

STEEL ~~STEAMER~~ MOTORSHIP.

Received at London Office 20 OCT. 1926

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

14th October 1926.

Port of

Glasgow

No. 46030.

Survey held at

Glasgow

Date First Survey

27th August 1925

Last Survey

7th October 1926.

On the

(State if Machinery fitted Aft and
if Sails, Mast or Triple Screw)

Iron Screw Motorship "SHROPSHIRE"

State Type

(Full Sailing Complete Superstructure
with or without Tonnage Openings)

Full Sailing

State Type of Erections

Poop, Bridge, etc.

TONNAGE under
Tonnage Deck

5445.25

CLASS 100. A.1.

State if with freeboard
as condition of Class

No.

Built at

Govan, Glasgow

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

2241.83

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

L 482.0

Total

7734.57

Breadth (greatest moulded) B 60.0

Gross Tonnage

10559.58

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

D 36.25

Register Tonnage

6628.71

1st Longitudinal Number (L x D) = 17472.5

Managers

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

2nd Numeral L x (B + D) = 46392.5

Residence Liverpool

REGISTERED DIMENSIONS.

FEET.

Length

483.6

Breadth

60.3

Depth

31.85

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

14.29 fm

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

14.79 aft

Do. Long Bridge to top
of keel

10.77

Draught Moulded

28'-11 1/2"

Port of Registry Liverpool

If surveyed while building, afloat, or in dry dock

Building, afloat 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.
FRAMES, Spacing amidships	30"		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	27"		" " Reversed Frame		
" " in peaks	24"		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	47 1/2 x 61	
Frame Amidships, Angle, [or]	9 x 3 1/2 x 3 1/2 = 40/55	appd. 34	" " top Angles	double 3 1/2 3 1/2 .60	appd. 56
" " Extends up to	Upper Dk.		" " bottom Angles	double 5 5 .69	appd. 65
Reversed Frame Amidships, Angle	3 1/2 3 .40	appd. 34	Side Girders, No. each side and thickness	2 @ .44	
" " (3/4 flange to frame)			Margin Plate depth (excl. of flange) and thickness	38 x 56	
" " Extends up to	Lower Dk.		" " Vertical Angle to Tank side	3 1/2 3 1/2 .48	
Depth of Framing Girder	9"		" " Bracket abaft 1/2 len. from stem clear of machinery space	single 4 3 1/2 .50	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side	4 3 1/2 .50	
" " Second 'tween Decks, Angle, [or]	✓		" " Bracket forward 1/2 len. from stem in way of machinery space	double 4 3 1/2 .50	
" " Third " " " "	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	Continuous plate .48	
Framing in Peaks, Angle or [9 1/2 3 1/2 .48		" " Gussets, spacing and scantling forward 1/2 len. from stem	73 1/2	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 @ 5 1/4		Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	Yes		INNER BOTTOM PLATING.		
ANTING ARRANGEMENTS (Sec. 7), state system and particulars	hels + 5 tungs See appd. Plan.		Breadth and thickness of Middle Line Strake	55 1/2 x 55	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	as per appd. Plan.		Thickness of remainder in Holds	.47	
ANGLE BOTTOM.			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?	Yes	
Floors, Depth and thickness at mid-line in Holds			BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	7 x 3 1/2 x 3 1/2 = 42/50	
Middle Line Keelson, on Floors, Angles, [or]			" " in way of Bridge, Angle, [or]	7 x 3 1/2 x 3 1/2 = 34/50	
" " Through Plate or Intercoastal Plate			" " Spacing	30"	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, [or]	8 x 3 1/2 x 3 1/2 = 37/52	
" " Flat Plate Keel Angles			" " Spacing	30"	
Side Keelsons, No. each side			Third Deck, amidships, Angle, [or]	8 x 3 1/2 x 3 1/2 = 37/52	
" " thickness of Intercoastal Plate			" " Spacing	30"	
" " Angles			Fourth Deck, amidships, Angle, [or]	✓	
DOUBLE BOTTOM.			" " Spacing	✓	
Mid Floors, thickness and spacing	.44 @ 30"		Poop Deck, Angle, [or]	7 x 3 x 3 = 37/47.5	appd. 34
" " Are Frame and Reversed Frame joggled?	Frames only		" " Spacing	30" + 24"	
Bracket Floors, breadth and thickness at middle line	✓		Bridge Deck, Angle, [or]	7 x 3 1/2 x 3 1/2 = 34/50	
" " breadth and thickness at margin plate	✓		" " Spacing	30"	
			Forecastle Deck, Angle, [or]	7 x 3 1/2 x 3 1/2 = 50/50	
			" " Spacing	27" + 24"	

