

STEEL STEAMER ~~OR~~ MOTORSHIP

Received at London Office - 8 SEP 1936

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 September 7th 1936.Port of Aberdeen.No. 18650.Survey held at Aberdeen.Date First Survey March 11th 1936.

Last Survey

August 31st 1936.On the Steel, single screw"GLENGARRIFF"

State Type

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

Full Scantling.State Type of Erections R.Q.D. B.D. F.D.TONNAGE under Tonnage Deck... 597.50CLASS 100.A.1.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 196.83.Launched August 4th 1936 Yard No. 139.Total 597.50Breadth (greatest moulded) B 30.50Builders John Lewis & Sons Ltd.Gross Tonnage 868.45Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 14.21Owners John Kelly Ltd.Register Tonnage 456.061st Longitudinal Number (L x D) = 2796.95Managers Beefast

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

REGISTERED DIMENSIONS.

FEET.

Length 197.7Breadth 30.7Depth 12.152nd Numeral L x (B + D) = 8800.27Framing Depth "d," at middle of length. See Sec. 3 (1d) 11.69. UPPER D¹Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.85Do. Long Bridge to top of keel 10.81Draught Moulded 13.10 1/8Residence BeefastPort of Registry Beefast

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 throughout...	22"				Bracket Floors, Frame	✓	✓	✓	
" " from 3 length to Collision bulkhead	✓	✓	✓		" " Reversed Frame	✓	✓	✓	
" " in peaks	22"				" " Vertical Struts	✓	✓	✓	
SIDE FRAMING.					Centre Girder, depth and thickness amidships	30 1/2 x 39	16 3/8		
Frame Amidships, Angle, E or F	5 1/2	3	36	42 in C. Bunker	" " vertical angles (single)	3	3	29	36 for 1/2 L.
" " in Engine Space 5 1/2 x 3 x 34 in B. Space 6 x 3 x 34	5 1/2	3	34	Side Bunkers 6 x 3 x 40	" " top Angles	3	3	35	Double for 1/2 L.
" " Extends up to	Uppermost D ¹				" " bottom Angles	3	3	39	Double for 1/2 L.
Reversed Frame Amidships, Angle	✓	✓	✓		Side Girders, No. each side and thickness	One	31"		
" " Extends up to	✓	✓	✓		Margin Plate depth (excl. of flange) and thickness	2 1/2 x 38			
Depth of Framing Girder	As Given				" " Vertical Angle to Tank side	6 1/2	4	37	T. Bars outside
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	5	3	35		" " Bracket abaft 1/2 len. from stem	3	3	36	inside forward 1/2 L.
" " Second 'tween Decks, Angle, E or F	✓	✓	✓		" " Vertical Angle to Tank side	3 1/2	3 1/2	35	35 for 1/2 L.
" " Third	✓	✓	✓		" " Bracket forward 1/2 len. from stem	✓	✓	✓	
Can't frames	4	3	34		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	✓	✓	
Framing in Peaks, Angle or F	5	3	38		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	✓	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5 rivets 7 dia. apart except in 2 1/2 ft. peaks + for 1/2 L.				Tank Side Brackets, height above base line at toe of Frame and thickness	3' 0" x 31"			
State if Frame Joggled	Yes				INNER BOTTOM PLATING.				
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	As per approved plans.				Breadth and thickness of Middle Line Strake	65" x 34	6	31	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	As per approved plans.				Thickness of remainder in Holds	30 1/2 x 29			
SINGLE 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?	As per approved plans.			
Floors, Depth and thickness at mid-line in Hold in B. Space	19" 4 1/2	35	in E. Space		BEAMS.				
Height of Brackets at side above base line at toe of frame	Boiler Room 50"				at Deep Brackets	3	3	32	
Middle Line Keelson, on Floors, Angles, E or F Double	9 1/2	3 1/2	56		Uppermost Continuous Deck, amidships in Wells, Angle, E or F	5	3	30	
" " Through Plate or Intercoastal Plate	46				" " in way of Bridge, Angle, E or F	4 x 5 x 39	6 3/8 x 8 x 38		
" " Vertical angles on Floors	5	5	46		Half Beams 3 1/2 x 3 x 32 A. on every frame.	5 x 3 x 30 B. A. 5 x 3 x 38 A. in way casing 3 1/2 x 3 x 31 1/2 5 x 3 x 36			
" " Flat Plate Keel Angles	3 1/2	3 1/2	43	Double	Can't Beams W.T. PLAT. AFT. Third Deck, amidships, Angle, E or F	5 1/2	3	34	4 x 3 x 35
Side Keelsons, No. each side	one				Spacing	on every frame.			
" " thickness of Intercoastal Plate	50" flanged to shell				PANTING STRINGER FORWARD Fourth Deck, amidships, Angle, E or F	5	3	35	
" " Angles on top of floors	6	4	56		Spacing	on alternate frames.			
DOUBLE BOTTOM. W.T. Floors.					W.T. PLAT. FORWARD Poop Deck, Angle, E or F	4	3	35	
Solid Floors, thickness and spacing	30 1/2 x 29	30 for 1/2 L.			Spacing	on every frame.			
Tank frames	3	3	32	36	Bridge Deck, Angle, E or F	5	3	30	
" " Are Frame and Reversed Frame joggled?	Yes				Spacing	on alternate frames.			
Tank Reverse Frames					Forecastle Deck, Angle, E or F	5 1/2 x 3 x 36 B. A. 5 x 3 x 42 A. + as approved			
Bracket Floors, breadth and thickness at middle line	3	3	29		Spacing	on alternate frames.			
" " breadth and thickness at margin plate	✓	✓	✓						

