

## STEEL STEAMER OR MOTORSHIP.

27 MAY 1930

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 *21 May 1930*Port of *Newcastle on Tyne* No. *85781*Survey held at *Newcastle on Tyne* Date First Survey *28 Aug 1930*Last Survey *20 May 1930*On the *(State if Machinery fitted Aft and of Single, Twin or Triple Screw)**Single Screw Steamer "MAPLEWOOD"**Machinery amidships*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)**Full Scantling*

State Type of Erections

*Poop Bridge*TONNAGE under Tonnage Deck... *4157.52*CLASS *+100 A1*State if with freeboard as condition of Class *No*Built at *Howdon-on-Tyne*

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 381.9*

FEET.

Breadth (greatest moulded) *B 51.75*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 29.0*1st Longitudinal Number (L x D) *= 11,075*2nd Numeral L x (B + D) *= 30,838*Framing Depth "d," at middle of length. See Sec. 3 (1d) *25.58*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.17*Do. Long Bridge to top of keel *10.31*Draught Moulded *23'-8 1/4*Launched *28 March 1930* Yard No. *416*Builders *Northumberland S.B. Co (1927) Ltd.*Owners *Joseph Constantine S.S. Line Ltd.*

Managers

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

Residence *Middlesbrough*Port of Registry *Middlesbrough*

If surveyed while building, afloat, or in dry dock

*Building*

## REGISTERED DIMENSIONS.

FEET.

