

STEEL STEAMER or MOTORSHIP.

25 JUL 1929

Received at London Office

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

24.7.29

Port of

NEWCASTLE-ON-TYNE

No. 84508

Survey held at

Helmum-on-Tyne

Date First Survey

7 Jan

Last Survey

8 July

1929

On the

(State if Machinery fitted Aft and

single screw

"LANGLEECRAG"

State Type

(Full Scantling, Complete Superstructure

Complete superstructure with tonnage

State Type of Erections

TONNAGE under

4594.92

CLASS

+100 A1

State if with freeboard

with

Built at

Helmum-on-Tyne

Do. of space or spaces

Total

Gross Tonnage

4908.96

Register Tonnage

2996.98

REGISTERED DIMENSIONS.

FEET.

Length

416.0

Breadth

55.8

Depth

25.2

Length from fore part of stem to after part of stern

L 416.0

Breadth (greatest moulded)

B 55.5

Depth at middle of length from top of keel to top

D 37.0

1st Longitudinal Number (L x D) = 15044

2nd Numeral L x (B + D) = 38076

Framing Depth "d" at middle of length. See

24.33

Proportions—Depth to Length—Uppermost con-

11.21

Do. Long Bridge to top

Draught Moulded

Launched

7th June 1929

Yard No. 991

Builders

Palmers S.B. & S. Co. Ltd.

Owners

Medomsley S.S. Co. Ltd.

Managers

F. Carrick & Co. Ltd.

Residence

Newcastle

Port of Registry

Newcastle

If surveyed while building, afloat, or in dry dock

Building & afloat.

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	31 1/2"	✓	Bracket Floors, Frame	10 3 1/2 40	✓
" " from 1/4 length to Collision	27	✓	" " Reversed Frame	9 3 1/2 50	✓
" " in peaks	24	✓	" " Vertical Struts	9 3 1/2 50	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	49 1/2 52	✓
Frame Amidships, Angle, [or]	12 x 4 x 1/4	✓	" " top Angles	2 3 1/2 54	✓
" " Extends up to	2 nd Stk	✓	" " bottom Angles	2 4 1/2 60	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	one 40	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	49 54	✓
Depth of Framing Girder	12"	✓	" " Vertical Angle to Tank side	5 3 1/2 46	✓
Frames in Uppermost Continuous 'tween			" " Bracket abaft 1/4 len. from stem	6 6 46	✓
Decks, Angle, [or]	6 3 1/2 34	✓	" " Vertical Angle to Tank side	6 6 46	✓
" " Second 'tween Decks, Angle, [or]	✓		" " Bracket forward 1/4 len. from stem	Continuous plate forward	
" " Third " " " "	✓		" " Gussets, spacing and scantling	Continuous plate forward	
Framing in Peaks, Angle or [or]	7 1/2 3 1/2 37	✓	" " Gussets, spacing and scantling	Continuous plate forward	
Diameter and Spacing of Rivets through	7/8" 7 x 6 1/2" dia	✓	Tank Side Brackets, height above base line	6 6 49	✓
Frame and Shell Plating amidships			at toe of Frame and thickness		
State if Frame Joggled	yes	✓	INNER BOTTOM PLATING.		
PANTING ARRANGEMENTS (Sec. 7), state	4 web frames + 3 side struts	✓	Breadth and thickness of Middle Line Strake	52	✓
system and particulars			Thickness of remainder in Holds	44 5 40	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	3 strakes midships thickness additional intercostals double riveted frame bottoms	✓	Are Rule requirements complied with regarding	yes	✓
SINGLE BOTTOM.			increases of scantlings in way of double		
Floors, Depth and thickness at mid-line in			bottom in E. & B. space and framing in		
Holds	✓		Bunkers and Boiler Room?		
Height of Brackets at side above			BEAMS.		
base line at toe of frame			Uppermost Continuous Deck, amidships	10 3 1/2 40	✓
Middle Line Keelson, on Floors, Angles,			in Walls, Angle, [or]		
[or]	✓		" " in way of Bridge, Angle,		
Through Plate or Intercostal Plate	✓		[or]		
Foundation Plate on Floors			Spacing	every frame	✓
Flat Plate Keel Angles			Second Deck, amidships, Angle, [or]	11 3 1/2 56	✓
Side Keelsons, No. each side	✓		Spacing	every frame	✓
" " thickness of Intercostal Plate			Third Deck, amidships, Angle, [or]	✓	
" " Angles			Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or]	✓	
Solid Floors, thickness and spacing	40 every third frame	✓	Spacing		
" " Are Frame and Reversed Frame	yes	✓	Poop Deck, Angle, [or]	✓	
joggled?			Spacing		
Bracket Floors, breadth and thickness at	3 1/2 6" x 40	✓	Bridge Deck, Angle, [or]	✓	
middle line			Spacing		
" " breadth and thickness at	3 1/2 3" x 40	✓	Forecastle Deck, Angle, [or]	✓	
margin plate			Spacing		

