

STEEL STEAMER ~~OR MOTORSHIP~~

Received at London Office 24 OCT 1928

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

17TH OCTOBER 1928.

Port of

GLASGOW.

No. 48510

Survey held at

TROON.

Date First Survey

3RD MAY.

Last Survey

17TH OCTOBER 1928.

On the (State if Machinery fitted Air and if Single, Twin or Triple Screw)

STEEL SINGLE SCREW STEAMER

"THE COUNTESS"

(MACHINERY AFT.)

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

FULL SCANTLING.

State Type of Erections R.Q.D. BRIDGE & E.C.E.

TONNAGE under Tonnage Deck

560.98

CLASS

+ 100 A.I.

State if with freeboard as condition of Class

No

Built at

TROON.

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 195.0

Launched 2ND OCTOBER 1920 Yard No. 406.

Total

560.98

Breadth (greatest moulded)

B 30.25

Builders AILSA S. B. CO LTD.

Gross Tonnage

823.95

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

D 14.17

Owners J. HAY & SONS LTD.

Register Tonnage

404.76

1st Longitudinal Number (L x D) = 2763

Managers

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

2nd Number L x (B + D) = 8661

Residence

REGISTERED DIMENSIONS.

FEET.

Length

195.1

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

11.66 x 15.66

Port of Registry GLASGOW.

Breadth

30.35

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

13.76

If surveyed while building, afloat, ~~AND~~ in dry dock

Depth

12.1

Draught Moulded

13.5 3/4

YES.

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	22		Bracket Floors, Frame		
" " from 3/8 length to Collision bulkhead	22		" " Reversed Frame		
" " in peaks	22		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	30	.39
Frame Amidships, Angle, E or F	* 6 3 .36	APP. 6 x 3 x .32	" " top Angles	SINGLE 3	3 .38
" " Extends up to	UPPER DECK		" " bottom Angles	SINGLE 3	3 .39
Reversed Frame Amidships, Angle	* 1920 B.S.S.		Side Girders, No. each side and thickness	1	.29
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	27	.33
Depth of Framing Girder	6		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			Bracket abaft 1/4 len. from stem	3	3 .30
" " Second 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side		
" " Third " " " "			Bracket forward 1/4 len. from stem	3	3 .30
Framing in Peaks, Angle	5 3 .37		" " Gussets, spacing and scantling abaft 1/4 len. from stem	NONE	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 5/4		" " Gussets, spacing and scantling forward 1/4 len. from stem	NONE	
State if Frame Joggled	YES		Tank Side Brackets, height above base line at toe of Frame and thickness	36 1/2	.30
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	DEEP FRAMING AND STRINGERS		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	ADDITIONAL INTERCOSTALS SMALL PLATING INCREASED CLOSE SPACED RIVETING		Breadth and thickness of Middle Line Strake	40	.34
SINGLE BOTTOM. IN BOILER SPACE.			Thickness of remainder in Holds	.30	
Floors, Depth and thickness at mid-line in Holds	1 1/4 .41		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	
Height of Brackets at side above base line at toe of frame	NONE		BEAMS.		
Middle Line Keelson, on Floors, Angles, E or F	NONE		Uppermost Continuous Deck, amidships	32	3 .30
" " Through Plate	1 1/2 .50	APP. .49	" " in Wells, Angle, E or F		
" " Intercoastal Plate			" " in way of Bridge, Angle, E or F	6	3 .32
" " Foundation Plate on Floors	3/2 .49		Spacing	22	
" " Flat Plate Keel Angles	3 1/2 3 1/2 .44		Second Deck, amidships, Angle, E or F		
Side Keelsons, No. each side	F		Spacing		
" " thickness of Intercoastal Plate	.42		Third Deck, amidships, Angle, E or F		
" " Angles SINGLE B.A.	Y 3 1/2 .55	APP. .51	Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, E or F		
Solid Floors, thickness and spacing	.29 EVERY FRAME		Spacing		
" " Are Frame and Reversed Frame joggled?	YES		Poop Deck, Angle, E or F		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck, Angle, E or F	5	3 .36
			Spacing	44	
			Forecastle Deck, Angle, E or F	6	3 .32
			Spacing	44	

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.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	60 .50 ✓				
" " " " in way of Bridge	.1008				
" Angle in Wells	3½ 3½ .50 ✓				
Thickness of Plating abreast Deck openings) in way of Wells30 ✓				
Thickness of Plating abreast Deck openings) in way of Bridge30 ✓				
Thickness of Plating within line of openings...	.30 ✓				
If Sheathed, material and thickness					
Second Deck.					
Stringer Plate, breadth and thickness in Wells...					
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					
Third Deck.					
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.....	31¼ .27				
Plating, Sheathing, material and thickness ...	7x.27 2½ P.P.				
Forecastle Deck.					
Stringer Plate, breadth and thickness.....	17¼ .27				
Plating, Sheathing, material and thickness ...	7x.27 2½ P.P.				