Length *381.5*Breadth *52.0*Depth *26.6*

## 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.
<b>FRAMES, Spacing amidships</b> .....	<i>27 1/2</i>				<b>Bracket Floors, Frame</b> .....	<i>6</i>	<i>3 1/2</i>	<i>35</i>	
" " from 3/4 length to Collision bulkhead.....	<i>27 1/2</i>				" " Reversed Frame .....	<i>5</i>	<i>5 1/2</i>	<i>3</i>	<i>34</i>
" " in peaks.....	<i>24</i>				" " Vertical Struts .....	<i>7</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>38</i>
<b>SIDE FRAMING.</b>					<b>Centre Girder, depth and thickness amidships</b> .....	<i>41</i>	<i>x</i>	<i>50</i>	
Frame Amidships, Angle, <i>E</i> or <i>[</i> <i>N.B.S.</i> .....	<i>12</i>	<i>3 1/2</i>	<i>56</i>	<i>12 x 3 1/2 x 54</i>	" " top Angles <i>Single</i> .....	<i>5</i>	<i>5</i>	<i>50</i>	
" " Extends up to .....	<i>Upper Deck</i>			<i>in way Bridge</i>	" " bottom Angles <i>Double</i> .....	<i>4</i>	<i>4</i>	<i>54</i>	
Reversed Frame Amidships, Angle .....	<i>✓</i>				<b>Side Girders, No. each side and thickness</b> .....	<i>One</i>	<i>38</i>		
" " Extends up to...	<i>✓</i>				<b>Margin Plate depth (excl. of flange) and thickness</b> .....	<i>36</i>	<i>x</i>	<i>48</i>	
Depth of Framing Girder.....	<i>12</i>				" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem .....	<i>5</i>	<i>5</i>	<i>40</i>	
Frames in/Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>[</i> .....	<i>7</i>	<i>3 1/2</i>	<i>34</i>		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem .....	<i>6</i>	<i>6</i>	<i>40</i>	<i>5 x 5 x 40</i>
" " Second 'tween Decks, Angle, <i>[</i> or <i>[</i> .....	<i>✓</i>				" " Gussets, spacing and scantling abaft 1/4 len. from stem .....	<i>27 1/2</i>	<i>x</i>	<i>38</i>	<i>Back bar 5 x 3 1/2 x 40</i>
" " Third " " " " .....	<i>✓</i>				" " Gussets, spacing and scantling forward 1/4 len. from stem .....	<i>27 1/2</i>	<i>x</i>	<i>38</i>	
Framing in Peaks, Angle or <i>[</i> .....	<i>7 1/2</i>	<i>3 1/2</i>	<i>34</i>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b> .....	<i>68 1/2</i>	<i>x</i>	<i>45</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	<i>7/8 @ 6 1/4</i>				<b>INNER BOTTOM PLATING.</b>				
State if Frame Joggled .....	<i>Yes</i>				Breadth and thickness of Middle Line Strake .....	<i>72</i>	<i>x</i>	<i>46</i>	
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars) <i>Hold Strainers</i>				<i>Deep Frames</i>	Thickness of remainder in Holds .....	<i>40</i>			
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars .....	<i>Additional Intercostals</i>			<i>Double 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>			
<b>SINGLE BOTTOM.</b>				<i>Midship thickness of bottom shell maintained to Collision bulkhead.</i>	<b>BEAMS.</b>				
Floors, Depth and thickness at mid-line in Holds .....	<i>✓</i>				Uppermost Continuous Deck, amidships in Wells, Angle, <i>E</i> or <i>[</i> .....	<i>7</i>	<i>3 1/2</i>	<i>33</i>	
Height of Brackets at side above base line at toe of frame .....	<i>✓</i>				" " in way of Bridge, Angle, <i>E</i> or <i>[</i> <i>N.B.S.</i> .....	<i>7</i>	<i>3</i>	<i>40</i>	
Middle Line Keelson, on Floors, Angles, <i>[</i> or <i>[</i> .....	<i>✓</i>				Spacing .....	<i>27 1/2</i>			
" " Through Plate or Intercostal Plate .....	<i>✓</i>				<b>Second Deck, amidships, Angle, <i>[</i> or <i>[</i> .....</b>	<i>✓</i>			
" " Foundation Plate on Floors .....	<i>✓</i>				Spacing .....	<i>✓</i>			
" " Flat Plate Keel Angles .....	<i>✓</i>				<b>Third Deck, amidships, Angle, <i>[</i> or <i>[</i> .....</b>	<i>✓</i>			
Side Keelsons, No. each side .....	<i>✓</i>				Spacing .....	<i>✓</i>			
" " thickness of Intercostal Plate...	<i>✓</i>				<b>Fourth Deck, amidships, Angle, <i>[</i> or <i>[</i> .....</b>	<i>✓</i>			
" " Angles .....	<i>✓</i>				Spacing .....	<i>✓</i>			
<b>DOUBLE BOTTOM.</b>					<b>Poop Deck, Angle, <i>E</i> or <i>[</i> .....</b>	<i>N.B.S.</i>	<i>7</i>	<i>3 1/2</i>	<i>33</i>
Solid Floors, thickness and spacing <i>usually</i> <i>38 @ 8 1/2</i>					Spacing .....	<i>24</i>	<i>5</i>	<i>27 1/2</i>	
" " Are Frame and Reversed Frame joggled? .....	<i>Frame only</i>				<b>Bridge Deck, Angle, <i>E</i> or <i>[</i> .....</b>	<i>6</i>	<i>3 1/2</i>	<i>40</i>	
Bracket Floors, breadth and thickness at middle line .....	<i>30 3/4 x 38</i>				Spacing .....	<i>27 1/2</i>			
" " breadth and thickness at margin plate .....	<i>30 3/4 x 38</i>				<b>Forecastle Deck, Angle, <i>E</i> or <i>[</i> .....</b>	<i>N.B.S.</i>	<i>7</i>	<i>3 1/2</i>	<i>46</i>
	<i>minimum</i>				Spacing .....	<i>27 1/2</i>	<i>5</i>	<i>24</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> <i>One</i>			Stringer Plate, breadth and thickness in way of Bridge .....	✓	
<i>2 7/8 Solid Steel pillars</i>			Thickness of Plating abreast Deck openings in way of Wells .....		
<i>spaced as profile</i>			Thickness of Plating abreast Deck openings in way of Bridge .....		
" " " " "			Thickness of Plating within line of openings...		
" in Holds " "			If Sheathed, material and thickness .....		
" " " " "					
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing..... <i>NBS E</i>	<i>11 3 1/2 42 @ 55" spacing</i>		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	<i>.30</i>		If Plated, state thickness.....		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	<i>60 x 86</i>	<i>60 x 84</i>	If Plated, state thickness .....		
" " " " in way of Bridge	<i>60 x 39</i>				
" Angle in Wells .....	<i>6 6 84</i>		<b>Poop Deck.</b>		
Thickness of Plating abreast Deck openings in way of Wells .....	<i>.84</i>	<i>.82</i>	Stringer Plate, breadth and thickness .....	<i>34 x 34</i>	
Thickness of Plating abreast Deck openings in way of Bridge .....	<i>.35</i>		Plating, Sheathing, material and thickness ...	<i>.26 with 5 x 3 1/2 P.P.</i>	
Thickness of Plating within line of openings...	<i>.41</i>		<b>Bridge Deck.</b>		
If Sheathed, material and thickness .....	✓		Stringer Plate, breadth and thickness.....	<i>54 1/2 x 50</i>	<i>54 1/2 x 46</i>
<b>Second Deck.</b>			Plating, Sheathing, material and thickness ...	<i>.52 5 1/2 45 .48 0.41</i>	
Stringer Plate, breadth and thickness in Wells...	✓		<b>Forecastle Deck.</b>		
			Stringer Plate, breadth and thickness.....	<i>34 x 34</i>	
			Plating, Sheathing, material and thickness ...	<i>.34</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 .....	49	.74	.66	.66	Thickness B.C.D. Strakes midship to Collision Bulk.	Double	7/8	3 1/2	4 1/3	1	3 3/4	Lapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. of of Strakes .....4..		.58	.46	.49		Double	7/8	3 1/2	3	7/8	3 1/8	„	
BILGE PLATING, No. of Strakes .....1..		.58	.46	.49		„	7/8	3 1/2	3	7/8	„	„	
SIDE PLATING, No. of Strakes .....3..		.58	.44	.44		„	7/8	3 1/2	3	7/8	„	„	
UPPER DECK, Sheer- strake in Wells.....	52	.84	.44	.44		„	1	4	4 over .60	1	4	„	
UPPER DECK, Sheer- strake in Bridge ...		.58				„	7/8	3 1/2	3	7/8	3 1/8	„	
STRAKE BELOW Sheer- strake in Wells.....	50	.73	.44	.44		„	1	4	4 over .60	1	4	„	
STRAKE BELOW Sheer- strake in Bridge ...		.58				„	7/8	3 1/2	3	7/8	3 1/8	„	
POOP SIDE PLATING .....				.38		Double + Single	7/8	3 1/2	2	3/4	2 7/8	„	
BRIDGE SIDE PLATING ...		.56				Double	7/8	3 1/2	4	7/8	3 1/8	„	
FORECASTLE SIDE PLATING			.40			„	7/8	3 1/2	2	3/4	2 7/8	„	

