

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 13th 1926

Port of

Aberdeen

No. 14521

Survey held at

Aberdeen

Date First Survey

May 4th 1926

Last Survey

October 7th 1926

On the

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

Yes

SINGLE SCREW

OUTWOOD

State Type

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

Full Scantling

State Type of Erections R.Q.D. B + F

TONNAGE under Tonnage Deck

449.05

CLASS

100.A.I.

State if with freeboard as condition of Class

no

Built at

Aberdeen

Do. of space 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. 3 (1a)

L 171.0

Launched

Sept. 22nd 1926

Yard No. 99

Total

449.05

Breadth (greatest moulded)

B 27.9

Builders

J. Lewis & Sons Ltd.

Gross Tonnage

648.07

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

D 13.42

Owners

E. T. Lindley

Register Tonnage

317.89

1st Longitudinal Number (L x D) = 2287.12

Managers

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

REGISTERED DIMENSIONS. FEET.

Length

171.2

Breadth

27.85

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

U.D.K. 10.94
R.Q.D. 14.44
E.S. 13.36
B.S. 16.38

Residence Cory Buildings, Fenchurch St. E.C.3.

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

12.78

Port of Registry

London

Do. Long Bridge to top of keel

10.13

If surveyed while building, afloat, or in dry dock

First Entry

Draught Moulded

13.04

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.
Spacing amidships	22				Bracket Floors, Frame	✓	✓	✓	
from 1/2 length to Collision bulkhead	22				Reversed Frame	✓	✓	✓	
in peaks	22				Vertical Struts	✓	✓	✓	
AMIDSHIPS.					Centre Girder, depth and thickness amidships	29 1/2	3 3/4	31	
Amidships, Angle, E or F	5	3	33		top Angles	3	3	33	Double for 4 1/2
ANGLE UPPER DECK	5	3	38		bottom Angles	3	3	37	
ENGINE SPACE	5	3	46		Side Girders, No. each side and thickness	one	21	28	where not framed.
Extends up to uppermost deck	5	3	41		additional girders forward 1/2 and as approved				
IN BOILER SPACE	5	3	41		Margin Plate depth (excl. of flange) and thickness	20 1/2	38	31	
BUNKER SPACE	5	3	41		Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3	3	30	
Frame Amidships, Angle	5	3	41		Vertical Angle to Tank side Bracket forward 1/2 len. from stem	3	3	33	
SOLID FLOORS	3	3	28		Gussets, spacing and scantling abaft 1/2 len. from stem	✓	✓	✓	
Extends up to					Gussets, spacing and scantling forward 1/2 len. from stem	✓	✓	✓	
Flanged 5" in Boiler Room in lieu of Framing Girder	5	3	30	4" x 3" x .32"	Tank Side Brackets, height above base line at toe of Frame and thickness	3 1/2	30		
FORECASTLE in Uppermost Continuous Deck, Angle, E or F	5	3	30		INNER BOTTOM PLATING.				
Second Deck, Angle, E or F	✓	✓	✓		Breadth and thickness of Middle Line Strake	39 1/2	33	30	
Third	✓	✓	✓		Thickness of remainder in Holds	29	30	28	
in Peaks, Angle, E or F	5	3	30		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.			
er and Spacing of Rivets through Frame and Shell Plating amidships	3	3	30	4" x 3" x .32"	BEAMS.				
Frame Joggled	no				RAISED QUARTER				
ARRANGEMENTS (Sec. 7), state system and particulars	As per approved Fore end				Uppermost Continuous Deck, amidships	5	3	37	
FINISHING OF BOTTOM FOR D. State Particulars	As per approved Plans and Section 11 of the Rules				in Wells, Angle, E or F	✓	✓	✓	
BOTTOM. IN BOILER SPACE.					in way of Bridge, Angle	✓	✓	✓	
Depth and thickness at mid-line	18	4 1/2			E or F	✓	✓	✓	
Hold	5 1/2	3 1/4			Spacing	22			
IN ENGINE SPACE					HALF BEAMS.				
Height of Brackets at side above base line at toe of frame	9	3 1/2	53		Second Deck, amidships, Angle, E or F	3 1/2	3	30	
Line Keelson, on Floors, Angle, E or F	✓	✓	✓		BEAMS IN WAY OF DEEP BRACKETS	3	3	30	
Through Plate	✓	✓	✓		Spacing	✓	✓	✓	
Intercostal Plate	✓	✓	✓		UPPER				
Foundation Plate on Floors	✓	✓	✓		Third Deck, amidships, Angle, E or F	5	3	39	6 3/2 x 3 x 30
Flat Plate Keel Angles	8 1/2	3 1/2	40		Spacing	22			
Keelsons, No. each side	one				HALF BEAMS = 3 1/2 x 3 x 30. BEAMS AT DEEP BRACKETS = 3 x 3 x 30				
thickness of Intercostal Plate	✓	✓	✓		Fourth Deck, amidships, Angle, E or F	6	3	32	
Angles	Single on floor	6	4	52	PANTING BEAMS				
BOTTOM.					Spacing	HH			
Floors, thickness and spacing	28 at 22 apart				W.T. FLAT FORWARD.				
Waterlight	36				Poop Deck, Angle, E or F	4	3	HH	4 1/2 x 3 x 36
Are Frame and Reversed Frame joggled?	no				Spacing	22			
Floors, breadth and thickness at middle line	✓	✓	✓		Bridge Deck, Angle, E or F	4	3	HH	4 1/2 x 3 x 35
breadth and thickness at margin plate	✓	✓	✓		Spacing	HH			
	✓	✓	✓		Forecastle Deck, Angle, E or F	5	3	33	6 1/2 x 3 x 33 angles
	✓	✓	✓		Spacing	HH			

