

STEEL STEAMER or MOTORSHIP.

Received at London Office 20 OCT 1930

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 *15 October 1930* Port of *Leith* No. *14894*Survey held at *Burntisland* Date First Survey *25th April 1930* Last Survey *1st October 1930*On the *(State if Machinery fitted Aft and if Single, Twin or Triple Screw)* *the single screw steamer "TOLWORTH" (machinery aft)*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Raised Quarter Deck, Collier* State Type of Erections *RQD Bridge*TONNAGE under *1062.37* CLASS *+100A1* State if with freeboard *yes* Built at *Burntisland*Do. of space or spaces *-* Length from fore part of stem to after part of stern *L 225.0* Launched *25th April 1930* Yard No. *165*Total *1062.37* Breadth (greatest moulded) *B 36.32* Builders *The Burntisland S.S. Co. Ltd.*Gross Tonnage *1336.18* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 18.5* Owners *The Wandsworth Wimbleton and Exmouth District Gas Co.*Register Tonnage *719.66* 1st Longitudinal Number (L x D) *= ✓* Managers *(Where necessary to be entered in Reg. Book.)*REGISTERED DIMENSIONS, FEET. 2nd Numeral L x (B + D) *= ✓* Residence *London*Length *226.0* Framing Depth "d," at middle of length. See Sec. 3 (1d) *12.16* Port of Registry *London*Breadth *36.4* Proportions—Depth to Length—Uppermost continuous deck to top of keel *15.5 1/2* If surveyed while building, afloat, or in dry dockDepth *16.5* Draught Moulded *15.5 1/2* *while building.*

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	30		Bracket Floors, Frame <i>Revers 5</i>	8 3.38	
" " from 1/2 length to Collision bulkhead	27		IN WINGS		
" " in peaks	24		" " Reversed Frame	✓	
IDE FRAMING.			" " Vertical Struts		
Frame Amidships, Angle, <i>E</i> or <i>F</i>	7 3.34		Centre Girder, depth and thickness amidships	32.41	
" " Extends up to	RQD		" " top Angles	3 3.39 angle	
Reversed Frame Amidships, Angle	✓		" " bottom Angles	3 1/2 3 1/2.41	
" " Extends up to	✓		Side Girders, No. each side and thickness	<i>one 5 9 x 3 x 40 1/2 inch</i>	
Depth of Framing Girder	7		Margin Plate depth (excl. of flange) and thickness	64 1/2.40	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	✓		" " Vertical Angle to Tank side	38 in way of 27" spacing	
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	✓		" " Bracket abaft 1/2 len. from stem		
" " Third " " "			" " Vertical Angle to Tank side		
Framing in Peaks, Angle <i>E</i> or <i>F</i>	5 3.34		" " Bracket forward 1/2 len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 dia 3" apart etc		" " Gussets, spacing and scantling abaft 1/2 len. from stem		
State if Frame Joggled	<i>yes</i>		" " Gussets, spacing and scantling forward 1/2 len. from stem		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<i>one side stringer in F.P. Tank and WT. Flat</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Centre girder 15 double thickness Two plate girders P.S.</i>		INNER BOTTOM PLATING.		
DOUBLE BOTTOM.			Breadth and thickness of Middle Line Strake	83 1/2.50	
Frames, Depth and thickness at mid-line in Holds			Thickness of remainder in Holds	50.55	
Height of Brackets at side above base line at toe of frame			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>	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>			BEAMS. UPPER + QUARTER DECKS		
" " Through Plate or Intercoastal Plate	✓		Uppermost Continuous Deck, amidships	7 1/2 3.42 U.D.	
" " Foundation Plate on Floors			Through beams in Wolls, Angle, <i>E</i> or <i>F</i>	7 1/2 3.32 R.Q.D.	
" " Flat Plate Keel Angles			1/2 beams " in way of Bridge, Angle, <i>E</i> or <i>F</i>	4 1/2 3.30	
Keelsons, No. each side			Spacing	6 3.40 U.D.	
" thickness of Intercoastal Plate			Second Deck, amidships, Angle, <i>E</i> or <i>F</i>		
" Angles			Spacing		
DOUBLE BOTTOM.			Third Deck, amidships, Angle, <i>E</i> or <i>F</i>		
Floors, thickness and spacing	31 every frame		Spacing		
" Are Frame and Reversed Frame joggled?	50 in B.S.		Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>		
SOLID Bracket Floors, breadth and thickness at middle line	31 every 4" frame		Spacing		
" breadth and thickness at margin plate			POOP DECK Angle, <i>E</i> or <i>F</i>	5 3.25	
			BRIDGE DECK		
			Spacing	every frame	
			Bridge Deck, Angle, <i>E</i> or <i>F</i>		
			Spacing		
			Forecastle Deck, Angle, <i>E</i> or <i>F</i>	5 3.25	
			Spacing	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.
PILLARS, No. of Rows.....				
" in 'tween Decks, Size and Spacing.....				
" " " " " "				
" in Holds " "				
" " " " " "				
Centre Line Bulkhead.				
Stiffeners and Spacing.....				
Plating, thickness of				
STRINGERS AND DECKS. at RQD	73½	.39		
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	78	.46		
" " " " in way of Bridge	78	.42		
" Angle in Wells	at RQD 3½ 3½ .39			
	at Upper D* 3½ 3½ .46			
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				
Second Deck.				
Stringer Plate, breadth and thickness in Wells...				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness.....				
Fourth Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness				
Poop Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness ...				
Bridge Deck.				
Stringer Plate, breadth and thickness.....	33½	.30		
Plating, Sheathing, material and thickness ..	26	2½ Oregon P.		
Forecastle Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness ...	44	15.33		

