

WRECK
SECTION

NO. 1003

STEEL STEAMER or MOTORSHIP.

Received at London Office -5 FEB 1936

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

3 : 2 : 36

Port of GLASGOW

No. 56500

Survey held at GLASGOW

- Date First Survey 19 Feb 1935

Last Survey 29 Jan 1936

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

STEEL SCREW STEAMER "FORT AMHERST"

(MACHINERY AMIDSHIPS)

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

COMPLETE SUPERSTRUCTURE WITHOUT TONNAGE OPENING

State Type of Erections

POOP + BRIDGE COMBINED AND FORECASTLE.

TONNAGE under Tonnage Deck...

2476.34

CLASS + 100 A.1.

State if with freeboard as condition of Class

YES

Built at GLASGOW

o. 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 310.0

Launched 16th OCTOBER 1935 Yard No. 39.

Total

2476.34

Breadth (greatest moulded)

B 45.0

Builders BLYTHSWOOD S. B. & CO LTD.

Age

3488.51

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

D 27.08

Owners FURNESS RED CROSS LINE

Tonnage

1946.00

1st Longitudinal Number (L x D)

= 8395

Managers FURNESS, WITBY & CO LTD.

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

RED DIMENSIONS.
FEET.

314.90

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

16.1

Residence

45.10

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

11.44

Port of Registry LONDON

24.50

Do. Long Bridge to top of keel

8.8

If surveyed while building, afloat, and in dry dock

Draught Moulded

18.7 7/8

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.	
Spacing amidships	27"			✓	Bracket Floors, Frame	8.8	6	3 1/2	34	✓
" from 1/2 length to Collision bulkhead	24			✓	" " Reversed Frame	8.8	6	3	32	✓
" in peaks	18 F.P. 20 A.P.			✓	" " Vertical Struts	8.8	6	3	32	✓
FRAMING.					Centre Girder, depth and thickness amidships		36	46	✓	
Amidships, Angle, E or F	8	3	42	✓	" " top Angles	SINGLE	5	5	40	✓
" Extends up to	SECOND DECK				" " bottom Angles		3 1/2	3 1/2	46	✓
ed Frame Amidships, Angle					Side Girders, No. each side and thickness		1	34	✓	
" Extends up to					Margin Plate depth (excl. of flange) and thickness		26 1/2	42	✓	
of Framing Girder	8			✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		6	4	36 T	✓
s in Uppermost Continuous 'tween Decks, Angle, E or F	5	3	34	✓	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		6	4	36 T	✓
" Second 'tween Decks, Angle, E or F	8	3	42	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem		36	EVERY 2" F	✓	
" Third " " " "					" " Gussets, spacing and scantling forward 1/4 len. from stem		36	CONTINUOUS	✓	
ng in Peaks, Angle or F	5 1/2	3	40	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		55	36	✓	
eter and Spacing of Rivets through Frame and Shell Plating amidships	7 3/4	4 1/2	✓		INNER BOTTOM PLATING.					
if Frame Joggled	YES		✓		Breadth and thickness of Middle Line Strake		4 1/2	44	✓	
IG ARRANGEMENTS (Sec. 7), state system and particulars	DEEP FRAMES				Thickness of remainder in Holds		40		✓	
	STRUNGERS.		✓		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		✓	
	EXTRA GIRDERS				BEAMS.					
	D. R. FRAMES.				Uppermost Continuous Deck, amidships		6	3	36	✓
	INCR. SHELL PLATING		✓		" " in Wells, Angle, E or F		6	3	38	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars					" " in way of Bridge, Angle, E or F		6	3	38	✓
E BOTTOM.					Spacing		EVERY FRAME		✓	
s, Depth and thickness at mid-line in Holds					Second Deck, amidships, Angle, E or F		6	3	38	✓
Height of Brackets at side above base line at toe of frame					Spacing		EVERY FRAME		✓	
le Line Keelson, on Floors, Angles, E or F					Third Deck, amidships, Angle, E or F		7	3	36	✓
" " Through Plate or Intercoastal Plate					Spacing		EVERY FRAME		✓	
" " Foundation Plate on Floors					Fourth Deck, amidships, Angle, E or F					
" " Flat Plate Keel Angles					Spacing					
Keelsons, No. each side					Poop Deck, Angle, E or F					
" thickness of Intercoastal Plate					Spacing		6	3	36	✓
" Angles					Bridge Deck, Angle, E or F		EVERY FRAME		✓	
DOUBLE BOTTOM.					Spacing					
Floors, thickness and spacing	36 EVERY 4TH FRAME		✓		Forecastle Deck, Angle, E or F		5	3	46	✓
" Are Frame and Reversed Frame joggled?	YES.		✓		Spacing		EVERY FRAME		✓	
ket Floors, breadth and thickness at middle line	27	36	✓							
" breadth and thickness at margin plate	38	36	✓							

