

Rpt. 1.

STEEL STEAMER or MOTORSHIP.

4 JUN 1932

Received at London Office...

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 *26th May 1932*Port of *NEWCASTLE-ON-TYNE*No. *88698*Survey held at *Wallsend on Tyne*Date First Survey *15 Feb/1932*Last Survey *24th May*19*32*

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

Single Screw Tenda machinery amidships

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

Complete Superstructure with tonnage opening State Type of Erections *C.S.S.*TONNAGE under Tonnage Deck... *1210.90*CLASS *+100 A1*State if with freeboard as condition of Class *Yes*Built at *Wallsend on Tyne*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 248'*Launched *4th May 1932* Yard No. *1477*Total *1210.90*Breadth (greatest moulded) *B 39.33*Builders *Swan, Hunter & Wigham*Gross Tonnage *1415.64*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 24.33*Owners *The Tenda Shipping Co. Ltd.*Register Tonnage *796.70*1st Longitudinal Number (L x D) *= 6034*Managers *F. K. Warren*

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

REGISTERED DIMENSIONS.

FEET.

Length *248.2*Framing Depth "d," at middle of length. See Sec. 3 (1d) *14.06*Residence *Royal Bank Chambers**Halifax N.S.*Breadth *39.55*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.2*Port of Registry *Newcastle*Depth *14.9*Do. Long Bridge to top of keel *✓*

If surveyed while building, afloat, or in dry dock

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	<i>25</i>		Bracket Floors, Frame	<i>6 x 3 x 36</i>	<i>OBS</i>
" " from $\frac{3}{4}$ length to Collision bulkhead	<i>25</i>		" " Reversed Frame	<i>5 1/2 x 3 x 36</i>	
" " in peaks	<i>24</i>		" " Vertical Struts	<i>5 1/2 x 3 x 36</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>33 1/2 x 44</i>	<i>33</i>
Frame Amidships, Angle, <i>E or F</i>	<i>6 1/2 x 3 x 48</i>	<i>OBS</i>	" " top Angles	<i>Single 3 x 3 x 42</i>	
" " Extends up to	<i>Upper Deck</i>		" " bottom Angles	<i>Single 3 1/2 x 3 1/2 x 46</i>	
Reversed Frame Amidships, Angle	<i>✓</i>		" " <i>Stb. under engine & thrust for 3/8 L.</i>		
" " Extends up to	<i>✓</i>		Side Girders, No. each side and thickness	<i>One 34</i>	
Depth of Framing Girder	<i>6 1/2</i>		Margin Plate depth (excl. of flange) and thickness	<i>30 x 40</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>	<i>5 x 3 x 29</i>	<i>OBS</i>	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	<i>3 x 3 x 34</i>	<i>Single</i>
" " Second 'tween Decks, Angle, <i>E or F</i>	<i>4 x 2 1/2 x 35</i>	<i>each side</i>	" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	<i>5 x 5 x 34</i>	<i>Single</i>
" " Third " " " "	<i>✓</i>		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	<i>✓</i>	
Framing in Peaks, Angle, <i>E or F</i>	<i>5 1/2 x 3 x 29</i>	<i>OBS</i>	" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem	<i>✓</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 x 5 1/4</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>4 x 2 1/2 x 37</i>	
State if Frame Joggled	<i>Yes</i>		INNER BOTTOM PLATING.		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Deep frames and Bulk Angle Struts on feet of frames</i>		Breadth and thickness of Middle Line Strake	<i>45 x 40</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Additional intercostals double riveted</i>		Thickness of remainder in Holds	<i>34</i>	
SINGLE BOTTOM.	<i>of 3 strakes of bottom shell maintained</i>		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>increased .08 under hatches</i>	<i>Yes</i>
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	<i>5 1/2 x 3 x 36</i>	<i>42-45 ft. 105 ft. 105 ft.</i>
Middle Line Keelson, on Floors, Angles, <i>E or F</i>	<i>✓</i>		" " Half beams in way of Bridge, Angle, <i>E or F</i>	<i>5 1/2 x 3 x 33</i>	
" " Through Plate or Intercostal Plate	<i>✓</i>		" " Spacing	<i>25</i>	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, <i>E or F</i>	<i>5 1/2 x 3 x 33</i>	<i>42-45 ft. 105 ft. 105 ft.</i>
" " Flat Plate Keel Angles			" " Half beams in way of hatches	<i>5 1/2 x 3 x 33</i>	
Side Keelsons, No. each side	<i>✓</i>		" " Spacing	<i>25</i>	
" " thickness of Intercostal Plate	<i>✓</i>		Third Deck, amidships, Angle, <i>E or F</i>		
" " Angles			" " Spacing	<i>✓</i>	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <i>E or F</i>		
Solid Floors, thickness and spacing	<i>Generally .34 every third</i>		" " Spacing	<i>✓</i>	
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>		Poop Deck, Angle, <i>E or F</i>		
Bracket Floors, breadth and thickness at middle line	<i>2-3 x .34</i>		" " Spacing	<i>✓</i>	
" " breadth and thickness at margin plate	<i>not less than 2-3 x .34</i>		Bridge Deck, Angle, <i>E or F</i>		
			" " Spacing	<i>✓</i>	
			Forecastle Deck, Angle, <i>E or F</i>		
			" " Spacing	<i>✓</i>	