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" alternate frames		Thickness of Plating abreast Deck openings in way of Wells36	✓
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge		
„ in Holds „ „	C.L. Bkd		Thickness of Plating within line of openings...	.34	✓
„ „ „ „ „			If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	BA 11 3½ 52	varied with height	Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	32	alternate frames	If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	60 x 52	✓	If Plated, state thickness		
„ „ „ „ in way of Bridge			Poop Deck.		
„ Angle in Wells	66 62	✓	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	52	✓	Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓		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...	72 x 40	✓	Stringer Plate, breadth and thickness	✓	
			Plating, Sheathing, material and thickness ...		

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	7
Extending to Upper Deck (Sec. 3 c)	1
„ Deck next below	6
As per Rule	<i>upper as above</i>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓ <i>Flat Plate</i>		✓	
STEM	✓ <i>Rolled</i>	<i>10x2½</i>	<i>Latham & Sons S. Co</i>	
STERN FRAME {	<i>Propeller Post</i>	<i>Forged</i>	✓	
	<i>Rudder</i>	<i>cast-steel</i>	<i>10 3/8 x 8"</i>	<i>Darlington Forge</i>
			<i>7 x 8"</i>	
RUDDER—A×D	✓ <i>469</i>		✓	
Speed of Vessel	✓ <i>10 knots</i>		✓	
RUDDER mainpiece at head	✓ <i>Forged</i>	<i>9 3/4</i>	✓	
	<i>cast-steel</i>		<i>Darlington Forge</i>	
" " heel	✓	<i>7 3/8</i>		
" how constructed	✓	<i>arms shrunk to keel</i>		<i>addy breaks planes fitted</i>
" double or single plate	✓	<i>single 1.07</i>	✓	<i>rudder post</i>
" coupling, vertical or	✓	<i>horizontal</i>		<i>per plan su beneath</i>

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Borman Long, S. Darnley, Cornet, Batchelor & Co. Steel Co. of Scotland, Glasgow, Peace Partners*
open hearth
Has the Steel been tested as required by the Rules? *Yes.*

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.)

Rpt. 4.

R

CLASS C

These particulars
Letters (if any)

Official Number

161,528.

Date, and Port

her British or
reign Built.

itish

ber of Decks

ber of Masts

ed ...

n ...

d ...

eries ...

d ...

network and

essel ...

PLAN 1

"

"

"

"

"

"

"

"

"

Engl

Plan

2. S

22 E

Invo

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

1st Bower 38-0-21: J.L.: 7063: 13-7-28: Wt. including pin 41-3-7
2nd " 39-2-23: K.H.: 6422: 14-5-29: " " 43-2-21
3rd " 34-3-4: K.H.: 6351: 26-4-29: " " 38-1-0

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 —

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 2 dks (stl)

Official No. 161528; 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,	<u>136.5</u>	<u>487</u>	Fore peak tank,		<u>117</u>
Double bottom, under Engines and Boilers,			After peak tank,		<u>194</u>
Double bottom, if under Engines only, (<u>Feed water</u>)	<u>23.6</u>	<u>130.5W</u>	Deep tank, aft,		
Double bottom, if under Boilers only,	<u>21.0</u>	<u>116</u>	Deep tank, forward,		
Double bottom, forward,	<u>181.5</u>	<u>781</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>1574</u>	(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. 5321

Date 28.2.29

Dates of Surveys
held while building

1929
Jan 7. 9. 11. 14. 16. 22. 31. Feb. 4. 7. 14. 15. 19. 25. Mar. 5. 15. 18. 22. 25. Apr. 3. 8. 10. 16. 25. 26. 29. 30. May 1. 3. 6. 8. 14.
24. 29. June 4. 7. 20. 28. July 1. 3. 8.

Total No. of Visits 40.