

STEEL STEAMER or MOTORSHIP.

Received at London Office 25 OCT 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

October 23rd / 29.

Port of

Middlesbrough

No. 13859

Survey held at

Haverton Hill-on-Tees

Date First Survey 29 January

Last Survey 17th October

1929.

On the

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

Single Sc. S. "APPLEDORE"

State Type

(Full Scantling, Complete Superstructure
with or without Tonnage Openings)Complete Superstructure with
Tonnage opening off.

State Type of Erections

Forecastle

TONNAGE under
Tonnage Deck...

4819.45

CLASS

*100A1.

State if with freeboard
as condition of Class

yes

Built at

Haverton-Hill-on-Tees.

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 405.00

Launched

Sept 3rd

Yard No. 148.

Total

4819.45

Gross Tonnage

5217.53

Register Tonnage

3149.60

Breadth (greatest moulded)

B 55.75

Builders

Furness S.B. Co. Ltd.

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

D 37.41

Owners

Maritime Shipping
Trading Co. Ltd.

1st Longitudinal Number (L x D)

= 15151

Managers

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

2nd Numeral L x (B + D)

= 37729

Residence

Cardiff.

REGISTERED DIMENSIONS.
FEET.

Length

406.3

Breadth

56.0

Depth

26.9

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

25.58

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

10.68

Port of Registry

Bideford

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.
FRAMES, Spacing amidships	31 1/2	✓	Bracket Floors, Frame	B.A. L. 7 3 1/2 33	✓
" " from 3/8 length to Collision bulkhead	27	✓	" " Reversed Frame	B.A. L. 6 1/2 3 325	✓
" " in peaks	24	✓	" " Vertical Struts	CHANNEL C 10 x 3 1/2 x 8 1/2 x 42	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 x 56 - 46	✓
Frame Amidships, Angle, [or]	15 x 4 1/2 x 4 1/2 x 625	✓	" " top Angles	3 1/2 3 1/2 54	✓
" " Extends up to	2 nd Deck		" " bottom Angles	4 4 60	✓
Reversed Frame Amidships, Angle	Channel Framing		Side Girders, No. each side and thickness	one 38	✓
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	63 1/2 x 52	(Rec/Plan)
Depth of Framing Girder	15	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 42	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	6 3 1/2 30 N.B.S. 36 (IN BUNKERS)	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 42	Double in way of Panning
" " Second 'tween Decks, Angle, [or]	✓ ✓ ✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	6 6 42	✓
" " Third " " "	✓ ✓ ✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	6 6 42	✓
Framing in Peaks, Angle or [B.A. 7 1/2 3 1/2 40	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	76 x 47	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 - 5 3/4	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	no		Breadth and thickness of Middle Line Strake	69 x 52 - 44	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	15 x 48 x 4 x 4 x 625 L frames 3 Side Stringers & 3 rows of beams in Fore Peak		Thickness of remainder in Holds	44 - 40	✓
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	Midship thickness of A, B & C Stakes maintained to Rule provision of Coll. B close spaced intercostals and 6 x 6 frames.		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 1/2 x 3 x 404 8 x 3 41 N.B.S.	✓
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or]	3 1/2	✓
Middle Line Keelson, on Floors, Angles, [or]			Spacing	3 1/2	✓
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, [or]	9 3 1/2 38 N.B.S.	✓
" " 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	38 9 1/2	✓	Spacing		
" " Are Frame and Reversed Frame joggled?	no		Bridge Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line	24 38	✓	Spacing		
" " breadth and thickness at margin plate	24 38	✓	Forecastle Deck, Angle, [or]	8 x 3 x 35 N.B.S. 7 x 8 x 34 27 x 24	✓
			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.....	1 Row 2 1/2 dia		Stringer Plate, breadth and thickness in way of Bridge	✓ ✓ ✓	✓
„ in 'tween Decks, Size and Spacing.....	in Folds.		Thickness of Plating abreast Deck openings in way of Wells.....	36	
„ „ „ „ „	✓ ✓ ✓		Thickness of Plating abreast Deck openings in way of Bridge	✓ ✓ ✓	
„ in Holds „ „	Centre Line Bulkhead		Thickness of Plating within line of openings...	34	✓
„ „ „ „ „			If Sheathed, material and thickness		
Centre Line Bulkhead.	5 x 3 x 30 OA. IN TWEEN DECKS.		Third Deck.		
Stiffeners and Spacing.....	11 x 3 1/2 x 48 BA. N.B.S.		Stringer Plate, breadth and thickness.....		
Plating, thickness of	To 7 x 3 x 38 BA. 63 APART.		If Plated, state thickness.....		
	30		Fourth Deck.		
STRINGERS AND DECKS.	26 IN TWEEN DECKS.		Stringer Plate, breadth and thickness.....		
Uppermost Continuous Deck.			If Plated, state thickness		
Stringer Plate, breadth and thickness in Wells	77 x 46 x 42		Poop Deck.		
„ „ „ „ in way of Bridge			Stringer Plate, breadth and thickness		
„ Angle in Wells	6 x 6 x 56		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Wells	To 3 1/2 x 3 1/2 x 42		Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge	46		Stringer Plate, breadth and thickness.....		
Thickness of Plating within line of openings...	38 x 36		Plating, Sheathing, material and thickness ...		
If Sheathed, material and thickness	5 x 3 P.P. IN WAY OF ACCOMMODATION		Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	35 x 36	✓
Stringer Plate, breadth and thickness in Wells...	77 x 40 x 34		Plating, Sheathing, material and thickness ...	34	✓

