

STEEL STEAMER ~~OR~~ MOTORSHIP.

Received at London Office JUN -1 1937

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 15TH MAY, 1937.

Port of NEWCASTLE

No. 95095.

Survey held at SOUTH SHIELDS.

Date First Survey 15TH APRIL 1936Last Survey 15TH MAY, 1937.

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

SINGLE SCREW "BALTISTAN"

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

FULL SCANTLING.

State Type of Erections Pop. Bridge, Focle

TONNAGE under Tonnage Deck... 6096.95

CLASS +100 A1.

State if with freeboard as condition of Class NO.

Built at SOUTH SHIELDS.

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 450.00

Launched 24TH FEB. 1937 Yard No. 508

Total

Breadth (greatest moulded) B 58.29

Builders JOHN READHEAD & SONS, L^{TD}.

Gross Tonnage 6803.46

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 32.08

Owners STRICK LINE (1923) L^{TD}.

Register Tonnage 4194.01

1st Longitudinal Number (L x D) = 14436

Managers FRANK C. STRICK & CO.

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

2nd Numeral L x (B + D) = 40666

REGISTERED DIMENSIONS.

Length 453.9
Breadth 58.5
Depth 29.6

Framing Depth "d," at middle of length. See Sec. 3 (1d) 17.83

Residence

Proportions—Depth to Length—Uppermost continuous deck to top of keel 14.03

Port of Registry LONDON.

Do. Long Bridge to top of keel 11.37

Surveyed while building, afloat, & in dry dock

Draught Moulded 25' 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	29	✓	Bracket Floors, Frame	BA 6 3 1/2 42	✓
" " from 3/4 length to Collision bulkhead	27	✓	" " Reversed Frame	BA 5 1/2 3 42	✓
" " in peaks	24	✓	" " Vertical Struts	L 8 3 1/2 3 1/2 42	✓
DE FRAMING.			Centre Girder, depth and thickness amidships	45 x 53	✓
Frame Amidships, Angle, [or (N.B.S.)	10 3 1/2 50	✓	" " top Angles	5 5 48	✓
" " Extends up to	2 ND DECK	✓	" " bottom Angles	6 6 54	✓
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	ONE 45 App. 38	✓
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	40 x 54 App. 35 x 54	✓
Depth of Framing Girder	10	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3 1/2 3 1/2 44	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or (	8 3 1/2 40	✓	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	6 6 44	✓
" " Second 'tween Decks, Angle, [or [	-		" " Gussets, spacing and scantling abaft 1/4 len. from stem	22 x 41 CONT.	✓
" " Third " " " "	-		" " Gussets, spacing and scantling forward 1/4 len. from stem	22 x 41 CONT.	✓
Framing in Peaks, Angle or (N.B.S.)	7 3 1/2 55	7 1/2 x 3 x 48 BA	Tank Side Brackets, height above base line at toe of Frame and thickness	67 x 42	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 SPACED 5 1/4	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	YES.	✓	Breadth and thickness of Middle Line Strake	63 x 50	✓
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	FRAMES 11 1/2 x 50 N.B.S. WITH REV. ANGLE 6 x 3 1/2 x 50 FORMING 12 GIRDER. 3 STRINGERS IN HOLD 9 1 IN 'TWEEN DECK AS APPROVED.		Thickness of remainder in Holds	44 - 40	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	FRAMES 5 x 5 x 54 ON FLOORS WITH BACK BARS ON BRACKET FLOORS. SHELL PLATING INCREASED TO .72 x 5 ADDITIONAL SIDE GIRDERS AS APPROVED.		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.	✓
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [or (	9 3 1/2 56 N.B.S.	✓
Height of Brackets at side above base line at toe of frame			" " " in way of Bridge, Angle, [or (	10 3 1/2 48 N.B.S.	✓
Middle Line Keelson, on Floors, Angles, [or [			Spacing	29	✓
" " " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, [or [	11 3 1/2 55 N.B.S.	✓
" " " Foundation Plate on Floors			Spacing	29	✓
" " " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or [-	
Side Keelsons, No. each side			Spacing	-	
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, [or [-	
" " Angles			Spacing	-	
DOUBLE BOTTOM.			Poop Deck, Angle, [or [	8 3 36 App. 7 1/2 x 3 x 36	✓
Solid Floors, thickness and spacing	46 @ 58 App. 41	✓	Spacing	24 x 29	✓
" " Are Frame and Reversed Frame joggled?	YES.	✓	Bridge Deck, Angle, [or [	9 3 1/2 50 N.B.S.	✓
Bracket Floors, breadth and thickness at middle line	34 x 47 App. 42	✓	Spacing	29	✓
" " breadth and thickness at margin plate	21 x 47 App. 42	✓	Forecastle Deck, Angle, [or [	8 3 44	✓
			Spacing	27 x 24	✓

