

STEEL STEAMER or MOTORSHIP

Received at London Office 22 JAN 1927

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

Jan 20th 1927.

Port of

Aberdeen.

No.

14640

Survey held at

Aberdeen.

Date First Survey

February 2nd 1926

Last Survey

Jan 14th 1927.

On the

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

400

SINGLE SCREW

FERMANAGH.

State Type

(Full, Semi, or Complete Superstructure with or without Tonnage Openings)

Full Scantling.

State Type of Erections

R.Q.D. & F.D.

TONNAGE under Tonnage Deck

265.75

CLASS

100 A.1.

State if with freeboard as condition of Class

NO.

Built at

Aberdeen.

Do of spaces or spaces between Tonnage Deck and Upper Deck

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 2 (1a)

L 138'0"

Breadth (greatest moulded)

B 24'3"

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

D 12'0"

Total

265.75

Gross Tonnage

354.69

Register Tonnage

143.17

1st Longitudinal Number (L x D)

1656

2nd Numeral L x (B + D)

5002.50

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

U.D. 9.58
R.Q.D. 14.9685
R.Q.D. 13.065

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

11.50

Do. Long Bridge to top of keel

8.90

Draught Moulded

11'4 1/2"

Launched Nov. 9th 1926. Yard No. 96

Builders

J. Lewis & Sons Ltd.

Owners

John Kelly Ltd.

Managers

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

Residence

Belfast

Port of Registry

Belfast

If surveyed while building, afloat, or in dry dock

First Entry

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	21 1/2"		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	Frames 4" 20 = 21 1/2" apart		" " Reversed Frame		
" " in peaks	21 1/2"		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships	29" x 34" 1/2 L 6	28" at ends.
Frame Amidships, Angle, E or F	R.Q.D. E.S. 5" 3" 38" F.C.D. 4" 3" 38" U.D. 4" 3" 37" ON SOLID FLOORS 3" 3" 27"	5 1/2" x 3" x 43" 3 1/2" x 3" x 30" BUNKERS 4" x 3" x 43"	" " top Angle	SINGLE 3" 3" 30"	Double for 1/2 L
" " Extends up to	Uppermost Deck	4" x 3" x 40"	" " bottom Angle	SINGLE 3" 3" 30"	Double for 1/2 L
Reversed Frame Amidships, Angle B. BEARERS	5" 3" 40"		Side Girders, No. each side and thickness	one 26" 6	29" others flanged.
" " Extends up to	on Solid Floors as per Section		additional Girder forward 1/2 L	26" as approved.	
Depth of Framing Girder	From 4" 6" 5" as stated.		Margin Plate depth (excl. of flange) and thickness	19" x 30" 6	25 1/2" x 30"
Frames in Uppermost Continuous tween Decks, Angle, E or F			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3" 3" 32"	outside
" " Second tween Decks, Angle, E or F			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	3" 3" 30"	inside
" " Third " " " "			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
Framing in Peaks, Angle or F	4" 3" 32"		" " Gussets, spacing and scantling forward 1/2 len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5" 3" 5 1/2" dia. in Peaks and Bottom plating for 1/2 L new.		Tank Side Brackets, height above base line at toe of Frame and thickness	2' 8" x 30"	
State if Frame Joggled	Yes		INNER BOTTOM PLATING.		
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	As per approved plans of Jock and Stiffening.		Breadth and thickness of Middle Line Strake	38" x 30" for 1/2 L 6	28"
STRENGTHENING OF BOTTOM FORWARD. State Particulars	As per approved plans & Section 11 of the Rules.		Thickness of remainder in Holds		28"
DOUBLE BOTTOM. IN E & B. SPACE.			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 as approved.	
Floors, Depth and thickness at mid-line in Holds BOILER SPACE	16" 39" Flanged 5" E. SPACE.		BEAMS.		
Height of Brackets at side above base line at toe of frame	6" 39" 3.8 right across		Uppermost Continuous Deck, amidships in Wells, Angle, E or F	4" x 3" x 44" 6	4" x 3" x 30"
Middle Line Keelson, on Floors, Angles, E or F DOUBLE	9" 3 1/2" 52"		" " HALF BEAMS in way of Bridge, Angle, E or F	3" 3" 30"	
" " Through Plate or Intercoastal Plate	20" 42"		Spacing	21 1/2" + 21 1/2"	
" " Foundation Plate on Floors			UPPER Second Deck, amidships, Angle, E or F	4" x 3" x 42" 6	4" x 3" x 30"
" " Flat Plate Keel Angles	3 1/2" 3 1/2" 36" Double.		" " HALF BEAMS	3" 3" 30"	
Side Keelsons, No. each side	ONE		Spacing	21 1/2"	
" " thickness of Intercoastal Plate			Third Deck, amidships, Angle, E or F		
" " Angles	SINGLE 6" 4" 52"		Spacing		
DOUBLE BOTTOM.			W.T. FLAT (FORWARD)		
Solid Floors, thickness and spacing	27" spaced as per frames.		Fourth Deck, amidships, Angle, E or F	5" x 3" x 30" 6	4" x 3" x 30"
" " Are Frame and Reversed Frame joggled?	Yes		Spacing	21 1/2"	
Bracket Floors, breadth and thickness at middle line			Poop Deck, Angle, E or F		
" " breadth and thickness at margin plate			Spacing		
			Bridge Deck, Angle, E or F	4" 3" 32"	
			Spacing	43"	
			Forecastle Deck, Angle, E or F	6" x 3" x 36" 6	4" x 3" x 40"
			Spacing	43"	

