

## STEEL STEAMER OF MOTORSHIP

8 - JUN 1926

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

*Machinery to be installed at Newcastle*

Date of completion of report

*4 June 1926*

Port of

*Leith*

No.

*16,934*

Survey held at

*Burntisland*

Date First Survey

*21<sup>st</sup> January 1926*

Last Survey

*2<sup>nd</sup> June 1926*

On the

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

*Single Screw "EWELL" (machinery aft)*

State Type

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

*Raised Quarter Deck Collier*

State Type of Erections

*RQD BRIDGE FOUL*

TONNAGE under Tonnage Deck

*1062.37*CLASS *100A1*State if with freeboard as condition of Class *yes*

Built at

*Burntisland*

Launched

*29<sup>th</sup> May 1926*Yard No. *138*

Builders

*Burntisland S.B. Co. Ltd.*

Owners

*The Wandsworth Wimbledon + Epsom District Gas Co.*

Managers

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

Residence

*London*

Port of Registry

*London*

If surveyed while building, afloat, or in dry dock

*On Stocks while building.*

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

Total

*1062.37*

Gross Tonnage

Register Tonnage

## REGISTERED DIMENSIONS.

FEET.

Length

*226.0*

Breadth

*36.4*

Depth

*16.5*

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

*L 225.0*

Breadth (greatest moulded)

*B 36.4*

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

*D 18.6*

1st Longitudinal Number (L x D)

*=*

2nd Numeral L x (B + D)

*=*

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

*12.16*

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

*12.16*

Do. Long Bridge to top of keel

*15.5 1/2*

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.
<b>FRAMES, Spacing amidships</b>	30		<b>Bracket Floors, Frame to tank top</b>	8 3 38	
" " from 1/2 length to Collision bulkhead	27		" " Reversed Frame		
" " in peaks	24		" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	32 41	
Frame Amidships, Angle, [ or ]	7 3 34	<i>see plans</i>	" " top Angles	3 3 39	
" " Extends up to	<i>Quarter Dk</i>		" " bottom Angles	<i>double under E. Thrust + ford</i> 3 1/2 3 1/2 41	
Reversed Frame Amidships, Angle			<i>double under E. Thrust + ford</i> Side Girders, No. each side and thickness	<i>one 59 x 3 x 44</i> 59 x 3 x 40	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	6 1/2 x 40 (38 @ 27" spacing)	
Depth of Framing Girder	7		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]			Bracket abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, [ or ]			" " Vertical Angle to Tank side		
" " Third " " " "			Bracket forward 1/4 len. from stem		
Framing in Peaks, Angle or [	5 3 34		Gussets, spacing and scantling abaft 1/4 len. from stem		
Diameter and Spacing of Rivets through Shell Plating	3/4 (3 apart)	<i>as approved</i>	Gussets, spacing and scantling forward 1/4 len. from stem		
State if Frame Joggled	<i>yes</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>see mid section</i> 40	
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars	<i>27 x 34 steel flat in F head with beams + BHD sheet</i>		<b>INNER BOTTOM PLATING.</b>		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars	<i>Two plate girders P+S as approved plan</i>		Breadth and thickness of Middle Line Strake	83 1/2 50	36 5/8 @ 30"
<b>SINGLE BOTTOM.</b>			Thickness of remainder in Holds	50 55	33 @ 27"
Floors, Depth and thickness at mid-line in Holds			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>	36 5/8 @ 30"
Height of Brackets at side above base line at toe of frame					32 @ 27"
Middle Line Keelson, on Floors, Angles, [ or ]			<b>BEAMS.</b>		
" " Through Plate or Intercoastal Plate			Uppermost Continuous Deck, amidships	7 1/2 3 32	
" " Foundation Plate on Floors			THROUGH BEAMS in Wells, Angle, [ or ]	5 3 34	
" " Flat Plate Keel Angles			" " in way of Bridge, Angle, [ or ]	6 3 32	
Side Keelsons, No. each side			Spacing	<i>every frame</i>	
" " thickness of Intercoastal Plate			Second Deck, amidships, Angle, [ or ]		
" " Angles			Spacing		
<b>DOUBLE BOTTOM.</b>			UPPER		
Solid Floors, thickness and spacing	31 every frame		Third Deck, amidships, Angle, [ or ]	5 7 1/2 x 3 x 32	
" " Are Frame and Reversed Frame joggled?	<i>yes</i>		Spacing	5 x 3 x 34	
Bracket Floors, breadth and thickness at middle line	9-3 from base line on every 4 <sup>th</sup> frame		Fourth Deck, amidships, Angle, [ or ]		
" " breadth and thickness at margin plate	34		Spacing		
			QUARTER		
			Pop Deck, Angle, [ or ]	5 7 1/2 x 3 x 32	
			Spacing	5 x 3 x 34	
			Bridge Deck, Angle, [ or ]		
			Spacing		
			Forecastle Deck, Angle, [ or ]	5 3 35	
			Spacing	<i>every frame</i>	

