

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows.....	Two	
" in 'tween Decks, Size and Spacing....	4 spaces apart in bridge widely	
" " " " "	Spaced Pillars	
" in Holds " "	See app ^d plans	
" " " " "		
Centre Line Bulkhead		
Stiffeners and Spacing.....		
Plating thickness of		
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells	65 x 1-14	
" " " " in way of Bridge	50½ x ¼"	
" Angle in Wells	8 8 1-0 app 7x7x1-05	
Thickness of Plating abreast Deck openings in way of Wells	7¼ ¾"	
Thickness of Plating abreast Deck openings in way of Bridge	¼"	
Thickness of Plating within line of openings... <i>do in way of Bridge.</i>	¼" ¾"	
If Sheathed, material and thickness	P.P. 3'	
Second Deck.		
Stringer Plate, breadth and thickness in Wells...	50½ x ¼"	
Stringer Plate, breadth and thickness in way of Bridge	50½ x ¾"	
Thickness of Plating abreast Deck openings in way of Wells	¼"	
Thickness of Plating abreast Deck openings in way of Bridge	¾"	
Thickness of Plating within line of openings... <i>do in way of Bridge.</i>	¾" ¾"	
If Sheathed, material and thickness		
Third Deck.		
Stringer Plate, breadth and thickness.....	50½ x ¾"	
If Plated, state thickness.....	¾" ¾" ¾"	
Fourth Deck.		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness		
Poop Deck.		
Stringer Plate, breadth and thickness	38½ x ¾"	
Plating, Sheathing, material and thickness ...	¾" 3" P.P.	
Bridge Deck.		
Stringer Plate, breadth and thickness.....	72 x 65	app 65" wide
Plating, Sheathing, material and thickness ...	¾" 2" Teak	
Forecastle Deck.		
Stringer Plate, breadth and thickness.....	36 x ¾"	
Plating, Sheathing, material and thickness ...	¾" 3" P.P.	

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>No</i>			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	54	.92	.90	.90	app. 71 "82 @ ends no doubling	double	1	3 ³ / ₄	Quadruple	1	4	Single Shape	
„ DBLG. (if any)		62 for ² / ₃ length			" 60				Treble	1	4	do	
<i>A.B.C.D.</i> BOTTOM PLATING, No. of Strakes72	<i>50</i> ⁷³ / ₁₆ <i>53</i>	.72	" 71 .52 @ ends	double	⁷ / ₈	3 ⁵ / ₈	Quadruple	⁷ / ₈	3 ¹ / ₂	Overlaps	
<i>E.F.</i> BILGE PLATING, No. of Strakes72	.58	.80	" " " "	"	"	"	"	"	"	"	
<i>G.H.I.K.L.</i> SIDE PLATING, No. of Strakes70	.49	.49	" 69-48 @ ends	"	"	"	"	"	"	"	
UPPER DECK, Sheer- strake in Wells.....	52	1.06	.60	.49	" 105-48 @ ends	double lower edge	1 ¹ / ₈	4 ⁷ / ₈	Quintuple	1 ¹ / ₈	5 ¹ / ₈	"	
UPPER DECK, Sheer- strake in Bridge70	✓	✓	" 69	" upper and lower edges	⁷ / ₈	3 ⁵ / ₈	Quadruple	⁷ / ₈	3 ¹ / ₂	"	
STRAKE BELOW Sheer- strake in Wells.....	61	.91	.60	.49	app. 52" wide x .90 to .48 @ ends	" lower edge	1	3 ³ / ₄	Quintuple	1	4 ¹ / ₂	"	
STRAKE BELOW Sheer- strake in Bridge70	✓	✓		" upper and lower edges	⁷ / ₈	3 ⁵ / ₈	Quadruple	⁷ / ₈	3 ¹ / ₂	"	
POOP SIDE PLATING		✓	✓	.42		Single	3/ ₄	3	Single	3/ ₄	2 ⁵ / ₈	"	
BRIDGE SIDE PLATING74	✓	✓	app. .72	double	⁷ / ₈	3 ⁵ / ₈	Quadruple	⁷ / ₈	3 ¹ / ₂	"	
FOREC'TLE SIDE PLATING		✓	.44	✓		Single	³ / ₄	3	Single	3/ ₄	2 ⁵ / ₈	"	

WATERTIGHT BULKHEADS.