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.....	Two		Stringer Plate, breadth and thickness in way of Bridge	50½ x 39	
„ in 'tween Decks, Size and Spacing.....	wide spaces		Thickness of Plating abreast Deck openings in way of Wells	41	
„ „ „ „ „	pillars		Thickness of Plating abreast Deck openings in way of Bridge	35	
„ in Holds „ „ „	see app. plan		Thickness of Plating within line of openings... do. in way of Bridge	35 33	
„ „ „ „ „			If Sheathed, material and thickness		
Centre Line Bulkhead.	✓		Third Deck.		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....	50½ x 39	
Plating, thickness of	✓		If Plated, state thickness.....	35, 33 x 30	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	65 x 1.14		If Plated, state thickness	✓	
„ „ „ „ in way of Bridge	50½ x 45		Poop Deck.		
„ Angle in Wells	8 8 1.00	app 7 x 7 = 1.05	Stringer Plate, breadth and thickness	38½ x 30	
Thickness of Plating abreast Deck openings in way of Wells	74		Plating, Sheathing, material and thickness ...	26; 3" P.P.	
Thickness of Plating abreast Deck openings in way of Bridge	41		Bridge Deck.		
Thickness of Plating within line of openings... do. in way of Br.	46 35		Stringer Plate, breadth and thickness.....	72 x 65	app 65" wide
If Sheathed, material and thickness	P.P. 3		Plating, Sheathing, material and thickness ...	50; 2½" teak	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	50½ x 45		Stringer Plate, breadth and thickness.....	36 x 38	
			Plating, Sheathing, material and thickness ...	36; 3" P.P.	

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.		BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.	State if jogged?		NO. OF ROWS OF RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.	SINGLE OR DOUBLE.	RIVETS. Diam. Spacing cr. to cr.	Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL	54	.92	.90	.90	app 71 - 82 x 23 no doubling	double 1" 3¾"	Quadruple	1 4	single straps
„ DBLG. (if any)62	for 3/8 length	„ .60			Triple	1 4	single straps
BOTTOM PLATING, No. of Strakes72	1 - 53	.72	„ 71 - 52 x 23	double 7/8 3½"	Quadruple	7/8 3½"	overlaps
BILGE PLATING, No. of Strakes72	.58	.80	„ „ „ 0 and	„ 7/8 3½"	do	7/8 3½"	do
SIDE PLATING, No. of Strakes70	.49	.49	„ .69 - 48 x 23	„ 7/8 3½"	do	7/8 3½"	do
UPPER DECK, Sheer-strake in Wells.....	52	1.06	.60	.49	405 - 48 x 23	„ lower edge 1½ 4 7/8	Quintuple	1½ 5 7/8	do
UPPER DECK, Sheer-strake in Bridge70				„ upper edge 7/8 3½"	Quadruple	7/8 3½"	do
STRAKE BELOW Sheer-strake in Wells.....	61	.91	.60	.49	app 52" wide and 90 - 48 x 23	„ lower edge 1 3¾"	Quintuple	1 4½"	do
STRAKE BELOW Sheer-strake in Bridge70	✓	✓		„ upper edge 7/8 3½"	Quadruple	7/8 3½"	do
POOP SIDE PLATING		✓	✓	.42		Single ¾ 3	Single	¾ 2 7/8	do
BRIDGE SIDE PLATING70	✓	✓		double 7/8 3½"	Quadruple	7/8 3½"	do
FORECASTLE SIDE PLATING		.70	.44	✓		Single ¾ 3	Single	¾ 2 7/8	do

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	8
Extending to Upper Deck (Sec. 3 c)	Upper Deck
„ Deck next below	none
As per Rule	8.

STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings	Spacing.	Scantlings	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	.26 x .87	5½ x 3	34 O.A. @ 30"		
„ „ Second „	.30 x .31	6 x 3	35 O.A. @ 30"		
„ „ Third „	„	„	„		
„ „ Holds34 x .43	11 x 3½	46 O.A. @ 30"		
COLLISION „ (in Hold)33 x .53	9 x 3½	48 O.A. @ 24"		
AFTER PEAK „ „36 x .53	9 x 3½	40 O.A. @ 24"		

FORGINGS and CASTINGS.

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

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *South Durham S.S. Co.*
The Lancashire Steel Co., Wm. Beadmore & Co., Cargo Fleet Iron Co., Steel Co. of Scotland, D. Colville & Sons
Lt. Pease & Partners Ltd., Dorman Long & Co. Ltd.
 Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT No. 51268										LETTER e+	ANCHORS.		20 OCT 1926			
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.				
88334	1st Bower ...	85	2	0	stockless				61	10	0	0	81½	Halls (C.S. Head)	Hingley	Netheaten; 26/4/26; H. Green
88336	2nd „ ...	85	3	21.	do.				61	10	0	0	81½	do.	do.	do. do do.
88337	3rd „ ...	85	0	10	do.				61	10	0	0	81½	do.	do.	do. do do.
	Collective weight.	256	2	3									✓ 244½			
88285	Stream	25	0	6	6	2	15	24	17	0	21		Ordinary (Anglo W.S.)	do.	do	3/4/26 do.

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.	Stator.	Break- ing.	Supplied.	Per Rule.			Length. Diam.					Length. Cir.			Length. Cir.			
80068	135-83 2 1/4	116.7	163.37	445.0.7				300	2 1/4	Stud	Hingley.	Netheaten; 27/4/26; H. Green	LOWLINE	130	6	85	130	6	
80060	135-83 2 1/4	116.7	163.37	445.0.7					do	do	do	do	2e120	5	59	2e100	2 3/4		
80070	15 2 5/8	120.9	169.25	58.0.7					do	do	do	do	2e120	4 1/2	39	2e100	2 3/4		
80069	15 2 5/8	120.9	169.25	58.1.0					do	do	do	do	2e120	3 1/2	26				
Stream (Steel Wire)	120 5 1/2	65		1086.2.2				120	5 1/2	R.S. Harland & W. Ltd.			2e120	3	18				

Steering Gear, Steam	Electric Hydraulic by Brown Bros.	Steering Gear, Hand	none	
Boats	100 26.0 x 8.0 x 3.25; 20 22.0 x 7.25 *2.75; 2 1/2 in lifeboats 28.0 x 8.5 x 2.5	Steering Chains, Size and Test	none	
Ceiling in Holds, thickness and material	none	Electric Windlass	by Wilson, Liverpool - J.C.B.H.P.	
Cargo Hatchways. — (Upper Deck)	Coamings 52, 30" above wood dk.	Cargo Battens, thickness, material, and spacing	6" 1 3/4" W.P. @ 12" centres and 3" for frame space @ 3" 1/4 W.P. vertical	
Thickness of Hatches	3"			
Size of No. 1 Hatchway (Forward)	11.25 x 12.0	No. 2	26.5 x 16.0	
	No. 3	14.25 x 16.0	No. 4	11.75 x 16.0
	No. 5	17.5 x 14.0	No. 6	15.0 x 12.0
Number of Shifting Beams and/or Fore and Afters	2 in No. 1 & 4, 6 in No. 2, 3 in No. 3, 5 & 6.		No fore and afters	
THE FAIRFIELD SHIPBUILDING AND ENGINEERING CO. LIMITED.				
Builder's Signature				