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## 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>				/	Stringer Plate, breadth and thickness in way of Bridge .....	✓			
" in 'tween Decks, Size and Spacing.....				/	Thickness of Plating abreast Deck openings in way of Wells .....	✓			
" " " " "				/	Thickness of Plating abreast Deck openings in way of Bridge .....	✓			
" in Holds " "				/	If Sheathed, material and thickness .....	✓			
" " " " "				/	<b>Third Deck.</b>				
<b>Centre Line Bulkhead.</b>				/	Stringer Plate, breadth and thickness.....	✓			
Stiffeners and Spacing.....				/	If Plated, state thickness.....	✓			
Plating, thickness of .....				/	<b>Fourth Deck.</b>				
<b>STRINGERS AND DECKS.</b>				/	Stringer Plate, breadth and thickness.....	✓			
<b>Uppermost Continuous Deck.</b>				/	If Plated, state thickness .....	✓			
Stringer Plate, breadth and thickness in Wells	78½	.39	.34	RQD.	<b>Poop Deck.</b>				
" " " " in way of Bridge	78	.46	.34	UD.	Stringer Plate, breadth and thickness .....	✓			
" Angle in Wells <del>way of</del> RQD		.42		/	Plating, Sheathing, material and thickness ...	✓			
" " UD	3½	3½	.39	/	<b>Bridge Deck.</b>				
Thickness of Plating abreast Deck openings in way of Wells .....	3½	3½	.46	/	Stringer Plate, breadth and thickness.....	33"	.30		
Thickness of Plating abreast Deck openings in way of Bridge .....	Stringer plate			/	Plating, Sheathing, material and thickness ...	26"	with 2½ PP.		
If Sheathed, material and thickness .....	no			/	<b>Forecastle Deck.</b>				
<b>Second Deck.</b>				/	Stringer Plate, breadth and thickness.....	54"	.30		
Stringer Plate, breadth and thickness in Wells...	✓			/	Plating, <del>Sheathing,</del> material and thickness ...		.30		

## 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 .....	48	.52	48	48	✓	Double	3/4	3	Triple	3/4	2 5/8	Lapped
„ DELG. (if any)	✓					✓						
BOTTOM PLATING, No. of Strakes .....	A 80 3/4	.49	.42	.42	✓	Double	3/4	3	Triple to Double	3/4	2 5/8	- "
	B 75 1/2	.49	.44	.45	✓	- "	- "	- "	- "	- "	- "	- "
BILGE PLATING, No. of Strakes .....	C 74 1/2	.49	.39	.47	✓	- "	- "	- "	- "	- "	- "	- "
SIDE PLATING, No. of Strakes .....	D 85	.49	.39	.39	✓	Double	Single 3/4	3	Triple to Double	3/4	2 5/8	Lapped
	E 62 1/2	.49	.39	.39	✓	Single	- "	- "	- "	- "	- "	- "
UPPER DECK. Sheer-strake in Wells.....	F 50	.51	.39	.39	app 48 x 51	- "	- "	- "	- "	- "	- "	- "
UPPER DECK, Sheer-strake in Bridge ...	✓											
STRAKE BELOW Sheer-strake in Wells.....	F 50	.49	✓	.39	✓	Single	3/4	3	Triple to Double	3/4	2 5/8	Lapped
STRAKE BELOW Sheer-strake in Bridge ...	✓											
R&D. Sheer Strake	51 3/4	.49	-	.49	app 51 x 49	Single	3/4	3	Triple to Double	3/4	2 5/8	Lapped
FORE-SIDE PLATING .....	39 1/2	.30	-	-	✓	- "	- "	- "	✓			
BRIDGE SIDE PLATING ...	✓					- "	- "	- "	Double	3/4	2 5/8	Lapped
FORE-C'TLE SIDE PLATING	✓		.30	✓	✓							