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

			Plating Thickness.	STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
115-	MIDSHIP BULKH'D,	Upper tween decks	26-27	5 1/2 x 34	30		
"	"	Second	30-31	6-3 x 35	30		
"	"	Third		B.A.			
"	"	Holds	34-43	11 x 3 1/2 x 46	30		
				B.A.			
			33-53	9 x 3 1/2 x 48	24		
				B.A.			
			33-53	9 x 3 1/2 x 4	24		
				B.A.			

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		<i>Flat plate keel</i>		
STEM	<i>{ Rolled bar</i>	<i>10$\frac{3}{4}$ x 2$\frac{7}{8}$</i>	<i>Springfield</i>	
	<i>{ Casting</i>		<i>Steel Co.</i>	
STERN FRAME { Propeller Post	<i>{ Casting</i>	<i>See plan</i>	<i>Hauschild & Sohn</i>	
{ Rudder "	<i>{ Forging</i>	<i>1275</i>	<i>Haniel and Aug</i>	
RUDDER—A x D		<i>15 Knots</i>		
Speed of Vessel		<i>16" dia</i>		
RUDDER mainpiece at head		<i>12" "</i>		
" " heel				
" how constructed		<i>Built, arms shrunk & keyed on</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) *(Open Hearth Process)*
Lanarkshire Steel Coy. South Durham, Beardmore & Co. Carr's Heat Iron Co. D. Colville & Sons

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

EQUIPMENT No. <i>51268</i>												LETTER <i>Ct</i>		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.				
<i>88813</i>	<i>1st Bower ...</i>	<i>86</i>	<i>2</i>	<i>5</i>	<i>Stockless</i>			<i>61</i>	<i>17</i>	<i>2</i>	<i>0</i>	<i>85½</i>	<i>Halls C.S. Head</i>	<i>Hingley & Sons</i>	<i>Hetherington</i>	<i>13/31</i> <i>Green</i>
<i>88814</i>	<i>2nd „ ...</i>	<i>86</i>	<i>0</i>	<i>7</i>	<i>do</i>			<i>61</i>	<i>17</i>	<i>2</i>	<i>0</i>	<i>85½</i>	<i>do</i>	<i>do</i>	<i>do</i>	<i>27</i> <i>do</i>
<i>88859</i>	<i>3rd „ ...</i>	<i>85</i>	<i>1</i>	<i>0</i>	<i>do</i>			<i>61</i>	<i>10</i>	<i>0</i>	<i>0</i>	<i>85½</i>	<i>do</i>	<i>do</i>	<i>do</i>	<i>29/3/27</i> <i>do</i>
	<i>Collective weight.</i>	<i>257</i>	<i>3</i>	<i>12</i>								<i>256½</i>				
<i>88537</i>	<i>Stream</i>	<i>25</i>	<i>0</i>	<i>21</i>	<i>6</i>	<i>1</i>	<i>24</i>	<i>24</i>	<i>19</i>	<i>1</i>	<i>14</i>	<i>25</i>	<i>Ordinary</i>	<i>do</i>	<i>Hetherington</i>	<i>29/10/27</i> <i>Green</i>

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.	Stains-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.		Length.	Cir.		
80348	135	2 1/4	16	14	18	7	445	2	17		Steel	Hingley & Sons	Hetherington 12/31	Green	TOWLINE	130	6	85	130	6	
80195	135	2 1/4	16	14	18	7	445	2	17		do	do	do	do	HAWSERS & WARPS	2-120	5	59	2-100	5	
80204	15	2 5/8	120	18	169	5	57	0	23		do	do	29/3/27	Wingfield		do	2-120	4 1/2	39	2-100	4 1/2
80494	15	2 5/8	120	18	169	5	57	0	23		do	do	30/3/27	Green	"	2-120	3 1/2	26			
Iron Steam Chain or Steel Wire	120	5 1/4					1005	2	12		Steel	Hingley & Sons			Manila	2-120	7 1/2	18			

Steering Gear, *Steam Electric Hydraulic by Brown Bros* Steering Gear, Hand *none*

Boats *14* Steering Chains, Size and Test *none* Electric Windlass *by Wilson, Liverpool*

Ceiling in Holds, thickness and material *none* Cargo Battens, thickness, material and spacing *6 x 1 1/4 WT. @ 12" centres horizontal 3 per frame spaced @ 3 x 1 1/4 WT.*

Cargo Hatchways.-(Upper Deck) *Coornings 52, 30" above wood dk* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *11'25" x 12'* No. 2 *26'5" x 16'0"* No. 3 *14'25" x 16'* 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 N° 1 & 4, 6 in N° 2, 3 in N° 3, 5 and 6. No fore and afters*

THE FAIRFIELD SHIPBUILDING AND ENGINEERING CO., LIMITED.

