

STEEL STEAMER OR MOTORSHIP.

Received at London Office

29 APR 1943

State if Report has been sent on the Freeboard of the Vessel

Yes

State if Report is sent on the Machinery of the Vessel

No

Date of completion of report

24/4/43

Port of

NEWCASTLE-ON-TYNE

No.

101186

Survey held at

Walker-on-Tyne

Date First Survey

13 May 1942

Last Survey

12 April

19

On the

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

Single Screw Motor Tanker

"BRITISH RESPECT"

Machinery aft.

State Type

(Full Scantling Complete Superstructure with or without Tonnage Openings)

Full Scantling

State Type of Erections

Poop, Bridge

TONNAGE under Tonnage Deck ...

7461.83

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

Total

Gross Tonnage

8479.24

Register Tonnage

4966.82

REGISTERED DIMENSIONS.

FEET

Length

469.85

Breadth

61.90

Depth

33.95

CLASS +100A.1. Carrying Petroleum in Bulk.

State if with freeboard as condition of Class

No

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

L 463'0"

Breadth (greatest moulded)

B 61'9"

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"

1st Longitudinal Number (L x D)

15760

2nd Numeral L x (B + D)

44350

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

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

13.63

Do. Long Bridge to top of keel

Draught Moulded

27'5 1/2"

Built at Walker-on-Tyne

Launched 4th February 1943 Yard No. 1724

Builders Swan, Hunter, Wigham Richardson & Co.

Owners British Tanker Co.

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry London

If surveyed while building, afloat, or in dry dock

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	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 3/4 x 54 x 46	
Frame Amidships, Angle, E or F	10 3 1/2 x 40		" " top Angles	3 1/2 3 1/2 x 48 x 44	
" " Extends up to	Upper deck		" " bottom Angles	5 5 x 54 x 50	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	2 x 62 x 46	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	10		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			Bracket abaft 1/2 len. from stem		
" " Second 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side		
" " Third			Bracket from forward 1/2 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	10 3 1/2 x 40		Gussets, spacing and scantling abaft 1/2 len. from stem		
" " in Peaks, Angle or F	8 3 1/2 x 46		Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 - 4 7/8		Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	Yes		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes		Breadth and thickness of Middle Line Strake	60 x 70 x 52	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes		Thickness of remainder in Holds	1.25 under engine	
SINGLE BOTTOM.			Are Rule requirements complied with regard to increases of scantlings in way of double bottom in E. & B. space and framing in Bankers and Boiler Room?	8.52	
Floors, Depth and thickness at mid-line in Holds			BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle, E or F		
Middle Line Keelson, on Floors, Angles, E or F			" " in way of Bridge, Angle, E or F		
" " Through Plate or Inter-costal Plate			Spacing		
" " Foundation Plate on Floors			Second Deck, amidships, Angle, E or F		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Third Deck, amidships, Angle, E or F		
" " thickness of Inter-costal Plate			Spacing		
" " Angles			Fourth Deck, amidships, Angle, E or F		
DOUBLE BOTTOM. Machinery space only			Spacing		
Solid Floors, thickness and spacing	46, 62, 50, 42 every frame		Poop Deck, Angle, E or F	8 3 1/2 x 35	
" " Are Frame and Reversed Frame joggled?	Yes		Spacing	Every frame	
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, E or F	7 3 x 33	
" " breadth and thickness at margin plate			Spacing	Every frame	
			Forecastle Deck, Angle, E or F	9 3 1/2 x 38	
			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.
PILLARS, No. of Rows		✓		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.....		✓	
Wing Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing	3 1/4"	10 3 1/2	403 A ✓	Stringer Plate, breadth and thickness.....		✓	
Plating, thickness of	5/16	40	✓	If Plated, state thickness		✓	
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....		✓	
Stringer Plate, breadth and thickness in Wells	72 x 72		✓	If Plated, state thickness.....		✓	
" " " " in way of Bridge	72 x 88 x 72		✓	Stringer Plate, breadth and thickness.....		✓	
" Angle in Wells	7 7 72		✓	If Plated, state thickness.....		✓	
Thickness of Plating abreast Deck openings in way of Wells	Centre stake 70		✓	Poop Deck.			
Thickness of Plating abreast Deck openings in way of Bridge.....	Shid " 70		✓	Stringer Plate, breadth and thickness.....	48 x 38	✓	
Thickness of Plating within line of openings...	Hatch " 58		✓	Plating, Sheathing, material and thickness ...	30 x 28 bare steel	✓	
If Sheathed, material and thickness.....		✓		Bridge Deck.			
Second Deck.				Stringer Plate, breadth and thickness.....	64 1/2 x 44	✓	
Stringer Plate, breadth and thickness in Wells		✓		Plating, Sheathing, material and thickness ...	32 Composition in Accordance	✓	
				Forecastle Deck.			
				Stringer Plate, breadth and thickness.....	36 x 38	✓	
				Plating, Sheathing, material and thickness...	36 bare steel	✓	

