

## STEEL STEAMER or MOTORSHIP.

WRECK BAY

No. 154

Section 3

Received at London Office

May 14 1939

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

9 May 1939

Port of

Newcastle-upon-Tyne

No.

97437

Survey held at

Walker-on-Tyne

Date First Survey

17 May 1938

Last Survey

4 May

1939

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

"BRITISH INFLUENCE"

Machinery aft.

Single Screw

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

Full Scantling

State Type of Erections

P.B.F.

TONNAGE under

7409.63

Tonnage Deck

CLASS +100 A.1.

State if with freeboard

as condition of Class

Built at

Walker-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 464'2 1/2"

Launched

8<sup>th</sup> March 1939

Yard No. 7594

Total

Breadth (greatest moulded)

B 61'9"

Builders

Swan Hunter &amp; Wigham Richardson Ltd.

Gross Tonnage

8430.97

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

D 34'0 1/2"

Owners

British Tanker Co. Ltd.

Register Tonnage

4855.23

1st Longitudinal Number (L x D)

= 15801

Managers

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

2nd Numeral L x (B + D)

= 44466

Residence

REGISTERED DIMENSIONS.

FEET.

Length

466.3

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

13.63

Port of Registry

London

Breadth

61.9

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

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

Building + afloat

Depth

33.95

Draught Moulded

27'5 3/4"

## 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	31 1/2" + 30"	Machy space	Bracket Floors, Frame	none	✓
" " from 1/2 length amidships to Collision bulkhead	27"	✓	" " Reversed Frame	none	✓
" " in peaks	24"	✓	" " Vertical Struts	none	✓
Frame Amidships, Angle [E or F]	10 3 1/2 40	✓	Centre Girder, depth and thickness amidships	63" x 54" x 46	✓
" " Extends up to	Upper deck	✓	" " top Angles	double 3 1/2 x 3 1/2 x 48-44	✓
Reversed Frame Amidships, Angle	✓		" " bottom Angles	5 x 5 x 54-50	✓
" " Extends up to	✓		Side Girders, No. each side and thickness	2 62, 46 x 42	✓ 50 x 42
Depth of Framing Girder	10"		Margin Plate depth (excl. of flange) and thickness	54	✓
Frames in Uppermost Continuous 'tween Decks, Angle [E or F]	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	
" " Second 'tween Decks, Angle [E or F]	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " from 1/2 len. for'd. to 15% len. from Stem	as approved	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓	
" " in Peaks, Angle or [E or F]	8 3 1/2 46	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	3 1/2" x 46	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" - 4 3/8"	✓	INNER BOTTOM PLATING, Machy space		
State if Frame Joggled	Yes	✓	Breadth and thickness of Middle Line Strake	70 x 52	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	as approved	✓	Thickness of remainder in Holds	52 1 1/4" under Englass	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	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 [E or F]	Long	✓
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle [E or F]	✓	
Middle Line Keelson, on Floors, Angles [E or F]			Spacing	✓	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle [E or F]	✓	
" " Foundation Plate on Floors			Spacing	✓	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle [E or F]	✓	
Side Keelsons, No. each side			Spacing	✓	
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle [E or F]	✓	
" " Angles			Spacing	✓	
DOUBLE BOTTOM, Machinery space.			Poop Deck, Angle [E or F]	9 x 3 x 42 x 40 + 375	✓
Solid Floors, thickness and spacing	42 x 62 under Engine	✓	Spacing	every	✓
" " Are Frame and Reversed Frame joggled?	Yes	✓	Bridge Deck, Angle [E or F]	7 x 3 x 33	✓
Bracket Floors, breadth and thickness at middle line	none	✓	Spacing	every	✓
" " breadth and thickness at margin plate	none	✓	Forecastle Deck, Angle [E or F]	9 x 3 x 42 x 40	✓
			Spacing	every	✓

WS60-024 113



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.
<b>PILLARS, No. of Rows.....</b>			Stringer Plate, breadth and thickness in way of Bridge .....	✓	
" "in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings) in way of Wells .....	✓	
" " " " " "			Thickness of Plating abreast Deck openings) in way of Bridge .....	✓	
" "in Holds " " "			Thickness of Plating within line of openings...	✓	
" " " " " "			If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkheads in Tanks.</b>	10x3½x42 ✓	.40 affd. ✓	<b>Third Deck.</b>	✓	
Stiffeners and Spacing.....	space 31½ apart with extra strong as approved ✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	.37 x .49 ✓	.40 affd. ✓	If Plated, state thickness.....	✓	
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>	✓	
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	72½ x .82 ✓	72 x .72 ✓	If Plated, state thickness .....	✓	
" " " "In way of Bridge	.98 ✓	.72 x .88 ✓	<b>Poop Deck.</b>		
" Angle in Wells .....	8 x 8 x .70 ✓	7 x 7 x .72 ✓	Stringer Plate, breadth and thickness .....	38 x .38 ✓ 30 x .26 ✓	
Thickness of Plating abreast Deck openings) in way of Wells .....	.70 on through strakes ✓ .68 on one side strake ✓ .68 on other strake ✓		Plating, Sheathing, material and thickness ...	Part sheathed 2½" woot dk ✓	
Thickness of Plating abreast Deck openings) in way of Bridge .....	7 through strake maximum locally .72 .95 x .72 where 3 lak gus covered ✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...			Stringer Plate, breadth and thickness.....	56" x .44 ✓ .30 ✓	
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ...	2½" woot dk exposed ✓	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	36" x .38 ✓ .30 ✓	
			Plating, Sheathing, material and thickness ...	2½" woot dk ✓	