Builder's Signature *[Signature]* MANAGER

GENERAL DECLARATION *The materials and workmanship are good. The vessel has been built in accordance with the approved plans, the Secretary's letter of various deks, and in conformity with the Rules for the Class contemplated. The vessel is constructed to carry oil fuel in N° 1, 2, 3, 4, 5 and 6 S.O. tanks and in fore peak. The tanks, decks, bulkheads, tunnels and 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. The freeboard has been verified and the freeboard marks cut in on the vessels sides*

Freeboard 14-13-4

The amount of Entry Fee £ *12* : 0 : 0 Fees applied for, *14 JUL 1927*

Special Survey Fee... £ *457* : 0 : 0 Received by me, *6 10 1927*

I am of opinion the Vessel should be Classed *100, A.1*

Travelling Expenses, if any £ *yes.*

State whether the Vessel has been built under Special Survey *yes.* Signature *George Nicol Geo. Webster.*

Certificate to be sent to *GLASGOW* Date of issue *7/10/27* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *GLASGOW 26 JUL 1927*

Character assigned *100A1*

7.27 Lloyd's A+C.P.

+ LMC 7.27

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 the Plans should be embodied.)

The following plans enclosed

Midship Section

Profile and House tops

Beams over Dining Saloon

Stiffening forward of $\frac{3}{5}$ length

upper, Bridge & Boat Decks

Tank Top, lower and middle decks

Rudder, Stern frame, and Sheer Brackets

Stem

Painting Arrangements

Framing, Pillars and Girders in Machinery Space

Bulkheads

Pumping Plan

Pillaring Arrangements - Profile

do - Decks

Tank top plating, Girders &c in hatch space

Bossed Framing

Shell Expansion

Stern Framing

Armeded Cargo Hatches

E & B Casings above upper deck

Steel masts

Deck Houses

Construction in way of N. H. Hatch

Steering Gear

Tiller

Plan of Midship Section of Vessel as built is also enclosed together with the forging and casting certificates

The Vessel is a Sister Ship to the Twin Screw Motorship "Shropshire" the same builders N. 619. (See also report N. 46030)

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

1st Bower	54.1.17	M.R.	538	21 st & 24 th Jan ^y 1927
2nd "	53.3.5	M.R.	534	do do
3rd "	54.2.27	M.R.	539	do do

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 57.25 ft., R.Q.D. ☒ ft., Bridge 265 ft., Forecastle 78 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 (Stk) upper dk sheathed 3rd Pb cement

Official No. 149626; Signal Letters
 Is bottom of Vessel coated with cement Partly if not give particulars of composition N. 7.8, 9 & 10 Double Bottom tanks and aft peak, cemented, remainder coated with mineral oil. Piston cooling tank coated with copper

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft, 429 tons F.W.	140.0	441		Fore peak tank, 48 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	845		Other tanks, if fitted,			
Total capacity of double bottom			1724	(If necessary, furnish further information by sketch.)			

Total length of DB = 417.0

Order for Special Survey No. 5728

Date 25.9.25

Dates of Surveys held while building

1925. Dec. 18-23 1926 Jan. 8-13/8-21/26 Feb. 1-6-8-11-17-25 Mar. 2-5-9-15-19-24-27 Apr. 9-14-18-19-22-27 May 3-7-10-14-17-24-27 Jun. 4-8-15-18-22-25-29 July 1-3-7-9-12-29-31 Aug. 4-9-13-19-24-27-31 Sep. 2-5-10-14-18-19-22-27 Oct. 5-11-12-18-21-27 Nov. 1-3-4-5-9-10-15-16-19-22-24-29 Dec. 1-2-3-8-14-20-24-29 1927. Jan. 11-13-18-20-25-28 Feb. 3-7-11-17-21-25 Mar. 2-11-16-20-24-30-31 Apr. 1-4-6-11-12 May 2-11-12-13-16-23-20 Jun. 1-7-14-15-22-24-30 July 10-14-15-22-24-30

Total No. of Visits 139