

State if Report is sent on the Machinery of the Vessel..... Yes

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Complete Superstructure with Tonnage Opening* State Type of Erections *See on C.S.S.*

State if with freeboard } Yes
as condition of Class }
of middle creek

Built at... Sunderland

Length from fore part of stem to (after part of stem) 420

Launched May 22 1940 Yard No. 243

Breadth (*greatest moulded*) B 56.5

Builders Wm Pickers & Sons Ltd

Depth, at middle of length from top of keel to top of beam at side of innermost continuous

Owners Stanhope Steamship Co Ltd

1st Longitudinal Number (L x D)..... = 15/20

Managers J. A. Billmeir & Co Ld.

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

Framing Depth "d," at middle of length. See } 24.3
Sec. 3 (1d)

Residence 99. Helen's Place London EC3

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 11.41

Port of Registry London.

Do. Long Bridge to top) ✓

If surveyed while building, afloat, or in dry dock

Draught Moulded 24-9½

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.
FRAMES, Spacing amidships	3 1/2 ✓		Bracket Floors, Frame	5 ✓	6 3/4 .42 ✓
" " from 3/8 length amidships to Collision bulkhead.....}	27 ✓		" " Reversed Frame	5	6 3 .34 ✓
" " in peaks.....	24 ✓		" " Vertical Struts	{ 6 3 .34 ✓ 8 3 1/2 .42 ✓	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2 .54 ✓	
Frame Amidships, Angle [or]	12 + 4 + 4 + 5/16 ✓		" " top Angles	3 1/2 5/8 .48 ✓	
" " Extends up to	2nd DK ✓		" " bottom Angles	4 4 .58 ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	One .38 ✓	
" " Extends up to...	✓		Margin Plate depth (excl. of flange) and thickness	42 .54 ✓	
Depth of Framing Girder	102 ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	6 6 .44 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle [or]	6 3 1/2 .32 ✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	6 6 .44 ✓	
" " Second 'tween Decks, Angle [or]	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	5 5 .44 ✓	double
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area.....	11 1/2 .42 continuous	
" " from 1/4 len. for'd. to 15% len. from Stem	12 + 4 + 4 + 5/16 ✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area.....	15 1/2 .42 "	
" " in Peaks, Angle [or]	8 3 1/4 .37 ✓	bottom	Tank Side Brackets, height above base line at toe of Frame and thickness	68 1/2 .44 ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5/4 + 6/8 ✓	sides	INNER BOTTOM PLATING.		
State if Frame Joggled	No ✓		Breadth and thickness of Middle Line Strake ...	54 .52 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes ✓	Frames fitted 1/5 + 4 + 4 + 4 1/16 ✓	Thickness of remainder in Holds .....	.44 ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes ✓	alpine?	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 in Wells, Angle [or]	8 3 1/2 .36 .39 ✓	
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	3 1/2 ✓	
" " Through Plate or Intercostal Plate...	✓		Second Deck, amidships, Angle [or]	8 3 .38 1/2 .51 ✓	
" " Foundation Plate on Floors	✓		Spacing.....	3 1/2 ✓	
" " 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 94 1/2 ✓		Spacing.....	✓	
" " Are Frame and Reversed Frame joggled?	Reverse frame only		Bridge Deck, Angle [or]	✓	
Bracket Floors, breadth and thickness at middle line	33 .42 ✓		Spacing.....	✓	
" " breadth and thickness at margin plate.....	33 .42 ✓		Forecastle Deck, Angle [or]	7 + 3 + 33 + 40 ✓	
			Spacing	27 + 24 ✓	

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.....	One			Stringer Plate, breadth and thickness in way of Bridge	✓		
" in 'tween Decks, Size and Spacing.....	5x5x.50 ✓ 6x6x.50 alternate ✓			Thickness of Plating abreast Deck openings in way of Wells .....	.36 ✓		
" " " " "	✓			Thickness of Plating abreast Deck openings in way of Bridge <i>Casting</i> .....	.36 ✓		
" in Holds " "	✓			Thickness of Plating within line of openings...	.34 ✓		
" " " " "	✓			If Sheathed, material and thickness	✓		
Centre Line Bulkhead.	7x3 x .36 ✓			Third Deck.			
Stiffeners and Spacing.....	11x3½x.44 T as approved alternate			Stringer Plate, breadth and thickness.....	✓		
Plating, thickness of .....	.31 + .38 ✓			If Plated, state thickness.....	✓		
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....	✓		
Stringer Plate, breadth and thickness in Wells	72 .61 ✓			If Plated, state thickness	✓		
" " " " in way of Bridge	✓			Poop Deck.			
" Angle in Wells	6x6x.61 ✓			Stringer Plate, breadth and thickness	✓		
Thickness of Plating abreast Deck openings) in way of Wells .....	.57 ✓ as approved ✓			Plating, Sheathing, material and thickness ...	✓		
Thickness of Plating abreast Deck openings) in way of Bridge <i>Casting</i> .....	.47 ✓			Bridge Deck.			
Thickness of Plating within line of openings...	.40 ✓			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...	80 .40 ✓			Stringer Plate, breadth and thickness.....	.36 ✓		
				Plating, Sheathing, material and thickness ...	.34 ✓		