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—  
 Extending to Upper Deck (Sec. 3 c) Four  
 „ Deck next below ✓  
 As per Rule Three

## STIFFENERS.

			Plating Thickness.	VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings	Spacing.
<b>MIDSHIP BULKHEAD, Tween decks...</b>							
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
Holds			N°55	36" x 26"	9" x 32"	BA 44	24 1/2
(in Hold)				39" x 30"	6" x 3" x 36"	BA 24	One Plate Beam
				50" x 30"	5" x 3" x 26"	BA 24	
<b>AFTER PEAK</b>				50" x 30"	7 1/2" x 3" x 36"	BA 24	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	✓			
<b>STEM</b> .....		<i>Rolled steel bar</i>	<i>James Carmichael</i>	
<b>STERN FRAME</b> { Propeller Post .....		<i>Forged iron 7x5</i>	<i>Y C O</i>	
{ Rudder .....		<i>" - 6 1/4 x 5</i>		
<b>RUDDER—A x D</b> .....		<i>not exact 176</i>		
<b>Speed of Vessel</b> .....		<i>" " 10 knots</i>		
<b>RUDDER</b> mainpiece at head ...		<i>forging 6 1/4 x 4 3/4</i>	<i>James Carmichael</i>	<i>Y C O Dunbar</i>
" " heel ...				
" how constructed .....		<i>forged arms</i>		
" double or single plate .....		<i>single plate</i>		
" coupling, vertical or .....		<i>horizontal</i>		
" horizontal .....				

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture) *Memo Dorman Long & Co. Gutehoffnungshütte, Oberhausen*

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



EQUIPMENT No. <u>13299</u>										LETTER <u>O</u>		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.			
<u>29414</u>	1st Bower ...	<u>28</u>	<u>1</u>	<u>14</u>	<u>Stockless</u>			<u>27</u>	<u>8</u>	<u>0</u>	<u>14</u>	<u>28-0-0</u>	<u>Byers Improved Stockless W.L. Byers &amp; Co. Ltd</u>	<u>Sunderland</u>	<u>27.4.26 JHB</u>
<u>29413</u>	2nd „ ...	<u>28</u>	<u>1</u>	<u>0</u>	<u>“</u>			<u>27</u>	<u>6</u>	<u>1</u>	<u>0</u>	<u>28-0-0</u>	<u>“ “ “</u>	<u>“</u>	<u>“ “ “</u>
<u>29415</u>	3rd „ ...	<u>24</u>	<u>2</u>	<u>0</u>	<u>“</u>			<u>24</u>	<u>6</u>	<u>1</u>	<u>0</u>	<u>24-0-0</u>	<u>“ “ “</u>	<u>“</u>	<u>“ “ “</u>
	Collective weight	<u>84</u>	<u>0</u>	<u>14</u>								<u>80-0-0</u>			
<u>29351</u>	Stream <u>81</u> ...	<u>9</u>	<u>0</u>	<u>14</u>	<u>Stockless</u>			<u>11</u>	<u>4</u>	<u>2</u>	<u>21</u>	<u>9-0-0</u>	<u>Byers Improved Stockless W.L. Byers &amp; Co. Ltd</u>	<u>Sunderland</u>	<u>5.3.26 JHB</u>

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.	Stations.	Break- ing.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.	Tons.	Length.	Cir.
60624	240	1 7/16	43%	6 1/2%	304	0 12	298 3/4		240	1 7/16	SL		Tipton 22.4.26 WAD	TOWLINE...	90	3 1/4	2.2	90	3 1/4
														HAWSERS & WARPS	90	2 1/4	9.5	90	2 1/4
														"	90	1 3/4	6.0	90	1 3/4
Iron Stream Chain (Steel Wire)	75 1/2	1	18	27	38	2 0	38 1/4						Tipton 22.4.26 WAD	"					