PILLARS

PILLARS, No. of Rows	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
Bridge, in 'tween Decks, Size and Spacing... } Pillars and Boon's Stores. }	2 1/2" spaced	4 1/2" apart			Stringer Plate, breadth and thickness in way of Bridge 3 1/2" x 3 1/2" x 30' 6" x 3" x 32'	
" " " " "					Thickness of Plating in Bridge 29'	
" " " " "					Thickness of Plating in way of Bridge 32'	
" " " " "					Thickness of Plating in way of Bridge 29'	
" " " " "					Thickness of Plating within line of openings Doubling as approved	
Centre Line Bulkhead					If Sheathed, material and thickness in accor ⁿ = 2 1/2" W. Pine.	
Stiffeners and Spacing					FORE PEAK FLAT.	
Plating, thickness of					Third Deck	
STRINGERS AND DECK.					Stringer Plate, breadth and thickness	36" x 30'
Uppermost Continuous Deck. R. Q. D ^K					If Plated, state thickness	30'
Stringer Plate, breadth and thickness in Wells	67" x 33' 6" x 32'	at ends			PANTING STRINGER.	
" " " " " in way of Bridge					Fourth Deck	
" Angle in Wells	3 1/2" x 3 1/2" x 30' 6" x 3" x 32'				Stringer Plate, breadth and thickness	22 1/2" x 32'
Thickness of Plating in way of Wells	29"				If Plated, state thickness	
Thickness of Plating in way of Bridge	26"				POOP DECK.	
Thickness of Plating within line of openings					Stringer Plate, breadth and thickness	
If Sheathed, material and thickness in accor ⁿ = 2 1/2" W. Pine					Plating, Sheathing, material and thickness	
Second Deck. UPPER D ^K					Bridge Deck.	
Stringer Plate, breadth and thickness in Wells	67" x 33' 6" x 32'	at ends			Stringer Plate, breadth and thickness	66" x 26"
	43" at Break.				" Angle	3" x 3" x 28"
					Plating, Sheathing, material and thickness	26" with 2 1/2" P. Pine.
					Forecastle Deck.	
					Stringer Plate, breadth and thickness	26" under windlass 30"
					" Angle	3" x 3" x 26"
					Plating, Sheathing, material and thickness	26" with 2 1/2" P. Pine.