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.....	2			Stringer Plate, breadth and thickness in way of Bridge	50	34	✓
„ in 'tween Decks, Size and Spacing			✓	Thickness of Plating abreast Deck openings in way of Wells	30		✓
„ „ „ „ „				Thickness of Plating abreast Deck openings in way of Bridge	30		✓
„ in Holds „ „				Thickness of Plating within line of openings...	30		✓
„ „ „ „ „				If Sheathed, material and thickness			
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....	34		✓
Plating, thickness of				If Plated, state thickness.....	30		✓
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	50	44	✓ APP. 48½	If Plated, state thickness			
„ „ „ „ in way of Bridge	50	34	✓	Poop Deck.			
„ Angle in Wells	5	5	✓	Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings } in way of Wells	36		✓	Plating, Sheathing, material and thickness } ..			
Thickness of Plating abreast Deck openings } in way of Bridge	30		✓	Bridge Deck.			
Thickness of Plating within line of openings...	32-30		✓	Stringer Plate, breadth and thickness.....	50	36	✓ APP. 48
If Sheathed, material and thickness				Plating, Sheathing, material and thickness ..	36	2½	✓ O.P.
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	50	34	✓ APP. 44.	Stringer Plate, breadth and thickness.....	26		✓
				Plating, Sheathing, material and thickness ..	26	2½	✓ O.P.

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <u>No</u>			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	47	.58	.54	.54	✓	DOUBLE ✓	7/8	3 3/8 ✓	3 ✓	7/8	3 1/2 ✓	LAPPED
„ Double (if any)												
BOTTOM PLATING, No. of Strakes ... 3	72	.49	.60	.45	✓ APP. 42 ATENDS	DOUBLE	3/4	3 ✓	3	3/4	2 5/8 ✓	LAPPED.
BILGE PLATING, No. of Strakes ... 1	75	.49	.60	.45	INCREASED FORWARD	„	„	„	„	„	„	„
SIDE PLATING, No. of Strakes ... 3	66	.49	.60	.45	✓ FOR ICE.	„	„	„	„	„	„	„
UPPER DECK, Sheer-strake in Wells.....	60	.56	.42	.42	✓ APP 48 x .56				„	7/8	3 1/2	„
UPPER DECK, Sheer-strake in Bridge ...	60	.55			✓ INCREASED FOR SIDE LIGHTS	DOUBLE	3/4	3	„	3/4	2 5/8	„
STRAKE BELOW Sheer-strake in Wells.....	48 1/2	.54	.42	.42		„	7/8	3 3/8	„	7/8	3 1/2	„
STRAKE BELOW Sheer-strake in Bridge ...	48 1/2	.48				„	3/4	3	„	3/4	2 5/8	„
POOP SIDE PLATING42	✓	„	„	„	2	„	„	„
BRIDGE SIDE PLATING44			Two strakes?	„	„	„	3	„	„	„
FORECASTLE SIDE PLATING			.36		✓	SINGLE ✓	„	„	1 ✓	„	„	„

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

STIFFENERS.					
VERTICAL.	HORIZONTAL.				
		SCANTLINGS.	SPACING.		
MIDSHIP BULKH'D, Upper tween decks	NONE				
" " Second	"				
" " Third					
" " Holds	NONE				
COLLISION (in Hold)	1 SEMI-BOX BEAM.				
AFTER PEAK	W.T. PLAT & 28 AS.				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

STEEL COMPANY OF SCOTLAND, COLVILLES

OPEN HEARTH PROCESS

Has the Steel been tested as required by the Rules?

Yes.

Lloyd's Register
Foundation

EQUIPMENT No 24622												LETTER <i>(u) leave out</i>		ANCHORS.	
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
94554	1st Bower ...	45	0	21	✓	✓		39	8	0	14	45	OVERS TYPE STOCK LESS	S. TAYLOR + SONS	N. 6-9-35. H.G.
94553	2nd „ ...	45	0	0	✓	✓		39	5	0	0	45	„	„	„
94552	3rd „ ...	38	0	23	✓	✓		34	13	0	14	38	„	„	„
	Collective weight.	128	1	16								128			
94572	Stream	12	0	14	✓	0	6	13	19	2	21	12	IRON STOCK	S. TAYLOR & SONS	N. 18-9-35 H.G.

CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		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 53.	
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.			
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
101722	270 5/6	1 1/4	71 8/10	100 5/10	419	0	22		270	1 1/4	TAYCO STUD LINK	S. TAYLOR & SONS	N. 18-9-35. H.G.	TOWLINE...	190	4	33 3/10	100	4
										16				HAWERS & WARPS }	90	2 1/2	13 3/10	90	2 1/2
														"	90	2 1/2	13 3/10	90	2 1/2

Steering Gear, Steam BROWN BROS. — Wilson, PIRRIE TYPE Steering Gear, Hand NONE TACKLE TO AFTER WINDCH.

Boats 4 @ 26'-0" x 8'-3" x 3'-6" FLEMING PATENT SELF-PROPELLED Steering Chains, Size and Test NONE Windlass CLARKE CHAPMAN 8 3/4 x 12

Ceiling in Holds, thickness and material 3" W.P. Cargo Battens, thickness, material and spacing 6 x 2 — 15" CENTRES.