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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.									
FLAT PLATE KEEL	58½	.52	.48	.48		Double	¾	3	Triple	¾	2 5/8	Lapped.	
" DBLG. (if any) ✓													
BOTTOM PLATING, No. A80¾		.49	.46	.45	A	Double	¾	3	Triple	¾	2 5/8	Lapped	
of Strakes ... 2	B75½	"	"	"	B	"	"	"	Double	"	"	"	
BILGE PLATING, No. of C56½		"	.45	.49	C	"	"	"	"	"	"	"	
Strakes ... 1					D	"	"	"	"	"	"	"	
SIDE PLATING, No. of D58¾		"	.39	.47	E	"	"	"	"	"	"	"	
Strakes ... 3	E59¾	"	"	.39	F	Double & S	"	"	"	"	"	"	
UPPER DECK, Sheer- F57½		"	"	"		Single	"	"	Triple	7/8	3/8	2 5/8	
strake in Wells ... 47	.51	"	"	"									
UPPER DECK, Sheer- strake in Bridge ...													
STRAKE BELOW Sheer- strake in Wells ...													
STRAKE BELOW Sheer- strake in Bridge ...	F57½	.49		.39		Single	¾	3	Triple	¾	2 5/8	Lapped	
RQD				.39		"	"	"	"	"	"	"	
POOP SIDE PLATING ... 51	.49												
RQD / Sheer Strake													
BRIDGE SIDE PLATING ... 39½	.30												
FOREC'TLE SIDE PLATING			.30						Single	¾	2 5/8	Lapped	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)..... 4					
,, Deck next below..... ✓					
As per Rule..... 4					
		STIFFENERS.			
Plating Thickness.	VERTICAL.		HORIZONTAL.		
	Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D, Upper tween decks					
" " Second "					
" Frame " Third N ^o 25	44	26	9x38	27½	6
" " Hold N ^o 55	36	26	10x3½	40	30 6
" " (in Hold)	39	30	5x3x26 6x3x36	24	6 one plate
AFTER PEAK " "	50	30	7½x3x36	24	6

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure approved plan to be noted
KEEL, Bar				
STEM				
STERN FRAME {				
{ Propeller Post				
{ Rudder "				
RUDDER—A x D.....				
Speed of Vessel.....				
RUDDER mainpiece at head ...				
" " heft				
" how constructed				
" double or single plate				
" coupling, vertical or				
" horizontal				

AFTER PEAK	" " " "	" " " "	" " " "	
STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>Dorman Long & Co. Ltd.</i> <i>James Dunlop & Co. Ltd. Cleveland Steel Works. Pearse & Partners. (Co.)</i>			
	Has the Steel been tested as required by the Rules? <i>yes</i>			

EQUIPMENT No. 13299

LETTER O

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.				
45527	1st Bower	28	2	16				27	11	3	14	28	Anchor grip	Graddley Heath	30/6/30 L.P.
45528	2nd "	27	2	18				26	16	3	14	28	"	"	"
45530	3rd "	24	1	7				24	4	0	7	24	"	"	"
	Collective weight.	80	3	13								80			
45574	Stream	8	3	21				11	2	2	0	8 3/4	Anchor grip	"	10/7/30

