

## STEEL STEAMER or MOTORSHIP.

Received at London Office

6425321

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 *2/4/27*Port of *Newcastle-on-Tyne*No. *81191*Survey held at *Hebburn-on-Tyne*Date First Survey *16 Sept 1920*Last Survey *28 March 1927**1927*

On the

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

*Single Sc. STL STEAMER**"HEDGEHOPE"*

State Type

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

*Full Scantling*

(1914-20 Rules)

State Type of Erections

*P.B.+F*

TONNAGE under Tonnage Deck...

*4285.34*CLASS *+100A1*

State if with freeboard as condition of Class

*without*

Built at

*Hebburn-on-Tyne*

Launched

*4th March 1927*

Yard No.

*9220*

Builders

*Palmer's S.B. & Co. Ltd*

Owners

*Medomsley SS Co.*

Managers

*F. Carrick & Co.*

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

Residence

*Newcastle*

Port of Registry

*Newcastle*

If surveyed while building, afloat, or in dry dock

*Building and afloat.*

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

*4285.34*

Gross Tonnage

*4524.32*

Register Tonnage

*2808.04*

REGISTERED DIMENSIONS. FEET.

Length

*386.3*

Breadth

*52.75*

Depth

*26.0*

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L *386.0*

Breadth (greatest moulded)

B *52.5*

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

D *28.5*

TRANSVERSE NUMBER

*81.0*

1st Longitudinal Number (L x D)

*31266.0*

LONGIT. NUMBER

2nd Numeral L x (B + D)

