

STEEL STEAMER ~~OR~~ MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

1st October 1929

Port of

Sunderland

No. 30151

Survey held at

Sunderland

Date First Survey

22nd March '29

Last Survey

23rd September 1929

On the

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

Single Screw Steamer

DUNSLEY

(Machinery fitted amidships)

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

Full Scantling

State Type of Erections (Carp, Bridge &amp; etc)

TONNAGE under  
Tonnage Deck

3460.97

CLASS 100 A1

State if with freeboard  
as condition of Class

Mo

Built at

Sunderland

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 360.0

Breadth (greatest moulded)

B 49.75

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

D 25.42

1st Longitudinal Number (L x D)

= 9148

2nd Numeral L x (B + D)

= 27057

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

22 - 4 1/2

Proportions—Depth to Length—Uppermost con-  
tinuous deck to top of keel

14.16

Do. Long Bridge to top  
of keel

10.61

Draught Moulded

22 - 2 1/4

Launched

21st Aug 1929

Yard No. 336

Builders

Messrs R. Thompson &amp; Sons Ltd.

Owners

Rowland &amp; Marwood's S.S. Co. Ltd.

Managers

Headlam &amp; Sons S.S. Co. Ltd.

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

Residence

Whitby

Port of Registry

Whitby

If surveyed while building, afloat, or in dry dock

While building, afloat and in dry dock

## 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>	33	✓	<b>Bracket Floors, Frame</b>	6 x 3 1/2 x .38	✓
" " from 3/4 length to Collision bulkhead	27	✓	" " Reversed Frame	6 x 3 x .34	✓
" " in peaks	24	✓	" " Vertical Struts	9 x 3 1/2 x 3 1/2 x .38	✓
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	39 x .48	✓
<b>Frame Amidships, Angle, E or C</b>	N.B.S. 12 x 3 1/2 x .48	✓	" " top Angles	3 x 3 x .46 - .44	✓
" " Extends up to	Upper deck	✓	" " bottom Angles	3 1/2 x 3 1/2 x .52 - .48	✓
<b>Reversed Frame Amidships, Angle</b>			<b>Side Girders, No. each side and thickness</b>	One .36	✓
" " Extends up to			<b>Margin Plate depth (excl. of flange) and thickness</b>	31 x .48	✓
<b>Depth of Framing Girder</b>	12"	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 x 3 1/2 x .36	✓
<b>Frames in Uppermost Continuous 'tween Decks, Angle, E or C</b>	Bridge 6 1/2 x 3 1/2 x .39	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 x 6 x .36	✓
" " Second 'tween Decks, Angle, E or C			" " Gussets, spacing and scantling abaft 1/2 len. from stem	Every frame 3 1/2 x 3 1/2 x .40	✓
" " Third " " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem	Every frame 6 x 6 x .40	✓
<b>Framing in Peaks, Angle, E or C</b>	N.B.S. 7 x 3 x .36	7 x 3 x .34	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	4' - 9 1/4" .47 - .42	✓
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships</b>	7/8 rivets 5 1/2 diams.	✓	<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	Yes	✓	<b>Breadth and thickness of Middle Line Strake</b>	72 x .44	✓
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	13 1/2" deep framing 12 x 3 1/2 x .45 BA with 6 x 3 1/2 x .50 rivets three side runners	✓	<b>Thickness of remainder in Holds</b>	44 to .38 to .35	✓
<b>STRENGTHENING OF BOTTOM FOR- WARD. State Particulars</b>	5 x 5 x .36 bottom frames. Additional frames. Additional thickness to collision bulkhead.	✓	<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b>	Yes	✓
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>			<b>Uppermost Continuous Deck, amidships in Wells, Angle, E or C</b>	10 x 3 1/2 x .52	✓
<b>Height of Brackets at side above base line at toe of frame</b>			" " in way of Bridge, Angle, E or C	10 x 3 1/2 x .52	✓
<b>Middle Line Keelson, on Floors, Angles, E or C</b>			<b>Spacing</b>	33"	✓
" " Through Plate or Intercoastal Plate			<b>Second Deck, amidships, Angle, E or C</b>		
" " Foundation Plate on Floors			<b>Spacing</b>		
" " Flat Plate Keel Angles			<b>Third Deck, amidships, Angle, E or C</b>		
<b>Side Keelsons, No. each side</b>			<b>Spacing</b>		
" " thickness of Intercoastal Plate			<b>Fourth Deck, amidships, Angle, E or C</b>		
" " Angles			<b>Spacing</b>		
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, E or C</b>	6 x 3 x .36 to 7 x 3 x .34	✓
<b>Solid Floors, thickness and spacing</b>	.36 Every 3rd frame	✓	<b>Spacing</b>	Every frame	✓
" " Are Frame and Reversed Frame joggled?	Yes	✓	<b>Bridge Deck, Angle, E or C</b>	9 x 3 x .375	✓
<b>Bracket Floors, breadth and thickness at middle line</b>	29 1/4 x .41	✓	<b>Spacing</b>	Every frame	✓
" " breadth and thickness at margin plate	29 1/4 x .41	✓	<b>Forecastle Deck, Angle, E or C</b>	8 x 3 x .36 to 6 1/2 x 3 x .34	✓
			<b>Spacing</b>	Every frame	✓



