

STEEL STEAMER or MOTORSHIP.

Received at London Office

17 AUG 1925

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 *5/8/25*Port of *Newcastle-on-Tyne* No. *79467*Survey held at *Walker, Newcastle* Date First Survey *15 April 1924* Last Survey *16 July 1925*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *SINGLE SCREW STEAMER "HUMBER ARM"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Complete superstructure with tonnage openings* State Type of Erections *Freeboard*TONNAGE under Tonnage Deck... *5243.41*CLASS *+100A1*State if with freeboard as condition of Class *yes*Built at *Walker, Newcastle-on-Tyne*Do. of space or spaces between Tonnage Dk. *41.143.89*
and Upper Dk. *HAVES 356.83*
*NOTEN 13.45*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 422.00*Launched *25th Jan. 1925* Yard No. *1000*Builders *Sir W. G. Armstrong, Whitworth & Co. Ld.*

Total

Breadth (greatest moulded) *B 56.00*Owners *Newfoundland Export & Shipping Co.*Gross Tonnage *5454.68*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 39.00*Managers *James, Smith & Co.*

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

Register Tonnage *3504.00*1st Longitudinal Number (L x D) *= 16458.0*2nd Numeral L x (B + D) *= 40090.0*

Residence

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See Sec. 3 (1d) *19.83*Port of Registry *St John's N.F.L.*Length *424.90*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.82*

If surveyed while building, afloat, or in dry dock

Breadth *56.35*Do. Long Bridge to top of keel *26.93 1/4**Building, & in Dry Dock*Depth *28.60*

Draught Moulded

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.
AMES, Spacing amidships	28	✓	Bracket Floors, Frame	✓	✓
" " from 1/2 length to Collision bulkhead	16	✓	" " Reversed Frame	✓	✓
" " in peaks	14 FORE. 16 AFT.	✓	" " Vertical Struts	✓	✓
DE FRAMING.			Centre Girder, depth and thickness amidships	44 1/2 .59	✓
Frame Amidships, Angle, E or C	11 3 1/2 .61	✓	" " top Angles	3 1/2 3 1/2 .55	✓
" " Extends up to	3rd deck	✓	" " bottom Angles	5 5 .63	✓
Reversed Frame Amidships, Angle	✓	✓	Side Girders, No. each side and thickness	one .43	✓
" " Extends up to	✓	✓	Margin Plate depth (excl. of flange) and thickness	3 1/2 .55	✓
Depth of Framing Girder	11	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 .47	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	7 1/2 3 1/2 .42 OR .45 3 1/2 .36 OR .42	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	2.5 5 .45	✓
" " Second 'tween Decks, Angle, E or C	7 1/2 3 1/2 .42 OR .45	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	Tank top extended to fore peaks as shown in section	✓
" " Third " " "	✓	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	✓
Framing in Peaks, Angle or C	8 3 1/2 .42	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	7 1/2 .43	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5 1/4	✓		53 B.S.	
State if Frame Joggled	yes	✓	INNER BOTTOM PLATING.		
ANTING ARRANGEMENTS (Sec. 7), state system and particulars	Closely spaced frames & stringers as plan.	✓	Breadth and thickness of Middle Line Strake	5 1/2 .53	✓
TRENGTHENING OF BOTTOM FORWARD. State Particulars	as per plan.	✓	Thickness of remainder in Holds	.45	✓
INGLE BOTTOM.			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	✓
Floors, Depth and thickness at mid-line in Holds	✓	✓	BEAMS.		
Height of Brackets at side above base line at toe of frame	✓	✓	Uppermost Continuous Deck, amidships in Wells, Angle, E or C	8 3 .40	✓
Middle Line Keelson, on Floors, Angles, E or C	✓	✓	" " in way of Bridge, Angle, E or C	✓	✓
" " Through Plate or Intercoastal Plate	✓	✓	Spacing	every frame	✓
" " Foundation Plate on Floors	✓	✓	Second Deck, amidships, Angle, E or C	8 1/2 3 .42	✓
" " Flat Plate Keel Angles	✓	✓	Spacing	every frame	✓
Side Keelsons, No. each side	✓	✓	Third Deck, amidships, Angle, E or C	8 1/2 3 .42	✓
" " thickness of Intercoastal Plate	✓	✓	Spacing	every frame	✓
" " Angles	✓	✓	Fourth Deck, amidships, Angle, E or C	✓	✓
DOUBLE BOTTOM.			Spacing	✓	✓
Solid Floors, thickness and spacing	43 every frame	✓	Poop Deck, Angle, E or C	✓	✓
" " Are Frame and Reversed Frame joggled?	yes	✓	Spacing	✓	✓
Bracket Floors, breadth and thickness at middle line	none	✓	Bridge Deck, Angle, E or C	✓	✓
" " breadth and thickness at margin plate	✓	✓	Spacing	✓	✓
			Forecastle Deck, Angle, E or C	9 1/2 3 1/2 .56	✓
			Spacing	all frames	✓