SCANTLINGS.					RIVETING. <i>Amidships</i>							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No</i> State if joggled?			BUTTS.			
	AMIDSHIPS.		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 .....	53	.99	.92	.82	.77 at ends	Double	1	4	Quintuple	1 1/8	5	Lapped
" DELG. (if any)												
BOTTOM PLATING, No. of Strakes ..... (4)	2 at	.65	.56	.51	.51 at ends	Double	7/8	3 1/2	Quad	7/8	3 1/2	"
BILGE PLATING, No. of Strakes ..... (4)		.65	.56	.51	"	"	7/8	3 1/2	"	7/8	3 1/2	"
SIDE PLATING, No. of Strakes ..... (3)		.64	.53	.48	.48 at ends	"	7/8	3 1/2	"	7/8	3 1/2	"
UPPER DECK, Sheer-strake in Wells.....	63	1.08	.53	.48	.98 amidships .48 at ends	✓	✓	✓	Sextuple + Quintuple	1 1/8	5	"
UPPER DECK, Sheer-strake in Bridge ...		1.08 + 1.28	✓	✓	.98 + 1.18	✓	✓	✓	Sextuple	1 1/8	5	"
STRAKE BELOW Sheer-strake in Wells.....		.82	.53	.48	.48 at ends	Double	1 1/8	4 1/4	Quad	1	4	"
STRAKE BELOW Sheer-strake in Bridge ...		.82	✓	✓		"	1	4	"	1	4	"
POOP SIDE PLATING .....				.40		one strake two strakes	✓	3"	Double, double + single	3/4	2 7/8	"
BRIDGE SIDE PLATING ...		.44	✓			double	3/4	3"	Comm. triple upper double	3/4	2 7/8	"
FORECASTLE SIDE PLATING			.44			single	3/4	3	single	3/4	2 5/8	"

FORGINGS and CASTINGS.

Plating Thickness.		STIFFENERS.				FRAME (Rudder " " " "	
		VERTICAL.		HORIZONTAL.		Speed of Vessel.....	11 1/2. ✓
		Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULK'H'D, Upper tween decks						RUDDER—Type.....	Centz Type under
"	"	Second				" A x D .....	✓
"	"	Third				" Diam. of head .....	13 3/4" ✓
"	"	Holds .....	5' 1/2 x 42	10 x 3 1/2 x 42	7 30 x 13 1/2	" Mainpiece at top pintle	Built up rudder go
COLLISION		(in Hold)	5 1/2 x 34	4 x 3 x 36 L x 4 1/2 x 3 x 26 L	4 1/2 x 3 x 26 L	" " heel ...	apptd for No 1498 ship.
AFTER PEAK		"	46 x 30	4 x 3 x 36 L	24 x 1	" how constructed .....	2 acquirs by Wilton Forge
						" double or single plate	double .60. ✓
						" coupling, vertical or horizontal .....	horizontal coupling ✓
STEEL.		Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					
		Consett Iron Co. Ld., Cargo Steel Iron Co. Ld., The Lancashire Steel Co. Ld., Skinning Iron Co. Ld., Borman & Co. Ld., Colville Ld., Steel Co. Scotland Ld., Appleby Frodingham Steel Co., South Durham S. & C. Ld.					
		Has the Steel been tested as required by the Rules? Yes. ✓					

Rpt. 1\*.

Newcastle-on-Tyne

"BRITISH INFLUENCE"

