

STEEL STEAMER & MOTORSHIP.

19 MAR 1928

Received at London Office

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

17th March, 1928.

Port of

Belfast

No.

9930

Survey held at

Belfast

Date First Survey

25th April 1927.

Last Survey

15th March

1928

On the

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

SINGLE SCREW MOTORSHIP "KING LUD"

State Type

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

Full Cantling

State Type of Erections

P, B & F.C.E.

TONNAGE under
Tonnage Deck

4806.62

CLASS 100 A-1.

State if with freeboard
as condition of Class

No

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.

L 400

Launched 22nd December 1927. Yard No.

761.

Builders

Harland & Wolff Ltd

Owners

King Line Ltd

Managers

Dodd, Thomson & Co Ltd

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

Residence

Port of Registry

London.

If surveyed while building, afloat, or in dry dock

Yes

Total

Gross Tonnage

5227.78

Register Tonnage

3139.23

REGISTERED DIMENSIONS.
FEET.

Length

400.4

Breadth

54.8

Depth

27.25

Breadth (greatest moulded)

B 54.5

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

D 29.625

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

11850

2nd Numeral L x (B + D).....=

33650

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

26.5

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

18.5

Do. Long Bridge to top
of keel

10.5

Draught Moulded

23'-8"

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	28		Bracket Floors, Frame	9 3/4 48	
" " from 1/2 length to Collision bulkhead.....	27		" " Reversed Frame.....	8 1/2 3 48	
" " in peaks.....	24		" " Vertical Struts.....	8 1/2 3 48	
IDE FRAMING.			Centre Girder, depth and thickness amidships	42 x 52 to 42	
Frame Amidships, Angle, [or]	12 x 4 x 4 x 56W 12 x 4 x 4 x 62.5A		" " top Angles.....	3 1/2 3 1/2 50	
" " Extends up to.....	Upper Dk		" " bottom Angles.....	4 x 4 x 56 to 52	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	ONE 38 (NOT FLANGED)	
" " Extends up to...	✓		Margin Plate depth (excl. of flange) and thickness	36 x 50	
Depth of Framing Girder	12		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem.....	3 1/2 3 1/2 42	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem.....	3 1/2 3 1/2 42	
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	Continuous plate 38	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/4 len. from stem.....	"	
Framing in Peaks, Angle, [or]	7 1/2 3 36		Tank Side Brackets, height above base line at toe of Frame and thickness	63 x 46	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 5 3/4		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake ...	50 x 50 to 40	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	WEBS & PRINCIPALS AS PER SECTION 7 OF RULES & AS APPROVED		Thickness of remainder in Holds	42 to 36	
STRENGTHENING OF BOTTOM FOR- WARD, State Particulars	THREE STRAKES OF SHELL NEXT KEEL MAINTAIN MIDSHIP THICKNESS TO COLL BULKHEAD. D.B. FRAMES DOUBLE & SOLID FLOORS EVERY FRAME FOR 3/5 L 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?.....	MOTOR VESSEL	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships in Wells, Angle, [or]	10 x 3 1/2 x 3 1/2 x 48W 10 x 3 1/2 x 3 1/2 x 56W	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, [or] [or].....	10 x 3 1/2 x 3 1/2 x 48W 10 x 3 1/2 x 3 1/2 x 56W	
Middle Line Keelson, on Floors, Angles, [or]	✓		Spacing.....	28	
" " Through Plate or Intercostal Plate.....	✓		Second Deck, amidships, Angle, [or]	✓	
" " Foundation Plate on Floors.....	✓		Spacing.....		
" " 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.....		
SOLID BOTTOM.			Poop Deck, Angle, [or]	6 1/2 3 34	
Solid Floors, thickness and spacing	38 84		Spacing.....	28 to 24	
" " Are Frame and Reversed Frame joggled?.....	Frame joggled		Bridge Deck, Angle, [or]	9 3 1/2 44	
Bracket Floors, breadth and thickness at middle line	47 x 38		Spacing.....	28	
" " breadth and thickness at margin plate.....	39 1/2 x 38		Forecastle Deck, Angle, [or]	7 1/2 3 1/2 44	
			Spacing.....	24 to 24	