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>Yes.</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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	38 ³ / ₄ "	•46✓	•42✓	•42✓		1/2" Double	3" 4	3 ¹ / ₄ "	3R=2L 6 2R	3" 4	2 ⁵ / ₈ "	Lapped.
" Deck (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes2.....	65.62	•36✓	•36✓	•32•36✓		1/2" Double	3" 4	3 ¹ / ₄ "	2R	3" 4	2 ⁵ / ₈ "	Lapped.
BILGE PLATING, No. of Strakes1.....	45"	"✓	•32✓	"✓		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes <i>R.Q.D^K=2 M.D^K=1</i>	56 ¹ / ₂ 57"	"	•32•31✓	"✓		"	"	"	"	"	"	"
UPPER DECK, Sheer- strake in Wells.....	45	•44✓	•31✓	✓		1/2" + 5/8" Double	7/8" 3" 8 4	✓	3R=1L 6 2R	7/8" 3" 8 4	3 ⁵ / ₈ + 2 ⁵ / ₈ "	"
<i>R.Q.</i> UPPER DECK, Sheer- strake in Bridge ...	41 ¹ / ₂ "	•39✓	<i>Bulwarks</i> •26✓	•32✓		✓	3" 4	"	"	3" 4	2 ⁵ / ₈ "	"
STRAKE BELOW Sheer- strake in Wells.....	57"	•40✓	•31✓	✓		1/2" Double	"	"	"	"	"	"
STRAKE BELOW Sheer- strake in Bridge ... <i>R.Q.D^K</i>	45	•38✓	✓	•32✓		"	"	"	2R	"	"	"
POOP SIDE PLATING.....	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BRIDGE SIDE PLATING ...	✓	•39" •26"	✓	✓		✓	3" 4	3 ¹ / ₄ "	✓	✓	✓	✓
FOREC'TLE SIDE PLATING	✓	✓	•26"	✓		✓	5" 8	2 ¹ / ₂ "	1R	5" 8	2 ¹ / ₄ "	Lapped.

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)	Three				
" Deck next below					
As per Rule	Three and as approved.				
MIDSHIP BULKHEAD, Uppermost Deck	Plating Thickness	STIFFENERS.			
		VERTICAL	HORIZONTAL	Scantlings	Spacing
N ^o 29.	26" x 28" x 40"	7 1/2" x 3" x 46"	32"		
" " " " " Second					
BUNKER BULKHEAD, Third	N ^o 26.	30" x 36"	5 1/2" x 38"	33"	
" " " " " Holds					
COLLISION " (in Hold)	N ^o 82	26" x 36"	4 1/2" x 38"	24"	W. T. 96"
AFTER PEAK " "	N ^o A.	30" x 50"	5 1/2" x 36"	24"	B. Dec. 30" plate.

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Roller Steel	6" x 5 1/8"	J. Dunlop	6" x 1 3/8"
STERN FRAME	Forging	6" x 3 1/2"	E. W. Thompson	
Propeller Post		5 1/4" x 3 1/2"		
Rudder	"			
RUDDER—A x D	not exceeding 83			
Speed of Vessel	10 knots			
RUDDER mainpiece at head	Forging	4 1/2" dia	E. W. Thompson	
" " heel		3 1/2"		
" how constructed	Forged scrap iron. Arms shrunk on and keyed to main piece.			
" double or single plate	82"	Eisenwerk		
" coupling, vertical or horizontal	1 1/2" dia with 6 bolts 1 3/8" dia			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)			
	Bochum Vaughan & Co. Ltd.	Pease & Partners Ltd.	The Lancashire Steel Co.	Eisenwerk Kraft. act. Ges. abtheilung mederrheinische Hütte Duisberg - Hoefeld.
	Has the Steel been tested as required by the Rules? Yes.			

Certificate	Anchor	Weight, Etc.	PER CERTIFICATE	Weight Required by Table 53.	Description of Anchor.	Ma	Where and when tested and Superintendent.
29558	1st Bower	14 3 0	Blackless	16 5 2 14	14 3	Byers "Improved"	21.8.26. Butler
29559	2nd "	14 2 7	"	16 3 1 21	14 3	"	" 23.8.26. "
29556	3rd "	13 0 7	"	14 17 0 21	12 4	"	" 20.8.26. "
	Collective weight.	42 1 14			41 3 4		
59701	Stream	4 2 4	1 0 17	6 17 2 0	4 4	Ordinary	N. Bloomer & Sons Tipton 27.7.26. Drysdale

CHAIN CABLES.												HAWERS 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.		
60957	Fathoms.	Ins.	Tons.	Tons.	Owts.	qrs.	lbs.	Owts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
	195½	1 7/8	25.7.2	38.	141.	0.	21.	141½	195	1 7/8	Slud	N. Bloomer & Son	T. 28.7.26. Ryedale	TOWLINE...	75	2 3/4	15½	75	2 3/4	
Iron Steam- Chain Steel Wire	60	Cir.		18					60	Cir.	8.8.10.	Binks Bros.	London.	7.8.26.	HAWERS & WARPS	90.	2 1/4	10	90	2 1/4
																45	2 1/2			
				(without)												45	2 1/2			

Steering Gear, Steam & Hand combined by "Doutin" ~~Steering Gear, Hand~~ Capstan by "Clarke Chapman".