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.....	as approved.	✓	Stringer Plate, breadth and thickness in way of Bridge.....	✓ ✓ ✓
Forecastle in 'tween Decks, Size and Spacing.....	2 1/2" dia. on alternate frames	✓	Thickness of Plating abreast Deck openings in way of Wells.....	✓ ✓ ✓
" " " " " " " " " " " "	2 1/2" " " " " " " " " " "	✓	Thickness of Plating abreast Deck openings in way of Bridge.....	26 ✓
" " " " " " " " " " " "	2 1/2" " " " " " " " " " "	✓	Thickness of Plating within line of openings.....	30 ✓
" " " " " " " " " " " "	Deep Brackets as approved	✓	Stringer Angle.....	3 1/2" 3 1/2" 24" 6 3/4" x 3 1/2" ✓
" " " " " " " " " " " "		✓	If Sheathed, material and thickness.....	✓ ✓ ✓
Centre Line Bulkhead, under Bridge			Third Deck W.T. FLAT. AFT.	
Stiffeners and Spacing.....	6" 3" 38" as approved.	✓	Stringer Plate, breadth and thickness.....	✓ ✓ ✓
Plating, thickness of.....	3/8"	✓	If Plated, state thickness.....	30" ✓
STRINGERS AND DECKS.			Fourth Deck PANTING STRINGER. F.	
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	23 1/4" x 32 1/2" 30" ✓
Stringer Plate, breadth and thickness in Wells.....	69" x 17 1/2" 34" 33 in 3 cell.	✓	If Plated, state thickness.....	✓ ✓ ✓
" " " " " " " " " " " "	57" at Break.	✓	Poop Deck W.T. FLAT. FORWARD.	
" " " " " " " " " " " "	69" x 17 1/2" 34" 33 in 3 cell.	✓	Stringer Plate, breadth and thickness.....	30" ✓
" " " " " " " " " " " "	3 1/2" 3 1/2" 47" 6 3/4" x 3 1/2" 34" ✓	✓	Plating, Sheathing, material and thickness.....	30" ✓
Thickness of Plating abreast Deck openings in way of Wells.....	30" ✓	✓	Bridge Deck.	
Thickness of Plating abreast Deck openings in way of Bridge.....	30" ✓	✓	Stringer Plate, breadth and thickness.....	3" 3" 27" ✓
Thickness of Plating within line of openings.....	✓ ✓ ✓	✓	" " Angle.....	27" Sheathing 2 1/2" P.P. ✓
If Sheathed, material and thickness.....	✓ ✓ ✓	✓	Forecastle Deck.	
R.Q. Second Deck.			Stringer Plate, breadth and thickness.....	3" 3" 27" ✓
Stringer Plate, breadth and thickness in Wells.....	72" x 34 1/2" 33" ✓	✓	" " Angle.....	27" Sheathing 2 1/2" P.P. ✓
			Plating, Sheathing, material and thickness.....	27" Sheathing 2 1/2" P.P. ✓

