

## STEEL STEAMER OR MOTORSHIP.

9 JAN 1942

Received at London Office

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 *8/1/42* Port of *NEWCASTLE-ON-TYNE* No. *100073*Survey held at *Walker-on-Tyne* Date First Survey *6 Dec 1940* Last Survey *31 Dec 1941*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Steel screw Tanker "BRITISH CHARACTER"* *Machinery aft*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling* State Type of Erections *Forecastle, Bridge & Poop*TONNAGE under Tonnage Deck ... *7409.63*CLASS *+100 A1*State if with freeboard as condition of Class *No*Built at *Walker-on-Tyne*No. 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 463'0"*Launched *25th August 1941* Yard No. *1698*Breadth (greatest moulded) *B 61'9"*Builders *Swan, Hunter, Wignam, Richardson*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.*Total Gross Tonnage *8452.55*1st Longitudinal Number (L x D) *= 15760*

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

Register Tonnage *4896.55*2nd Numeral L x (B + D) *= 44350*

Residence

## REGISTERED DIMENSIONS.

FEET

Length *466.3*Framing Depth "d," at middle of length. See Sec. 3 (1d) *✓*Breadth *61.9*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.60*Depth *33.95*Do. Long Bridge to top of keel *✓*Draught Moulded *27'5 3/4"*If surveyed while building, afloat, or in dry dock *yes*

## FRAMES, DOUBLE BOTTOM AND BEAMS.

*Longit. Framing see Rpt. 1\**

INCHES IN SHIP.

Any Departure from Approved Plans to be Noted.

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FRAMES, Spacing amidships *31 1/4*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 *63 x 54 "46"*Frame Amidships, Angle, *E or C* *10 3 1/2 40*" " top Angles *3 1/2 x 3 1/2 "48*" " Extends up to *upper deck*" " bottom Angles *5 5 "54*Reversed Frame Amidships, Angle *✓*Side Girders, No. each side and thickness *2 62-46-42*" " Extends up to *✓*Margin Plate depth (excl. of flange) and thickness *✓*Depth of Framing Girder *10*" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem *✓*Frames in Uppermost Continuous 'tween Decks, Angle, *C or E* *✓*" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area *✓*" " Second 'tween Decks, Angle, *C or E* *✓*" " Gussets, spacing and scantling abaft 1/4 len. from stem *✓*" " Third " " " " *✓*" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area *✓*" " from 1/2 len. for'd. to 15% len. from Stem *10 3 1/2 40 11 3 1/2 47*Tank Side Brackets, height above base line at toe of Frame and thickness *✓*" " in Peaks, Angle, *E or C* *8 3 1/2 46*INNER BOTTOM PLATING. *heavy space*Diameter and Spacing of Rivets through Frame and Shell Plating amidships *7/8 - 4 7/8*Breadth and thickness of Middle Line Strake *60 x 52 (70 under Engine)*State if Frame Joggled *yes*Thickness of remainder in Holds *1.52 1.25 under Engine*Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? *yes*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? *✓*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 Wells, Angle, *C or E* *See Longit. Framing Rpt. 1*Floors, Depth and thickness at mid-line in Holds *✓*" " in way of Bridge, Angle, *C or E* *✓*Height of Brackets at side above base line at toe of frame *✓*Spacing *✓*Middle Line Keelson, on Floors, Angles, *C or E* *✓*Second Deck, amidships, Angle, *C or E* *✓*" " Through Plate or Inter-costal Plate *✓*Spacing *✓*" " Foundation Plate on Floors *✓*Third Deck, amidships, Angle, *C or E* *✓*" " Flat Plate Keel Angles *✓*Spacing *✓*Side Keelsons, No. each side *✓*Fourth Deck, amidships, Angle, *C or E* *✓*" " thickness of Inter-costal Plate *✓*Spacing *✓*" " Angles *✓*Poop Deck, Angle, *E or C* *8 3 3.35 9 3 1/2 38 9 3 1/2 44*DOUBLE BOTTOM. *in heavy space*Spacing *Every frame*Solid Floors, thickness and spacing *62 x 46 every frame*Bridge Deck, Angle, *E or C* *7 3 33*" " Are Frame and Reversed Frame joggled? *yes*Spacing *Every frame*Bracket Floors, breadth and thickness at middle line *✓*Forecastle Deck, Angle, *E or C* *8 3 3.35 9 3 1/2 38*" " breadth and thickness at margin plate *✓*Spacing *Every frame*