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		✓	Stringer Plate, breadth and thickness in way of Bridge	✓		
„ in 'tween Decks, Size and Spacing.....	6 1/2 spaces as plan		✓	Thickness of Plating abreast Deck openings in way of Wells	3/4	✓	
„ „ „ „ „			✓	Thickness of Plating abreast Deck openings in way of Bridge	✓		
„ in Holds „ „	18 ft. spaces as plan		✓	Thickness of Plating within line of openings...	3/4	✓	
„ „ „ „ „			✓	If Sheathed, material and thickness	spaces	✓	
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....	None.		✓	Stringer Plate, breadth and thickness.....	48 1/2 - 40	✓	
Plating, thickness of	✓		✓	If Plated, state thickness.....	3/4	✓	
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....	✓		
Stringer Plate, breadth and thickness in Wells	61 - 62		✓	If Plated, state thickness	✓		
„ „ „ „ in way of Bridge			✓	Poop Deck.			
„ Angle in Wells	6 6 - 62	✓		Stringer Plate, breadth and thickness	✓		
Thickness of Plating abreast Deck openings in way of Wells	✓		✓	Plating, Sheathing, material and thickness ...	✓		
Thickness of Plating abreast Deck openings in way of Bridge	40	✓		Bridge Deck.			
Thickness of Plating within line of openings...	40	✓		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...	48 1/2 - 41	✓		Stringer Plate, breadth and thickness.....	35 - 36	✓	
				Plating, Sheathing, material and thickness ...	36	✓	

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No</i> State if jogged?			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>53½</i>	<i>.82</i>	<i>.82</i>	<i>.72</i>	/	<i>Double</i>	<i>1</i>	<i>4</i>	<i>Four</i>	<i>1</i>	<i>3¾</i>	<i>Lapped</i>
" DBLG. (if any)	✓	✓		✓					✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes <i>41.78</i>	<i>70.72</i>	<i>.64</i>	<i>.64</i>	<i>.64</i>	/		<i>7/8</i>	<i>3½</i>	<i>Four</i>	<i>7/8</i>	<i>3½</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes <i>58</i>	<i>64</i>	<i>.625</i>	<i>.625</i>	<i>.625</i>	/	"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes <i>61.72</i>	<i>62</i>	<i>.64</i>	<i>.625</i>	<i>.625</i>	/	"	<i>5/8</i>	<i>3½</i>	"	"	"	<i>Strapped</i>
UPPER DECK, Sheer-strake in Wells..... <i>66</i>	<i>70</i>	<i>.70</i>	<i>.70</i>	<i>.48</i>	/	"	<i>7/8</i>	<i>3½</i>	"	<i>7/8</i>	"	<i>Lapped</i>
UPPER DECK, Sheer-strake in Bridge ... ✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
STRAKE BELOW SHEER-strake in Wells..... <i>71</i>	<i>70</i>	<i>.70</i>	<i>.70</i>	<i>.70</i>	/	<i>Double</i>	<i>7/8</i>	<i>3½</i>	<i>Four</i>	<i>7/8</i>	<i>3½</i>	<i>Lapped</i>
STRAKE BELOW SHEER-strake in Bridge ... ✓	✓	✓	✓	✓		✓						
POOP SIDE PLATING	✓	✓	✓	✓		✓						
BRIDGE SIDE PLATING ... ✓	✓	✓	✓	✓		✓						
FORECASTLE SIDE PLATING <i>43</i>	<i>50</i>	<i>.50</i>	<i>.50</i>	<i>.50</i>	/	<i>Single</i>	<i>¾</i>	<i>3</i>	<i>Two</i>	<i>¾</i>	<i>2⅝</i>	<i>Lapped</i>

