42	/	Spacing.....	✓		/
" " breadth and thickness at margin plate.....}	✓	32½ 42	/	Forecastle Deck, Angle, [or]	✓		/
				Spacing	✓		/

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.....	BAYS ✓		Stringer Plate, breadth and thickness in way of Bridge	✓	
" in 'tween Decks, Size and Spacing.....	CENTRE LINE ✓		Thickness of Plating abreast Deck openings } in way of Wells	✓ 36	
" " " " "	✓		Thickness of Plating abreast Deck openings } in way of Bridge	✓	
" in Holds " "	✓		Thickness of Plating within line of openings... ..	✓ 34	
" " " " "	✓		If Sheathed, material and thickness	✓	
Centre Line Bulkhead, IN HOLDS & TW'D'S			Third Deck.		
Stiffeners and Spacing.....	AS PER APPROVED PLAN (AT G3SP) ✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	HOLD .30 TWEEN'D 26 ✓		If Plated, state thickness.....	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells.....	71 54 ✓		If Plated, state thickness	✓	
" " " in way of Bridge	✓		Poop Deck.		
" Angles in Wells.....	✓		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings) in way of Wells	✓ 47		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings) in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings... ..	37 & 38 ✓		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness ...	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells....	71½ 39 ✓		Stringer Plate, breadth and thickness.....	✓	
			Plating, Sheathing, material and thickness ...	✓	

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)

Deck next below.

As per Rule

Six.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings	Spacing.
MIDSHIP BULKH'D, Upper tween decks		✓	✓	✓	✓	✓
"	" Second "	✓	✓	✓	✓	✓
"	" Third "	✓	✓	✓	✓	✓
"	" Holds 62 Fr	40-26	6 A's 12x32x56	30	✓	✓
COLLISION " (in Hold) ✓		54-28	6 A's 92x32x46	24	SEMI BOX BEAM W. FLAT	✓
AFTER PEAK " ✓		42-30	6 A's 8x3x45	24	SEMI BOX BEAM & RECESS	✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar ✓		FLAT PLATE KEEL ✓		
STEM ✓	ROLLED	9 $\frac{3}{4}$ x 2 $\frac{1}{2}$	A. HICKMAN LTD ✓	
STERN FRAME {	Propeller Post ✓	FORGING	10 $\frac{1}{2}$ x 8	CENTRAL MARINE ENGINE WORKS ✓
	Rudder " ✓	"	9 x 8	" ✓
RUDDER—A x D ✓		148.2 x 3.47 = 514 ✓		
Speed of Vessel ✓		NOT > 10 $\frac{1}{2}$ KNOTS ✓		
RUDDER mainpiece at head ... ✓	FORGED	10 $\frac{1}{4}$		
" " heel ... ✓	"	7 $\frac{3}{4}$		
" how constructed ✓		FORGED & BUILT 1-05.		
" double or single plate ✓		SINGLE		
" 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)

CARGO FLEET IRON CO; DORMAN LONG & CO. LTD

Has the Steel been tested as required by the Rules?

YES

SIEMEN'S

Lloyd's Register
Foundation

CHAIN CABLES.										HAWSERS AND WARPS.									
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.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					TOWLINE...	Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
														120	5	73	120	5	
	SEE OVERLEAF																		
														4x90	3	18	2x90	2 1/2	
Low Stream Glasgow Steel Wire	2x45	4 3/4		65 1/2			90	4 1/4	SWR	Edwin Ellis & Co Ltd				6x90	7"	MAN	2x90	2 1/2	
														90	3 1/2	"			

GENERAL DECLARATION This vessel has been built in accordance with the approved plans, the Secretary's letters ^{on} and in other respects in accordance with the rules. The materials and workmanship are good. The ~~1st~~ ^{1st} Doors bulkheads decks and shaft tunnel have been tested by hose and found satisfactory. The double bottom and fore and after peak tanks have been tested under rule pressure and found tight. The steam and hand steering gears and the fore peak hand pump have been examined under working conditions and found satisfactory. The freeboards assigned by the Committee have been cut in and painted on the vessels sides and verified. The vessel is fitted with wireless telegraphy & electric light.