## 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 .....	✓	
„ „ „ „ „ 7	✓		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</b>			<b>Third Deck.</b>		
Stiffeners and Spacing 31 1/4 B.A.	10 3 1/2 .40	Centre bulk 10 3 1/2 .40	Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	.51 x .40		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	71 3/8 x .70		If Plated, state thickness.....	✓	
„ „ „ „ in way of Bridge	.88 x .70	✓	<b>Poop Deck.</b>		
„ Angle in Wells .....	7 7 .72	✓	Stringer Plate, breadth and thickness.....	48 x .35	38 x .38
Thickness of Plating abreast Deck openings } in way of Wells .....	Centre stringer .70		Plating, Sheathing, material and thickness ...	30 x .28	
Thickness of Plating abreast Deck openings } in way of Bridge.....	3rd .70 Hatch .60		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	✓		Stringer Plate, breadth and thickness.....	61 1/2 x .44	36 x .44
If Sheathed, material and thickness.....	✓		Plating, Sheathing, material and thickness ...	.32	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells	✓		Stringer Plate, breadth and thickness.....	36 x .38	
			Plating, Sheathing, material and thickness...	.36	

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED,	EDGES. <i>ho</i> State if joggled?			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.....	53	.99	.77	.77		2R	1	4	4R & 5R	5 1/8	5	2 5/8
„ Dblg. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Bottom Plating, No. of Strakes .....	B 65 C 65 D 9 1/2 E 9 1/2	.65 .65 .66 .66	.76 .76 .76 .51	.67 .79 .79 .67		2R	7/8	3 1/2	4R	7/8	3 1/2	
Bilge Plating, No. of Strakes .....	F 87	.65	.56	.62		2R	7/8	3 1/2	4R	7/8	3 1/2	
Side Plating, No. of Strakes .....	G 84 H 82 3/4 J 87	.64 .64 .64	.48 .48 .48	.79 .48 .48		2R	7/8	3 1/2	4R	7/8	3 1/2	
Upper Deck, Sheer- strake in Wells.....	63	.98	.48	.48		✓	✓	✓	5R	1 1/8	5	
Upper Deck, Sheer- strake in Bridge ...	63	1-18	✓	✓		✓	✓	✓	5R	1 1/8	5	
Strake below Sheer- strake in Wells.....	81	.82	.48	.48		2R	1	4	4R	1	4	
Strake below Sheer- strake in Bridge ...	81	.82	✓	✓		2R	5 1/8	4 1/2	4R	1	4	
Poop Side Plating.....	✓	.40	✓	✓		1R	7/8	3 1/2	1R	3/4	2 7/8	
Bridge Side Plating.....	✓	.44	✓	✓		2R	3/4	4	2R	3/4	2 7/8	
Forecastle Side Plating	✓	.44	✓	✓		1R	3/4	3	1R	3/4	2 7/8	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c).....16 ✓

„ Deck next below.....✓

As per Rule.....✓

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar .....			✓	✓
STEM .....	Roller Bar	10" x 2 3/4"		
STERN FRAME {	Propeller Post .....	Cast	1 1/8" x 8 3/4"	Steel Co. of Scotland.
	Rudder " .....	Steel	as approved	
Speed of Vessel	12 knots	✓		
RUDDER—Type .....	As approved		Borman Long & Co.	
" A x D .....	804			
" Diam. of head .....		13 3/4"	Waddington Steel Co. Ltd.	
" Mainpiece at top pintle	} as approved.			
" " heel .....				
" how constructed .....	E. Welded	as approved.		
" double or single plate coupling, vertical or horizontal .....	Double Horizontal			

