

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office 11.11.1919

Date of completion of report 24th January 1919. Port of Greenock
Survey held at Port Glasgow & Greenock Date, First Survey 24th November, 1917; Last Survey 24th January, 1919.

On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "WAR ERMINE" Big Schooner
CLASS * 100 A1 "CROSSHILL" Master Thos. W. Stewart

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk. 4208.42
Do. of Poop 165.34
Do. of Main Deck 3.64
Do. of Bridge House 19.66
Do. of Forecastle Side House 7.28
Do. of Houses on Dk. 137.60
Do. of excess of Hatchways 43.77
Do. above Crown of Engine Room 4580.71
Gross Tonnage 2445.07
Less Crew Space 2235.14
Less above Crown of Engine Room 1465.83
TONNAGE FOR FEES 64.43
Less Engine Room
Less Navigation Spaces
Register Tonnage 2805.38

Breadth (greatest moulded) 51.75
Depth, at middle of length from top of keel to top of upper deck beams at side 29.00
Transverse Number 80.75
Length on deck from fore part of stem to after part of stern post 385
Longitudinal Number 31088.75
Depth "d," at middle of length (See Secs. 2 & 13) 17.5
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.27
Long Bridge Deck Beam at side to top of keel 10.40

Year of appointment 1919
Built at Port Glasgow
When built 1919 Launched 22nd Nov 1918
By whom built Russell & Co
Owners Macbeth & Co Ltd
Managers
Residence Glasgow
Port belonging to London

LENGTH on Deck as per Rule	Feet	Inches	BREADTH Moulded	Feet	Inches	DEPTH, ACTUAL	Top of Floors to top of Upper Dk. Beams	Feet	Inches	No. of Decks with flat laid	No. of Tiers of Beams
385	0		51	9		26	5	18	7	2	2
Moulded depth, ft. 27 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins.											
Moulded depth, ft. 29 ins. 0 To Upper Dk.											