Committee's Minute
Character assigned

 $+ 100H$

Lloyd's exp

+ Incl. 10,25

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Foundation

1225-0095 (2/12)

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 the Plans should be embodied.)

LIST OF APPROVED PLANS:-

PART MIDSHP. SECTION
MIDSHP. SECTION
PROFILE & DECKS
RUDDER & STERNFRAME
CENTRE LINE BULKHEAD
INTERCOSTALS AT FORE END
PART PLAN OF TUNNEL
MAIN FRAMES INWAY OF BOILERS & BUNKERS
CAST STEEL QUADRANT & TILLER. (2 PLANS)
HATCH END COAMINGS
BUNKERS & PILLARS IN MACH' SPACE
PUMPING PLAN.
BULKHEADS

LIST OF FORGINGS & CASTING CERTS

STEM BARS:- GERT. N^o. 11172 SHEFFIELD.
STERN FRAME & } " " 4893 DARLINGTON.
RUDDER FRAME }
QUADRANT & TILLER " " 6641 SUNDERLAND
GGHS.

DETAILS OF CABLES.

N ^o OF CERT.	LENGTH.	DIAM ^r	TEST. STAT ^y	P	BREAKING	WEIGHT. ACTUAL.	RULE.	DESC ^{RPN}	MAKERS.	TESTED.
57463	15	2 1/4	91 1/8		127 1/2	37.1.21			✓	6/12/22. TPTN. WADSW.
57462	14 3/4	"	"		"	37.0.0			✓	" " "
57461	15	"	"		"	37.3.14			✓	" " "
57460	15	"	"		"	37.3.17			✓	5/12/22 " "
57459	15 1/2	"	"		"	38.0.2			✓	5/12/22 " "
57458	15 1/6	"	"		"	38.0.0			✓	" " "
57369	14 5/6	"	"		"	38.0.15			✓	29/11/22 " "
57368	15	"	"		"	38.0.20			✓	24/10/22 " "
57367	14 5/6	"	"		"	37.2.17			✓	" " "
57366	15	"	"		"	37.3.7			✓	" " "
57365	15	"	"		"	37.3.20			✓	" " "
57364	15	"	"		"	37.3.0			✓	" " "
57339	15 1/2	"	"		"	38.2.10			✓	16/10/22. " "
57338	15 1/4	"	"		"	38.3.0			✓	" " "
57335	15 1/6	"	"		"	38.2.0			✓	10/10/22 " "
57334	15 1/6	"	"		"	38.3.0			✓	" " "
59388	30. 1/3	"	"		"	78.1.12			✓	15/12/24 " "
59385	(SHACKLES)	"	"		"	4.1.19			H.P. PARKES & CO. LTD.	" " "
TOTALS.	270 3/4	2 1/4				691.0.6	682 1/4			

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

1st Bower 39.1.23 ; M.B. ; 2099 ; 3.10.24
2nd " 37.0.1 ; M.B. ; 2215 ; 27.11.24
3rd " 34.2.15 ; M.B. ; 1832 ; 23.11.23

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle ✓

(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

COMPLETE SUPERSTRUCTURE WITH

TONNAGE OPENING

No. and Material of Decks (this information is to be given as it should appear in the Register Book)

2 3 DECKS. (STEEL)

Official No. 148685 ; Signal Letters

Is bottom of Vessel coated with cement ✓ if not g

particulars of composition

PART CEMENT & PAINT.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	131-3	331	Fore peak tank,	✓	12
Double bottom, under Engines and Boilers,	44-7 1/2	180	After peak tank,	✓	18
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	176-7 1/2	561	Other tanks, if fitted,	✓	✓
	Total capacity of double bottom	1072	(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. 2315

Date 19 Dec 1924

Dates of Surveys held while building

1924 Dec 23. 1925 Jan 28. Feb 12. 18. 23. 27. Mar 14. 9. 12. 18. 20. 23. 26. 30. Apr 1. 9. 15. 29. May 1. 7. 13. 19. 22. 25. 27. June 3. 9. 11. 17. 18. 22. 24. July 3. 9. 16. 23. 28. 29. 30. Aug 11. 14. 18. 19. 21. 24. 27. Sept 1. 7. 14. 21. 22. 23. 25. Oct 1.

Total No. of Visits 50