

STEEL STEAMER MOTORSHIP.

Received at London Office

25 JAN 1928

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

21st January 1928Port of *Belfast*No. *9905*

Survey held at

*Belfast*Date First Survey *2nd March 1927*Last Survey *13th Jan*

1928.

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

SINGLE SCREW MOTORSHIP "KING EGBERT"

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

COMPLETE SUPERSTRUCTURE WITH ONE TONNAGE OPENING

State Type of Erections *None*

TONNAGE under Tonnage Deck

*4163.79*CLASS *100 A1*State if with freeboard as condition of Class *Yes*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)

L *400*Launched *27th Oct 1927* Yard No. *759*

Total

4163.79

Breadth (greatest moulded)

B *54.5*Builders *Harland Wolff Ltd.*

Gross Tonnage

4534.67

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 *Kingline Ltd*

Register Tonnage

*2693.87*1st Longitudinal Number (L x D) = *13600*Managers *✓*

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

2nd Numeral L x (B + D) = *35400*

Residence

REGISTERED DIMENSIONS.

FEET.

Length

400.6

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

22.83

Breadth

54.8

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

*11.5*Port of Registry *London*

Depth

23.6

Do. Long Bridge to top of keel

✓

If surveyed while building, afloat, or in dry dock

Draught Moulded

*25'-1 1/2"**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	<i>30</i>		Bracket Floors, Frame	<i>BA 9.3 1/2 x .48</i>	
" " from 1/2 length to Collision bulkhead	<i>27</i>		" " Reversed Frame	<i>BA 8 1/2 x 3 x .48</i>	
" " in peaks	<i>24</i>		" " Vertical Struts	<i>BA 8 1/2 x 3 x .48</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>42 x .54 to .44</i>	
Frame Amidships, Angle, [or]	<i>11 x 3 1/2 x 3 1/2 51W. 575F.</i>	<i>✓</i>	" " top Angles	<i>3 1/2 x 3 1/2 x .52 to .48</i>	
" " Extends up to	<i>Upper 9' 6" (2nd Deck)</i>	<i>✓</i>	" " bottom Angles	<i>4 x 4 x .58 to .54</i>	
Reversed Frame Amidships, Angle	<i>✓</i>		Side Girders, No. each side and thickness	<i>1 at .42</i>	
" " Extends up to	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>36 x .52</i>	
Depth of Framing Girder	<i>11</i>	<i>✓</i>	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>3 1/2 x 3 1/2 x .42</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	<i>6 1/2 x 3 1/2 x .39</i>	<i>✓</i>	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	<i>"</i>	
" " Second 'tween Decks, Angle, [or]	<i>✓</i>		" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>continuous plate .38</i>	
" " Third " " " "	<i>✓</i>		" " Gussets, spacing and scantling forward 1/4 len. from stem	<i>"</i>	
Framing in Peaks, Angle [or]	<i>7 x 3 x .40</i>	<i>✓</i>	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>66</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8 - 5 3/4</i>	<i>✓</i>	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Yes</i>		Breadth and thickness of Middle Line Strake	<i>52 x .50 to .44</i>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Extra webs, Beams & stringers as per Sec 7 of Rules & as approved</i>	<i>✓</i>	Thickness of remainder in Holds	<i>.42 to .38</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Three stringers of shell next keel maintain thickness to Collision bulkhead. B.B. frames doubled. Solid floors every frame forward of 1/3 L. Riveting as per rules.</i>	<i>✓</i>	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & S.D. space and framing in Bunkers and Boiler Room?	<i>Yes</i>	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>✓</i>		Uppermost Continuous Deck, amidships in way of Bridge, Angle, [or]	<i>8 x 3 x 50W. 53F.</i>	
Height of Brackets at side above base line at toe of frame	<i>✓</i>		" " in way of Bridge, Angle, [or]	<i>30</i>	
Middle Line Keelson, on Floors, Angles, [or]	<i>✓</i>		Spacing	<i>30</i>	
" " Through Plate or Intercoastal Plate	<i>✓</i>		Second Deck, amidships, Angle, [or]	<i>10 x 3 1/2 x 3 1/2 x .56</i>	
" " Foundation Plate on Floors	<i>✓</i>		Spacing	<i>30</i>	
" " Flat Plate Keel Angles	<i>✓</i>		Third Deck, amidships, Angle, [or]	<i>✓</i>	
Side Keelsons, No. each side	<i>✓</i>		Spacing	<i>✓</i>	
" " thickness of Intercoastal Plate	<i>✓</i>		Fourth Deck, amidships, Angle, [or]	<i>✓</i>	
" " Angles	<i>✓</i>		Spacing	<i>✓</i>	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	<i>✓</i>	
Solid Floors, thickness and spacing	<i>.40 at 90</i>		Spacing	<i>✓</i>	
" " Joggled. Reversed Frame	<i>Not joggled</i>		Bridge Deck, Angle, [or]	<i>✓</i>	
" " Not joggled?	<i>✓</i>		Spacing	<i>✓</i>	
Bracket Floors, breadth and thickness at middle line	<i>47 x .40</i>		Forecastle Deck, Angle, [or]	<i>✓</i>	
" " breadth and thickness at margin plate	<i>37 1/2 x .40</i>		Spacing	<i>✓</i>	