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	TWO.		Stringer Plate, breadth and thickness in way of Bridge	66" x 34"	
" in 'tween Decks, Size and Spacing	WIDE SPACED PILLARS & GIRDERS AS APPROVED.		Thickness of Plating abreast Deck openings in way of Wells	38" - 32"	also see plans.
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge	30"	
" in Holds " "			Thickness of Plating within line of openings	34" - 32"	
" " " " " "			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	61" x 107"		If Plated, state thickness		
" " " " in way of Bridge	61" x 47"	App ^d 42"	Poop Deck.		
" " " " Angle in Wells	62" - 7" - 60"		Stringer Plate, breadth and thickness	37" x 86"	
Thickness of Plating abreast Deck openings in way of Wells	87" - 41"	App ^d 82 - 36	Plating, Sheathing, material and thickness	28" x 3" P.P.	
Thickness of Plating abreast Deck openings in way of Bridge	43	App ^d 38	Bridge Deck.		
Thickness of Plating within line of openings	29" - 41"	App ^d 44 - 36	Stringer Plate, breadth and thickness	61" x 66"	App ^d 61" x 61"
If Sheathed, material and thickness			Plating, Sheathing, material and thickness	62" - 45"	App ^d 57" - 40"
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	66" x 42"		Stringer Plate, breadth and thickness	35" x 36"	
			Plating, Sheathing, material and thickness	28" x 3" P.P.	

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		RIVETS.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.		No. of Rows of Rivets.		Diam.	Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.						Inches.	Inches.
FLAT PLATE KEEL	51"	85"	75"	75"		2	1" 3 5/8"	4	1"	3 1/4"	LAPPED
" DBLG. (if any)	-	-	-	-		-	-	-	-	-	-
BOTTOM PLATING, No. of Strakes	76	65"	72"	52"	App ^d 49" AFT.	2	7/8" 3 3/8"	4-3	7/8"	3 1/2"	LAPPED.
BILGE PLATING, No. of Strakes	51	65"	49"	52"	" 49"	2	7/8" 3 3/8"	4-3	7/8"	3 1/2"	DO.
SIDE PLATING, No. of Strakes	84	65"	46"	46"		2	7/8" 3 3/8"	3	7/8"	3 3/8"	DO.
UPPER DECK, Sheer-strake in Wells	69 1/2"	95"	46"	46"		3 & 2	1 3/4" 4 1/2" 3 3/8"	5 & 4	1 1/8"	5 1/4"	DO.
UPPER DECK, Sheer-strake in Bridge	69 1/2"	65"	-	-		2	7/8" 3 3/8"	3	7/8"	3 3/8"	DO.
STRAKE BELOW Sheer-strake in Wells	69 1/2"	79"	46"	46"		2	7/8" 3 3/8"	4 & 3	1"	4"	DO.
STRAKE BELOW Sheer-strake in Bridge	69 1/2"	65"	-	-		2	7/8" 3 3/8"	3	7/8"	3 3/8"	DO.
POOP SIDE PLATING	-	-	-	40"		1	3/4" 3"	1	1/4"	2 5/8"	DO.
BRIDGE SIDE PLATING	87"	63"	-	-		2	7/8" 3 3/8"	4	7/8"	3 1/2"	DO.
FORECASTLE SIDE PLATING	-	-	42"	-		1	3/4" 3"	1	1/4"	2 5/8"	DO.