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	8.
Extending to Upper Deck (Sec. 3 c).....	1..
" " Deck next below.....	6.
" " " " "	1.
As per Rule.....	2.

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	FLAT PLATE.	✓	✓
STEM	✓	CAST STL. SHARPED SKIDF WKS	✓	✓
STERN FRAME {	Propeller Post	13" 10 1/2"	DERLINGTON FORGE.	✓
	Rudder "	" " 11" x 10 1/2"	✓	✓
RUDDER—A x D	✓	185" x 4' 7 1/2" = 872	✓	✓
Speed of Vessel	✓	12 KNOTS.	✓	✓
RUDDER mainpiece at head	✓	FORGED STL 14 1/2"	DERLINGTON FORGE	✓
" " heel	✓	CAST STL 10 3/4" x 11"	✓	✓
✓ " how constructed	✓			✓
✓ " double or single plate	✓	SINGLE PLATE.	✓	✓
✓ " coupling, vertical 'or'	✓			
✓ " horizontal	✓	VERTICAL.		

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *S. M. Open Heart*
S. Durlain & Co.; Dorman Long & Co.; Balcan Vaughan & Co.; Pearson & Partners, Calcutta
 STEEL. *Fluct.; Raine & Co.; D. Catville & Co.*
 Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No. 40876										LETTER 67		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.	Cwts.			
15835	1st Bower ...	41	3	-	54	55	-	54	5	-	-	72-2-0	Hall's type C.S.H.	Mountford	Cff 31.12.24 G. Jones
15829	2nd " ...	41	2	-	"	"	"	54	5	-	-	72-2-0	" " "	Phillips & L.	" 29.12.24 "
15830	3rd " ...	66	1	4	"	"	"	51	7	-	-	62-0-0	" " "	Do.	" " "
	Collective weight.	209	2	4								207-0-0			
15828	Stream	24	0	0	6	2	0					20-2-0	Rodger	✓	Cff 29.12.24 "

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.	Statio- tory.	Break- ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.	Tons.		Length.	Cir.
	Fathoms.	Ins.			Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.			Fathoms.	Ins.
28210	300	2 1/8	101.5	142	1852.3	14	844.1	0	300	2 1/8	Stud Mountford	Cff 18.12.24 G. Jones	TOWLINE	130	3 1/2	88		130	3 1/2
											Phillips & Co. L.		HAWSERS & WARPS	90	3 1/2	26			
													"	90	3	18			
Lean Stream Chain-Steel Wire	120	5	49						120	5	G.S.W. W.B. Brown & Co. Makers		"	40	100	8		40	100
											Liverpool		"	40	100	8			

Steering Gear, Steam *Dunkin & Co.*, Steering Gear, Hand *Dunkin & Co.*

Boats *4 @ 25'-0"*, Steering Chains, Size and Test *None*, Windlass *Clarke Chapman & Co.*

Ceiling in Holds, thickness and material *2 1/2" up.*, Cargo Battens, thickness, material and spacing *6" x 2" up. 8"*

Cargo Hatchways. (Upper Deck) *stud comingles & angles*, Thickness of Hatches *2 1/2"*

Size of No. 1 Hatchway (Forward) *21'-4" x 18'-0"* No. 2 *30'-0" x 8'-0"* No. 3 *14'-0" x 18'-0"* No. 4 *14'-0" x 18'-0"* No. 5 *30'-4" x 18'-0"* No. 6 *22'-0" x 18'-0"*

Number of Shifting Beams and/or Fore and Afters *N°1 = 4 : N°2 = 6 : N°3 = 2 : N°4 = 2 : N°5 = 6 : N°6 = 4.*

SIR W. G. ARMSTRONG, WHITWORTH & CO. LD.

