

STEEL STEAMER or MOTORSHIP.

Received at London Office 25 SEP 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 *24/9/25*Port of *NEWCASTLE-ON-TYNE*No. *79635*Survey held at *Newcastle-on-Tyne*Date First Survey *7th May 1924*Last Survey *23rd September 1925*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *S. S. "HISWORTH." Machinery Aft, Single Screw.*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling*State Type of Erections *R. & O. New OK.*TONNAGE under Tonnage Deck... *1527.60*CLASS *+100 A1*State if with freeboard as condition of Class *No*Built at *Pelaw.*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 274.75*Breadth (greatest moulded) *B 39.66*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 20.16*1st Longitudinal Number (L x D) *= 5538.96*2nd Numeral L x (B + D) *= 16435.54*Framing Depth "d," at middle of length. See Sec. 3 (1d) *16.52 U.O. 20.85 R.Q.O.*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.62*Do. R.Q.O. Long Bridge to top of keel *11.21*Draught Moulded *18' 2 1/2"*Launched *Nov. 27th 1924* Yard No. *237*Builders *Wood Skinner & Co Ld.*Owners *R. S. Dalgleish*Managers *✓*

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

Residence *Sandhill Newcastle-on-Tyne.*Port of Registry *Newcastle.*If surveyed while building *✓* afloat, *✓* or in dry dock.*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	27	<i>as appd.</i>	Bracket Floors, Frame	✓	✓
" " from 1/2 length to Collision bulkhead.....	27 & 23 1/2	✓ <i>0°</i>	" " Reversed Frame.....	✓	✓
" " in peaks.....	<i>AP. 24. FP 23 1/2</i>	✓ <i>0°</i>	" " Vertical Struts.....	✓	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	39 x .40	<i>As appd.</i>
Frame Amidships, Angle, <i>E</i> or <i>C</i>	<i>U.O. 8 1/2 x 3 x .44</i>	✓	" " top Angles.....	<i>Double 3 3 .41.</i>	<i>0°</i>
" " Extends up to.....	<i>R.Q.O. 10 x 3 1/2 x .47</i>	✓ <i>0°</i>	" " bottom Angles.....	<i>Double 8 1/2 x 3 1/2 .45</i>	<i>As appd.</i>
Reversed Frame Amidships, Angle.....	<i>Upper & R.Q.O.s</i>	<i>0°</i>	Side Girders, No. each side and thickness	<i>One .33</i>	<i>as appd.</i>
" " Extends up to.....	<i>Bulb Angle Framing</i>		Margin Plate depth (excl. of flange) and thickness.....	38 1/2 x .41	<i>0°</i>
Depth of Framing Girder.....	<i>10 & 8 1/2 and as approved.</i>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem.....	3 3 .33	<i>0°</i>
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>C</i>	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem.....	<i>Double Angles 5 Tank 6 1/2</i>	
" " Second 'tween Decks, Angle, <i>E</i> or <i>C</i>	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	3 x 3 x .33 from	<i>0°</i>
" " Third " " " ".....	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem.....	105-115	
Framing in Peaks, Angle or <i>E</i>	<i>6 x 3 x .30</i>	<i>As appd.</i>	Tank Side Brackets, height above base line at toe of Frame and thickness	30" x .36	<i>0°</i>
Diameter and Spacing of Rivets through Shell Plating.....	<i>3/4" 5 1/4" apart where allowed.</i>	<i>0°</i>	INNER BOTTOM PLATING.		
State if Frame Joggled.....	<i>Yes.</i>	<i>0°</i>	Breadth and thickness of Middle Line Strake...	60 x .50	<i>44 1/2 x .50</i>
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)	<i>Closely spaced frames and side stringers</i>	<i>0°</i>	Thickness of remainder in Holds.....	.50	<i>as appd.</i>
