

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

No. 4880

Date First Survey 16th Feb 1977

Last Survey 20th Dec: 1927

State Type (Full Scantling, Complete Superstructure
with or without Tonnage Openings)

State Type (Full Scaffolding, Complete Superstructure with or without Tonnage Openings) COMPLETE SUPERSTRUCTURE WITH ONE TONNAGE OPENING State Type of Erections None

TONNAGE under 4163.79

TONNAGE under 4163.79 CLASS 100 A1

~~State if~~ with freeboard } Yes
as condition of Class } -----

Built at Belfast

*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)

FEET.

Launched 29th Sept. 1927 Yard No. 758.

Total

Breadth (*greatest moulded*) B 54.5

Builders Harland & Wolff Ltd

Gross Tonnage 4535.95

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 34.7

Owners King Line Ltd

Register Tonnage 2692.37

1st Longitudinal Number (L x D).....= 13600

Managers

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

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See } 22.83
Sec. 3 (1d)

Residence

Length

400.6

Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.5.

Port of Registry *London*

54-8

Do. Long Bridge to top }
of keel }

If surveyed while building, afloat, or in dry dock

23.60

Draught Moulded (23' - 1 1/2)

Yes.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
S, Spacing amidships	30		Bracket Floors, Frame B.A.	9x 3½x .48	
" from ½ length to Collision } bulkhead.....}	27		" " Reversed Frame B.A.	8½x 3x .48	
" in peaks.....	24		" " Vertical Struts B.A.	8½x 3x .48	
FRAMING.			Centre Girder, depth and thickness amidships	42x .54 to .44	
e Amidships, Angle, [or]	11x3½x 3½x .51W 575F		" " top Angles	3½x 3½x .52 to .48	
" Extends up to	Upper 90°		" " bottom Angles	4x4x .58 to .54	
sed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1 at .42	
" " Extends up to...	✓		Margin Plate depth (excl. of flange) and thickness	36x .52	
of Framing Girder	11		" " Vertical Angle to Tank side Bracket abaft ½ len. from stem	3½x 3½x .42	
es in Uppermost Continuous 'tween } Decks, Angle, [or]}	6½x 3½x .39		" " Vertical Angle to Tank side Bracket forward ½ len. from stem	"	
" Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft ½ len. from stem.....}	Continuous plate .38	
" Third " " " "	✓		" " Gussets, spacing and scantling forward ½ len. from stem.....}		
ng in Peaks, Angle [or]	7x 3x .40		Tank Side Brackets, height above base line at toe of Frame and thickness	66	
ter and Spacing of Rivets through } Frame and Shell Plating amid- } ships	7 8 - 5¾		INNER BOTTOM PLATING.		
f Frame Joggled	Yes		Breadth and thickness of Middle Line Strake ...	52x .50 To .44	
G ARRANGEMENTS (Sec. 7), state } system and particulars}	Extra Webs, Beams & Stringers as per Rec. 7 of Rules & as approved		Thickness of remainder in Holds42 To .38	
THENING OF BOTTOM FOR- } ID. State Particulars	Three strakes of Shell next keel maintain thickness to bulk 8114 DB frames doubled & solid Floors every frame fwd of 3½L Riveting as per Rules		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	
BOTTOM.			BEAMS.		
Depth and thickness at mid-line in } Holds			Uppermost Continuous Deck, amidships } " " Wells, Angle, [or]	8x3x 3x .50W 53F	
Height of Brackets at side above } base line at toe of frame			" " in way of Bridge, Angle, } [or]	✓	
Line Keelson, on Floors, Angles, } [or]			Spacing	30	
" " Through Plate or } Intercostal Plate...			Second Deck, amidships, Angle, [or]	10x3½x 3½x .56	
" " Foundation Plate on } Floors			Spacing.....	30	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or]	✓	
elsons, No. each side			Spacing.....		
" thickness of Intercostal Plate...			Fourth Deck, amidships, Angle, [or]	✓	
" Angles			Spacing.....		
BOTTOM.			Poop Deck, Angle, [or]	✓	
loors, thickness and spacing	40 at 90		Spacing.....		
" Are Frames and Reversed Frame } NOT joggled			Bridge Deck, Angle, [or]	✓	
et Floors, breadth and thickness at } middle line.....}	47 x .40		Spacing.....		
" breadth and thickness at } margin plate.....}	37½x .40		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.....	One		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....	3" at 60		Thickness of Plating abreast Deck openings in way of Wells36	
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „	60 line BHA		Thickness of Plating within line of openings...	.34	
„ „ „ „ „			If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	and as per approved plan 11 x 3 1/2 x 45 BA	spaced 60"	Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of30		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	58 x 59		If Plated, state thickness		
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	6 x 6 x 59		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells44		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	.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	47 x 40 to 34		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)	Six
„ Deck next below	One (Ball B.H.)
As per Rule.	Six