Builder's Signature

H. G. Williams

GENERAL MANAGER,

GENERAL DECLARATION

This vessel has been constructed in accordance with the approved plans, the Secretary's letters and in general conformity with the Society's Revised Rules (with Owners' consent).

The vessel is specially strengthened for navigation in ice.

The materials and workmanship are good.

Weather decks, wt. bulkheads, shaft tunnel and wt. decks have been spec. tested. Hand pumps have been tested.

All double bottom tanks, peak tanks and deep tanks have been tested as required by the Rules.

The freeboard marking has been verified.

The approved plans (18 in. unaltered) and midship section of vessel as built are forwarded herewith, and should be returned for dealing with sister vessel.

The amount of Entry Fee £ 9 : - : -

Special Survey Fee.... £343 : 19 : 0

Travelling Expenses, if any £ 11 : - : -

Fees applied for,
-5 AUG 1925
19

Received by me,
25/8/25
19

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

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

Signature

R. Langlands

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Date of issue

20/8/25

Committee's Minute

FRI. 14 AUG 1925

Character assigned

100A1

with freeboard

Strengthened for navigation in ice

Lloyd's A.S.B.O.

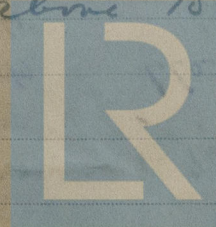
Louis & Co.

My

RETURN

+ L.N.B. 725.C.L. & D.

Filed for oil fuel 7.25
F.P. above 150° F.



© 2020

Lloyd's Register Foundation

20404-011(212)

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.)

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

1st Bower

45.7.0 D.D.W. 5710 28.3.23

2nd "

45.3.0 " 5400 24.3.23

3rd "

45.0.0 L.R. 5610 26.9.22

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 49.6 (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). 3 decks: steel.

Official No. The assigned Signal Letters

Is bottom of Vessel coated with cement ☒ if not give particulars of composition

CEMENT IN ALL D.B. TANKS FLUSHING INSIDE STRAKES BUT IN TANK UNDER ENGINES LEVELLED OVER ALL BOTTOM RIVETS

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	121.55	318	Fore peak tank,	29.5	222
Double bottom, under Engines and Boilers,			After peak tank,	22.25	169
Double bottom, if under Engines only,	28.0	126	Deep tank, aft,	28.0	864
Double bottom, if under Boilers only, OIL FUEL ONLY			Deep tank, forward,	30.23	1014
Double bottom, forward,	160.47	468	Other tanks, if fitted, OIL FUEL ONLY UNDER BOILERS	24.2	169
	310.00	912	(If necessary, furnish further information by sketch.)		
	37				
	307				

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

Order for Special Survey No. 5077

Date

13.6.24

Dates of Surveys held while building

1924

Apr. 15. 16. 23. 24. 28. 30. May 6. 9. 13. 26. 28. 30. June 10. 11. 20. July 2. 8. Aug. 2. 21. 25. 26. 27. Sept. 2. 3. 9. 12. 15. 16. 18. 22. 24.

Oct. 1. 3. 9. 17. 24. 25. 28. 30. 31. Nov. 3. 5. 6. 10. 11. 12. 14. 26. Dec. 4. 5. 9. 16. 19. Jan. 13. 16. 20. 23. 25. 27. Mar. 10. 11. 13. 16. 17. 18. 19.

23. 26. Apr. 2. 6. 7. 9. 22. 28. 29. May 4. 11. 20. 25. June 10. July 10. 14. 15. 16.

Total No. of Visits 86.