S.H.W.R. 1594

No. 97437

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETS IN LONGITUDINAL FRAMES.		Spacing of Rivets on each side of Transverse and Bulkheads.	RIVETING.		
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Diam.	Spaced.		Number.	Spaced.	
		Ina.	Ina.	Ina.	Ina.	Ina.	Ina.	Ina.	Ina.	Ina.	Ina.	Ina.	Ina.	Ina.	Ina.	Inches.	Number.	Spaced.	
Framing of L, C or C .....																			
Frames in Bridge 'tween Decks ...																			
Frames from Uppermost Continuous Deck No. 1																			
	" 2																		
	" 3																		
	" 4																		
	" 5																		
	" 6																		
	" 7																		
	" 8																		
	" 9																		
Wing tanks	" 10	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	17x4x4x.48	3/8" for 10"	16	3/8"	
	" 11	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	" 12	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	" 13	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	" 14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	" 15	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
Centre tanks	" 16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	" 17	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
Spacing of Longitudinal Frames		Amidships			At Ends			Amidships			At Ends								
Double Bottoms L, C or C		Tank Top Longitudinals			Bottom			Tank Top Longitudinals			Bottom								
Spacing of Longitudinals		Amidships			At Ends			Amidships			At Ends								
Transverses.																			
In Bridge	Depth and Thickness																		
	Face Angles																		
'tween Decks	Lugs to Shell*																		
	Depth and Thickness																		
Upper 'tween Decks.	Face Angles																		
	Lugs to Shell*																		
WING TANKS	Depth and Thickness																		
	Face Angles																		
Bottom	Lugs to Shell*																		
	Depth and Thickness																		
Upper 'tween Decks.	Face Angles																		
	Lugs to Shell*																		
WING TANKS	Depth and Thickness																		
	Face Angles																		
Bottom	Lugs to Shell*																		
	Depth and Thickness																		
Upper 'tween Decks.																			

The particulars of framing in peaks (if ordinary), Floors, Centre Girders, Side Girders and Margin Plate and their angle attachments, etc., to be entered in the 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.

Character assigned

100 20 MAY 1959

*Larvix petroleum* in bulk  
and accl. + incub 5-39  
of 2 SB - 1500

Foundation  
W560-0143







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 approved plans (17 in number) are enclosed together with Profile & decks (as built). ✓  
Midship section (as built) previously forwarded for preparation of classification certificate.  
Forging reports herewith ✓

PARTICULARS OF ELECTRIC WELDING (if employed)

Space plating between shell frames on upper deck fore and under fore-castle dk. ✓  
" " " " " after peak tank top. ✓  
Seams & bulks of 2<sup>nd</sup> deck plating in way of cargo hold. ✓  
all welding carried out with approved electrodes & in accordance with rule requirements.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book + 100 A.I. "carrying petroleum at bottom & deck. ✓  
Cruiser stern, machinery aft, long framing on bottom & deck. ✓  
Lloyds A & C.P. ✓

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.		Weight in lbs.	Surveyor's Initials	No. of cuts.	Date of test.
1st Bower		58.3.21. ✓	E.E.	176	17.12.37.
2nd "		53.1.21. ✓	W.H.	3214	8.4.38.
3rd "		44.1.14. ✓	E.E.	354	15.7.38.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 103 + 8.5' overhang ✓ ft., R.Q.D. ✓ ft., Bridge 36 + 7.5' overhang ✓ ft., Fore-castle 50.4 ft. ✓

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

Official No. 167227. Signal Letters G.P.P.J. Extreme Breadth over Belting (Circ. 1611) ✓ Over-all Length 481' 7" ✓ (Circ. 1703)

No. and Material of Decks 1 deck + 2<sup>nd</sup> dk clear of cargo tanks ✓

Parts of Bottom of Vessel coated with cement or approved composition Peak tanks cemented, ✓ Red tanks Bituminous enamel, ✓ R.B. Cofferdam & Eng Rm well cemented, ✓ cargo oil tanks, oil bunkers, main cofferdams, Pump room, F.O. Tank cemented & filled. ✓

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. Feet.	SW. Water Capacity. Tons.	Where Fitted.	Length. Feet.	SW. Water Capacity. Tons.
Double bottom, aft, (all 2 B's)			Fore peak tank,	24' 2 1/2"	209 ✓
Double bottom, under Engines and Boilers, } Feed tank		37.0 ✓	After peak tank,	18' 0"	183 ✓
Double bottom, if under Engines only, } O.F. drain tank	75' 0"	40 ✓	Deep tank, aft,		
Double bottom, if under Boilers only, } oil fuel tank		135.0 ✓	Deep tank, forward,	39' 9"	489 ✓
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity		176.0 ✓	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 5574  
Date 22.6.38  
Dates of Surveys held while building  
1938  
May 17. 18. June 13. July 15. 18. 20. 28. Aug 9. 12. 19. 24. 29. Sept 5. 7. 12. 14. 16. 20. 22. 27. Oct 4. 13. 19. 24. 26. 27. 31. Nov 9. 10. 15. 18. 22. 30. Dec 2. 6. 8. 12. 13. 16. 20. 21. 28. Jan 4. 10. 12. 16. 18. 19. 21. 23. 25. 27. 30. 31. Feb 1. 2. 3. 6. 7. 8. 9. 10. 13. 14. 16. 17. 20. 22. 23. 24. 28. Mar 2. 7. 8. 10. 14. 15. 17. 21. 22. 23. 29. Apr 3. 4. 6. 11. 12. 14. 17. 18. 19. 21. 24. 25. 27. May 4.  
Total No. of Visits 98.