Boats 2 Lifeboats & 1 Dinghy. Steering Chains, Size and Test ^{3"} 4 short link 6.15.0.0 Windlass "Clarke Chapman",
35539 Tipton 15.7.26. W. A. Drysdale.

Ceiling in Holds, thickness and material 2" White Wood. Cargo Battens, thickness, material and spacing not fitted.

Cargo Hatchways.-(Upper Deck) Steel plates & angles as approved Thickness of Hatches 2 1/2" (see glo 1.9.26.)

Size of No. 1 Hatchway (Forward) 31' 4" x 16' 0" No. 2 31' 4" x 16' 0" No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters Five to each hatch. 11 Plate 15-10 1/2 x 3 1/4 angles 3 1/2 x 3 x 4 1/2.

JOHN LEWIS & SONS Ltd.
W. Wilson
SHIPYARD MANAGER

GENERAL DECLARATION This vessel has been built in accordance with the Sec^d letter, 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 Bulkhead have been satisfactorily tested.

The Freeboard marks have been cut in and verified.

The following approved plans are forwarded herewith, viz:- Midship Section (2) 2
Profile and deck plans, 3 Bulkheads, Fore end stiffening, Engine & Boiler seats, 6
Stein & Rudder frames 7 and Pumping Arrangement, together with 2 reports on forgings.

The S.S. "Surbiton". Abn. Report 14490. is a sister vessel.

The amount of Entry Fee £ 4 : 0 : 0. Fees applied for, Oct-13 1926

Special Survey Fee.... £ 64 : 16 : 0. Received by me, 7.12.26

Freeboard 4 : 0 : 0
~~Travelling Expenses, if any~~ ✓ : ✓ : ✓

I am of opinion the Vessel should be Classed * 100. A.1.
CARGO BATTENS NOT FITTED.

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to Aberdeen. Date of issue 11/12/26

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

Committee's Minute FRI. 15 OCT 1926

Character assigned + 100A1

cargo battens not fitted

Lloyd's as per

thine 10.26.

TUES. 23 NOV 1926

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W483-0159 2

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of the Plans should be embodied)

INCHES IN SHIP.

Any Departure from

INCHES IN SHIP.

Any Departure from

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

1st Bower	Byers Anchor Head.	8.2.27.	K.H.	3998.	16.6.26.
2nd "	"	8.2.7	M.B.	2610	20.11.25.
3rd "	"	6.3.27.	K.H.	3813	30.3.26.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 95.91 ft., Bridge 11.16 ft., Forecastle 23.83 ft. (in feet and tenths). ~~When the Poop is joined to the R.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)

Is bottom of Vessel coated with cement ☒ Yes ☐ No

Official No. 149730. ; Signal Letters

particulars of composition Cement full width of Tanks and throughout Ship.

PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WATER BALLAST.—					
Where Fitted.	°Length.	Water Capacity.	Where Fitted.	°Length.	Water
	Feet.	Tons.		Feet.	
Double bottom, aft,	✓	✓	Fore peak tank,	19.50	✓
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	7.81	✓
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓✓	✓✓	Deep tank, forward,	✓	
Double bottom, forward, No. 1. Tank = 56.83. = 75 Tons.	102.66	142 ✓	Other tanks, if fitted,	✓	
No. 2. Tank = 45.83. = 67 Tons.	Total capacity of double bottom	142.	(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. 1720.

Date 23.2.26.

Dates of Surveys held while building

1926. May 4. 11. 19. 26. 31. June 1. 9. 23. 24. 29. July 2. 5. 8. 16. 22. 28. 30. August 3. 10. 12. 16. 18. 27. 30. September 6. 7. 9. 11. 13. 16. 18. 22. 24. 28. October 4. 6. 7.

Total No. of Visits