*31266.0*

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

*under 25.0*

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

*13.5*

Do. Long Bridge to top of keel

*10.7*

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.
FRAMES, Spacing amidships	<i>25 1/2</i>		Bracket Floors, Frame	<i>BA 9 3 1/2 56</i>	
" " from 1/4 length to Collision bulkhead	<i>25 1/2</i>		" " Reversed Frame	<i>BA 8 1/2 3 42</i>	
" " in peaks	<i>24</i>		" " Vertical Struts	<i>BA 8 1/2 3 42</i>	
DE FRAMING.			Centre Girder, depth and thickness amidships	<i>42 50</i>	
Frame Amidships, Angle, <i>E</i> or <i>C</i>	<i>12 3 1/2 62</i>		" " top Angles	<i>single 6 6 60</i>	
" " Extends up to	<i>upper + Bridge decks alternately</i>		" " bottom Angles	<i>single 6 6 72</i>	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	<i>one 40</i>	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	<i>38 1/2 46</i>	
Depth of Framing Girder	<i>12</i>		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>5 5 52</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>C</i> or <i>E</i>			" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	<i>same</i>	
" " Second 'tween Decks, Angle, <i>C</i> or <i>E</i>			" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>40 plate</i>	<i>one plate taking every pair of frames</i>
" " Third " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem	<i>" "</i>	<i>" "</i>
Framing in Peaks, Angle or <i>C</i>	<i>7 3 1/2 42</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>5-10" 40</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships			INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Yes</i>		Breadth and thickness of Middle Line Strake	<i>42 x 58</i>	
PLATING ARRANGEMENTS (Sec. 7), state system and particulars	<i>3 side stringers 36" x 44</i> <i>2 web frames 36" x 56</i>		Thickness of remainder in Holds	<i>50</i>	<i>increased under hatchways - no cutting laid</i>
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>as plan - additional girder half girders midships, thickness bottom plating, double bottom frames</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>	
DOUBLE 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>	<i>9 3 1/2 52</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>	<i>9 3 1/2 52</i>	
Middle Line Keelson, on Floors, Angles, <i>C</i> or <i>E</i>			Spacing	<i>every frame</i>	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, <i>C</i> or <i>E</i>		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, <i>C</i> or <i>E</i>		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, <i>C</i> or <i>E</i>		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <i>E</i> or <i>C</i>	<i>7 3 40</i>	
Solid Floors, thickness and spacing	<i>42 every 3rd frame</i>		Spacing	<i>every frame</i>	
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>		Bridge Deck, Angle, <i>E</i> or <i>C</i>	<i>8 1/2 3 1/2 50</i>	
Bracket Floors, breadth and thickness at middle line	<i>32 1/2 x 40</i>		Spacing	<i>every frame</i>	
" " breadth and thickness at margin plate	<i>3-2 1/2 x 40</i>		Forecastle Deck, Angle, <i>E</i> or <i>C</i>	<i>7 3 42</i>	
			Spacing	<i>every frame</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.
<b>PILLARS, No. of Rows.....</b>									
"    in 'tween Decks, Size and Spacing.....									
"    "    "    "    "    "									
"    in Holds					<i>Centre line bulkhead as per plan</i>				
"    "    "    "    "    "									
<b>Centre Line Bulkhead.</b>									
Stiffeners and Spacing.....	<i>57" space</i>	<i>12</i>	<i>3 1/2</i>	<i>45</i>	<i>BA + as appd</i>				
Plating, thickness of .....			<i>30</i>		<i>(see plan)</i>				
<b>STRINGERS AND DECKS.</b>									
<b>Uppermost Continuous Deck.</b>									
Stringer Plate, breadth and thickness in Wells			<i>59</i>	<i>60</i>					
"    "    "    "    in way of Bridge			<i>59</i>	<i>48</i>					
"    Angle in Wells .....		<i>5</i>	<i>5</i>	<i>68</i>					
Thickness of Plating abreast Deck openings in way of Wells .....			<i>44</i>	<i>38</i>					
Thickness of Plating abreast Deck openings in way of Bridge .....				<i>36</i>					
Thickness of Plating within line of openings...				<i>36</i>					
If Sheathed, material and thickness .....									
<b>Second Deck.</b>									
Stringer Plate, breadth and thickness in Wells...									
Stringer Plate, breadth and thickness in way of Bridge									
Thickness of Plating abreast Deck openings in way of Wells .....									
Thickness of Plating abreast Deck openings in way of Bridge .....									
Thickness of Plating within line of openings...									
If Sheathed, material and thickness .....									
<b>Third Deck.</b>									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness.....									
<b>Fourth Deck.</b>									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness .....									
<b>Poop Deck.</b>									
Stringer Plate, breadth and thickness .....			<i>34</i>	<i>34</i>					
Plating, Sheathing, material and thickness ...				<i>26</i>					
<b>Bridge Deck.</b>									
Stringer Plate, breadth and thickness.....			<i>53</i>	<i>54</i>					
Plating, Sheathing, material and thickness ...				<i>38</i>					
<b>Forecastle Deck.</b>									
Stringer Plate, breadth and thickness.....			<i>34</i>	<i>34</i>					
Plating, Sheathing, material and thickness ...				<i>26</i>	<i>+ 2 1/2 P.P.</i>				

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. 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 .....	47½	.98 ✓	.70 ✓	.70 ✓	✓	double	1⅝	4½"	four	1⅝	4½"	Lapped	
"    DBLG. (if any)												"	
garboard		.62 ✓	.56 ✓	.62 ✓	✓	"	7/8	3½	four	7/8	3½	"	
BOTTOM PLATING, No. } of Strakes .....2....}		.58 ✓	.46 ✓	.62 ✓	✓	"	7/8	"	four	"	"	"	
BILGE PLATING, No. } Strakes .....2....}		.62 ✓	.46 ✓	.62 ✓	✓	"	"	"	four	"	"	"	
SIDE PLATING, No. } Strakes .....3....}		.66 ✓	.44 ✓	.44 ✓	✓	"	"	"	three	"	3⅞	"	
UPPER DECK, Sheer- } strake in Wells.....}	48	.98 ✓	.54 ✓	.44 ✓	✓	—	—	—	five	1⅝	5"	"	
UPPER DECK, Sheer- } strake in Bridge ...}	80	.62 ✓			✓	"	"	"	four	7/8	3½	"	
STRAKE BELOW Sheer- } strake in Wells.....}		.76 ✓	.44 ✓	.44 ✓	✓	"	"	"	four	1"	"	"	
STRAKE BELOW Sheer- } strake in Bridge ...}		.66 ✓			✓				three	7/8	3⅞	"	
POOP SIDE PLATING .....		.38 ✓			✓	single	¾	3"	two	¾	2⅝	"	
BRIDGE SIDE PLATING ...		.66 ✓			✓	double	7/8	3½	four	7/8	3½	"	
FOREC'TLE SIDE PLATING		.40 ✓			✓	single	¾	3"	two	¾	2⅝	"	