50 UNDER WINDLASS.

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.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.				Diam.	Spacing or. to cr.
FLAT PLATE KEEL	49 1/2	78	68	68		Double	7/8	3 1/2	4 to 3	1	4 x 3 1/2
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes	A 88 1/2	60	60	52		Double	7/8	3 1/2	3	7/8	3 1/8
BILGE PLATING, No. of Strakes	D 78	„	53	50		„	„	„	„	„	„
SIDE PLATING, No. of Strakes	E 81	„	46	48		„	„	„	„	„	„
UPPER DECK, Sheer-strake in Wells.....	F 76 1/2	„	46	46		„	„	„	„	„	„
UPPER DECK, Sheer-strake in Bridge ...	K 82 1/2	67	46	46					4 to 3	7/8	3 1/2 x 3 1/8
STRAKE BELOW Sheer-strake in Wells.....	✓	✓	✓	✓							
STRAKE BELOW Sheer-strake in Bridge ...	J 67 1/2	60	46	46		Double	7/8	3 1/2	3	7/8	3 1/8
POOP SIDE PLATING	✓	✓	✓	✓							
BRIDGE SIDE PLATING ...	✓	✓	✓	✓							
FORECASTLE SIDE PLATING			42			Single	3/4	3	1	3/4	2 7/8

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	6
Extending to Upper Deck (Sec. 3 c)	1
„ Deck next below	5
As per Rule	6

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL , Bar		Flat Plate Keel		
STEM		Roller Bar 10 x 2 1/4	Frodingham.	
STERN FRAME	Propeller Post	Forging 10 1/2 x 7 1/2	Forster & Sons	
	Rudder „	9 x 7 1/2	Sunderland.	
RUDDER —A x D.....	✓	✓		
Speed of Vessel		10 Knots.		
RUDDER mainpiece at head ...		8 1/4 - 11 1/2 Forging	- 50 -	
„ „ „ heel ...		- 9 1/4		
„ how constructed		Twin type balanced Rudder.		
„ double or single plate coupling, vertical or horizontal.....		1" .90 x 87		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD , Upper 'tween decks	✓	✓	✓	✓	✓
„ „ Second „	✓	✓	✓	✓	✓
„ „ Third „	✓	✓	✓	✓	✓
„ „ Holds	39-26	28 1/4			
COLLISION „ (in Hold)	15 1/2	53-28	6 x 3 x 36 BA. 36 x 4	15 B.B.	
AFTER PEAK „	8-10	43-30	7 1/2 x 3 x 34 BA. TUNNEL RECESS	6 x 3 x 34 BA. 4	15 B.B.