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	<i>Rolled</i>	$9\frac{1}{4} \times 2\frac{1}{2}$	✓	✓
STERN FRAME {	Propeller Post	<i>Forging</i>	$10\frac{1}{4} \times 7\frac{1}{2}$	✓
	Rudder "		$8\frac{7}{8} \times 7\frac{1}{2}$	✓
RUDDER—A × D		598.	✓	
Speed of Vessel		10 knots	✓	✓
RUDDER mainpiece at head ...	"	$10\frac{5}{8}$	✓	✓
" " heel ...	"	$8\frac{1}{16}$	✓	
" how constructed	<i>Forged Arms Shruunk on main piece</i>			
" double or single plate	<i>Single Plate</i>			
" coupling, vertical or horizontal	<i>Horizontal Coupling</i>			

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings	Spacing.
	<i>Holds No 147F. and as approved</i>					
MIDSHIP BULKHEAD,	<i>Upper tween decks</i>		3/4 T-26	11x3x5 1/2 SH	[aced 30' apart.	
"	DEEP TANK AFTER BN ^d		3/4 T-30	8x3x40 BA 24 T D 18	oneal [33' x 40	face BA 25
"	Second DEEP TANK FORD SH ^e		40 T-30	1/2 x 3 x 40 BA 26 T O 24	oneal [35' x 40	BA 25
"	Third " "					
"	Holds		0.7.	Bunkers as per app'd plans.		
COLLISION	(in Hold)		53 T-26	8x3x41 BA. 24	with Semi Boy Beam	
AFTER PEAK	"		Cham holder 8x3x44 BA.	44 T-30	8x3x50 BA 24	

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Colwell Beardmore*
(on steel)

Has the Steel been tested as required by the Rules? *No.*

EQUIPMENT No.										LETTER Z		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.			
89002	1st Bower	64	3	7	41	3	16	51	0	0	0	6-3-3-0	Halls Patent Stockless R. Hingley & Sons Ltd. Rutherford 9/6/27 Green	
89028	2nd "	64	3	0	41	3	3	50	17	2	0	6-3-3-0		
84926	3rd "	54	2	14	33	3	26	45	2	3	7	5-4-2-0		4/6/27
	Collective weight.	18	0	21								18-2-0-0		24/3/21
85209	Stream	17	2	0	4	2	11	18	12	2	0	17-2-0	Rodgers	29/8/21

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.		Tons.	Length.
80571	135	2 1/4	9-2-3	1270	342-3-4						Stud	R. Hingley & Sons Rutherford 15-8-27		TOWLINE...	Fathoms.	Ins.	Tons.	Fathoms.	Ins.
80584	135	2 1/4			344-2-21	682-1-0		270		2 1/4								120	5
						682-1-8									180	2 3/4	15 1/2	180	2 3/4
Less Stream Cables or Steel Wire	90	4 3/4		47					90		4 3/4				180	2 1/2	12 1/2	180	2 1/2

Steering Gear, Steam *HW. McEshaw Electric Hydraulic* Steering Gear, Hand *HW. Worm & Pinion*

Boats *2 Lifeboats 2 Dinghies* Steering Chains, Size and Test Windlass *Clark Chapman (Electric)*

Ceiling in Holds, thickness and material *3" pine* Cargo Battens, thickness, material and spacing *2" Pine. 10' centres.*

Cargo Hatchways.-(Upper Deck) *30" above br. beamings Ends slides 1/4" Thickness of Hatches 2 1/2"*

Size of No. 1 Hatchway (Forward) *29'5" x 20'0"* No. 2 *30'0" x 20'0"* No. 3 *27'6" x 18'0"* No. 4 *30'0" x 20'0"* No. 5 *30'0" x 20'0"* No. 6

Number of Shifting Beams *And for Fore and Afters Nos 1, 2, 4 & 5 Six; No 3 Two*

For HARLAND AND WOLFE LIMITED.