STRENGTHENING OF BOTTOM FORWARD. State Particulars.....	<i>Double frames on bottom & additional side girders.</i>	<i>0°</i>	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?.....	<i>Yes.</i>	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds.....			Uppermost Continuous Deck, amidships in Wells, Angle, <i>E</i> or <i>C</i>	7 1/2 x 3 1/2 x .40	<i>As appd.</i>
Height of Brackets at side above base line at toe of frame.....			" " " in way of Bridge, Angle, <i>E</i> or <i>C</i>	8 1/2 x 3 1/2 x .40 in way of Dup tank	<i>as appd.</i>
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>C</i>			Hatch Sides <i>E</i> or <i>E</i>	5 3 1/2 x .34	<i>as appd.</i>
" " " Through Plate or Intercostal Plate.....			Spacing.....	<i>Every frame</i>	<i>0°</i>
" " " Foundation Plate on Floors.....			R.Q.		
" " " Flat Plate Keel Angles.....			Second Deck, amidships, Angle, <i>E</i> or <i>C</i>	7 1/2 3 1/2 .39	<i>0°</i>
Side Keelsons, No. each side.....			Spacing.....	<i>Hatch Sides 5 x 3 1/2 x .34 OA</i>	<i>0°</i>
" " thickness of Intercostal Plate.....			Third Deck, amidships, Angle, <i>E</i> or <i>C</i>	✓	
" " Angles.....			Spacing.....	✓	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <i>E</i> or <i>C</i>	✓	
Solid Floors, thickness and spacing.....	<i>3/4" Every Frame</i>	<i>As appd.</i>	Spacing.....	✓	
" " Are Frame and Reversed Frame joggled?.....	<i>Yes.</i>	<i>0°</i>	Poop Deck, Angle, <i>E</i> or <i>C</i>	✓	
Bracket Floors, breadth and thickness at middle line.....	✓	✓	Spacing.....	✓	
" " breadth and thickness at margin plate.....	✓	✓	Bridge Deck, Angle, <i>E</i> or <i>C</i>	✓	
			Spacing.....	✓	
			Forecastle Deck, Angle, <i>E</i> or <i>C</i>	<i>6 x 3 x .34 and as appd.</i>	<i>as appd.</i>
			Spacing.....	<i>Every frame</i>	<i>do.</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.....	<i>One</i>		✓	Stringer Plate, breadth and thickness in way of Bridge	✓		
" in 'tween Decks, Size and Spacing.....	<i>2 1/2 dia. alt in Fcld. 2 7/8" diam space below.</i>	<i>as appd</i>	✓	Thickness of Plating abreast Deck openings) in way of Wells	✓	<i>.63</i>	<i>as appd</i>
" " " " " "	<i>space below.</i>	<i>0°</i>	✓	Thickness of Plating abreast Deck openings) in way of Bridge <i>Casings</i>	✓	<i>.34</i>	<i>0°</i>
" in Holds " " " "	<i>Deep Beam</i>	<i>0°</i>	✓	If Sheathed, material and thickness	✓	<i>2 1/2 P.P. over accomm.</i>	<i>0°</i>
" " " " " "	<i>Knees and Brackets on middle line.</i>	<i>0°</i>	✓	Third Deck.			
Centre Line Bulkhead.				Stringer Plate, breadth and thickness.....	✓		
Stiffeners and Spacing.....	✓		✓	If Plated, state thickness.....			
Plating, thickness of	✓		✓	Fourth Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness.....	✓		
Uppermost Continuous Deck.				If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells	<i>78 x .82</i>	<i>as appd</i>	✓	Poop Deck.			
" " " " " " <i>Deep Tank</i>	<i>(Red) .37</i>	✓	✓	Stringer Plate, breadth and thickness	✓		
Deck " " " in way of Bridge				Plating, Sheathing, material and thickness ..			
" Angle in Wells	<i>6 6 .66</i>	<i>0°</i>	✓	Bridge Deck.			
Thickness of Plating abreast Deck openings) in way of Wells	<i>.82 — .64</i>	<i>0°</i>	✓	Stringer Plate, breadth and thickness.....	✓		
Thickness of Plating abreast Deck openings) in way of Bridge	✓		✓	Plating, Sheathing, material and thickness ...			
If Sheathed, material and thickness	✓		✓	Forecastle Deck.			
<i>R.Q</i>				Stringer Plate, breadth and thickness.....		<i>45 x .32</i>	<i>26 x .32</i>
Second Deck.				Plating, Sheathing, material and thickness ...	✓	<i>.31. 2 1/2" P.P. sheathing.</i>	
Stringer Plate, breadth and thickness in Wells...	<i>76 x .63</i>	<i>as appd</i>	✓				

