

~~With or Without~~

STEEL STEAMER.

Received at London Office

Disconnected Erections. *CONNECTED BY TRUNK.* State if Report is also sent on the Machinery of the Vessel *Yes*

Date of completion of report *9th March 1920* Port of *Newcastle* Date, First Survey *28th Mar 1918* Last Survey *3rd March 1920* No. *72885*

On the (State if Single, Twin, or Triple Screw) *SINGLE SCREW STEAMER "WAR MEHTAR."* Rig *Schooner.*

Master *L. R. Anderson*

Year of appointment *1920*

Built at *WALKER - ON - TYNE.*

When built *1919* Launched *9th Oct. 1919*

By whom built *Sir W. G. Armstrong Whitworth & Co. Ltd.*

Owners *The Shipping Controller.*

Managers *Messrs. Hunting & Sons.*

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

Residence *Milburn House, Newcastle*

Port belonging to *London.*

Register Tonnage *3406.64* Destined Voyage *Mexico* If Surveyed while Building *Yes* Afloat, or in Dry Dock *Special*

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
400	0	Moulded	52	0	Top of Floors to top of Upper Dk. Beams	28	5 1/2	One
					do. do. do. do. Second Dk. Beams			Two

Dimensions of Ship per Register, Length *400.2* breadth *52.4* depth *28.4* Moulded depth, ft. *31* ins. *0* To Bridge Dk. Round of Upper *13* ins.

FRAMING.						PILLARS.					
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule or as Appr.	Inches per Rule or as Appr.	Inches per Rule or as Appr.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule or as Appr.	Inches per Rule or as Appr.	Inches per Rule or as Appr.
IN FORE AND AFTER HOLDS.						PILLARS In 'tween Deck, size and spacing					
FRAME, <i>IN FORE AND AFTER HOLDS.</i>	8	3	38	8	3	" " Hold					
Do. in peaks	8	3	38	8	3	" " Quarter 'tween Dks.					
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	" " in Hold (AFTER)	4 1/4	52	4 1/4	52	
" " at intermdt. Bkts.						KEELSONS & STRINGERS.					
Spacing of Frames from centre to centre amidships	26		26			CENTRE LINE KEELSON, Vertical Plate above					
" " length to Collision bulkhead	24		24			floors, Through Plate, or Intercoastal Plate					
" " in peaks						" Rider Plate					
REVERSED FRAME, Angles	3 1/2	3 1/2	40	3 1/2	3 1/2	" Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors						" Horizontal Plates on Floors					
" " at intermdt. Bkts.						" Angles or Bulb Angles					
FRAMING, depth of girder						SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate						" Angles or Bulb Angles					
at mid-line for 1/2 length amidships						" Plate above floors, for length					
" in way of Engine and Boiler Spaces						" Intercoastal Plate, for length					
" thickness at the ends of vessel						" Attached to outside Plating with Angle					
" depth at 1/2 the half breadth, as per Rule						BILGE KEELSON, Angles					
" height extended at the Bilges						" Intercoastal Plate for length					
FLOORS in Cell, Double Bottoms	36		36			" Attached to outside Plating with Angle					
" state if flanged (top & bottom)	No.					SIDE STRINGERS, Number					
" Spacing of Solid floors	26		26			" Angle					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	43	40	43	40		" Intercoastal Plate, for length					
" Angles, Top	3 1/2	3 1/2	48	3 1/2	48	" Attached to outside plating with Angle					
" Bottom	6	6	58	4 1/2	56	Upper Deck Stringer Plate, br'dth & thickness	69x70x4 1/4	69x70x4 1/4			
" to Floors	3 1/2	3 1/2	40	3 1/2	40	" (clear of Bridge)	69x44	69x44			
" Brackets at intermdt. frmg., width & thcknss						" br'dth & thickness	6x6x56	6x6x56			
SIDE GIRDERS, number on each side & thickness	One 36		One 36			" (in way of Bridge)					
" state if flanged (top and bottom)	No.					" Angle (clear of Bridge)					
" Angles (top and bottom)	3 1/2	3 1/2	40	3 1/2	40	" Tie Plate at sides of Hatchways	70x36	70x36			
" to Floors	3	3	40	3	40	" Deck, <i>Steel</i> , for <i>FULL</i> lng.					
MARGIN PLATE, depth (exclusive of flange)	40	48	40	48		" Thickness (clear of Bridge)	36x44	36x44			
" and thickness	4	4	48	4	48	" (in way of Bridge)					
" Angle to Outside Plating	3 1/2	3 1/2	40	3 1/2	40	" Wood Deck, Material & thickness					
" Floors						Second Deck Stringer Plate, br'dth & thickness	45	44	45	44	
" Brackets at intermdt. frmg., width & thcknss						" Angles on ditto, No.	3 1/2 x 3 1/2	44	3 1/2 x 3 1/2	44	
Height of Outside Brackets above at bilge						" Tie Plates outside Hatchways					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	43	48	40	40		" Deck, <i>Steel</i> , for <i>FULL</i> lng.			30	30	
" in Engine and Boiler space	1.00	48	56	48	56	" Wood Deck, Material & thickness					
" <i>IN FORE HOLD</i>	44	36	36			Third Deck Stringer Plate, br'dth & thickness					
BEAMS, Upper Deck, Single Angle, Bulb	9	3 1/2	46	9	3 1/2	" Angles on ditto, No.					
" Angle, Plate, Tee Bulb, or Channel						" Tie Plates, outside Hatchways					
" In way of Long Bridge						" Deck, Material and thickness					
" Spacing	26		26			Poep Deck Stringer Plate, breadth & thickness	36	30	36	30	
BEAMS, Second Deck, Single Angle, Bulb	10	3 1/2	44	10	3 1/2	" Angle on ditto	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34	
" Angle, Plate, Tee Bulb, or Channel						" Tie Plates	5 x 2 1/2	5 x 2 1/2			
" Spacing	26		26			" Deck, Material and thickness	STEEL	25	25		
BEAMS, Third and Fourth Deck, Single Angle, Bulb						Bridge Deck Stringer Plate, br'dth & thickness	55	54	55	54	
" Angle, Plate, Tee Bulb, or Channel						" Angle on ditto	6 x 6	50	6 x 6	50	
" Angles on upper edge						" Tie Plates					
" Spacing	52	26	52			" Deck, Material and thickness	Steel	40	40		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Forecastle Deck Stringer Plate, br'dth & th'kns	36	30	36	30	
" Angles on upper edge						" Angle on ditto	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34	
" Spacing						" Tie Plates					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	46	9	3 1/2	" Deck, Material and thickness	STEEL	30	30		
" Angles on upper edge											
" Spacing	26		26								