Cargo Hatchways.—(Upper Deck) STEEL COAMINGS Thickness of Hatches 2 1/2"

Size of No. 1 Hatchway (Forward) 16'-0" x 12'-0" No. 2 28'-9" x 14'-0" No. 3 24'-9" x 12'-0" No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters 3 IN N°1 HATCHWAY, 6 IN N°2 HATCHWAY, 5 IN N°3 HATCHWAY.

BLYTHWOOD SHIPBUILDING CO. LTD.
Builder's Signature John W. Stewart Secretary

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel YES
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo NO The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans, the Secretary's letters of various dates and in conformity with the Rules for the class contemplated.

The workmanship and materials are good.

The bulkheads, decks, double bottom tanks, peak tanks, & w.t. fuel bunkers have been tested as required by the Rules and found satisfactory.

The steering gear and windlass have been tested under working conditions and found in order.

Oil fuel, (C.P. above 150°F) is carried in the double bottom and in oil fuel bunkers situated at the forward end of the hold space.

The foremast has been verified and cut in on the vessel's sides.

The amount of Entry Fee £ 7 : 0 : 0 Fees applied for, 28-1. 1936
Special Survey Fee... £ 249 : 9 : 0 Received by me, 31-1. 1936
FREEBOARD £ 14 : 0 : 0
Travelling Expenses, if any £ : : :
(Special notations, where part of class, to be stated.)
I am of opinion the Vessel should be Classed + 100A.1. WITH FREEBOARD

State whether the Vessel has been built under Special Survey YES.
Certificate to be sent to GLASGOW Date of issue 20/1/36
Signature H. Thomson
Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 4-FEB 1936
Character assigned :- 100A1
with freeboard
1.36.
Lloyd's A.O.C.P.
+ L.M.C. 1.36 FD.
Exhaust Turbine driving
Steam compressor.
J.M.B.

The Surveyors are requested not to write on or before the Committee's Minute.

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, (31 plans + 5 reports)
as built

Midship section.

approved plans

- 1 ✓ Midship section
- 2 ✓ Profile and decks.
- 3 ✓ aft end framing
- 4 ✓ Fore end framing.
- 5 ✓ 3rd deck forward
- 6 ✓ Pillars and girders.
- 7 ✓ Port plan deck girders.
- 8 ✓ w.t. bulkheads.
- 9 ✓ Frame brackets.
- 10 ✓ Pillars + webs in engine room.
- 11 ✓ Rolling hatch webs
- 12 ✓ Engine + boiler casing.
- 13 ✓ Double bottom in boiler room
- 14 ✓ Tunnel plan
- 15 ✓ Trunk round No. 3 cargo hatch
- 16 ✓ Midships deckhouse
- 17 ✓ Boat deck plating
- 18 ✓ Gangway doors.
- 19 ✓ Door to oil filling station
- 20 ✓ w.t. inlet chest.
- 21 ✓ Mast plan
- 22 ✓ Running list.
- 23 ✓ Stemframe + Rudder
- 24 ✓ Pumping arrangements (2 plans)
- 25 ✓ Method of draining oiltight fleet.
- 26 ✓ Values for bilge sections
- 27 ✓ Height of ventilators
- 28 ✓ Steering gear
- 29 ✓ Quadrant + Teller.

Reports.

Stemframe

Rudder

✓ Rudder head

Quadrant

Teller.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

weight excluding pins ✓

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	25-2-11	J. G.	374	31-5-29
	2nd "	24-2-3	R. L.	3859	28-6-34
	3rd "	23-0-12	T. R. M.	4863	16-7-35

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of **Keel** ft., **R.O.D.** ft., **Bridge** ft., Forecastle 46.5 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

The poop is joined to the bridge deck, the combined length being 200.0 ft.

No. and Material of Decks 2 dks (all), 3rd deck in forward hold.

Official No. 164573. ; Signal Letters

Is bottom of vessel coated with cement. IN TANKS UNDER MACHY ONLY 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,	65.3	88.7	Fore peak tank,	18.0	23.0
Double bottom, under Engines and Boilers,	47.3	120.2	After peak tank,	20.0	63.8
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	134.2	225.8	Other tanks, if fitted,		
	Total capacity of double bottom	434.7	(If necessary, furnish further information by sketch.)		

TOTAL LENGTH OF DOUBLE BOTTOM 246.8* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 6224

Date 12. 2. 35

Dates of Surveys held while building

1935 Feb: 19. 20. 22 Mar: 5. 8. 14. 19. 20. 26. 27 28 Apr: 2. 4. 19 29 May: 1. 3. 7. 8. 14.
16. 17. 21. 23. 24. 27 30 June: 3. 5. 6. 17. 20. 21 July: 4. 9. 22. 23. 29 Aug: 1. 6. 8. 9. 19. 21
22. 27. 29 30 Sep: 2. 3. 5. 9. 11. 13. 17. 19. 23. 25 Oct: 1. 3. 5. 9. 10. 11. 15. 16 Nov: 7. 14
22. 27 Dec: 11. 18. 23. 24. 27 (1936) Jan: 3. 7. 10. 17. 23. 28. 29

Total No. of Visits 82