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>Yes</i>	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	52 ✓	.78 ✓	.68 ✓	.68 ✓		double ✓	✓	3 15/16 ✓	4 ✓	1 ✓	4 ✓	Lapped ✓	
„ DELG. (if any)	✓												
BOTTOM PLATING, No. } of Strakes {		.61 ✓	30.66 ✓ 10.58 ✓	23.33 ✓ 20.61 ✓		✓	7/8 ✓	3 1/2 ✓	3 ✓	7/8 ✓	3 1/8 ✓	✓	
BILGE PLATING, No. } Strakes {		.61 ✓	.50 ✓	.52 ✓		✓	7/8 ✓	3 1/2 ✓	3 ✓	7/8 ✓	3 1/8 ✓	✓	
SIDE PLATING, No. } Strakes {		.60 ✓	30.46 ✓ 10.54 ✓	.46 ✓		✓	7/8 ✓	3 1/2 ✓	3 ✓	7/8 ✓	3 1/8 ✓	✓	
UPPER DECK, Sheer- } strake in Wells {	72 ✓	.68 ✓	54 ✓	.46 ✓		✓	7/8 ✓	3 1/2 ✓	4 ✓	7/8 ✓	3 1/2 ✓	✓	
UPPER DECK, Sheer- } strake in Bridge ... {	✓												
STRAKE BELOW Sheer- } strake in Wells {	72 ✓	.65 ✓	54 ✓	.46 ✓		✓	7/8 ✓	3 1/2 ✓	4 ✓	7/8 ✓	3 1/2 ✓	✓	
STRAKE BELOW Sheer- } strake in Bridge ... {													
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING			42 ✓			Single ✓	3/4 ✓	3" ✓	2 ✓	3/4 ✓	2 3/8 ✓	Lapped ✓	

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—						Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c)									
Deck next below									
As per Rule									
						STIFFENERS.			
Plating Thickness.						VERTICAL.		HORIZONTAL.	
						Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D,	Upper tween decks	✓							
"	" Second "	✓							
"	" Third "	✓	15+4+4+ ^{4"} ₆₂	7+30 aft ✓					
"	" Holds	✓	45-26(2+4+4+ ^{4"} ₆₀)	27" fwd ✓					
COLLISION	(in Hold) ✓	✓	54-33(7+3+3+5)	24" S.B Beam 6' ✓					
AFTER PEAK	" "	✓	32-11(7+3+17) _{as approved}	24" S.B Beam ✓					
						KEEL, Bar	7eat plate ✓		
						STEM	10"x2½" ✓		
						STERN FRAME { Propeller Post	Cast Steel { 10"x8½" ✓	Wolsingham	
						{ Rudder	✓	Steel C° Ld	
						Speed of Vessel	10½ knots ✓		
						RUDDER—Type.....	Balanced Reaction ✓		
						" A x D			
						" Diam. of head	7" ✓	Horsler & Sons	Sunderland
						" Mainpiece at top pintle	12" ✓	Johling & Sns	
						" " heel ...	8½" ✓	Sunderland	
						" how constructed	Arms shrank on keyed ✓		
						" double or single plate	double ✓		
						" 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) Appleby Frodingham, Cargo fleet, Skinninggrove, Consett,
Dorman Long, South Durham

Has the Steel been tested as required by the Rules? Yes

Has the Steel been tested as required by the Rules?

EQUIPMENT No 39753.62 ✓											LETTER A+ ✓		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.				
39603	1st Bower ...	68	1	0	-	-	-	52	15	2	14	68 ✓	Byers Improved stockless	Not stated	Sold 21/3/40 WVN
39606	2nd „ ...	68	-	7	-	-	-	52	15	2	14	68 ✓	„	„	„ „ „
	3rd „ ...														
	Collective weight.														
98784	Stream	19	1	10	5	0	22	20	4	-	7	194 1/2 ✓ 19 ✓	Ordinary (FWI)	N Hingley & Sons	Netheron 29/2/40 JAR.

