

STEEL STEAMER OR MOTORSHIP.

Received at London Office 22 MAY 1948

State if Report has been sent on the Freeboard of the Vessel YES- 8/4/48

State if Report is sent on the Machinery of the Vessel YES- NOW

Date of completion of report

Port of NEWCASTLE-ON-TYNE

No. 105281

Survey held at BLYTH

Date First Survey 22ND MARCH 1948Last Survey 12TH APRIL 1948

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SS "WATSON FERRIS" (SINGLE SCREW)

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

State Type of Erections POOP, BRIDGE & FOCLE

TONNAGE under Tonnage Deck ... 1501

CLASS 100 A1

State if with freeboard as condition of Class NO.

Built at SUPERIOR, WISCONSIN U.S.A.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Launched Yard No. 15

Total

Gross Tonnage 1791

Register Tonnage 1041

Builders WALTER BUTLER SHIPBUILDERS INC.

Owners MINISTRY OF TRANSPORT ON BARE BOAT CHARTER FROM U.S.M.C.

Managers WM CORY & SON LD.

(Where necessary to be entered in Reg. Book)

Residence LONDON.

Port of Registry LONDON.

If surveyed while building, afloat, or in dry dock

AFLOAT & IN DRY DOCK.

REGISTERED DIMENSIONS.

FEET

Length 250.6

Breadth 41.3

Depth 18.4

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 250.0

Breadth (greatest moulded) B 42.08

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 20.42

1st Longitudinal Number (L x D) 51051

2nd Numeral L x (B + D) 156251

Framing Depth "d," at middle of length. See Sec. 3 (1d) 17.59

Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.24

Do. Long Bridge to top of keel 8.80

Draught Moulded 17'-11 1/2"

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	27	✓	Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	27	✓	" " Reversed Frame		
" " in peaks	24	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	34 x 44	✓
Frame Amidships, Angle, E or F TOE WELDED	7 x 4 x 44	✓	" " top Angles	WELDED TO T.T.	✓
" " Extends up to	UPPER DK	✓	" " bottom Angles	WELDED TO KEEL	✓
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	ONE 31	✓
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	46 x 44	✓
Depth of Framing Girder	7	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	WELDED DIRECT	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	DO	✓
" " Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/4 len. from stem	NO GUSSETS	✓
" " Third			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	DO	✓
" " from 1/2 len. for'd. to 15% len. from Stem O.A. TOE WELDED	8 x 4 x 44	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	4'6" x 44	✓
" " in Peaks, Angle E or F	6 x 4 x 38	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	FRAMES WELDED	✓	Breadth and thickness of Middle Line Strake	46 x 44	✓
State if Frame Joggled	NO	✓	Thickness of remainder in Holds	38	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED NO STRINGERS IN FORE HOLD	✓	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	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES.	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in	7 x 4 x 44	✓
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, E or F	7 x 4 x 44	✓
Height of Brackets at side above base line at toe of frame			" " Spacing	27	✓
Middle Line Keelson, on Floors, Angles, E or F			Second Deck, amidships, Angle, E or F		
" " Through Plate or Inter-costal Plate			" " Spacing		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, E or F		
" " Flat Plate Keel Angles			" " Spacing		
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, E or F		
" " thickness of Inter-costal Plate			" " Spacing		
" " Angles			Poop Deck, Angle, E or F O.A. TOE WELDED	5 x 3 x 32	✓
DOUBLE BOTTOM.			" " Spacing	27 x 24	✓
Solid Floors, thickness and spacing	31 x 27	✓	Bridge Deck, Angle, E or F TOE WELDED	5 x 3 x 32	✓
" " Are I-frame and Reversed Frame joggled?	NO	✓	" " Spacing	27 x 24	✓
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, E or F TOE WELDED	5 x 3 x 32	✓
" " breadth and thickness at margin plate			" " 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	ONE ✓		Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing	AS PER		Thickness of Plating abreast Deck openings in way of Wells		
" " " " " " " "	APPROVED ✓		Thickness of Plating abreast Deck openings in way of Bridge.....		
" in Holds " " " "	DRAFT ✓		Thickness of Plating within line of openings..		
" " " " " " " "			If Sheathed, material and thickness.....		
Centre Line Bulkhead. Stiffeners and Spacing	✓		Third Deck. Stringer Plate, breadth and thickness.....		
Plating, thickness of	✓		If Plated, state thickness		
STRINGERS AND DECKS. Uppermost Continuous Deck.			Fourth Deck. Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	40 ✓ x .62 75 AT BREAK		If Plated, state thickness.....		
" " " " " " " " in way of Bridge	40 ✓ x .50		Fifth Deck. Stringer Plate, breadth and thickness.....		
" " " " " " " " Angle in Wells	WELDED ✓		If Plated, state thickness.....		
Thickness of Plating abreast Deck openings } in way of Wells50 ✓		Sixth Deck. Stringer Plate, breadth and thickness.....	.31 ✓	
Thickness of Plating abreast Deck openings } in way of Bridge.....	.38 ✓		Plating, Sheathing, material and thickness31 ✓	
Thickness of Plating within line of openings..	.31 ✓		Seventh Deck. Stringer Plate, breadth and thickness.....	.50 @ CORNICE ✓	
If Sheathed, material and thickness.....	✓		Eighth Deck. Stringer Plate, breadth and thickness.....	40 ✓ x .44	
Second Deck. Stringer Plate, breadth and thickness in Wells	✓		Plating, Sheathing, material and thickness38 ✓	
			Ninth Deck. Stringer Plate, breadth and thickness.....	.31 ✓	
			Plating, Sheathing, material and thickness...	.31 ✓	.50 AT CORNICE