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	40	50	43	43	✓ APP. 49	DOUBLE	3/4	3/7	3	3/4	2 5/8	STRAPPED
" DBLG. (if any)												
BOTTOM PLATING, No. of of Strakes 2	69	37	37	33	✓	DOUBLE	3/4	3/7	2	3/4	2 5/8	LAPPED
BILGE PLATING, No. of Strakes 1	61	37	33	33	✓	"	"	"	2	"	"	"
SIDE PLATING, No. of Strakes 1	58	37	33	33	✓	"	"	"	2	"	"	"
UPPER DECK, Sheer- strake in Wells	44 1/2	50	33	33	✓				3-2	"	"	"
UPPER DECK, Sheer- strake in Bridge ...												
STRAKE BELOW Sheer- strake in Wells	50	37	33	33	✓	DOUBLE	3/4	3/7	3-2	3/4	2 5/8	LAPPED
STRAKE BELOW Sheer- strake in Bridge ...												
POOR SIDE PLATING												
BRIDGE SIDE PLATING ...		27				SINGLE	3/4	3/7	2	3/4	2 5/8	LAPPED
FOREO'TLE SIDE PLATING			27		✓	"	"	"	2	"	"	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		STIFFENERS.		Casting or Forging.		Scantlings.		Maker's Name.		Any departure from approved plans to be noted.	
Extending to Upper Deck (Sec. 3 c)		3									
,, Deck next below		NONE									
As per Rule		3 TO UPPER DECK									
Plating Thickness.	STIFFENERS.				Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.			
	VERTICAL.		HORIZONTAL.								
	Scantlings.	Spacing.	Scantlings.	Spacing.							
MIDSHIP BULKHEAD, Upper tween decks											
„ „ Second „											
„ „ Third „											
„ „ Holds	40-30	7 x 3 x 32	30	NONE							
COLLISION „ (in Hold)	38-30	6 x 3 x 36	24	NONE							
AFTER PEAK „ „	39-30	6 x 3 x 44	24	1 SEMI-BOX BEAM.							
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					THE STEEL COMPANY OF SCOTLAND.						
Has the Steel been tested as required by the Rules?					YES						

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 FOLLOWING PLANS AND REPORTS ARE FORWARDED HEREWITH; viz. (8 PLANS)

(2 REPORTS.)

PLANS AS BUILT.

MIDSHIP SECTION.

✓ PROFILE AND DECK PLANS.

APPROVED PLANS.

✓ MIDSHIP SECTION.

✓ PROFILE AND DECK PLANS.

✓ FORE END FRAMING SECTIONS.

✓ STERNFRAME AND RUDDER

✓ ENGINE SEATING.

✓ PUMPING ARRANGEMENT.

REPORTS.

STERNFRAME

RUDDER.

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

1st Bower	12-1-19	M.B.	2969	28-9-26
2nd "	12-1-19	M.B.	2770	27-4-26
3rd "	10-1-5	K.H.	5344	26-4-28

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop ft., R.Q.D. 110.5 ft., Bridge 11.0 ft., Forecastle 10.0 ft.
(in feet and tenths). When the Poop is joined to the R.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) 10K (STL)

Official No. 160226; Signal Letters

Is bottom of Vessel coated with cement yes if not give

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	22.0	56
Double bottom, under Engines and Boilers,			After peak tank,	7.3	22
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	122.8	174	Other tanks, if fitted,		
		Total capacity of double bottom 174	(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. 5913

Date 2.5.28

Dates of Surveys held while building

1928 May 17. 22. 24. 29. 31 June 4. 6. 11. 18. 19. 21. 26 July 4. 10. 24. 26 Aug 7. 14. 17. 21. 23. 27. 29 Sep 11. 14. 17
18. 25. 26. 28 Oct 2. 4. 8. 10. 12. 15. 17.

Total No. of Visits 38