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	✓ ✓ ✓			
BRIDGE + FCLE in 'tween Decks, Size and Spacing.....	2 1/2" AT 43"			
" " BOSNS STORE FORWARD.	2 7/8" AT 43"			
" " " " "				
" in Holds " "	2 Built-Pieces = 6" x 3" x .28 channels + 38 brackets with under deck girders			
" " " " "	✓ ✓ ✓			
Centre Line Bulkhead				
Stiffeners and Spacing	✓ ✓ ✓			
Plating, thickness of	✓ ✓ ✓			
STRINGERS AND DECKS.				
Uppermost Continuous Deck. QUARTER D^K				
Stringer Plate, breadth and thickness in Wells	62" x 32" 1/2 .28			
" " " " in way of Bridge	.30			
" Angle in Wells	3" x 3" x 32" 1/2 .28			
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... " " " AFT.	.26" .29"			
If Sheathed, material and thickness	✓ ✓ ✓			
Second Deck. UPPER D^K				
Stringer Plate, breadth and thickness in Wells...	52 1/2" x 32" 1/2 .28			
Stringer Plate, breadth and thickness in way of Bridge	✓ ✓ ✓			
Thickness of Plating within line of openings... " " " FORWARD.	.29" .36"			
If Sheathed, material and thickness FCLE SOLE.	2 1/2" O.Pine			
Third Deck. W.T. FLAT. FORWARD.				
Stringer Plate, breadth and thickness30			
If Plated, state thickness30			
Fourth Deck. W.T. FLAT. AFT.				
Stringer Plate, breadth and thickness34			
If Plated, state thickness30			
Peep Deck.				
Stringer Plate, breadth and thickness	✓ ✓ ✓			
Plating, Sheathing, material and thickness ...	✓ ✓ ✓			
Bridge Deck.				
Stringer Plate, breadth and thickness34			
Plating, Sheathing, material and thickness24" Sheathing 2 1/2" O.Pine.			
Forecastle Deck.				
Stringer Plate, breadth and thickness24			
Plating, Sheathing, material and thickness24" Sheathing 2 1/2" O.Pine.			

SHELL PLATING.