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.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
44780	240	1 7/8	43 8/10	61 3/5	298	2	21	298	3/4	SL Bttingley & Sons	Graddley Heath	14/7/30 L.P.	TOWLINE	90	3 1/2	22	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 or Steel Wire	75	1	18	17	38	1	2	38 1/4		SL	Graddley Heath	14/7/30 L.P.	"					

Steering Gear, Steam *Donkin & Co. Ltd. (Teller motor control)* Steering Gear, Hand *Donkin & Co. Ltd.*
Boats *2 life boats* Steering Chains, Size and Test *1 dia 12 Tons* Windlass *Clacke Chapman & Co. Ltd.*
Ceiling in Holds, thickness and material *none* Cargo Battens, thickness, material and spacing *none*
Cargo Hatchways. (Upper Deck) *3' 0" flat coaming with 7" P thickness* Thickness of Hatches *2 1/2"*
Size of No. 1 Hatchway (Forward) *51' 6 3/4"* No. 2 *60' 0"* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*
Number of Shifting Beams and/or Fore and Afters *N. 1, 9* *N. 2, 11*

FOR THE BURNTISLAND SHIPBUILDING COMPANY LTD.

Builder's Signature

MANAGING DIRECTOR.

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel ☒ (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ☒ 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 and in general conformity with the Rules. The material & workmanship is good. The weather decks, the double bottom tanks, the fore & after peak tanks have been tested in accordance with the Rule Requirements with satisfactory results, also the W.T. bulkheads - the shell plating to stern frame is of Rule thickness. The following plans are forwarded herewith: - Midship Section. Profiles & Decks. Stem & Bulwark Frames. Stream line plates. Quadrant Tiller. Arrangement of W.T. Bulkhead frame N. 55. Also two reports on forgings & one report on casting - the fore & aft masts have been cut upon the Vessel's sides and Verified.

Note: - The Vessel has left for Sunderland (under tow) at

The amount of Entry Fee £ 5 : 0 : 0

Fees applied for, 21.10.30 + 8-10-1930

Special Survey Fee.... £ 133.14 : 0

Received by me, 1.12.1930

Travelling Expenses, if any £ 2 : 8 : 0

Insurance 434

Whether the Vessel has been built under Special Survey

yes

Certificate to be sent to *Lith & Full*

Date of issue 2/12/30

Committee's Minute

TUE. 28 OCT 1930

Character assigned

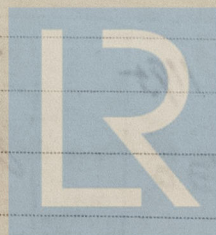
+ 100A1 with freeboard

Cargo battens not fitted

+ L.M.C. 10.30

Lloyd's A & C.P.

C.L.



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Lloyd's Register Foundation

0364 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.)

which Port the machinery is to be installed, the survey on the hull of this vessel has been completed at the Port with exception of fitting the deck and canings in way of machinery openings, and the fitting of the steering gear, windlass, & the W.T. door.

Surveyor of Sunderland & District
Official No. 1195

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

1st Bower	15-3-6	A.B.	2589	30/1/30
2nd "	15-2-8	A.B.	2956	23/5/30
3rd "	13-1-11	A.B.	2485	30/12/29

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop \checkmark ft., R.Q.D. \checkmark ft., Bridge \checkmark ft., Forecastle \checkmark 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) \checkmark 10.4/100.

Official No. ; Signal Letters

Is bottom of Vessel coated with cement \checkmark yes if not

particulars of composition \checkmark solid in way of printing

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Cap. Tons.
Double bottom, aft, \checkmark Under Engines	17.5	25 $\frac{1}{4}$	Fore peak tank, \checkmark Upper 72 Ton, Lower 90 =	22-0	162
Double bottom, under Engines and Boilers,			After peak tank,	6-0	7 $\frac{3}{4}$
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, \checkmark Machinery Space	142.25	526	Other tanks, if fitted,		
		Total capacity of double bottom	(If necessary, furnish further information by sketch.)		
		551 $\frac{1}{4}$	* The wells are not to be included in the lengths of the tanks.		

Order for Special Survey No. 1195

Date 22/3/30

Dates of Surveys held while building

1930
April 25, May 2, 6, 9, 13, 16, 20, 23, 27, 30.
June 6, 10, 20, 24, 27
Aug 1, 8, 15, 25, 29
Sept 5, 11, 16, 23, 25

Total No. of Visits 3