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2019
Lloyd's Register
Foundation

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.....	2 in bridge space			Stringer Plate, breadth and thickness in way of Bridge			
" in ^{BRIDGE} between Decks, Size and Spacing.....	2 1/8 at 56'			Thickness of Plating abreast Deck openings in way of Wells			
" " " " "				Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds " "	Centre Line Bulkhead			Thickness of Plating within line of openings...			
" " " " "				If Sheathed, material and thickness			
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....	1 1/2" x 8 1/2" x 52" AA + approved			Stringer Plate, breadth and thickness.....			
Plating, thickness of	3/16			If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	56" x 92			If Plated, state thickness			
" " " " in way of Bridge	44" x 39			Poop Deck.			
" Angle in Wells	6 x 6 x 92			Stringer Plate, breadth and thickness	35 1/2" x 35		
Thickness of Plating abreast Deck openings in way of Wells	44			Plating, Sheathing, material and thickness ...	30 2 1/2" PINE		
Thickness of Plating abreast Deck openings in way of Bridge	35			Bridge Deck.			
Thickness of Plating within line of openings...	42			Stringer Plate, breadth and thickness.....	54" x 46		
If Sheathed, material and thickness	✓			Plating, Sheathing, material and thickness ...	42 No SHEATHING		
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	✓			Stringer Plate, breadth and thickness.....	34 1/2" x 35		
				Plating, Sheathing, material and thickness ...	34 1/2" (4" PINE UNDER WINDLASS)		

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>No</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.
FLAT PLATE KEEL	<i>49</i>	<i>.44</i>	<i>.68</i>	<i>.68</i>		<i>Double</i>	<i>1</i>	<i>4</i>	<i>Four</i>	<i>1</i>	<i>4</i>	<i>Lapped</i>	
„ DBLG. (if any)		<i>✓</i>				<i>✓</i>							
BOTTOM PLATING, No. of Strakes <i>3</i>	<i>✓</i>	<i>.60</i>	<i>.46</i>	<i>.46</i>		<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Three</i>	<i>7/8</i>	<i>3/8</i>	<i>"</i>	
BILGE PLATING, No. of Strakes <i>2</i>	<i>✓</i>	<i>.60</i>	<i>.46</i>	<i>.46</i>		<i>Double</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
SIDE PLATING, No. of Strakes <i>3</i>	<i>✓</i>	<i>.60</i>	<i>.44</i>	<i>.44</i>		<i>Double</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Wells.....	<i>50</i>	<i>.93</i>	<i>.44</i>	<i>.44</i>		<i>Double</i>	<i>1</i>	<i>4</i>	<i>Five</i>	<i>1</i>	<i>4 1/2</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Bridge ...		<i>.59</i>				<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Three</i>	<i>7/8</i>	<i>3/8</i>	<i>"</i>	
STRAKE BELOW Sheer-strake in Wells.....	<i>50</i>	<i>.44</i>	<i>.44</i>	<i>.44</i>		<i>Double</i>	<i>1</i>	<i>4</i>	<i>Four</i>	<i>1</i>	<i>4</i>	<i>"</i>	
STRAKE BELOW Sheer-strake in Bridge ...	<i>"</i>	<i>.60</i>				<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Three</i>	<i>7/8</i>	<i>3/8</i>	<i>"</i>	
POOP SIDE PLATING				<i>.38</i>		<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>Two</i>	<i>3/4</i>	<i>2 5/8</i>	<i>"</i>	
BRIDGE SIDE PLATING ...		<i>.58</i>				<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Five</i>	<i>7/8</i>	<i>4</i>	<i>"</i>	
FOREC'TLE SIDE PLATING			<i>.40</i>			<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>Two</i>	<i>3/4</i>	<i>2 5/8</i>	<i>"</i>	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)