## 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 .....	✓
As per Rule .....	<i>6</i>

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	✓				
" " Second "	✓				
" " Third "	✓				
" " Holds .....		<i>43-37 1/2 x 3 1/2 x .44 @ 29 1/2" spacing</i>			
COLLISION " (in Hold) .....		<i>44-30 5/8 x 3 x .40 @ 24" Semi box beams</i>			
AFTER PEAK " " .....		<i>44-30 8 1/2 x 3 x .46 @ 24" 7. flt</i>			

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....	✓			
STEM .....		<i>Rolled Steel 9 x 2 1/2</i>		
STERN FRAME { Propeller Post .....	<i>Forging</i>	<i>10 1/2 x 7 3/8</i>	<i>Sunderland</i>	
Rudder " .....	"	<i>9 x 7 3/8</i>	<i>Forge Co. Ltd.</i>	
RUDDER—A x D.....		<i>350</i>		
Speed of Vessel .....		<i>10 knots</i>		
RUDDER mainpiece at head ...	<i>Forging</i>	<i>9 1/2</i>	<i>J. Rogerson &amp; Co. Ltd.</i>	
" " heel ...	"	<i>7</i>		
how constructed .....		<i>Forged &amp; built</i>		
double or single plate		<i>Single</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).

*South Durham, Consett, Darman Long, Bolekrow Vaughan & Cleveland*

Has the Steel been tested as required by the Rules?

*Yes*

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EQUIPMENT No. 32281												LETTER y	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.			
91289	1st Bower ...	60	0	14	Stockless			48	10	0	0	60.0.0	Hartshorne's	Hingley & Son	Netterton 9. Nov. 1929
91290	2nd „ ...	60	0	12	“			48	10	0	0	60.0.0	“	“	“ “ H. Green
91291	3rd „ ...	50	2	10	“			42	15	1	7	50.2.0	“	“	“ “
	Collective weight.	170	3	8								170.2.0			
91436	Stream .....	16	2	26	4	1	2	18	0	2	14	16 1/4 cwt. 4 1/2 lb. Stock	ordinary forged work.	“	Netterton 4 Jan 30 H. Green

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.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.	Tons.
85710	135	2 3/16	86 1/8	120 1/2	322.3.20	322 7/8	135	2 3/16	Stud link	Hingley & Sons	Netterton 31.12.29 H. Green	TOWLINE...	120	4 3/4	47	120	4 3/4	
94273	135	2 3/16	86 1/8	120 1/2	323.0.23	322 7/8	135	2 3/16	"	"	" 31.12.29 "	HAWSERS & WARPS	2090	2 3/4	15.2	2090	2 3/4	
												"	2090	2 1/2	13.2	2090	2 1/2	
from Stream Chain on Steel Wire	90	4 3/4	47	-			90	4 3/4				"						