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	
Extending to Upper Deck (Sec. 3 c)	<i>6</i>
"    Deck next below	<i>✓</i>
As per Rule	<i>6</i>

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Upper tween decks</b>					
<i>141 taken as type</i>					
"    "    Second .....					
"    "    Third .....					
"    "    Holds .....	<i>26</i>	<i>6 1/2</i>	<i>12</i>	<i>3 1/2</i>	<i>40</i>
<b>COLLISION</b> .....	<i>26</i>	<i>6 1/2</i>	<i>10</i>	<i>3 1/2</i>	<i>24</i>
<b>AFTER PEAK</b> .....	<i>26</i>	<i>6 1/2</i>	<i>8</i>	<i>3 1/4</i>	<i>24</i>

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....				<i>flat plate keel</i>
<b>STEM</b> .....	<i>rolled</i>	<i>10 x 2 3/4</i>	<i>W. Beardmore &amp; Co</i>	
<b>STERN FRAME</b> { Propeller Post .....		<i>10 x 7 1/2</i>		
{ Rudder .....	<i>Forging</i>	<i>9 x 7 1/2</i>	<i>Palmer &amp; Co.</i>	
<b>RUDDER—A x D.....</b>		<i>436 1/4</i>		
<b>Speed of Vessel.....</b>		<i>10 to 12</i>		
<b>RUDDER</b> mainpiece at head ...	<i>Forging</i>	<i>9 1/2"</i>	<i>Forster Son</i>	
"    "    heel ...		<i>7 1/8</i>	<i>Sld</i>	
"    "    how constructed .....			<i>arms shrouns &amp; keyed</i>	
"    "    double or single plate coupling, vertical or horizontal.....		<i>single 1-06"</i>		
		<i>horizontal</i>		

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Bolekov Naughton, S. Durham, Guteshoffnungshütte Oberhausen, Cornwell, Cargo Fleet, Place Partners, Borman Long.*

Has the Steel been tested as required by the Rules? *yes - open hearth process.*

EQUIPMENT No. 33261										LETTER 4		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.	
29780	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Byers Improved Stockless	—	Sld 19.2.27 Butler
29779	2nd „ ...	60	0	0				48	10	0	0		“ “ “		“ “ “
29778	3rd „ ...	50	3	7				42	18	1	21		“ “ “		“ “ “
	Collective weight	170	3	14								170 3/4			
34979	Stream .....	16	0	20	4	0	24	17	9	2	21	16 - 1 - 0	ordinary		C. K. 21.8.20 Paul

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.						
55651	Fathoms. 240. Ins. 2 3/16	Tons. 86 1/2. Break. ing. 120 1/2	Cwts.	qrs.	lbs.	Supplied.	Per Rule.				Fathoms. 120. Ins. 4 3/16	Tons. 47	Fathoms. 120. Ins. 4 3/16						
55828	30 "	" "	73.1.0			653 1-20	645 3/4	270	"	"	2-90 8"	-	2-90 8"						
	90 "	" "									2-90 7"	-	2-90 7"						

Steering Gear, Steam John Hasticlo Steering Gear, Hand Tackles led to winch  
Boats 2, 27' lifeboats 18' cutter 1-16' dinghy Steering Chains, Size and Test 1 7/16 supplied before new rules in force Windlass Clarke Chapman & Co  
Ceiling in Holds, thickness and material None Cargo Battens, thickness, material and spacing 6"x2" W.P. 9" space.  
Cargo Hatchways.-(Upper Deck) Coaming N°1 - 3'3" other weather hatchways 2'6" Thickness of Hatches 2 1/2"  
Size of No. 1 Hatchway (Forward) 29'9"x17' No. 2 38'3"x17' No. 3 10'7 1/2"x17' No. 4 31'10 1/2"x17' No. 5 29'9"x17' No. 6  
Number of Shifting Beams and for Fore and Afters N°1 - 7 beams N°2 - 9 beams N°3 - 2 beams