STEEL.

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

Cargo Fleet, Cowsett, S. Durham, Frodingham, Lorman Long, Open hearth - basic.

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

Lloyd's Register Foundation

EQUIPMENT No. 38468.										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.					
90967	1st Bower ...	68	1	20	41	1	4	52	18	3	-	68 ✓	Byers Type	Hingley, Sons	Netherton 15/7/29 H.G.	
90958	2nd „ ...	67	3	14	41	1	16	52	12	2	-	68 ✓	„	„	„ 13/7/29 „	
90959	3rd „ ...	58	2	18	36	0	7	47	12	2	-	58½ ✓	„	„	„ „ „	
	Collective weight.	194	3	24								194½ ✓				
90955	Stream	19	2	4	5	0	7	20	8	1	21	19 ✓	ordinary			
44492	KEOGE	8	0	10	2	0	24	10	5	0	0	✓	„	Fellows Bros. Ltd	Cradley Heath 6/6/29 C.P.	
CHAIN CABLES.															HAWSERS AND WARPS.	

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.		Supplied.	Per Rule.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
85502	135	2 5/16	96 1/4	134 3/4	361-1-17			270	2 5/16	Shd Link.	Hingley & Sons Ltd	Netherton 13/7/29 H.G.	TOWLINE	120	4 3/4	65.5	120	5 1/4
85505	135	2 5/16	96 1/4	134 3/4	362-1-1							„ 13/7/29 H.G.	HAWSERS & WARPS	2 @ 90	3	18	2 @ 90	2 3/4
					723-2-18									2 @ 90	3	18	2 @ 90	2 1/2
														1 @ 90	4 1/2	39		
Iron Stream Chain or Steel Wire	90	4 1/2	59					90	5	S.F.S.W.				4 @ 90	7	manilla		
														2 @ 90	8	„		

Steering Gear, Steam *Donkin & Co.* Steering Gear, Hand *Blocks & Tackle led to Winch*
Boats *2 Lifeboats 28'-0"* Steering Chains, Size and Test *1 3/8" dia. 22 5/8 tons.* Windlass *Clark, Chapman & Co. Ltd*
1 6' 9" 18'-0"
1 6' 9" 16'-0"
Ceiling in Holds, thickness and material *hane* Cargo Battens, thickness, material and spacing *6 x 2 W.W. 9' apart*
also in Shelter Tween Decks.
Cargo Hatchways.—(Upper Deck) *Steel Coamings 3 1/2" x 44* Thickness of Hatches *3" WEATHER DK. 2 1/2" 2nd DK.*
Size of No. 1 Hatchway (Forward) *27'-0" x 20'-0"* No. 2 *28'-10 1/2" x 20'-0"* No. 3 *28'-10 1/2" x 20'-0"* No. 4 *28'-10 1/2" x 20'-0"* No. 5 *28'-10 1/2" x 20'-0"* No. 6 *28'-10 1/2" x 20'-0"*
2nd DK. 27'-0" x 20'-0" *31'-6" x 20'-0"* *31'-6" x 20'-0"* *28'-10 1/2" x 20'-0"* *28'-10 1/2" x 20'-0"* *28'-10 1/2" x 20'-0"*
Number of Shifting Beams *5 in each Latch* *FOR FURNESS SHIPBUILDING CO. LIMITED,*
(WEATHER DK.)

Builder's Signature *Geo. M. Robertson*
Secretary

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *no* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *no* 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, the Secretary's letters of dates Jan to Oct/29 and in general conformity with the Rules & Regulations for the class contemplated.