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

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Form No. 1A. WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB-FRAMES, In E & B Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. No. of Side Stringers. BRACKET PLATES, to Stringers between Web Frames, depth and thickness. BULKHEADS. Number. Thickness. STIFFENERS. Horizontal. Vertical. Single or Double. Height up, state deck. AFTER PEAK 7-12. W.T. BULKHEADS. Q.T. BULKHEADS. 25. 30. 32. 34. 36. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. N.T. AND 53. COLLISION. PARTITION. LONGITUDINAL. Are the outside Plates doubled two spaces of Frames in length? Are the Steel Plates Watertight Doors in efficient working order? PLATING. STRAKES. AS IN SHIP. FORWARD. AFT. PER RULE OR AS APPROVED. EDGES. ORDINARY. BUTTS. RIVETING. BUTTS. IF LAPPED. FLAT PLATE KEEL. GARBORARD OF A STRAKE. State actual thickness in case of Double Bottom. U.D. SHEER. THICKNESS OF SHEERSTRAKE CLEAR OF LONG BRIDGE. DO. OF STRAKE BELOW DBLG. OF Flat Plate Keel. Sheerstrakes. Length and thickness. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same. Upper Deck. Stringer Plate. Second Deck. Stringer Plate. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Riggings, Material and Size, Shrouds. Sails. Suit of. Sails, and the following spare sails.