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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Cwts.	Length.	Diam.					Length.	Ins.		Length.	Ins.
112356	135	2 5/8	96 1/2	134 3/4	361-3-12	720 3/4	270	2 5/8	134 3/4	Steel Link	N Hingley & Sons	Netheron 15/3/40 JAR	TOWLINE	120	4 3/4	65	120	4 3/4
112357	135	2 5/8	96 1/2	134 3/4	360-2-0	720 3/4	270	2 5/8	134 3/4	"	"	"	"	2-90	2 3/4	17.6	2-90	2 3/4
	290				722.1 12								"	2-90	2 1/2	14.85	2-90	2 1/2
	90	5			53.8			90	5"				"					

Steering Gear, Type (Power ☒ hand) *Donkin & Co*Alternative Means of Steering ☒ *Telemotor*Steering Chains (Size and Test) *Telemotor*Windlass *Clarke Chapman & Co*Boats *2-26' lifeboats 1-16' dinghy*Ceiling in Holds, thickness and material *+ 1/8" on T.T. under keel*Cargo Battens, thickness, material and spacing *6" x 2" spaced 9"*Cargo Hatchways.-(Upper Deck) *Steel plates & angles (Reith)*Thickness of Hatches *2 3/8"*Size of Hatchways No. 1 (Fwd.) *31'-6" x 22'-6"* No. 2 *31'-6" x 22'-6"* No. 3 *11'-9 3/4" x 22'-6"* No. 4 *31'-6" x 22'-6"* No. 5 *31'-6" x 22'-6"* No. 6 *31'-6" x 22'-6"*Number of Shifting Beams and/or Fore and Afters *Nos 1, 2, 3, 4 hatches each 5**Nos 2 & 2b each 1*

FOR WM. PICKERSGILL & SONS, LIMITED.

Builder's Signature

W. J. Pickersgill
Chairman & Managing DirectorGENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) 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 (where required to be inserted in the Notation).

*The vessel has been built in accordance with the approved plans, the Secretary's letters and the Rules.**The materials and workmanship are good. The freeboard marks have been verified and cut in on the vessel's sides. The double bottom tanks and fore and after peak tanks have been tested in accordance with the Rules.**The decks bulkheads, tunnel, hand pumps, and watertight doors have been satisfactorily tested.**The windlass and steering gear have been tried under working conditions.*

The amount of Entry Fee £ 8 : 0 : 0

Fees applied for,

(Special notations, where part of class, to be stated.)

Special Survey Fee... £ 323 : 10 : 0

Freeboard Fee 15 : - : -
Travelling Expenses, if any £

Received by me,

I am of opinion the Vessel should be Classed *+100A1 with freeboard.*

State whether the Vessel has been built under Special Survey

Yes

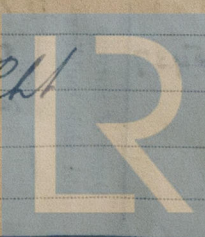
Signature

James L Rennie
Surveyor to Lloyd's Register of Shipping.Certificate to be sent to *This Office*Date of issue *6/9/40*

Committee's Minute

FRI 30 AUG 1940

Character assigned

*+100A1**With freeboard**Lloyd's and**25th 8.40*
25th 8.40
*25th 8.40**RLH*

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Lloyd's Register Foundation

W262-0094(2/2)

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.)

Plans of midship section, profile & decks as built are enclosed also certificates of forgings & castings, and list of plans.

Note: The third bower anchor has not been supplied.
(See Secretary's letter dated 22/2/40)

PARTICULARS OF ELECTRIC WELDING (if employed) Electrodes employed: Ferro Arc Type G.S.
Parts welded: rudder rdd plates, tankside gussets, deckhouse brackets to deck, gunwale bar butts, hatch foundation bar corners, running hatch butts, rudder trunk

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
Cruiser Stern, D.F.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	43-3-14	JD	2602	30/1/40
	2nd "	43-0-21	JD	2544	8/1/40
	3rd "				

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 or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 167623 Signal Letters Extreme Breadth over Belting ☒
No. and Material of Decks 1 Dk (S/E) & Shelter Dk (S/E) Over-all Length (Circ. 1703) 442'
Parts of Bottom of Vessel coated with cement or approved composition all cemented.

Particulars of composition (if fitted) and of approval ☒

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	133.475	347	Fore peak tank,	23.375	150
Double bottom, under Engines and Boilers,	42.00	199	After peak tank,	26.00	246
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward,	191.25	786	Other tanks, if fitted,	✓	
Total length (if continuous) and Capacity	367.125		(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 5937

Date 11.7.39

Dates of Surveys held while building

1939. Sep. 12. Nov. 16, 21, 23, 28, 30. Dec. 5, 7, 12, 14, 19, 21, 28. 1940. Jan. 3, 5, 8, 10, 11, 13, 25, Feb. 5, 8, 13, 15, 20, 22, 27, 29. Mar. 7, 12, 14, 19, 21, 26, 28. Apr. 3, 4, 9, 11, 16, 23, 25, 29, 30. May 3, 5, 7, 8, 9, 10, 14, 16, 17, 20, 21, 22, 29. June 14, 16, 18, 25, 28. July 1, 3, 5, 9, 11, 14, 18, 23, 26, 30. Aug. 1, 4, 8, 15.

Total No. of Visits

77