# 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>Steel Centre Line Bulkhead</i>							
" Bridge in 'tween Decks, Size and Spacing.....		<i>6" x 6" .60</i>		✓	Stringer Plate, breadth and thickness in way of Bridge .....				
" Poop		<i>2 1/4" 2 rows. On ultimate beams</i>		✓	Thickness of Plating abreast Deck openings in way of Wells .....				
" Forecastle in Holds		<i>6" x 6" .50 on ultimate beams.</i>		✓	Thickness of Plating abreast Deck openings in way of Bridge .....				
" " " "					Thickness of Plating within line of openings...				
" " " "					If Sheathed, material and thickness .....				
<b>Centre Line Bulkhead.</b>		<i>11" x 3 1/2" .48</i>		✓	<b>Third Deck.</b>				
Stiffeners and Spacing.....		<i>6" x 3" .34</i>		✓	Stringer Plate, breadth and thickness.....				
Plating, thickness of .....		<i>28" .30 in N° 1 hold</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>52" x .90 - .62</i>		✓	If Plated, state thickness .....				
" " " " in way of Bridge		<i>52" x .36</i>		✓	<b>Poop Deck.</b>				
" Angle in Wells .....		<i>6" x 6" .80</i>		✓	Stringer Plate, breadth and thickness .....		<i>.33 - .30</i>		✓
Thickness of Plating abreast Deck openings in way of Wells .....		<i>.72 - .56</i>		✓	Plating, Sheathing, material and thickness ...		<i>.30 when exposed 24" x 3" p.p.</i>		✓
Thickness of Plating abreast Deck openings in way of Bridge .....		<i>.32</i>		✓	<b>Bridge Deck.</b>				
Thickness of Plating within line of openings...		<i>.36 to .32</i>		✓	Stringer Plate, breadth and thickness.....		<i>52" x .45</i>		✓
If Sheathed, material and thickness .....					Plating, Sheathing, material and thickness ...		<i>.45</i>		✓
<b>Second Deck.</b>					<b>Forecastle Deck.</b>				
Stringer Plate, breadth and thickness in Wells...					Stringer Plate, breadth and thickness.....		<i>33" x .33</i>		✓
					Plating, Sheathing, material and thickness ...		<i>.32 when exposed 26" x 3" p.p.</i>		✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.	RIVETS.		No. of Rows of Rivets.	STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		
FLAT PLATE KEEL .....	<i>47</i>	<i>.68</i>	<i>.62</i>	<i>.62</i>		<i>Double</i>	<i>7/8</i>	<i>3 1/3</i>	<i>3</i>	<i>7/8</i>	<i>Lapped</i>
" DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes .....	<i>3 at 72</i>	<i>.61</i>	<i>.44</i>	<i>.44</i>		<i>Double</i>	<i>7/8</i>	<i>3 1/3</i>	<i>3</i>	<i>7/8</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes .....	<i>69</i>	<i>.61</i>	<i>.44</i>	<i>.44</i>		"	<i>7/8</i>	<i>3 1/3</i>	<i>3</i>	<i>7/8</i>	"
SIDE PLATING, No. of Strakes .....	<i>72</i>	<i>.61</i>	<i>.42</i>	<i>.42</i>		"	<i>7/8</i>	<i>3 1/3</i>	<i>3</i>	<i>7/8</i>	"
UPPER DECK, Sheer-strake in Wells.....	<i>49</i>	✓	<i>1.15</i>	<i>.63</i>		"	<i>1"</i>	<i>3 2/3</i>	<i>4</i>	<i>1"</i>	"
UPPER DECK, Sheer-strake in Bridge ...	<i>49</i>	<i>.61</i>	✓	✓		"	<i>7/8</i>	<i>3 1/3</i>	<i>3</i>	<i>7/8</i>	"
STRAKE BELOW Sheer-strake in Wells.....	<i>71</i>	✓	<i>.62 - .55 aft</i>	<i>.61 - .51 fwd</i>		"	<i>7/8</i>	<i>3 1/3</i>	<i>3</i>	<i>7/8</i>	"
STRAKE BELOW Sheer-strake in Bridge ...	<i>71</i>	<i>.61</i>	✓	✓		"	<i>7/8</i>	<i>3 1/3</i>	<i>3</i>	<i>7/8</i>	"
POOP SIDE PLATING .....		✓	✓	<i>.36</i>		<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>1</i>	<i>3/4</i>	<i>2 5/8</i>
BRIDGE SIDE PLATING ...		<i>.56</i>	✓	✓		<i>Double</i>	<i>7/8</i>	<i>3 1/3</i>	<i>3</i>	<i>7/8</i>	<i>3 1/8</i>
FORECASTLE SIDE PLATING		✓	<i>.39</i>	✓		<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>1</i>	<i>3/4</i>	<i>2 5/8</i>