Builder's Signature

SHIPYARD MANAGER

GENERAL DECLARATION This vessel has been built in accordance with the approved plans the Committee's instructions and the Society's Rules (1919-20). The workmanship and materials are good and to my satisfaction. All ballast tanks + feed tank have been filled and tested to Rule pressure. Weather decks, tunnel, + all watertight bulkheads have been tested by hose. The assigned freeboards have been marked on ships sides, verified and cut in.  
Building of this vessel was commenced in September 1920 and was suspended in February 1921. Work was resumed in November 1926 - the builders having contracted to sell to the present owners with some modifications in design as per subsequently approved plans. In this connection I beg to refer to my letter to the Secretary dated 11<sup>th</sup> Feb<sup>y</sup> 1924 + the reply dated 12<sup>th</sup> Feb<sup>y</sup> 1924. Since then precautions have been taken to my satisfaction by cleaning, oiling + painting to prevent corrosion of the parts erected + on resumption of the work the painting between parts fitted but not

The amount of Entry Fee ..... £ 8 : 0 : 0 Fees applied for, -5 APR 1927  
Special Survey Fee.... £ 301 : 4 : 0 Received by me, 29.4.19  
Travelling Expenses, if any £ 10 : 0 : 0  
State whether the Vessel has been built under Special Survey Yes  
Certificate to be sent to Newcastle Date of issue 30/4/27  
I am of opinion the Vessel should be Classed +100 A1  
Signature G. H. Brown  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

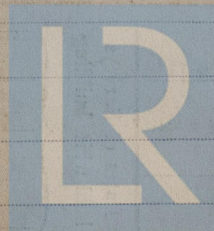
FRI. 8 APR 1921

Character assigned

Lloyd's A.S.C.P.

+ L.M.C. 3.24  
F.D.  
C.L.

M



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Lloyd's Register Foundation

W982-0142 2 1/2

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.)

not then rivetted have been satisfactorily cleaned before rivetting.  
I therefore submit for favourable consideration that the vessel be considered eligible to be classed with a date of build corresponding to the date of actual completion as now reported.

The approved plans are forwarded herewith also a midship section showing scantlings and arrangements of the vessel as finally built.

An amended profile showing the modifications (as regards hatchways, pellinging & centre line bulkhead) from the plan originally approved is also forwarded

*[Signature]*

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

1st Bower	34-3-20	und pm	38-0-14	M.B. Russell	3080	28.1.27.
2nd "	34-3-13	"	38-1-0	K.H.	4331	18.1.27
3rd "	28-3-13	"	31-3-0	M.B.	3069	21.12.26

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 40.1 ft., R.Q.D. — ft., Bridge 23.6 ft., Forecastle 37.7 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not joined*

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *1 dk (stl)*

Official No. *149425*; Signal Letters \_\_\_\_\_ Is bottom of Vessel coated with cement *yes* if not give particulars of composition \_\_\_\_\_

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	119.0	312 SM	Fore peak tank,		99 SM
Double bottom, under Engines and Boilers,			After peak tank,		97 SM
Double bottom, if under Engines only,	27.6	107 FW	Deep tank, aft,		—
Double bottom, if under Boilers only,	21.2	85 SM	Deep tank, forward,		—
Double bottom, forward,	167.8	540 SM	Other tanks, if fitted,		—
Total capacity of double bottom			(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. *4910*

Date *28/5/20*

Dates of Surveys held while building

1920 Sept 16, 28, 29, 30, Oct 25, Nov 9, 18, 19, 22, 26, 29, Dec 1, 22, 23, 1921 Jan 10, 17, 24, 26, Feb 2, 9, 10, 14, Oct 6, Nov 2, 20, 1922 Feb 14, 1924 Feb 11, 1926 Oct 27, 29, Nov 1, 3, 5, 9, 10, 12, 16, 19, 23, 25, 29, Dec 1, 2, 6, 8, 9, 14, 20, 23, 29, 1927 Jan 4, 6, 11, 26, 28, Feb 4, 8, 15, 16, 17, 21, 22, 24, 25, Mar 1, 4, 11, 15, 17, 18, 23, 24, 25, 28.

Total No. of Visits *73*