EQUIPMENT No. 33542. LETTER Z. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent. 23552. 1st Bower. 63. 3. 0. STOCKLESS. 30. 7. 2. 0. 63. 3. 0. STOCKLESS. NOT STATED. Sundeland 28th Nov. 18. L.H. 23572. 2nd. 63. 2. 0. 30. 3. 0. 63. 3. 0. 23553. 3rd. 54. 3. 14. 45. 5. 3. 21. 54. 2. 0. 4th. 182. 0. 14. 182. 0. 0. 23626. Stream. 18. 1. 0. 4. 19. 4. 1. 14. 17. 2. 0. 23830. Kedg. 7. 2. 0. 2. 9. 13. 3. 0. 7. 2. 0. Particulars of Drop Test of Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test. 1st Bower. Head. 38. 8. 14. Shank. 23. 3. 14. L.H. 23552. 28th Nov. 1918. 34. 2. 0. G.E.H. 6728. 10. 10. 18. 2nd. 39. 0. 14. 22. 2. 0. L.H. 23574. 5th Dec. 1918. 35. 2. 0. G.E.H. 6721. 23. 10. 18. 3rd. 34. 3. 0. 18. 3. 14. L.H. 23553. 28th Nov. 1918. 31. 0. 21. C.E.H. 1449. 30. 10. 18. 4th. CHAIN CABLES. Length and size supplied. Test per Certificate. WEIGHT OF CHAIN CABLE. Length and size per Table 31. 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 31. 13146. 210. 2 1/2. 9 1/2. 127 1/2. 535. 3. 7. 187. 20. 270. 2 1/2. STOD. S.M. TAYLOR & SONS. LON. WALKER 28th Nov. 1918. 12125. 140. 2 1/2. 9 1/2. 127 1/2. 535. 3. 7. 187. 20. 270. 2 1/2. STOD. S.M. TAYLOR & SONS. LON. WALKER 28th Nov. 1918. 80. 1 1/2. 4 1/2. 47. 90. 4 1/2. GSW. CROWN. SPEEDING. S.M. TAYLOR & SONS. LON. WALKER 28th Nov. 1918. Boats. Four. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Hand Pump to Fore Peak. Diameter of Barrel 12. Windlass is. Capstan. Engine Room Skylights. How constructed? Steel plates and angles. What arrangements for deadlights in bad weather? Bull eyes. Coal Bunker Openings. How constructed? Steel plates and angles. How are lids secured? Tarpsaulins & battens. Height above deck? 30. Number of Scuppers, and numbers and dimensions of Freecing Ports, &c. 6 scuppers on each side, open rails. Ceiling in Molds, thickness and material. 2 1/2 wood in fore hold over bipes. Cargo Battsens, thickness and material. None. Cargo Hatchways. How formed? Steel plates and angles. Hatches, if strong and efficient? Yes. State size No. 1 Hatch (Forward) 18-9 1/2 x 18-0 x 2-6. No. 2 Hatch. No. 3 Hatch. No. 4 Hatch (Aft) 13-0 x 18-0 x 2-6. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. Two Webs in No. 1 and 4. No. of Breasthooks 4 and decks. No. of Crutches 4 on floors. Bulwarks, height above deck and description. Open rails. Main Rail, material and size. The foregoing is a correct description. S.M. TAYLOR & SONS. LON. WALKER 28th Nov. 1918. Builder's Signature (here only). Surveyor's Signature. Arthur F. Jennings. Lloyd's Register of Shipping. Correspondence. State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case). See correspondence regarding Z type standard vessels, and converted Z oil tanker. Workmanship. Are the butts of plating planed or otherwise fitted? Planed. Is the riveted work properly closed? Yes. Are the liners between the frames and plates solid single pieces? Longitudinal Framing. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes. Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes. Do any rivets break into or through the seams or butts of the plating? A few. Are the butts of Plating, Stringers, &c., properly shifted and lapped? Yes. Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes. State results of tests. Satisfactory. Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes. State results of tests. Satisfactory. General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the approved plans, and the Secretary's letters, for the purpose of carrying Petroleum in bulk. She was originally intended to be an Z type standard vessel, but was altered in design, and additional oil-tight bulkheads fitted. All the oil compartments, cofferdams, oil fuel compartments and water ballast tanks have been tested to the Rules requirements, and found satisfactory. The material and workmanship are of good quality. The Freeboards assigned by the Committee have been marked on the vessels sides and verified. The approved midship section and profile are herewith forwarded, as also profile showing the structural alterations. The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built. The amount of Entry Fee. £. Special Survey Fee. £ 189. Travelling Expenses, if any £. Fees applied for, 12 MAR 1920. Received by me, 1/4/19. Certificate to be sent to NEWCASTLE ON TYNE. Date of issue 29/4/20. State whether the Vessel has been built under Special Survey. Yes. I am of opinion this Vessel should be Classed 100 A1, carrying petroleum in bulk. With, or without Freeboard, as condition of Class. without. Committee's Minute. Character assigned. 100 A1. Carrying Petroleum in bulk. Lloyd's A.C.P. Fitted for oil fuel 3.20 F.P. above 150°. Lloyd's Register of Shipping.