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	<i>5 in</i>
Extending to Upper Deck (Sec. 3 c)	<i>5 in</i>
" Deck next below	✓
As per Rule	<i>5 in</i>

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	✓	✓	✓	✓	✓
" " Second "	✓	✓	✓	✓	✓
" " Third "	✓	✓	✓	✓	✓
" " Holds .....	<i>.44 - .26</i>	<i>10 x 3 1/2</i>	<i>.52</i>	<i>30</i>	✓
COLLISION " (in Hold) .....	<i>.37 - .26</i>	<i>10 x 3 1/2</i>	<i>.40</i>	<i>24</i>	<i>1 SEMI-BOX BEAM</i>
AFTER PEAK " " .....	<i>.31 - .30</i>	<i>8 x 3</i>	<i>.45</i>	<i>24</i>	<i>1 " " "</i>

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....	✓	✓	✓	✓
STEM .....	<i>Roller bar</i>	<i>9 x 2 1/4</i>	<i>Lunenburg Steel Co. Ltd.</i>	
STERN FRAME { Propeller Post .....	<i>Forging</i>	<i>9 3/4 x 6 3/8</i>	<i>Y.S. Forster</i>	
{ Rudder " .....		<i>8 3/4 x 6 3/8</i>	<i>+ 5000 lb</i>	
RUDDER—A x D.....		<i>4 1/2</i>		
Speed of Vessel .....		<i>9 1/2 knots</i>		
RUDDER mainpiece at head ...	<i>Forging</i>	<i>9 1/4</i>	<i>Y.S. Forster</i>	
" " heel ...		<i>6 3/4</i>	<i>+ 5000 lb</i>	
" how constructed .....	<i>Forged</i>	<i>As per plan on</i>		
" double or single plate		<i>Single plate 1.10</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*  
*Messrs. Bolckow Vaughan & Co. Ltd.; Dorman Long & Co. Ltd.; Corbett Iron Co. Ltd.; South Durham Steel Co. Ltd.*  
*Appleby Iron Co. Ltd.; Cargo Fleet Iron Co. Ltd.; Pease & Partners Ltd.*  
 Has the Steel been tested as required by the Rules? *Yes*



EQUIPMENT No. 29159												LETTER W	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.			
32297	1st Bower ...	52	3	0	✓	✓	✓	44	1	3	14	52½	Byers Improved Studless	—	Sld. 2-8-29 J. H. Butler
32310	2nd „ ...	52	3	0	✓	✓	✓	44	1	3	14	52½	„ „ „	—	Sld. 8-8-29 J. H. Butler
32311	3rd „ ...	45	0	14	✓	✓	✓	39	6	2	7	44½	„ „ „	—	Sld. 9-8-29 J. H. Butler
	Collective weight.	150	2	14	✓							149½			
44657	Stream .....	14	0	26	3	2	22	15	16	3	14	14	Ordinary	—	C. H. 2-8-29 S. C. Paul

CHAIN CABLES.												HAWERS 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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.
43153	240	2 1/16	76 1/2	107.1	509.3.14					2 1/16	5/16	—	C.H. 2-8-29 S.C. Paul	TOWLINE...	120	4 1/2	39	120	4 1/2
16400	30	2 1/16	76 1/2	107.1	65.1.0					2 1/16	5/16	—	Sld 31-7-29 B.A.S. Parsons	HAWERS & WARPS	2/90	3	18	2/90	2 1/2
	270	✓			574.4.14	573.3.0			270	✓					2/90	2 1/2	12 1/2	2/90	2 1/2
		Cir.								Cir.									
Iron Stream Chain or Steel Wire	90	4 1/2		39					90	4 1/2		British Ropes Co.	Gateshead-on-Tyne						

Steering Gear, Steam 9" x 9" John Wigham Sons Steering Gear, Hand Nil. Steel wire tackles and blocks.