The materials & workmanship are good.

all double bottom tanks, after & fore peak tanks, w.t. Bulkheads, Decks, shaft tunnel, ash shoot & w.t. Doors, have been tested to Rule requirements with satisfactory results. The windlass, winches, steam steering gear together with blocks & tackle for secondary means of steering have been tested under working conditions & found satisfactory.

cargo battens are fitted in shelter tween decks.

The assigned freeboard has been cut on the vessels sides & verified.

The forgings reports together with plans of midship section & profile & Decks (as built) are enclosed herewith.

and the approved plans mentioned overleaf will be forwarded later.

The amount of Entry Fee £ *9 : - : -* Fees applied for, *24 Oct 1929*
Special Survey Fee.... £ *330 : 9 : -* I am of opinion the Vessel should be Classed *+ 100A1.*
FREEBOARD. *9-3-4* Received by me, *2.12.29*
Travelling Expenses, if any £ : : :
State whether the Vessel has been built under Special Survey *yes.* Signature *John H. Stokes & J. G. Griston*
H.M. Certificate to be sent to *Middlesbrough* Date of issue *3/12/29*
Surveyors to Lloyd's Register of Shipping.

Committee's Minute *TUE. 5 NOV 1929*

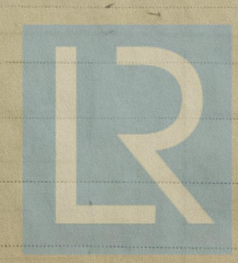
Character assigned *+ 100A1 With Freeboard*

Lloyd's A & CP + LMAC 10.29

Philips

ML

CL

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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.)

List of Plans:— Midship Section, Profile & Decks, Stern Frame & Rudder modification to Rudder Arm 'H', Deck Girders, Pillars & Hatch End Beam Panting Stringers & W.T. Flat forward. Typical arrang^t of DR, Girders at Hatch Ends, After Body B^{ds}, Tunnel Stiffening, 2nd BK, in way of Rocket Bunker, Stiffening on C² Division at Hatch Ends. Manhole in Fore Peak Brd. Web Frame in Mach^y Space. Quadrant & Tiller Forgings. Tween Deck Scuppers. Deckhouses, Masts. Scheme of Riveting.

Note. The vessel was placed in Smith's Dry Dock, South Bank Oct. 15th 1929. Bottom & rudder cleaned, examined, found in good condition and recoated.

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

1st Bower	37-1-25	A.L.	3157	May 4 th 1929
2nd "	37-2-8	A.L.	3161	" "
3rd "	32-3-11	A.L.	3153	" "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 32.5 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Shelter Deck*.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *1 BR (SK) & Shelter BR (SK)*.

Official No. *161,611* ; Signal Letters ☒

Is bottom of Vessel coated with cement *yes*. if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	112.87	431.		Fore peak tank,	20.5	139	
Double bottom, under Engines and Boilers,				After peak tank,	14.0	104	
Double bottom, if under Engines only, <i>FEED WATER</i>	21.0	104		Deep tank, aft,			
Double bottom, if under Boilers only, <i>Dry Tank</i>	18.42			Deep tank, forward,			
Double bottom, forward,	187.87	852		Other tanks, if fitted,			
	Total capacity of double bottom	1387		(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. *1448*

Date *12 February 29*

Dates of Surveys held while building

1929 Jan 29 Feb 4.7.11.14.19.21 Mar 1.4.8.19.20.25.28 Apr 5.8.9.10.18.24.29 May 3.6.8.9.10.13.14.15.16.
23.25.27.28.30 June 2.4.6.7.10.12.13.14.17.19.24.27 July 1.8.10.16.22.23.25.26.29.30.31 Aug 7.8.13.15.16.26.29
29. Sep. 1.6.10.17.18. Oct. 1.4.8.9.10.11.15.17

Total No. of Visits *79*