Steering Gear, Steam *by Doukin & Co.* Steering Gear, Hand *Tackle to winch*

Boats *Two Class A1 & Two Class 3* Steering Chains, Size and Test *1 5/16" Short-link, 1st 20 5/8 lb. Windlass Emerson Walker*

Ceiling in Holds, thickness and material *2 1/2" W.W. under hatchways only* Cargo Battens, thickness, material and spacing *2" w.w. spaced 9" apart*

Cargo Hatchways.-(Upper Deck) *Steel plates and angles* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *29'9 1/2" x 21'6"* No. 2 *as No. 1* No. 3 *as No. 1* No. 4 *as No. 1* No. 5 *20'7 1/2" x 21'6"* No. 6 *24' Bridge*

Number of Shifting Beams and/or Fore and Afters *5 Shifting Beams @ No. 1, 2, 3 & 4 and 3 at No. 2 & 4 Hatchway*

FOR NORTHUMBERLAND SHIPBUILDING CO. (1927) LTD.  
Builder's Signature *K. Murray Ebbles*

**GENERAL DECLARATION.** It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *No* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *No*. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

*This vessel has been built in accordance with the approved plans, the Secretary's letters and in general conformity with the Society's Rules for the Class contemplated. The materials and workmanship are good. The decks, bulk heads, tunnel & W.T. doors have been holed and found satisfactory. The dry tank under boilers, and all double bottom and fore & after peak tanks have been tested as required by the Rules & found satisfactory.*

*The freeboard markings have been cut in on the vessel's sides & verified with the letter of assignment.*

*14 approved plans and 3 forging certificates are sent herewith.*

*This vessel is a duplicate of the S.S. "Wearwood", the same Builder's No. 412.*

The amount of Entry Fee ..... £ *8* : - : - Fees applied for, *26 MAY 1930*

Special Survey Fee.... £ *303* : *2* : *0* Received by me, *3-6-1930 A. H. H.*

*Freeboard* *8* : *6* : *8*

Travelling Expenses, if any £ : : I am of opinion the Vessel should be Classed *+ 100 A1*

State whether the Vessel has been built under Special Survey *Yes* Signature *A. F. A. Kester*

Certificate to be sent to *Newcastle-on-Tyne* Date of issue *13/6/30* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUE. 3 JUN 1930*

Character assigned *+ 100 A1*

*Lloyd's A.C.C.P.* *+ L.M.C. 5.30*

*W. H. G. D.*

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The Surveyors are requested not to write on or before the Committee's Minute.

004300-004307-0126 2/2



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.)

Particulars of <b>Drop Test</b> of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	<i>including pin</i>	<i>cut. 38-2-27</i>	<i>R.H.</i>	<i>N<sup>o</sup> 6720</i>	<i>30-7-29</i>
	2nd "	"	<i>38-1-1</i>	<i>R.H.</i>	<i>N<sup>o</sup> 6423</i>	<i>14-8-29</i>
	3rd "	"	<i>31-2-12</i>	<i>R.H.</i>	<i>N<sup>o</sup> 5681</i>	<i>16-8-28</i>

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *33.46* ft., R.Q.D. ☒ ft., Bridge *119.17* ft., Forecastle *29.92* ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Poop not joined to Bridge*

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *1 dx (8x.)*

Official No. *160728*; 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,	<i>123.7</i>	<i>359</i>	Fore peak tank,	<i>19</i>	<i>96</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>22</i>	<i>140</i>
Double bottom, if under Engines only,	<i>22.9</i>	<i>100</i>	Deep tank, aft,		
Double bottom, if under Boilers only, <i>dry tank</i>	<i>18.3</i>	<i>-</i>	Deep tank, forward,		
Double bottom, forward,	<i>167.3</i>	<i>597</i>	Other tanks, if fitted,		
	Total capacity of double bottom	<i>1056</i>	(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. *5360*  
Date *29.8.29*  
Dates of Surveys held while building  
*1929 Aug. 28. Sep. 2. 4. 13. 25. 30. Oct. 4. 8. 11. 17. 21. 24. 28. Nov. 5. 7. 12. 18. 20. 27. 29. Dec. 3. 5. 9. 10. 12. 16. 18. 20. 27. 31.*  
*1930 Jan. 7. 13. 16. 20. 22. 28. 30. Feb. 4. 7. 11. 14. 19. 21. 24. 26. Mar. 4. 5. 7. 10. 12. 14. 18. 20. 21. 27. 28. 31. Apr. 3. 4. 8. 14. 15. 28. 30. May 2. 6. 20.*  
Total No. of Visits *67*