SCANTLINGS.				RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED 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.....		.56 ✓	.56 ✓	.56 ✓								
„ Dblg. (if any)												
Bottom Plating, No. of Strakes 250 ✓	.56 ✓	.56 ✓								
Bilge Plating, No. of Strakes 150 ✓	.44 ✓	.50 ✓								
Side Plating, No. of Strakes 250 ✓	.44 ✓	.50 ✓								
Upper Deck, Sheer-strake in Wells.....		.75 ✓	.56 ✓	.44 ✓	.38 ✓							
Upper Deck, Sheer-strake in Bridge50 ✓										
Strake below Sheer-strake in Wells.....		.50 ✓	.44 ✓	.38 ✓								
Strake below Sheer-strake in Bridge50 ✓	.44 ✓	.38 ✓								
Poop Side Plating.....				.38 ✓								
Bridge Side Plating.....		.50 ✓										
Forecastle Side Plating				.38 ✓								

ALL STEAMS & BUTTS ELECTRICALLY
WELOPED. NO OVERLAPS.

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

			Plating Thickness.	STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULK'HD,	Upper 'tween decks		—			
		Second		—			
		Third		—			
		Holds	44 .25	7x4x35 OA. TOS NERVE	30 ✓	—	—
			38 .31	5x3x42 OA. 6x3x36 OA.	24 ✓	2x10x10 1 PLAT.	—
COLLISION		(in Hold)	65 .31	7x4x36 OA. 3x2x25 OA.	24 ✓	TUNNEL Access	—
AFTER PEAK							

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of

Has the Steel been tested as required by the Rules?

	Casting or Forging.	Scantlings.	Maker's Name.	Any Dep't from App't Plans to be noted.
KEEL, Bar				
STEM	ROLLED M.S. BAR	7 3/8" x 2" ✓		
STERN { Propeller Post	CASE	STEEL		
FRAME { Rudder	FORGED	STEEL		
Speed of Vessel	11 KNOTS	✓		
RUDDER—Type	SEMI-BALANCED	✓		
" A x D.	78.6 x 1.54 = 121	✓		
" Diam. of head	6 1/2	✓		
" Mainpiece at top pintle	8 1/2	✓		
" " heel	6	✓		
" how constructed	ELECT. WELDED	✓		
" double or single plate	DOUBLE	7/16	✓	
" coupling, vertical or	HORIZONTAL.	✓		
" horizontal				

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 55.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
	1st Bower ..											Cwts. 33			
	2nd „ ..														
	3rd „ ..														
	Collective weight											94 cwts.			
	Stream											8 1/2 (on stock)			

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.	Statutory.	Breaking.	Supplied.		Per Rule.	Length.					Diam.	Length.		Cir.	Fathoms.	Cir.	Fathoms.	Cir.
					Tons.	Tons.														
	210	1 1/2	✓					240	1 1/16	CAST STEEL STUD LINK.			TOWLINE	2@100	4 1/2	✓	90	3 1/2		
													HAWSEERS & WARPS	6@90	3 1/2	✓	2290	2 1/4		
													"	4@30	3 1/2	✓	2290	1 3/4		
	90	4 1/2	✓					95	4.				"	3@90	2 1/2					

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.	Statutory.	Breaking.	Supplied.		Per Rule.	Length.					Diam.	Length.		Cir.	Fathoms.	Cir.	Fathoms.	Cir.
					Tons.	Tons.														
	210	1 1/2	✓					240	1 1/16	CAST STEEL STUD LINK.			TOWLINE	2@100	4 1/2	✓	90	3 1/2		
													HAWSEERS & WARPS	6@90	3 1/2	✓	2290	2 1/4		
													"	4@30	3 1/2	✓	2290	1 3/4		
	90	4 1/2	✓					95	4.				"	3@90	2 1/2					

Hand Control at Rear & Emergency Tackle to
POOP DECK WINCHES.