SCANTLINGS.					RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	NO.	SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or. to or.		Diam.	Spacing or. to or.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.			Inches.	Inches.		
FLAT PLATE KEEL	37 $\frac{1}{2}$	43 $\frac{1}{2}$ ✓	39 $\frac{1}{2}$ ✓	39 $\frac{1}{2}$ ✓			4 $\frac{1}{2}$ " Double	3 $\frac{3}{4}$ "	3 $\frac{1}{4}$ "	3 R = $\frac{3}{8}$ L to 2 R	3 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	lapped.	
" DBLG. (if any)	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes TWO.	A. 60" B. 63"	33 $\frac{1}{2}$ ✓	A. 33" B. 33 $\frac{1}{2}$ 29	33 $\frac{1}{2}$ 29			3 $\frac{3}{4}$ " Double	5 $\frac{1}{8}$ "	2 $\frac{11}{16}$ "	2 R.	5 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	lapped.	
BILGE PLATING, No. of Strakes ONE.	C = 50"	33 $\frac{1}{2}$ ✓	29 $\frac{1}{2}$ "	33 $\frac{1}{2}$ 29			4 $\frac{1}{2}$ 3 $\frac{3}{4}$ " Double	3 $\frac{3}{4}$ " + 5 $\frac{1}{8}$ "	6 + 7 rivets } 3 $\frac{1}{4}$ " + 2 $\frac{11}{16}$ "	2 R.	"	"	"	
SIDE PLATING, No. of Strakes ONE.	D = 63 $\frac{1}{2}$ D. 48 $\frac{1}{2}$ E.	33 $\frac{1}{2}$ ✓	✓	33 $\frac{1}{2}$ 29			" " " " " "	" " " "	" " " "	2 R.	3 $\frac{3}{4}$ " + 5 $\frac{1}{8}$ "	2 $\frac{5}{8}$ + 2 $\frac{1}{4}$ "	"	
UPPER DECK, Sheer-strake in Wells.....	E = 48 $\frac{1}{2}$ "	39 $\frac{1}{2}$ ✓	29 $\frac{1}{2}$ " ✓	✓	53" at Break.		2 $\frac{1}{2}$ 6 2 $\frac{1}{4}$ " Single	" " " "	" " " "	3 R = $\frac{1}{2}$ L to 2 R	1 $\frac{3}{8}$ " + 5 $\frac{1}{8}$ "	3 $\frac{3}{8}$ 2 $\frac{5}{8}$ + 2 $\frac{1}{4}$ "	Strapped $\frac{1}{2}$ L lapped ends	
QUARTER UPPER DECK, Sheer-strake in Bridge...	F = 41"	34 $\frac{1}{2}$ " ✓	✓	29 $\frac{1}{2}$ "			✓	✓	✓	2 R.	5 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	lapped.	
STRAKE BELOW SHEER-strake in Wells.....	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
STRAKE BELOW SHEER-strake in Bridge...	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
BULWARKS POOP SIDE PLATING.....	37 $\frac{1}{2}$ F. 36" AFT.	26 $\frac{1}{2}$ " ✓	26 $\frac{1}{2}$ " ✓	26 $\frac{1}{2}$ " ✓			✓	✓	✓	1 R.	5 $\frac{1}{8}$ "	3 $\frac{1}{4}$ "	lapped.	
BRIDGE SIDE PLATING...	46 $\frac{1}{2}$ "	26 $\frac{1}{2}$ " ✓	✓	✓			2 $\frac{1}{2}$ " Single	3 $\frac{3}{4}$ "	3 $\frac{1}{4}$ "	✓	✓	✓	✓	
FOREC'TLE SIDE PLATING	52 $\frac{1}{2}$ "	✓	24 $\frac{1}{2}$ " ✓	✓			2 $\frac{1}{4}$ " Single	5 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	1 R.	5 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	lapped.	

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c).....		Deck next below.....		As per Rule.....	
		Three.				Three as approved.	
		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKHEAD, Upper two decks		N ^o 29. 30" x 46" 38"	5" x 3" x 34" A = 26 1/4" 6" x 3" x 34" A = 31"	8. B. Beam 30" x 3" x 30"			
" " Second		"					
" " NON W.T. Third		N ^o 24. 26" x 30" 36"	3" x 3" x 30" A = 14 1/2" 4" x 3" x 38" A = 36"	U.D.			
" " Holds		"					
COLLISION " (in Hold)		N ^o 68. 26" x 30" 40"	6" x 3" x 34" A. 4" x 3" x 30" A.	24"			W.T. Plat.
AFTER PEAK " "		N ^o 4. 28" x 30" 50"	5" x 3" x 42" A. 3" x 3" x 26" A.	24"			W.T. Plat.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Rolled Steel	6" x 1 3/8"	B. Colville & Son	6" x 1 3/8"
STERN FRAME	Propeller Post	Forging	5 3/4" x 2 3/8"	E. W. Thompson.
	Rudder	"	5 1/2" x 2 3/8"	
RUDDER—A x D		72 x 07.		
Speed of Vessel		10. Knots		
RUDDER mainpiece at head	Forging	4 1/4" diam	E. W. Thompson	
" " heel		3 1/4" "		
" " how constructed	Forged Scrap Iron	arms shrunk on and keyed to main piece.		
" " double or single plate	Rolled Steel	.74	Mannesm ^e & Co.	
" " coupling, vertical or horizontal		11 1/2" diam with six 1 1/4" bolts.		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Siemens Ma
Bolchov Vaughan & Co. Ld. Mannesmannröhrenwerke Abteilung Schulz Knaudt.
D. Colville & Sons Ld.
 Has the Steel been tested as required by the Rules? Yes.

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

EQUIPMENT No. 5434-90.										LETTER	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.				
29475	1st Bower ...	9	0	14	6	0	14	11	4	3	21.	Byers Improved Stock	—	Stand. 31.5.26. Duffen.
29474	2nd „ ...	8	3	14	„	„	„	11	0	0	0	„	„	„
✓	3rd „ ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Collective weight.	18	0	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
59699	Stream	3	0	14	3	7	5	5	12	0	21.	Ordinary.	N. Bloomer & Son, Duffen.	27.7.26. Duffen.