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D, Upper 'tween decks	✓				
"	" Second "	✓				
"	" Third "	✓				
"	" Holds .....	✓	10 x 3 1/2 x .46	31 1/4 Wing Panels	} B.A.	
		510.39	10 x 3 1/2 x .40	30 Centre "		
			11 x 3 1/2 x .51 B.A.			
COLLISION	(in Hold) .....	✓	6 x 3 x .33 B.A.	24 "		
AFTER PEAK	" .....	✓	9 x 3 1/2 x .37 B.A.	24 "		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *Consett Iron Co. Ltd.*  
*Colvilles Ltd. Dorman Long Co. Ltd. Skinningrove Iron Co. Ltd. Cargo Fleet Iron Co. Ltd. Laminashire Steel Co. Ltd.*  
*Raine & Co. Ltd. Appleby Frodingham Steel Co. Ltd. South Durham Steel & Iron Co. Ltd.*  
Has the Steel been tested as required by the Rules? *Yes. (Open hearth).*



- 9 JAN 1942

Lloyd's Register  
 Foundation

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.

002859-002867-01583

+ 150 A1



EQUIPMENT No. 46502												LETTER d	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, Hk. 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.				
40646	1st Bower ...	77	3	7	-	-	-	57	12	2	0	77-1-9 1/2	Boys Improved Stalkless	✓	L.P.H.S. 27/3/41. W.V. Loman
40589	2nd „ ...	77	2	21	-	-	-	57	12	2	0	✓	5"	✓	L.P.H.S. 3/2/41. W.V. Loman.
	3rd „ ...														
	Collective weight											232-0-0			
54416	Stream ....	23	2	22	6	0	0	23	13	3	0	23 1/2	ordinary forged. wrought iron	✓	L.P.H.S. 20/6/41. S.C. Paul

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and size per Table 53.		Descrip- tion.	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.	Status.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.		Length.	Cir.
116332	240	2 1/2	112 1/2	157 1/2	753	1	7	300	28 1/2	stud	✓	L.P.H.N. 26/6/41 J.A. Relf	TOWLINE	130	5 1/2	84.4	130	5 1/2	
													HAWSERS & WARPS	2@100	2 3/4	15.2	2@100	2 3/4	
														"	2@100	2 3/4	15.2	2@100	2 3/4
Iron Stream Chain or Steel Wire	120	4 3/4		64 1/2				120	4 3/4				"						

Steering Gear, Type (Power or hand) Power, steam hydraulic by J. Hartie & Sons Alternative Means of Steering Blocks & Tackle

Steering Chains (Size and Test) ✓ Windlass Steam Emerson, Walker Boats 1@24'0" x 7'8" x 3'2" motor with 1@24'0" x 7'6" x 3'1"

Ceiling in Holds, thickness and material ✓ Cargo Battens, thickness, material and spacing ✓

Cargo Hatchways.—(Upper Deck) Steel plates & angles Thickness of Hatches 64" steel plates to oil cargo tanks. 40" " & stiffeners to fore hold.

Size of Hatchways No. 1 (Fwd.) 6'3" x 10'0" oil cargo hatch. W.T. plate cover stiffened No. 2 6'0" x 4'0" steel O.T. covers No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters ✓

Builder's Signature FOR SWAN, HUNTER & WIGHAM RICHARDSON, L.

Thos Morrison

DIRECTOR

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 Motor Vessel (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo oil tanker. 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 has been constructed in accordance with the approved plans, the Secretary's letters and generally conforms with the Society's Rules for the class contemplated. The materials and workmanship are good.

The weather decks clear of oil tanks, and W.T. bulkhead above peak tank forward have been hose tested and found satisfactory. The peak tanks, all cargo tanks, deep tank forward, oil fuel bunkers, cofferdams and double bottom tanks have been tested as required by the Rules and found satisfactory. The requirements of Section 20 of the Rules, where applicable, for the carriage of oil fuel, having a flash point above 150°F have been complied with. The windlass and steering gear have been tried over, (war conditions), and found satisfactory.