STEERING GEAR, TYPE (Power or hand) STEAM BY AMERICAN HOIST & ORRICK CO. ST. PAUL, MINN. Alternative Means of Steering

STEERING CHAINS (Size and Test) NO CHAINS - TELEMOTOR CONTROL ✓ Windlass STEAM BY AMERICAN HOIST & ORRICK CO. ✓ Boats 2-24'0" STEEL LIFEBOATS
1-WOOD ONEWAY.

CEILING IN HOLDS, THICKNESS AND MATERIAL 2 1/2" DOUGLAS FIR IN LINE OF HATCHES. Cargo Battens, thickness, material and spacing CARGO BATTEN NOT FITTED.

CARGO HATCHWAYS.-(Upper Deck) OF STEEL PLATES & ANGLES. Thickness of Hatches 2 1/2" WOOD.

Size of Hatchways No. 1 (Fwd.) 31'-6" x 21'-0" No. 2 34'-2" x 21'-0" No. 3 27'-0" x 21'-0" No. 4 27'-0" x 21'-0" No. 5 — No. 6 —

Number of Shifting Beams } 5 ✓ 5 ✓ 4 ✓ 4 ✓
and/or Fore and Afters }

Builder's Signature _____

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 no. 1
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo no. 1. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This vessel was built in accordance with the Rules and Regulations of the American Bureau of Shipping ✓

The vessel has been examined throughout, afloat and in drydock, and the handling and arrangements found to be in agreement with the plans approved for sister vessels. ✓

The workmanship and condition of this ship is satisfactory. ✓

The vessel was docked on the 5th April 1948. ✓

The assigned fireboards have been marked on the ship's sides, verified, cut in and painted. ✓

The amount of Entry Fee..... £ : : } Fees applied for,
Special Survey Fee..... £ : : } 19
Travelling Expenses, if any £ : : } Received by me, 19

(Special notations, where part of class, to be stated.)
[Cargo battens not fitted].

I am of opinion the Vessel should be Classed 100 A1.

Signature W.T. Swans
Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey _____

Certificate to be sent to Newcastle-on-Tyne Date of issue 8/6/48

Committee's Minute / 100A1 Subject "Cargo battens not fitted"

Character assigned 4.48 Bly.
S.S. Bly 4.48
Classed 4.48
LMC 4.48 Subject "Cargo battens not fitted"
2 WTB 250lb (220lb)

Note: LXX SRL.

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.)

Rpt. 8.

RE

Date of writing

No. in
Reg. Book.

35711

TONN

GROSS

UNDER DECK

NET

Surveyed At

Cell/D/Bor/D

total capacity

Only

N.B.

Last R

(Periodical Survey of the Vessel and subsequent repairs and alterations for other causes than replacement of parts. State also the nature of the repairs and alterations.)

In damage or repairs offered

REPAIRS, (to be made)

to be made

Now

Ins

coal,

deck

ste

for

SUMMARY OF

Renewed

Removed

Faired

PRESENT CONDITION

Decks

Caulking of Decks

Coamings

Beams & Fastenings

Outside Plating

" "

Frames

Reverse Frames

Longitudinals

Transverses

Floors

Keelsons

Stringers

Inner Bottom

Have the Tank

Have the Tank

General

this survey,

This is

record

being

the

Survey Fee (per Sec)

Special Damage (per Sec)

Travelling Expenses

Second Surveyor

License

Committee

Character

Character

Character

Character

Character

Character

Character

Character

PARTICULARS OF ELECTRIC WELDING (if employed)

This ship is electrically welded throughout

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

E.S.D. / ELECTRICALLY WELDED — CARGO BATTENS NOT FITTED.

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

1st Bower

2nd

3rd

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 22 ft., R.Q.D. ft., Bridge 70 ft., Forecastle 26 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 169713 Signal Letters B K T S Extreme Breadth over Belting 42' 2" Over-all Length 258' 9"

No. and Material of Decks ONE DECK STEEL

Parts of Bottom of Vessel coated with cement or approved composition CEMENT

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft,	11' 4 1/4	69.75	Fore peak tank,	UPPER & LOWER	62
Double bottom, under Engines and Boilers,	44' 6 5/8	36.00	After peak tank,		44
Double bottom, if under Engines only,	33' 7/8		Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	59' 1/2	101.25	Other tanks, if fitted,		
Total length (if continuous) and Capacity.	207.00	485	(If necessary furnish further information by sketch.)		
	209.25				

Order for Special Survey No.

Date

Dates of Surveys held while building

1948 MAR. 23, 24, 30, 31, APRIL 1, 2, 8, 12



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