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	One		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....	27/8" to 3 1/2" dia at Hatch ends		Thickness of Plating abreast Deck openings in way of Wells	30	
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „	Double Channels at Hatch ends		Thickness of Plating within line of openings...	30	
„ „ „ „ „	106 ft. 8 x 8 1/2 x 3 1/2 x 3/2 9 x 4 1/2 x 3 1/2 x 3/2		If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....		
Plating, thickness of	✓		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells.....	47 x 38		If Plated, state thickness		
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	3 1/2 x 3 1/2 x 40		Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	32		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	30		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	2 1/2" wood over accc. 4 ft.		Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	47 x 34		Stringer Plate, breadth and thickness.....		
			Plating, Sheathing, material and thickness ..		

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	4
Extending to Upper Deck (Sec. 3 c)	Fore peak Bulkhead.
„ Deck next below	3
As per Rule	4

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		✓		
STEM		rolled steel $7\frac{1}{2} \times 2$		
STERN FRAME {	Propeller Post	Forged		
	Rudder	iron $5\frac{1}{2} \times 6$		7.5. Fender (Sons) [Ld].
RUDDER—A x D		189.84		
Speed of Vessel		not exceeding 10 knots		
RUDDER mainpiece at head ...		stock $6\frac{1}{2}$ dia		
" " heel ...		578×6		
" " " "		$3\frac{1}{2} \times 6$		
" how constructed		Forged & built		
" double or single plate		Double 46 plates		
" coupling, vertical or horizontal		Horizontal		

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D,	Upper tween decks	✓				
"	" Second "	✓				
"	" Third "	✓				
"	" Holds ... 46 ft.	✓	26-34	6½ x 3 x .356	30½	r
COLLISION	" (in Hold)	✓	38-46	9 x 3½ x .405	24	W.T. flat.
AFTER PEAK	" "	✓	30-39	6 x 3 x .41 L	24	

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth process*
Cousett Iron, Frodingham Iron & Steel, Doorman Long, South Durham, Tease & Partners,
Appleby Iron, Lanarkshire Steel, Cargo Fleet, Colvilles, Raine & Co.
 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.)

It is considered that the equipment as supplied might receive the approval of the Committee.
The approved plans and forging Certificates are sent herewith.

This vessel is a duplicate of the S. S. "Moyra" the same Builders No 1467.

Note

When on trial trip it was stated that the vessel struck some unknown object.
She was accordingly placed in dry dock and examined, but was found to be undamaged.

fy.t

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

1st Bower
2nd "
3rd "

17.2.11
17.2.25
18.2.0

19.2.0
19.3.0
20.1.14

No 9646
No 9588
No 742

30.3.32
24.2.32
8.8.30

K.H.
K.H.
G.W.F.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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) 1 Deck (steel) & Shelter Deck (steel).

Official No. : Signal Letters Is bottom of Vessel coated with cement if not give particulars of composition Cement fillets generally; Cement in B.R. tank.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	75.0	147	Fore peak tank,	17.33	57
Double bottom, under Engines and Boilers,	27.08	72	After peak tank,	14.0	39
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	104.16	247	Other tanks, if fitted,		
	Total capacity of double bottom	466	(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 5451

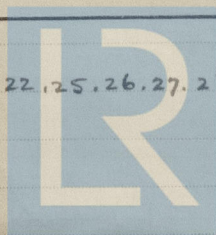
Date

9.2.32

Dates of Surveys held while building

1932
Feb. 15. 17. 22. 24. 29. Mar. 2. 8. 15. 17. 21. 29. 30. Apr. 13. 22. 25. 26. 27. 28. 30. May 2. 4. 11. 12.

18. 19. 24.



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Total No. of Visits 26