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.	Stations.	Breaking.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.	Length.
	Fathoms.	Inch.	Tons.	Tons.	Owts.	qrs.	lbs.	Owts.	Fathoms.	Inch.			TOWLINE	Fathoms.	Inch.	Tons.	Fathoms.	Inch.
60918	165 ³ / ₂	1"	18.	27.	84.	0.	19	84.	165	1"	Slid.	N. Bloomer & Son, Duffen 27.7.26.		75	2 ¹ / ₂	12 ¹ / ₂	75.	2 ¹ / ₂
												W. A. Rupdale	HAWSERS & WARPS	90	2"	8.	90.	2"
(See Column of Chain or Steel Wire)	145	1 ¹ / ₂ "		12 ¹ / ₂					145	1 ¹ / ₂ "	G.S.W.	Dinks Bro. London. 7.7.26.	"			(without)		
				(without)									"					

Steering Gear, Steam + Hand combined by Reid, Paisley. Steering Gear, Hand, Steam Capstan by Clarke Chapman.

Boats = 2 Lifeboats 16'0" x 5'9" x 2'3" Steering Chains, Size and Test 3/4" at link. 6.15.0.0 Windlass by Clarke Chapman. (Steam + Hand.)

Ceiling in Holds, thickness and material 3/4" White Wood. Cargo Batten, thickness, material and spacing 1 1/2" W. Wood, close spaced.

Cargo Hatchways. (Upper Deck) Steel plates & angles as approved. Thickness of Hatches 2 1/2" White Wood.

Size of No. 1 Hatchway (Forward) 22'4" x 13'6" No. 2 22'4" x 13'6" No. 3 14'3" x 13'6" No. 4 14'3" x 13'6" No. 5 14'3" x 13'6" No. 6 14'3" x 13'6"

Number of Shifting Beams and/or Fore and Afters 2 each batch 3" x 1 1/2" x 42" 3" x 1 1/2" x 42" 1 1/2" x 8 1/4" x 85"

JOHN LEWIS & SONS Ltd.

Builder's Signature

C. Wilson

SHIPYARD MANAGER

GENERAL DECLARATION

This vessel has been built in accordance with the Sec. Letters, the Rules and approved Plans, for the intended class 100.A.1.

The materials and workmanship are good.

The Double Bottom, Peak Tanks, Weather Decks and Bulkheads have been satisfactorily tested.

The Greenboard marks have been cut in and verified.

The following approved plans are forwarded herewith, viz:- Midship Section, Profile and Decks, Bulkheads, Fore and Stiffening, Engines and Boiler Seats, Stern and Rudder Frames and Pumping Arrangement, together with 2 reports on forgings.

Freight fee £3-0-0
The amount of Entry Fee £3 : 0 : 0
Special Survey Fee £35 : 10 : 0
Travelling Expenses, if any £ : :
Fees applied for, Jan 4 1927
Received by me, 5-5-27

I am of opinion the Vessel should be Classed 100.A.1.

State whether the Vessel has been built under Special Survey Yes

Signature J. Richardson
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Aberdeen. Date of issue 16/5/27

Committee's Minute TUES. 25 JAN 1927

Character assigned 100 A.1.

Lloyd's Reg Co
+ L.M.C. 1:27
C.L.

My



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Lloyd's Register Foundation

WS24-0255 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.)

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

1st Bower	Byers Anchor Head.	H. 3. 13.	M.B.	2749.	27.4.26.
2nd "	"	"	"	H. 3. 13.	M.B. 2750. 27.4.26.
3rd "	"	"	"	"	"

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 43.68 ft., Bridge 9.0 ft., Forecastle 22.9 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) One Deck (steel).

Official No. 148148.; Signal Letters ✓. Is bottom of Vessel coated with cement Yes. if not particulars of composition Cement full width of Tanks and throughout vessel. Bitumastic on floors in E & B Space and in Coal Bunker.

PARTICULARS OF WATER BALLAST.—

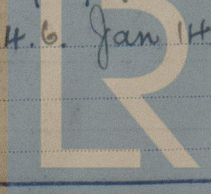
Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water
	Feet.	Tons.		Feet.	
Double bottom, aft.	✓	✓	Fore peak tank,	15.00	3
Double bottom, under Engines and Boilers.	✓	✓	After peak tank,	7.16	
Double bottom, if under Engines only.	✓	✓	Deep tank, aft.	✓	
Double bottom, if under Boilers only.	✓	✓	Deep tank, forward.	✓	
Double bottom, forward, N ^o 1 = 37.62' = 40 TONS.			Other tanks, if fitted.	✓	
N ^o 2 = 41.21' = 52 "			(If necessary, furnish further information by sketch.)	✓	
	Total capacity of double bottom	92.			

Order for Special Survey No. 1718.

Date 4.2.26.

Dates of Surveys held while building

1926 = Feb. 2. 16. July 8. 16. Aug. 3. 10. 21. 27. Sept. 7. 9. 13. 16. 22. 24. Oct. 7. 15. 16. 19. 21. Nov. 3. 4. 9. 10. 15. 16. 18. 22. 23. 25. 29. Dec. 1. 3. 4. 6. Jan. 14.



Lloyd's Register Foundation
Total No. of Visits 3
Dated 830, (334)