GENERAL DECLARATION	<p>The materials & workmanship are good. The vessel has been built in accordance with the approved plans & instructions, the Secretary's letters of various dates, and in conformity with the Rules for the class contemplated.</p> <p>The vessel is constructed to carry oil fuel in Nos 1, 2, 3, 4, 5 & 6 SB Tanks & in Fore Peak</p> <p>The tanks, decks, bulkheads, tunnels, & W.T. door have been tested in accordance with the Rules, and the requirements of Sec. 35 of the Rules have been complied with where applicable</p> <p>The freeboard has been verified and the freeboard marks cut in on the vessels sides.</p>
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Freeboard £	15. 0. 0	Fees applied for,	
The amount of Entry Fee	£ 12. 0. 0	16-10-25	
Special Survey Fee	£ 457. 0. 0	Received by me,	
Travelling Expenses, if any	£ :	4-8-27	
State whether the Vessel has been built under Special Survey	Yes.	Signature	Geo. Webster
Certificate to be sent to	Glasgow	Surveyor to Lloyd's Register of Shipping.	
Date of issue	12/27		

Committee's Minute	GLASGOW 19 OCT 1926
Character assigned	+100.A1
	10.26. CD.
	Lloyd's A.R.C.P.
	+L.M.C. 10.26.

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

W1175-0176 3/2

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.)

- Plans enclosed:-
- Midship Section
 - Profile & House tops
 - Beams over Dining Saloon
 - Stiffening fwd. of $\frac{3}{5}L$.
 - Upper, Bridge, & Boat Dks
 - Tank Top, Lower & Middle Dks
 - Rudder, Stem Frame & Shaft Brackets
 - Stem
 - Painting Arrangements
 - Traming Pillars & Girders in mach. Space
 - Bulkheads
 - Pumping Plan
 - Pillaring arrangements - Profile
 - do Decks
 - Tank Top Plating Girders &c in Machinery Space
 - Boased Traming
 - Sheel Expansion
 - Stem Traming
 - Amended Cargo Hatches
 - E & B. Casings above upper Dk.
 - Steel Work
 - Deck houses
 - Construction in way of No. 4 hatch
 - Steering Gear
 - Viller

A plan of midship section as built is also enclosed, together with the
Forging & Casting reports.

Note. Please return plans for dealing with sister ships.

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

1st Bower	52. 1. 24 ; M.R. ; 516 ; 25/3/26.
2nd "	52. 1. 24 ; M.R. ; 518 ; 25/3/26
3rd "	52. 1. 8 ; M.R. ; 517 ; 25/3/26.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 51.25 ft., R.Q.D. ✓ ft., Bridge 265.0 ft., Forecastle 78.0 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) 3 dks (stl.) upper Dk sheathed $2\frac{1}{2}$ inch
Pt. Cem.

Official No. 149601 ; Signal Letters

Is bottom of Vessel coated with cement Partly. if not given

particulars of composition No. 7, 8, 9 & 10 + Piston Cooling D.B. tanks and aft. Peak Cemented; remainder coated with mineral

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	salt Water Capacity. Tons.	Where Fitted.	Length. Feet.	salt Water Capacity. Tons.
Double bottom, aft, 429 tons F.W.	127.5	441	Fore peak tank, 46 tons O.F. or 54 tons W.B.	26.25	54
Double bottom, under Engines and Boilers,			After peak tank, 110 tons F.W.	21.25	113
Double bottom, if under Engines only, 338 tons Oil	57.5	386	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, 785 tons Oil	219.5	897	Other tanks, if fitted,		
	Total capacity of double bottom	1724	(If necessary, furnish further information by sketch.)		

Total length of D.B. = 404.5 ft.

Order for Special Survey No. 5727

Date 25.9.25.

Dates of Surveys held while building

1925. Aug 27-31. Sept 3. 7-11-17-24. Oct 1-6-8-12-15-20-27. 30 Nov 4-12-15-19-24. Dec 1-3-5-11-15-18-23-27
1926. Jan 5-13-18-21-26. Feb 1-4-8-11-17-22-25. Mar 2-5-9-12-15-18-24-26-29-30-31
Apr 7-9-14-15-19-21-23-24-27-30. May 3-4-6-7-10-12-13-15-17-18-21-24-27-31. June 4-8-10-11-14-15-18-21-24-27-30-31
18.22-24-25-29 July 1-5-7-9-12-14-30. Aug. 23-24-27-31. Sept 3-6-8-10-14-15-18-21-24-27-30. Oct 5-7.

Total No. of Visits 11