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER 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.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	<i>12 1/2</i>	<i>17</i>	<i>17 1/2 5/8</i>	<i>13</i>	✓	<i>1 1/2 + 5 1/2 for Double</i>	<i>3/4</i>	<i>3 1/2</i>	<i>3 R.</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped.</i>	
„ DBLG. (if any)	✓	✓	✓	✓		<i>7/8 rivets in way of 54" plating</i>							
BOTTOM PLATING, No. of Strakes <i>3</i>	<i>A. 54</i>	<i>37</i>	<i>37 1/2 16</i>	<i>33 1/2 37</i>	✓	<i>1 1/2 Double.</i>	<i>3/4</i>	<i>3 1/2</i>	<i>2 R.</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped.</i>	
	<i>B. 54</i>	"	<i>37 1/2 16</i>	<i>33 1/2</i>	"	"	"	"	"	"	"	"	
	<i>C. 54</i>	"	"	<i>37</i>	"	"	"	"	"	"	"	"	
BILGE PLATING, No. of Strakes <i>1</i>	<i>D. 45</i>	"	<i>38</i>	<i>33 1/2 37</i>	✓	"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes <i>1, 2, 3, 4</i>	<i>E. 54</i>	"	"	"	"	"	"	"	"	"	"	"	
	<i>F. 52</i>	"	✓	<i>38</i>	✓	"	"	"	"	"	"	"	
UPPER DECK, Sheer-strake in Wells <i>FOR</i>	<i>G. 44 1/2</i>	<i>51</i>	<i>33</i>	✓	<i>67" at Break.</i>	<i>3 + 2 1/2 Single</i>	<i>7/8 + 3/4</i>	<i>3 1/2 6 3/8</i>	<i>3 R. 1/2 L. 6 2 R.</i>	<i>7/8 + 3/4</i>	<i>3 1/2 + 2 5/8</i>	<i>Lapped</i>	
<i>R. Q.</i> UPPER DECK, Sheer-strake in Bridge <i>aft</i>	<i>H. 48</i>	<i>43</i>	✓	<i>33</i>	<i>46" at Bridge.</i>	<i>3 1/2 Single</i>	<i>3/4</i>	<i>3 3/8</i>	<i>3 R. 1/2 L. 6 2 R.</i>	<i>3/4</i>	<i>2 5/8</i>	"	
STRAKE BELOW Sheer-strake in Wells <i>FOR</i>	<i>F. 52</i>	<i>44</i>	<i>33</i>	✓	✓	<i>5 1/2 + 4 1/2 Double</i>	<i>7/8 + 3/4</i>	<i>3 3/8 + 3 1/2</i>	"	"	"	"	
STRAKE BELOW Sheer-strake in Bridge <i>aft</i>	<i>G. 44 1/2</i>	<i>41</i>	✓	<i>33</i>	<i>67" at Break.</i>	"	"	"	"	"	"	"	
<i>BULWARK</i> POOP SIDE PLATING	<i>U. D. 4</i>	<i>H. 41</i>	<i>46 1/2 26</i>	✓	✓				<i>1 R.</i>	<i>5/8</i>	<i>2 1/4</i>	"	
	<i>R. Q. D. 4</i>	<i>J. 40 1/2</i>	<i>26</i>	<i>40 1/2 26</i>	✓								
BRIDGE SIDE PLATING ...	<i>H. 48</i>	<i>46</i>	✓	✓		<i>2 1/4 Single</i>	<i>5/8</i>	<i>2 1/4</i>	✓	✓	✓	✓	
	<i>J. 40</i>	<i>40</i>				"	"	<i>2 1/2</i>	<i>1 R.</i>	<i>5/8</i>	<i>2 1/4</i>	<i>Lapped.</i>	
FOREC'TLE SIDE PLATING	<i>H. 41</i>	✓	<i>37</i>	✓		"	"	"					
	<i>J. 42 1/2</i>	✓	<i>27</i>	✓									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c).....	Three.
" " " " " " " " " " " "	✓
As per Rule and as approved.....	Three.

FORGINGS and CASTINGS.

	Castings or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓	✓	✓
STEM	✓	✓	✓	✓
STERN FRAME { Propeller Post.....	✓	✓	✓	✓
{ Rudder ".....	✓	✓	✓	✓
Speed of Vessel	Ten knots.			
RUDDER—Type	Patent Balanced Reaction.			
" A x D.....	As approved 27.1.36.			
" Diam. of head.....	4 1/2" T.S. Foster & Sons.			
" Mainpiece at top pintle.....	6 1/2"			
" " " " " " " " " " " "	4 1/2"			
" how constructed.....	As approved.			
" double or single plate.....	94"			
" coupling, vertical or horizontal.....	1 1/2" dia. 1 1/2" flange. Die 1 1/2" bolts.			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
 The Steel Co. of Scotland L^d. Colvilles L^d. Consell Iron Co. L^d.
 Scottish Iron & Steel Co. L^d.
 Has the Steel been tested as required by the Rules? Yes.

Siemens Martin.

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.)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

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

1st Bower	11.0.14. M.A. Black. 1605. Antwerp. 27.2.30.
2nd "	10.3.6. A. Bennett. 2407. " 7.12.29.
3rd "	10.1.25. B.C. Bulver. 3266. " 17.3.30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 112.41 ft., Bridge 11.0. ft., Forecastle 30.33. ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks One Deck Steel.

Official No. 165154.

Signal Letters

Is bottom of vessel coated with cement

no.

if not give

particulars of composition Inside Double Bottom and Peak Tanks, also E + B. Space up to platform and Bunkers, coated with Bitumae enamel. In Bilges Bottom half cemented and Bitumae above.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <u>Nº 2.</u>	<u>66.0.</u>	<u>112.</u>	Fore peak tank,	<u>21.66.</u>	<u>73.</u>
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	After peak tank,	<u>7.88.</u>	<u>16.</u>
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, aft,	<u>7.33.</u>	<u>9.</u>
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, forward, <u>Nº 1.</u>	<u>58.66</u>	<u>88.</u>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Total capacity of double bottom		<u>200.</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 1852

Date 22.1.36.

Dates of Surveys held while building

1936. March 11. 17. 27. April. 1. 9. 13. 28. May. 1. 5. 12. 19. 26. 29.
June. 2. 4. 5. 9. 10. 18. 24. 26. 29. July. 3. 6. 7. 10. 14. 15. 17. 24. 27.
August. 3. 4. 10. 18. 27. 28. 31.

Total No. of Visits 38.