Boats Steering Chains, Size and Test 1 5/16" 20-2-2-0 Windlass 9 3/4" x 12" Emerson Walker & Co

Ceiling in Holds, thickness and material Under hatchways & on bilges. 2 1/2" w.w. Cargo Battens, thickness, material and spacing 9" x 2", 12" apart. (See letter to Secretary)

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

Size of No. 1 Hatchway (Forward) 27'0" x 20'0" No. 2 30'3" x 20'0" No. 3 13'9" x 19'0" No. 4 30'3" x 20'0" No. 5 30'3" x 20'0" No. 6 ✓

Number of Shifting Beams and/or Fore and Afters Five in 403.1.2.4+5. Two in 403.

FOR ROBERT THOMPSON & SONS LTD.

Builder's Signature

*[Signature]*  
SECRETARY.

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 Rules and Secretary's letters. The materials and workmanship are good. The freeboard markings have been verified and cut in on the vessel's sides. The fore peak, after peak tank and double bottom tanks have been satisfactorily tested to rule requirements.

The bulkheads, decks, tunnel and W.T. doors have been hose tested and found satisfactory.

The windlass, winches, steering gear and handpump have been tried and found in good working order.

The following approved plans (4 in number) are forwarded :- Midship Section: Profile & Decks: Pumping Plan: Parting Arrangement.

Four forging certificates enclosed.

The amount of Entry Fee ..... £ 7 : 0 : 0 Fees applied for, 25 Sep 1929 *asm*

Special Survey Fee.... £ 268 : 2 : 0 Received by me, 12-10-29 *Obb.*

Freeboard Travelling Expenses, if any £ 17 : 10 : 0

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

State whether the Vessel has been built under Special Survey Yes

Signature *A. Urwin*

Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 8 OCT 1929

Character assigned + 100 A1

*Lloyd's A&CP* *KL6* *+ L.M.C. 9-29* *Subject*

*C1*

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011693-011701-0008 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.)

The vessel was examined on Austin Bottom on completion. Four indented plates—  
A1 and B2 port and starboard—stated to have been damaged at the launch of the  
vessel, now permanently repaired by fixing in place. Bottom recoated.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	<sup>cwt</sup> 30 · <sup>qrs</sup> 2 · <sup>lbs</sup> 19	M.B.	6671	19 · 7 · 29
	2nd "	32 · 1 · 2	M.B.	6519	14 · 7 · 29
	3rd "	25 · 3 · 18	M.B.	6674	19 · 7 · 29

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 31 · 0 ft., R.Q.D. ☒ ft., Bridge 216 · 75 ft., Forecastle 35 · 75 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)

1 Ate (steel)

Official No. 161,013 ; Signal Letters Is bottom of Vessel coated with cement ☒ if not give  
particulars of composition

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	110 · 0	343		Fore peak tank,			
Double bottom, under Engines and Boilers,	38 · 5	133		After peak tank,	18 · 0	147	
Double bottom, if under Engines only,	-	-		Deep tank, aft,			
Double bottom, if under Boilers only,	-	-		Deep tank, forward,			
Double bottom, forward,	158 · 5	463		Other tanks, if fitted,			
		939		(If necessary, furnish further information by sketch.)			
Total capacity of double bottom							

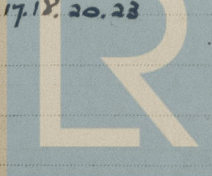
\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 5714

Date 9 · 3 · 29

Dates of Surveys  
held while building

1929. Mar. 22, 26. Apr. 5, 11, 12, 24, 26. May 2, 8, 10, 14, 15, 23, 28, 31. June 5, 10, 14, 25. July 4, 9, 19  
24, 25, 26, 29, 31. Aug. 7, 9, 13, 15, 16, 20, 21. Sep. 5, 11, 17, 18, 20, 23



Lloyd's Register  
Foundation

Total No. of Visits 40