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel						Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c)						71			
Deck next below						7			
As per Rule									
	Plating Thickness.	STIFFENERS.							
		VERTICAL.		HORIZONTAL.					
		Scantlings.	Spacing.	Scantlings.	Spacing.				
MIDSHIP BULKH'D, Upper tween decks	27"	5 x 3 x 39"	30"						
" " Second "	-								
" " Third "	-								
" " Holds	49" - 37"	12 x 3 1/2 x 46"	30"						
COLLISION " (in Hold)	50" - 30"	9 x 3 1/2 x 50"	24"						
AFTER PEAK " "	60" - 32"	5 x 3 1/2 x 50"	24"						

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) APPLEBY-FRODINGHAM STEEL CO. LD.
 CARGO FLEET IRON CO. CONSETT IRON CO. DORMAN LONG & CO. LD. SKINNING GROVE IRON CO. LD. SOUTH DURHAM STEEL & IRON CO. LD.

Has the Steel been tested as required by the Rules? YES.

Req. 1.

No. 55

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Lloyd's Register
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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.)

SISTER SHIP. S.S. "ARMANISTAN" N.W.C. Rep. No. 94668

THIS VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLANS, THE SECRETARY'S LETTERS & IN CONFORMITY WITH THE SOCIETY'S RULES FOR THE CLASS CONTEMPLATED. ✓

THE D.B. TANKS, PEAK TANKS, DEEP TANK & OIL FUEL TANKS HAVE BEEN TESTED BY WATER PRESSURE & THE WEATHER DECKS, W/T. DOORS, TUNNEL & W/T. B. HEADS HAVE BEEN TESTED WITH SATISFACTORY RESULTS. THE ASH SHOOT HAS ALSO BEEN TESTED. ✓

THE FREEBOARDS AS ASSIGNED HAVE BEEN MARKED ON THE VESSEL'S SIDES & VERIFIED. ✓

THE REQUIREMENTS OF SECTION 20 OF THE RULES FOR THE CARRIAGE OF OIL FUEL HAVING FLASH POINT ABOVE 150° F. HAVE BEEN COMPLIED WITH. ✓

FORGING & CASTING REPORTS & CERTIFICATES OF TEST FOR TUBULAR PILLARS FORWARDED HERewith. MIDSHIP SECTION & PROFILE AS BUILT ARE AS PER "ARMANISTAN" ✓

THE WINDLASS, STEERING GEAR & W/T. DOORS HAVE BEEN TRIED WITH SATISFACTORY RESULTS

THE VESSEL HAS BEEN PLACED IN DRY-DOCK & THE BOTTOM & RUDDER CLEANED, EXAMINED & RECOATED. ✓

OVERALL LENGTH: 471' 2" ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. **Fitted for OIL FUEL. F.P. above 150° F.**

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	44.0.8' W.H. 5893	28.9.36.
	2nd "	44.1.13 W.H. 5918	25.9.36
	3rd "	35.3.36 W.H. 5995	29.10.36.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 42' ft., R.Q.D. — ft., Bridge 140' ft., Forecastle 39' ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated. ✓ *see h.w.c. letter 5/6/37*

No. and Material of Decks **2 DECKS (STEEL)**

Official No. 165458 ; Signal Letters

Is bottom of vessel coated with cement **E.R. TANK ONLY.** if not give

particulars of composition **OTHER TANKS OIL FUEL.**

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	150	470 ✓		Fore peak tank,	25	100	
Double bottom, under Engines and Boilers,	—	—		After peak tank,	14	40	
Double bottom, if under Engines only,	24	125		Deep tank, aft,	39	990	
Double bottom, if under Boilers only,	—22'	145		Deep tank, forward,	—	—	
Double bottom, forward,	191	765 ✓		Other tanks, if fitted,	—	—	
	Total capacity of double bottom		1360	(If necessary, furnish further information by sketch.)			

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 5520

Date

3.6.36

Dates of Surveys held while building

1936 Apr 15. 22. 24. 28. 29. May 6. 8. 11. 18. 22. June 7. 10. 15. 30. July 29. 30. Aug 12. 19. 21. Sep 1. 3. 7. 9. 11. 14. 15. 18. 22. 23. 24. Oct 1. 2. 5. 6. 7. 14. 19. 20. 21. 22. 23. 26. 28. Nov 3. 10. 11. 16. 17. 19. 23. 26. 30. Dec 7. 9. 11. 14. 18. 23. 1937 Jan 4. 6. Feb 3. 5. 8. 11. 17. 18. 19. 24. 26. Mar 3. 8. 9. 11. 16. 25. Apr 5. 8. 19. 26. 29. May 3. 6. 10. 11. 13. 14. 15.

Total No. of Visits

89