combined hand & Steam  
Steering Gear, Steam Donkin & Co. Ltd  
(releasing tackle & break fitted)  
Boats two 19 ft life boats  
& one work boat  
Steering Chains, Size and Test 15/16 dia Test as per Rule  
Windlass Emmerson & Walton  
& Thompson Bros Ltd  
Ceiling in Holds, thickness and material none  
Cargo Battens, thickness, material and spacing none  
Cargo Hatchways. (Upper Deck) Plate coming 3'0" x 4'4" with 7" BA stiff  
T. RQD. Thickness of Hatches 2 1/2"  
Size of No. 1 Hatchway (Forward) 51'-6 3/4" x 22'-6" No. 2 60'-0" x 22'-6" No. 3 - No. 4 - No. 5 - No. 6 -  
Number of Shifting Beams and/or Fore and Afters 9 at N-1 11 at N-2

FOR THE BURNTISLAND SHIPBUILDING COMPANY LTD.

Builder's Signature

W. J. Day  
MANAGING DIRECTOR

GENERAL DECLARATION This Vessel has been built in accordance with the Approved Plans and in general conformity with the Rules.  
The material and the workmanship are good.  
Nine Approved plans, also one work plan of WT BHD 55, also two forging reports are forwarded herewith.  
The weather decks, D B Tanks, F & A Peak Tanks, BHD & WT doors & hand pumps have been tested as per rule & found satisfactory.  
The shell plates connecting Stern Frame are to Rule thickness.  
The Vessel has left for Newcastle with view to machinery being installed at that Port, all the survey in connection with Hull Survey has been completed at this Port with exception of testing Steering Engine & gear and Windlass under steam, and verification of freeboard; In connection with freeboard the marks are not yet on Vessel's side.

The amount of Entry Fee ..... £ 5 : 0 : 0 Fees applied for,  
Freeboard 5 : 0 : 0 22.6.26  
Special Survey Fee.... £ 133 : 8 : 0 Received by me,  
(NOTE. the gross Tonnage not yet assigned) 2.8.26  
Travelling Expenses, if any £ 3 : 11 : 3 19

I am of opinion the Vessel should be Classed +100A1.

with freeboard

State whether the Vessel has been built under Special Survey yes

Signature Tom Laward  
Surveyor to Lloyd's Register of Shipping.

Hull Certificate to be sent to Leith  
Mealy " Newc

Date of issue 10/8/26

Committee's Minute

TUES. 13 JUL 1926

Character assigned

100 A1 with Freeboard (See Spec. Pt. No. 50303)

Lloyd's & Co. + L.M.C. 6.26  
Cargo Battens not fitted  
C.L.

Wise

RG



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Lloyd's Register  
Foundation

2/2 4810-552010-962010 070246-010253-0187 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 Drop Test of Cast Steel Anchors, viz. :—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 17-0-3, KH, 3804, 31-3-26  
2nd ,, 17-0-14, KH, 3805, 31-3-26  
3rd ,, 14-3-26, KH, 3809, 31-3-26

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop        ft., R.Q.D. 128-02 ft., Bridge 15-0 ft., Forecastle 22-23 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) 1-D

Official No.        ; Signal Letters        If bottom of Vessel has been coated Inside yes give particulars of composition cement, solid in way of uniting

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <u>under Engines</u>	<u>17-5</u>	<u>25 1/4</u>	Fore peak tank, <u>Alpha part 72, Lower</u>	<u>22-0</u>	<u>90</u>
Double bottom, under Engines and Boilers, <input checked="" type="checkbox"/>			After peak tank, <u>6-0</u>	<u>6-0</u>	<u>73 1/4</u>
Double bottom, if under Engines only, <input checked="" type="checkbox"/>			Deep tank, aft, <input checked="" type="checkbox"/>		
Double bottom, if under Boilers only, <input checked="" type="checkbox"/>			Deep tank, forward, <input checked="" type="checkbox"/>		
Double bottom, forward, <u>of Machinery Space</u>	<u>142-25</u>	<u>526</u>	Other tanks, if fitted, <input checked="" type="checkbox"/>		
Total capacity of double bottom		<u>551 1/4</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. 1141

Date 19 Jan<sup>ry</sup> 1926

Dates of Surveys held while building

{ January 1926- 21, February 2, 17, 24,  
March 5, 11, 25, April 7, 15, 23, 30,  
May 7, 11, 12, June 2  
18, 21, 27

Total No. of Visits 18