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 Wells	36	✓	
„ „ „ „ „				Thickness of Plating abreast Deck openings in way of Bridge	✓		
„ in Holds „ „	60 line BH	✓		Thickness of Plating within line of openings...	34	✓	
„ „ „ „ „				If Sheathed, material and thickness	✓		
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing... <i>and as per approved plan</i>	11 x 3 1/2 x 1/4 BA		spaced 60"	Stringer Plate, breadth and thickness.....	✓		
Plating, thickness of	30	✓		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 Wells	44	✓		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.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—						Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to <u>Second</u> Upper Deck (Sec. 3 c) <u>Six</u>									
" <u>upper</u> Deck next below <u>One (coll. BH'd)</u>									
As per Rule. <u>Six</u>									
		Plating Thickness.		STIFFENERS.					
				VERTICAL.	HORIZONTAL.				
				Scantling.	Spacing.	Scantling.	Spacing.		
MIDSHIP BULK'D,	<u>Hold No 47 F & as approved</u>	<u>Upper two decks</u>	<u>39' 10"</u>	<u>36"</u>	<u>11 x 3 1/2 x 3 1/2</u>	<u>51 W</u>	<u>51 F</u>	<u>E spaced 30"</u>	<u>apart</u>
"	"	<u>DEEP TANK AFT BH'</u>	<u>34' 10"</u>	<u>30"</u>	<u>8 x 3 x 10 BA</u>	<u>24' 10"</u>	<u>33 x .40</u>	<u>Face</u>	<u>Pans</u>
"	"	<u>DEEP TANK FORD. BH'</u>	<u>40' 10"</u>	<u>30"</u>	<u>7 1/2 x 3 x 10 BA</u>	<u>26' 10"</u>	<u>35 x .40</u>	<u>One at</u>	<u>82 x 3 x 50</u>
"	"	<u>Third</u>	<u>40' 10"</u>	<u>30"</u>	<u>7 1/2 x 3 x 10 BA</u>	<u>26' 10"</u>	<u>35 x .40</u>	<u>BA.</u>	
"	"	<u>Holds</u>	<u>O. I. Bunkers</u>	<u>as per app'd plans</u>					
COLLISION	(in Hold)	<u>53' 10"</u>	<u>26"</u>	<u>8 x 3 x 11 BA</u>	<u>24"</u>	<u>with semi top beam</u>			
AFTER PEAK	"	<u>44' 10"</u>	<u>30"</u>	<u>8 x 3 x 30 BA</u>	<u>24"</u>	<u>✓</u>			
KEEL, Bar						✓			
STEM						Rolled	<u>9 1/4 x 2 1/2</u>		
STERN FRAME { Propeller Post						Forging	<u>10 1/4 x 7 1/2</u>		
						Rudder "	"	<u>8 7/8 x 7 1/2</u>	
RUDDER—A × D							<u>598</u>		
Speed of Vessel							<u>10 knots.</u>		
RUDDER mainpiece at head ...							<u>10 5/8 ✓</u>		
" " heel ...							<u>8 1/6 ✓</u>		
" how constructed							<u>Forged arms shrunk on Mainpiece</u>		
" double or single plate							<u>Single Plate</u>		
" coupling, vertical or horizontal							<u>Horizontal Coupling</u>		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Bowville Beardmore*
(*As Steel*)
Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No.												LETTER <u>Z</u> ✓		ANCHORS.	
Number of Certificate.	Anchor.	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.	Cwts.			
89158	1st Bower ...	64	3	10	Stockless			51	0	0	0	63 ³ / ₄	Hall's & S. Head.	N. Hingley & Sons	Keltherton 29/7/27 H. Green
89157	2nd " ...	64	2	21			"	50	17	2	0	63 ³ / ₄	Shank forged & Steel	"	" " "
87463	3rd " ...	54	3	14			"	45	5	3	21	54 ¹ / ₂	Shackle - W. Iron	"	" 25/3/25 "
	Collective weight.	184	1	17								182			
89362	Stream	17	2	14	5	0	14	18	14	1	14	17 ¹ / ₂	Rodgers forged W.I.		" 23/9/27 "