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.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	44	.58	.54	.54	as appd.	Double.	7/8	3 3/8	Treble.	7/8	3 1/2	Double Strake
„ DBLG. (if any)	✓					✓						
BOTTOM PLATING, No. of Strakes	3 @	.50	.42	.44	0°	Double.	3/4	3	Treble	3/4	2 5/8	Lapped
BILGE PLATING, No. of Strakes	1 @	.50	.40	.44	0°	0°	3/4	3	0°	“	“	0°
SIDE PLATING, No. of Strakes	2 @	.52	.42	.46 + .42	0°	{ 0° and 0°	3/4 7/8	3 3 3/8	0°	“	“	0°
UPPER DECK, Sheer-strake in Wells.....	47	.66	.42	.42	0°	✓			Quad	7/8	3 1/2	0°
UPPER DECK, Sheer-strake in Bridge ...	54	.54		.42	0°	✓			Treble	“	3 1/8	0°
STRAKE BELOW Sheer-strake in Wells.....	47	.58	.42	.42	0°	Double	7/8	3 3/8	0°	“	“	0°
STRAKE BELOW Sheer-strake in Bridge ...	✓				✓							
POOP SIDE PLATING	✓				✓							
BRIDGE SIDE PLATING ...	✓				✓							
FORE'TLE SIDE PLATING			.34		0°	Single	3/4	3	Double.	7/8	3 1/8	Lapped.

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c).....5

Deck next below.

As per Rule 4

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Tween decks ...						
"	"	N ^{<u>o</u>} 33	.44-.26	110 ^{<u>z</u>} x32x46	30	None ✓
"	"	" " 68	.35-.30	111x32x50	24	0° ✓
"	"	" " 72	.35-.30	111x32x50	24	0° ✓
"	"	" "	Wash plates as approved.			
"	"	" "				
"	"	" "				
"	"	" "				
"	"	Holds				
COLLISION	"	(in Hold)40-.26	17x3x40	24	Semi Box Beams.
				4x3x.30 OA.	24	above Peak tank to
AFTER PEAK	"	"45-.30	17x3x40	24	Cabin Flap

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>Flat Plate Keel.</i>			✓
STEM		✓ $7\frac{1}{2} \times 2\frac{1}{8}$	<i>Colville</i>	✓ <i>as appd.</i>
STERN FRAME {	Propeller Post	✓ <i>Forging</i> $8 \times 5\frac{1}{2}$	<i>T.S. Forster</i>	✓ <i>0.</i>
	Rudder ,,	✓ $7\frac{1}{4} \times 5\frac{1}{2}$	<i>Sons. Sld.</i>	✓ <i>0.</i>
RUDDER—A × D		✓ <i>223.54</i>		✓ <i>0.</i>
Speed of Vessel	<i>Under</i>	✓ <i>10 Knots</i>	✓	
RUDDER mainpiece at head ...	✓ <i>Forging</i>	✓ <i>8</i>	✓ <i>0.</i>	
✓ " " heel ...		✓ <i>6</i>	✓	
✓ " how constructed	✓ <i>Forged & Built</i>		✓	
✓ " double or single plate		✓ <i>.98</i>	✓	
✓ " coupling, vertical or				
horizontal	✓ <i>Horizontal</i>		✓	

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the

Vessel (state process of manufacture) *open hearth.*

Cargo Fleet Dorman Long, Skinningrove, Bolckow Vaughan, S. Durham.

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

EQUIPMENT No. 17546

LETTER T

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.				
28340	1st Bower ...	35	2	21	Stockless			32	18	3	0	35½		Byers Improved.	Not stated	Sld. 1.8.24 W.H. Liebrecht.
28347	2nd „ ...	35	2	14	Do			32	16	3	14	35½		Do	Do	Do 6.8.24 Do
28360	3rd „ ...	30	1	14	Do			28	18	0	14	30		Do	Do	Do 13.8.24 Do
	Collective weight.	101	2	21								101				
58368	Stream	9	2	17	2	1	18	11	13	1	21	9¼		Rodgers	N. Bloomer & Sons	Tipton 29.8.24 M.A. Drysdale.