FRAMING.				PILLARS.			
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
FRAME, Angles, —E— Bars amidships	6	3 1/2	46	6	3 1/2	46	
Do. in peaks	6	3 1/2	36	6	3 1/2	36	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
Spacing of Frames from centre to centre amidships	26			26			
Do. " " length to Collision bulkhead	26			26			
Do. " " in peaks	24			24			
REVERSED FRAME, Angles	6	3 1/2	46	6	3 1/2	46	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
Do. " " in peaks	3 1/2	3 1/2	36	3	3 1/2	36	
FRAMING, depth of girder	9			9			
FLOORS, depth and thickness of Floor Plate at mid line for 1/2 length amidships	6	40	8	50	6	40	8
Do. in way of Engine and Boiler Spaces	6	40	8	50	6	40	8
Thickness at the ends of vessel							
Depth at 1/2 the half breadth, as per Rule							
Height extended at the Bilge							
FLOORS in Cell, Double Bottoms			40			40	
Do. state if flanged (top & bottom)							
Spacing of Solid floors	26			26			
CENTRE GIRDER, in Dbl. bottom, dpth. & thckness	42		50	42		50	
Do. Angles, Top	2	3 1/2	50	3 1/2	3 1/2	50	
Do. " " Bottom	2	5	60	4 1/2	4 1/2	60	
Do. " " to Floors	5	5	56	5	5	56	
Brackets at intermt. frang. width & thckness	2		38	2		38	
SIDE GIRDERS, number on each side & thickness	Flanged	at top					
Do. state if flanged (top and bottom)	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
Do. Angles (top and bottom)	3	3	40	3	3	40	
Do. to Floors	3	3	40	3	3	40	
MARGIN PLATE, depth (exclusive of flange) and thickness	46		46	33		46	
Do. Angle to Outside Plating	3 1/2	3 1/2	46	3 1/2	3 1/2	46	
Do. Floors	5	3 1/2	40	5	3 1/2	40	
Brackets at intermt. frang. width & thckness							
Height of Outside Brackets above at bilge	24			24			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	71		48	71		48	
Do. in Engine and Boiler space	8	48	8	56	8	48	8
Do. Remainder in Holds			40			40	
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	42	7	3	42	
Do. In way of Long Bridge	7	3	42	7	3	42	
Do. Spacing	26			26			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	11	3 1/2	44	11	3 1/2	44	
Do. Spacing	52			52			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
Do. Angles on upper edge							
Do. Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	42	8 1/2	3 1/2	48	
Do. Angles on upper edge							
Do. Spacing							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	40	7	3	40	
Do. Angles on upper edge							
Do. Spacing	26			26			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	44	8 1/2	3 1/2	50	
Do. Angles on upper edge							
Do. Spacing							
PILLARS.				KEELSONS & STRINGERS.			
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS In 'tween Deck, size and spacing	2	4	4	2	4	4	4
Do. Hold							
Do. Quarter 'tween Dks.							
Do. in Hold							
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
Do. Rider Plate							
Do. Flat Plate Keel Angles							
Do. Horizontal Plates on Floors							
Do. Angles or Bulb Angles							
SIDE KEELSONS, Number							
Do. Angles or Bulb Angles							
Do. Plate above floors, for length							
Do. Intercoastal Plate, for length							
Do. Attached to outside Plating with Angle							
SIDE KEELSON, Angles							
Do. Intercoastal Plate for length							
Do. Attached to outside Plating with Angle							
SIDE STRINGERS, Number	2			2			
Do. Angle	6	3 1/2	68	6 1/2	3 1/2	60	
Do. Intercoastal Plate, for whole length							
Do. Attached to outside plating with Angle							
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	59		64	59		64	
Do. br'dth & thickness (in way of Bridge)	5	5	68	5	5	68	
Do. Angle (clear of Bridge)	5	5	68	5	5	68	
Do. Tie Plate at sides of Hatchways	5	5	68	5	5	68	
Do. Deck, Iron or Steel, for whole lng.							
Do. Thickness (clear of Bridge)							
Do. (in way of Bridge)							
Do. Wood Deck, Material & thickness							
Second Deck Stringer Plate, br'dth & thickness	47		46	47		46	
Do. Angles on ditto, No.	3 1/2	3 1/2	46	3 1/2	3 1/2	46	
Do. Tie Plates outside Hatchways							
Do. Deck, Iron or Steel, for whole lng.							
Do. Wood Deck, Material & thickness							
Third Deck Stringer Plate, br'dth & thickness							
Do. Angles on ditto, No.							
Do. Tie Plates outside Hatchways							
Do. Deck, Material and thickness							
Fourth and Fifth Deck Stringer Plate, br'dth & thickness							
Do. Angles on ditto, No.							
Do. Tie Plates outside Hatchways							
Do. Deck, Material and thickness							
Poop Deck Stringer Plate, breadth & thickness	34		34	34		34	
Do. Angle on ditto	3 1/2	3 1/2	34	3 1/2	3 1/2	34	
Do. Tie Plates							
Do. Deck, Material and thickness							
Bridge Deck Stringer Plate, br'dth & thickness	53		54	53		54	
Do. Angle on ditto	5	5	58	4 1/2	4 1/2	58	
Do. Tie Plates							
Do. Deck, Material and thickness							
Forecastle Deck Stringer Plate, br'dth & thickness	34		34	34		34	
Do. Angle on ditto	3 1/2	3 1/2	34	3 1/2	3 1/2	34	
Do. Tie Plates							
Do. Deck, Material and thickness							

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49-44 ft., R.Q.D. ☒ ft., Bridge 112-66 ft., Forecastle 38 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book) 2 Dks (SIT)

Official No. 1142-751; Signal Letters

State if Machinery is fitted amidships

How are the surfaces preserved from oxidation? Inside by Portland cement and paint Outside by paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. cellular

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>117</u>	<u>308</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<u>141-16</u>		After peak tank,		<u>122</u>
Double bottom, <u>Fore</u> under Engines only,	<u>22</u>	<u>88</u>	Deep tank, aft,		<u>19</u>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>173-33</u>	<u>561</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>957</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules. yes

Order for Special Survey No. 2899

Date 1st January, 1914

No. 716 in builder's yard.

DATES of Surveys held while building

(1914). Nov. 2. 24. 30. Dec. 4. 10. 28 (1918). Jan. 21. 28. 29. Feb. 1. 6. 15. 20. 25. 28. Mar. 13. Apr. 2. 8. 24. May. 1. 16. 24. 31. June. 17. 21. 24. 26. July. 1. 2. 19. 24. 29. Aug. 7. 15. 26. Sep. 3. 10. 28. Oct. 10. 15. 23. 28. Nov. 1. 3. 21. 26. Dec. 1. 13. 24. 27. (1919). Jan. 10. 13. 14. 15. 16. 17. 20.

Surveyor's Signature

J. Bennett

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Total No. of Visits 59

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