Deck next below

As per Rule

			Plating Thickness.	STIFFENERS.				
				VERTICAL.		HORIZONTAL.		
				Scantlings, Spacing.		Scantlings, Spacing.		
			N ^o 51 For ^o .	41 To 26	12x64x4x1/2	30"	✓	✓
			N ^o 51 AFT	40 To 26	12x54x4x1/2	30"	✓	✓
MIDSHIP BULK'D.			Upper tween decks	48 To 30	LOWER 12x40x3 1/2x3/8	30"	↑ SPREADS PER PLAN.	Semi Box BEAM 39"x44"
"	"		DEEP TANK AFT BULK ^o		UPPER 7 1/2x3x40 8A			
"	"		Second		AND AS PER PLAN			
"	"		DEEP TANK FOR ^o BULK ^o	42 To 30	LOWER 12x52x3 1/2x3/8	30"		Semi Box BEAM 39"x44"
"	"		Third		UPPER 8 3/4x55 1/2 8A			
"	"				AND AS PER PLAN			
"	"		Holds		O.F. BUNKERS AS PER APP ^o PLANS.			
					10x3 1/2x50 8A	→ 24"		Semi Box BEAM 24"x44"
COLLISION	"		(in Hold)	50 To 28	4 1/2x3x30 8A	→ 30"		
					12x3 1/2x58 8A			Semi Box BEAM 48"x34"
AFTER PEAK	"			49 To 30	4 AS APP ^o	24"		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	ROLLED	9 1/2" x 2 1/2"		
STERN FRAME { Propeller Post	FORGING	10 1/2" x 7 1/2"	R. KERR & SONS	
{ Rudder "	"	9" x 4 1/2"	"	
RUDDER—A x D		598		
Speed of Vessel		10 KNOTS.		
RUDDER mainpiece at head ...	FORGING	10 5/8"		
" " heel ...	"	8 1/8"		
" how constructed	Forged arms shunk on mainpiece			
" double or single plate	Single Plate			
" 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)

O. H. Steel

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

Yes.

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.)

The approved Midship Section & Profile are forwarded for reference. Please return these plans for use in Sister Vessels at present under construction.

Fogging Reports (Three) are enclosed herewith.

This vessel is a Sister Vessel to the M.V. KING JOHN (Report No. 9917)

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

1st Bower (89466)	43 . 1 . 21	D.D.W.	1264	7.9.27
2nd „ (89399)	42 . 3 . 18	K.H.	4876	30.8.27
3rd „ (89401)	35 . 0 . 21	M.A.B.	1234	18.5.27

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 27.66 ft., R.Q.D. ☒ ft., Bridge 42.33 ft., Forecastle 35 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. 160,380 ; Signal Letters

Is bottom of Vessel coated with cement Partly if not give

particulars of composition Nothing in D.B. oil tanks. Cement in foremast & aftermost D.B. tanks, feed water tanks under motion & in fore & after peaks.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	109.66	252	Fore peak tank,	FRAME 78 FOR?	109
Double bottom, under Engines and Boilers, 6'-6" HIGH P+S	39.66	248	After peak tank,	" 81 AFT	260
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓ 73	712
Double bottom, if under Boilers only,	✓		Deep tank, forward,	25.66	1046
Double bottom, forward,	184.66	583	Other tanks, if fitted, AFT 16.33, FOR 14, AFT 14, F12T.		26
Total capacity of double bottom		1083	(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. 774

Date 7th May 1927

Dates of Surveys held while building

1927. Apr 25-28. May 5-23. June 4-7-10-16-28-29. Aug 4-5-29. Sept 2-19-27-30.
Oct 5-10-11-14-18-21-25-27-30. Nov 4-10-14-15-18-22-24-25-28-29. Dec 1-2-3-6-8.
Dec 12-15-19-22. 1928 Jan 6-20. Feb 12-29. Mar 6-10-12-13-14-15

Total No. of Visits 55