The assigned freeboards have been marked on the vessel's sides, verified and cut in.

The oil fuel is carried in bunkers at the forward end of the engine room, in fore deep tank and part of the double bottom under the machinery space.

The amount of Entry Fee..... £11 : 0 : 0  
Special Survey Fee..... £616 : 19 : 9  
Travelling Expenses, if any ..... £19 : 0 : 0  
State whether the Vessel has been built under Special Survey yes

Fees applied for,  
= 8 JAN 1942  
Received by me,  
19

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed +100A.1  
"Carrying petroleum in bulk."

Signature E.H. Dean  
Surveyor to Lloyd's Register of Shipping.

Certificate IN DUPLICATE to be sent to NEWCASTLE-ON-TYNE Date of issue 24/2/42

Committee's Minute

Character assigned

FRI. 23 JAN 1942

+100A.1

Carrying Petroleum in Bulk  
Lloyd's A & CB

Write NRC

Attm.

+ LMC 12.41 ©2020  
2DB 150 lb

Lloyd's Register Foundation

002889-002867-0188 3



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.)

This vessel is similar to the "BRITISH INFLUENCE" Newcastle report no. 97437, and sister to the "BRITISH HARMONY" Newcastle report no. 99856  
The approved plans as per attached list and forging reports are forwarded with this report.

Note:—This vessel sustained damage, stated to have been caused by contact with H.M. ship in river Tyne 6/10/41.

Repair:—Shell plate E 20 Starboard side from fwd. renewed, stringer plate & shell connections in way renewed. Fore peak tank & fore deep tank satisfactorily tested after repairs.

PARTICULARS OF ELECTRIC WELDING (if employed) only minor details of the structure electrically welded. Electrodes used and methods employed are in accordance with the rules.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Cruiser Stern; Machinery aft; Longitudinal framing at bottom and decks; Lloyds A.R.P.; E.S.D.; D.F.

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

1st Bower. <sup>cast</sup> 46-2-14, Init. A.E.G.; No. of Cert. 3307; Date 14/10/40.  
2nd " 46-2-4, " J.D.; " 3366; " 30/10/40.  
3rd " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 101'9½ ft., R.Q.D. ✓ ft., Bridge 44'0 ft., Forecastle 49'0 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 168246 Signal Letters BCLQ Extreme Breadth over Belting 62'0" <sup>no deck</sup> Over-all Length 481'7" (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1<sup>st</sup> D<sup>th</sup> Sd. 2<sup>nd</sup> D<sup>th</sup> clear of Cargo tanks.

Parts of Bottom of Vessel coated with cement or approved composition Bottom of fore and after peak tanks, and engine room double bottom tanks.

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.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	24'2½	209
Double bottom, under Engines and Boilers,			After peak tank,	16'0"	82
Double bottom, if under Engines only,	27'6"	37.	Deep tank, aft, Cofferdam.	3'6"	186
Double bottom, if under Boilers only,			Deep tank, forward, Cofferdam.	3'6"	188
Double bottom, forward,			Other tanks, if fitted, Deep tank forward.	39'9"	489
Total length (if continuous) and Capacity.		176	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 5617

Date 26.11.40

Dates of Surveys held while building

1940 Dec. 6. 12. 30. 1941 Jan. 6. 13. 21. 22. 26 Feb. 3. 10. Mar. 10. 19. 26. 27. Apr. 12. 18. 22. 30. May 7. 9. 23. June 10. 12. 19. 20. 23. 29. July 25. 29. 30. 31. Aug. 15. 6. 7. 8. 11. 12. 13. 14. 15. 16. 18. 19. 20. 21. 29. Sep. 9. 12. 16. 18. 30. Oct. 14. Nov. 6. 19. 21. 27. Dec. 4. 12. 17. 22. 26. 29. 30. 31.

Total No. of Visits 65