CHAIN CABLES.				HAWERS AND WARPS.			
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and size supplied.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
	Length. Diam.	Statutory. Breaking.	Supplied. Per Rule.	Length. Diam.			
80598	Fathoms. 135. Ins. 2 1/4. 9 1/8	Tons. 127.5. Cwts. 343. qrs. 2. lbs. 0	Cwts. 682.4	Fathoms. 270. Ins. 2 1/4. 2 1/4	Link	N. Hingley & Sons. 8/9/27 H. Green	" 24/9/27 H. Green
80599	Fathoms. 135. Ins. 2 1/4. 9 1/8	Tons. 127.5. Cwts. 343. qrs. 2. lbs. 0	Cwts. 682.4	Fathoms. 270. Ins. 2 1/4. 2 1/4	Link	"	"
	Fathoms. 90. Ins. 1 1/4. 4 7/8	Tons. 47. Cwts. 117. qrs. 3. lbs. 1. 21		Fathoms. 90. Ins. 1 1/4. 4 7/8			

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

Boats *2 lifeboats, 2 dinghies* Steering Chains, Size and Test *3" pine* Windlass *black 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 deck. Coaming 90 lbs. Ends & sides 144 Thickness of Hatches 2 1/2"*

Size of No. 1 Hatchway (Forward) *29'5" x 20'0"* No. 2 *34'0" 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 No. 1, 2, 4 & 5 Six; No. 3 Two.*

For HARLAND AND WOLFE, LIMITED.

Builder's Signature

Chastayne

GENERAL DECLARATION

This Vessel has been built in accordance with the plans approved by the Committee, the Secretary's letters, 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 the 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, *24-1-1928*
Special Survey Fee.... £ *301 : 16 : 0* Received by me, *7-2-28*
Freeboard Travelling Expenses, if any £ *9 : 3 : 4*
State whether the Vessel has been built under Special Survey *Yes* Signature *ST Kendall, Master Lang*
Certificate to be sent to *This Office* Date of issue *9/2/28*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUES. 7 FEB 1928*
Character assigned *+ 100 A1. With Freeboard*
Lloyd's A & C D *+ 100 A1. 1-28 C.L.*
Oil engines L.B. 100 lb
Mike Bull *Gls. dr 9-2-28.*

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
The remainder of the approved plans are also enclosed herewith

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

1st Bower	(89158)	42. 0. 14	K.H.	3949	27/5/26.
2nd "	(89157)	42. 0. 23	K.H.	3950	27/5/26.
3rd "	(87463)	36. 3. 7	D.D.W	203	27/2/25.

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, and 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. *149979* ; Signal Letters

Is bottom of Vessel coated with cement *Partly* if not give

particulars of composition *cement in Foremost & aftermost tanks, Feed Water Tanks under Motors, in Grd. Peaks. Nothing in S.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 fore	85
Double bottom, under Engines and Boilers,			After peak tank,	11.74 aft	181
Double bottom, if under ^{MOTORS} Engines 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,	(56)	1088.
Double bottom, forward,	183	572	TWO LUBRICATING OIL		26
Total capacity of double bottom		1278	Other tanks, if fitted, UNDER MOTORS EACH 15'-0" LONG. EACH 12 TONS		
* The wells are not to be included in the lengths of the tanks.			(If necessary, furnish further information by sketch.)	30	

Order for Special Survey No. *770*

Date

12/3/27

Dates of Surveys held while building

1927 March 2. 4. 8. 14. 21. 29. 31 April 4. 6. 14. 21. 26. 28. 29 May 2. 6. 17. 19. 23. 25. 30 June 1. 3. 6. 7. 13. 16. 21. 23. 27. 29 July 4. 25 Aug 4. 5. 8. 11. 15. 29 Sept 9. 21. 24. 27. 30 Oct 3. 4. 6. 7. 10. 13. 14. 17. 18. 19. 20. 22. 25. 27 Jan'y 10. 12. 13.

Total No. of Visits

61