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.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
59188	Fathoms. 240/3	Ins. 1 3/4	Tons. 558	Tons. 778	Cwts. gra. lbs. 370 - 2 - 17	Cwts. 370 1/2	Fathoms. 240	Ins. 1 3/4	Slud Link	N. Bloomer & Sons.	Tipton 30.9.24	TOWLINE...	Fathoms. 90	Ins. 3 1/2	Tons. 26	Fathoms. 90	Ins. 3 1/2
Iron Stream } Chain or } Steel Wire }	✓	✓	✓	✓	✓	✓	✓	✓			W. A. Drysdale.	HAWSERS } & WARPS }	2-90	2 1/4	9 1/2	2-90	2 1/4
	75	Cir. 4	33	-	-	-	75	Cir. 4	G.S.W.R.	Hendon Rope Works.	✓	"	2-90	6"	✓	90	6
												"	"	2-90	5"	✓	90

Steering Gear, Steam Donkin & Co. Ltd.

Steering Gear, Hand Crawford & Sons

Boats Two Lifeboats 21'0" and one Steering Chains, Size and Test 1" dia. 12 Tons

Windlass Clarke Chapman.

Ceiling in Holds, thickness and material 2½ W.W. over Bilges only

Cargo Battens, thickness, material and spacing 6x1½. 9" clear.

Cargo Hatchways.—(Upper Deck) Two on Well Deck & Two on R. & B. Deck.

Thickness of Hatches 3"

Size of No. 1 Hatchway (Forward) 31'8" x 26'12" No. 2 32'0" x 26'0" No. 3 28'7½" x 26'0" No. 4 28'7½" x 26'0" No. 5 ✓

No. 6 ✓

Number of Shifting Beams and/or Fore and Afters 5 to all hatchways.

WOOD, SKINNER & CO., LIMITED.

Builder's Signature

General Manager.

GENERAL DECLARATION This Vessel has been built in accordance with the approved Plans & instructions and the Rules.

The materials & workmanship are good.

The freeboard assigned has been verified and the freeboard marks cut in on the Vessel's Sides.

The Double Bottom tanks, Peak tanks, Deep tanks, Weather decks & Bulkheads have been Satisfactorily Tested.

The amount of Entry Fee £ 5 : - : -

Fees applied for,

Special Survey Fee.... £ 1/4 : 5 : -

Travelling Expenses, if any £ : : -

Received by me,

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

State whether the Vessel has been built under Special Survey ✓

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Date of issue

NEWCASTLE-ON-TYNE

29/9/25

Committee's Minute

TUES. 29 SEP 1925

Character assigned

100A1

Lloyd's Register

+ L.M.B. 9.25
C.L.

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Lloyd's Register
Foundation

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.)

Midship Section
Profile
Decks.
Stern frame & Rudder
Pumping Arrangements.
Framing Poles.
Modification to Hatch Stays
Modification to Masts.
Framing Repairs

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	wt. incl Pin.	22-1-21	C.B.	5495.	16.5.24
	2nd "	" " "	22-1-14	C.B.	5476	9.5.24
	3rd "	" " "	19.3.0	C.B.	5731	23.6.24

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 165.6 ft., Bridge ✓ ft., Forecastle 28.94 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) One Ok. Steel Well Deck.
Official No. 148137 ; Signal Letters
If bottom of Vessel has been coated Inside Yes give particulars of composition Cement on bottom throughout.

PARTICULARS OF WATER BALLAST.—					
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓	✓	Fore peak tank,		123
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,		64
Double bottom, if under Engines only,	22.5	30	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward, Midships	9.0	203
Double bottom, forward,	186.37	549	Other tanks, if fitted,		
	Total capacity of double bottom	579	(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. 5080

Date 13/6/24

Dates of Surveys held while building
1924
May 7. 13. 23. June 11. July 2. 8. 31. Aug. 7. 18. 22. Sept. 3. 16. 17. 25. Oct. 8. 14. 16. 17. 20. 22. 27. 28. 29. 31.
1925
Nov. 6. 7. 11. 12. 17. 19. Dec. 15. 17. 29. Jan. 7. 20. 26. 29. Feb. 3. Apr. 7. July 15. 16. Sep. 18. 22.

Total No. of Visits 43

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