Builder's Signature

Chas. Payne

GENERAL DECLARATION *This Vessel has been built in accordance with the plans approved by the Committee, the Secretary's letter, and in general conformity with the rules. The workmanship & materials are good. The Double Bottom Tanks, Peak Tanks, Deep Tank & Fuel Oil Bunkers have been tested as required by the Rules with satisfactory results. The weather decks & Watertight Bulkheads have been hose tested & found satisfactory. Steering Gear, Windlass, Bilge pumps & Hand pump have been tested under working conditions & found satisfactory. The Fuel Oil Bunker Tanks have been constructed in accordance with approved plans. The Freeboard has been verified & cut in on the vessel's sides.*

The amount of Entry Fee £ *8 : 0 : 0* Fees applied for, *23rd Dec 1927*

Special Survey Fee.... £ *301 : 16 : -* Received by me, *14.1.1928*

Freeboard *9 : 3 : 4*

Travelling Expenses, if any £ *:*

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

State whether the Vessel has been built under Special Survey *Yes*

Signature

S. Kendall, Master Lang.
Surveyors to Lloyd's Register of Shipping.

Certificate to be sent to *This Office*

Date of issue

5/1/28

Committee's Minute

FRI. 30 DEC 1927

Character assigned

+ 100A1 With Freeboard

Lloyd's A & C

+ L. M. 12.27 C1
Oil Engines

DB 100lb

Misc. logs 30/12/27

My



© 2020

Lloyd's Register Foundation

U247-00 10/2/27

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.)

Sister Vessel Belfast Rept No. 9873. "KING EDGAR"
Forging & Casting Reports are enclosed herewith

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

1st Bower 40-2-2 H.H. 4041 16th June 1926
2nd „ 40-1-17 KH 3948 27th May 1926
3rd „ 30-2-22 WTB 3103 7th Sept. 1920

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 is joined to the B.D., this should be distinctly stated. *Complete Superstructure Vessel flush decked without erections & with one tonnage opening.*

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

Official No. 149964 ; Signal Letters **KWTL** Is bottom of Vessel coated with cement *Partly* if not give

particulars of composition *Cement in Foremost & aftermost B.B. Tanks Feed water tank under Motors & in F.O. Peaks. Nothing in B.B. Oil Tanks Paint in Holds.*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	110	457	Fore peak tank,	11.75	85
Double bottom, under Engines and Boilers,			After peak tank,	11.74	181
Double bottom, if under Engines ^{Motors} only, 6'-6" High P&S	40	249	Deep tanks aft, O.F. BUNKERS P. 47 TONS S 41 TONS	10	88
Double bottom, if under Boilers only,			Deep tank, forward,	30	1088
Double bottom, forward,	183	572	Two LUBRICATING OIL TANKS, 15' 0" LONG. EACH 13 T.	56	26
Total capacity of double bottom		1278	Other tanks, if fitted, UNDER MOTORS EACH 15' 0" LONG. EACH 13 T.		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 769

Date 12/3/27

Dates of Surveys held while building

1927.
Feb 16, March 2, 4, 8, 14, 21, 29, 31 April 4, 6, 8, 11, 14, 21, 26, 28, 29 May 2, 4, 6, 10, 16, 19, 20, 24, 28, 30 June 1, 3, 6, 7, 13, 20, 21, 23, 28, 29 July 4, 8, 25 Aug 4, 5, 8, 11, 15, 23, 25 Sept 6, 8, 10, 13, 15, 17, 20, 22, 23, 24, 27, 29 Oct 4, 6, Nov 15 Dec 15, 16, 19, 20

Total No. of Visits 67