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"WAR MEHTAR" **PARTICULARS OF LONGITUDINAL FRAMING.**

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Spang. Ins. Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.			Number.	Diameter. Inches.
Framing of 4. L or C ^{AND}		9 3 1/2 44						9 3 1/2 44						7/8 5 1/2	5 1/2	8	7/8
Frames in Bridge 'tween Decks...																	
Frames from Uppermost Continuous Deck																	
Framing from Upper Deck to Middle Deck CENTRE LINE CHANNELS.	No. 1																
	" 2																
	" 3																
	" 4																
	" 5	10 3 1/2 44			10 3 1/2 44			10 3 1/2 44			10 3 1/2 44				2 1/2" FOR 10 RIVETS.		
	" 6	10 3 1/2 46			10 3 1/2 46			10 3 1/2 46			10 3 1/2 46						
	" 7	10 3 1/2 50			10 3 1/2 50			10 3 1/2 50			10 3 1/2 50					10	
	" 8	12 3 1/2 50			12 3 1/2 50			12 3 1/2 50			12 3 1/2 50						
	" 9																
	" 10														3/8 FOR 10 RIVETS.		
	" 11	12 3 1/2 50			12 3 1/2 50			12 3 1/2 50			12 3 1/2 50					16	
	" 12	15 3 1/2 63			15 3 1/2 63			15 3 1/2 63			15 3 1/2 63				2 1/2" FOR 10 RIVETS.		
	" 13	15 3 1/2 63			15 3 1/2 63			15 3 1/2 63			15 3 1/2 63					13	
	" 14																
	" 15																
	" 16	GIRDER.			GIRDER.			GIRDER.			GIRDER.						
Spacing of Longitudinal Frames		30			30			30			30						
Double Bottoms		8 3 1/2 47 1/2						8 3 1/2 47 1/2						7/8 5 1/2			
Tank Top Longitudinals		9 3 1/2 44						9 3 1/2 44									
Bottom		30						30									
Spacing of Longitudinals																	
Transverses.																	
In Bridge 'tween Decks	Depth and Thickness	15 40						15 40								Bottom transverses 50" x 46 with double butt angles 9 x 3 1/2 x 66 on top.	
	Face Angles	3 1/2 3 1/2 44						3 1/2 3 1/2 44									
	Lugs to Shell	3 1/2 3 1/2 40						3 1/2 3 1/2 40									
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness															Fore and aft girder 50" x 40 with double angles 3 1/2 x 3 1/2 x 44 on top.	
	Face Angles																
	Lugs to Shell																
In Hold.	Depth and Thickness	31 46			31 46			31 46			31 46					7/8 4	
	Face Angle	9 3 1/2 66			9 3 1/2 66			9 3 1/2 66			9 3 1/2 66						
	Lugs to Shell	6 6 46			6 6 46			6 6 46			6 6 46						
Brackets		10 3			10 3			10 3			10 3						
Spacing of Transverse Frames																	
* State if jogged or liners.																	
Longitudinal Beams of 4. L or C	Bridge Deck	7 3 35						7 3 35						36 39		Transverse Beams.	
	Upper	9 3 1/2 44			9 3 1/2 44			9 3 1/2 44			9 3 1/2 44			30			
	Second																
	Third																

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

See 12—T.

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop **49-41 ft.** R.Q.D. **✓** ft., Bridge **121-0 ft.** Forecastle **39-58 ft.**
 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated **The Poop and Bridge decks are connected by trunk.**

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 as it should appear in the Register Book) **1st (all) and 2nd (all) in Fore Hold.**

Official No. **144350.**; Signal Letters **Amidships**
 How are the surfaces preserved from oxidation? Inside **Paint and ft. cement.** Outside **Paint**

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

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed in accordance with the Rules.			State whether the above have been tested as required by the Rules.		
Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	65.5	278	Fore peak tank,	20.75	89
Double bottom, under Engines and Boilers,			After peak tank,	24.83	8 1/2.
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,	39.0	422	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		320 1/2	(If necessary, furnish further information by sketch.)		
			If the above have been tested as required by the Rules.		
			Yes.		

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

Order for Special Survey No. **4763**

Date **18.4.1918**

No. **954** in builder's yard.

DATES OF SURVEYS held while building

1918.
 Mar 28 Apr 15-29. May 14-31. July 5. 10. 19. 24 Sept 6. 10. 13. 18. 24 26 27 Oct. 1. 4. 9. 10. 15-23. 30. 31 Nov 4. 5. 7. 8. 15. 20. 21. 22. 25. 28. Dec 10. 11. 17. 19. 30. 31. **1919.**
 Jan 6. 9. 10. 15. 23. 27. Feb 4. 11. 12. Mar 5. 6. 17. 27 Apr 2. 12. 16. 24. May 15. 16. 19. 24 Jun. 6. 20 July. 7. 9. 15. 17. 22. 25. Aug 15. 19. 25. 28. 29. Sept 1. 2. 3. 4. 5. 6. 10. 11. 12. 13. 15. 16. 17. 18. 19. 22. 23. 24. 26. 27. 29. 30. Oct 1. 2. 3. 4. 6. 7. 8. 9. 28. Nov 6. 10. 17. 21. 24. 26. Dec 3. 4. 5. 9. 16. **1920.**
 Jan 5. 8. 15. 27 Feb. 12. 19. 23 Mar 3

Total No. of Visits **128**

Surveyor's Signature **Arthur Jennings & R. S. Seward**
 Lloyd's Register Foundation