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled ?	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	82	82	.77 inch on inside. Ref.	2R	1	4					
„ Dblg. (if any)													
Bottom Plating, No. of Strakes4.....	B	.65	.76	.67									
	C	.65	.76	.69									
	D	.66	.76	.58		2R	7/8	3 1/2					
	E	.66	.51	.67									
Bilge Plating, No. of Strakes1.....	F	.65	.56	.62		2R	7/8	3 1/2					
	G	.64	.48	.79									
Side Plating, No. of Strakes3.....	H	.64	.48	.48		2R	7/8	3 1/2					
	J	.64	.48	.48									
Upper Deck, Sheer- strake in Wells.....	63	98	48	48									
Upper Deck, Sheer- strake in Bridge ...	63	1.18 x 98											
Strake below Sheer- strake in Wells.....	81 1/2	82	48	48		2R	1	4					
Strake below Sheer- strake in Bridge ...	81 1/2	82		.50 x		2R	1 1/8	4 1/2					
Poop Side Plating.....				.40		1R	7/8	3 1/8					
Bridge Side Plating.....		.44				2R	3/4	3					
Forecastle Side Plating			.44			1R	3/4	3					
Electrically Welded.													

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	Roll'd Bar	10 x 2 3/4		
STERN FRAME {	Propeller Post	Cast	1 1/2 x 8 3/4	Steel Co of Scotland
{	Rudder	Steel	as approved	
Speed of Vessel	not to exceed	12 Knots		
RUDDER—Type	as approved.		Borman Long.	
" A x D	804			
" Diam. of head		13 3/4	The Warrington Steel Co.	
" Mainpiece at top pintle	} as approved			
" " heel				
" how constructed				
" double or single plate	Double			
" coupling, vertical or horizontal	Horizontal			

STEEL.

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

NEWCASTLE-ON-TYNE, No. 101186

Rpt. 1*.

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
		In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam.	Spang.		Number.	Diameter.
Framing of L, L or C		<u>Stringers in oil tanks.</u>						<u>Stringers in oil tanks.</u>					
Frames in Bridge 'tween Decks		<u>Shell.</u>						<u>Longit. Bulkheads.</u>					
Frames from Uppermost Continuous Deck	No. 1	Upper stringer plate 30"x.42"						Upper stringer plate 30"x.42"					
	" 2	" " " face 3" flange.						" " " face 3" flange.					
	" 3	Lower " " 30"x.42"						Lower " " 30"x.42"					
	" 4	" " " face 3" flange.						" " " face 3" flange.					
	" 5												
	" 6												
	" 7	<u>Trans. Bkds. Wing Tanks.</u>						<u>Trans. Bkds. Centre Tanks</u>					
	" 8	Upper stringer plate 26"x.40"						Upper stringer plate 30"x.40"					
	" 9	" " " face 3" flange.						" " " face 4" flange.					
	" 10	Lower " " 31 1/4"x.40"						Lower " " 36"x.40"					
	" 11	" " " face 3" flange.						" " " face 4" flange.					
	" 12												
	" 13												
	" 14												
Bottom Longitudinals	" 15	17"x.4"x.4"x.48"/.68"							7/8"	5/4"	7/8-3/8"	16	7/8"
	" 16	Spaced 31 3/4" wing Tanks; 30" in Centre Tanks.											
Spacing of Longitudinal Frames	Amidships												
	At Ends												
Double Bottoms L, B or C	Tank Top Longitudinals												
	Bottom												
Spacing of Longitudinals	Amidships												
	At Ends												
Transverses.													
Side (in 'tween Decks)	Depth and Thickness	<u>Studs in Wing Tanks at</u>											
	Face Angles	<u>Wing Transverses.</u>											
	Lugs to Shell*	<u>at upper stringer.</u>			<u>at lower stringer.</u>								
Side (in Hold)	Depth and Thickness	Channel 9x3 1/2x3 1/2x.48/.54			Channel 10x3 1/2x3 1/2x.56								
	Face Angles	angle 6x3 1/2x.48"			angle 6x3 1/2x.56"								
	Lugs to Shell*	<u>Wing Tanks</u>			<u>Centre Tanks</u>								
	Depth and Thickness	36"x.44"			54"x.48"								
	Face Angles	3 1/2" 3 1/2" .44" single			10x3 1/2x.66" B.A. double.								
	Lugs to Shell*	6" 6" .44"			6x6x.48"								
Bottom	Lugs to Shell*	(3 1/2" 3 1/2" .48"			see plan								
	" " Back Bars	.44"-5" flange			.48"-5" flange.								
	Brackets	10-5" see plan											
Spacing of Transverse Frames	State if jogged or liners.												
Longitudinal Beams of K, L or B	Bridge Deck	<u>Wing Tanks.</u>			<u>Centre Tanks.</u>			Spacing.	Plate.	Face Angles.	Any Departure from Approved Plans to be Noted.		
	Upper	8 3 1/2 .47 B.A.			8 3 1/2 .44 B.A.			2-7 3/4 wing.	28x.42	6x3x.50			
	Second							2-6 centre					
	Third												

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

lm.237. T.

002222-002228-0192 2/3

Carrington Petroleum Bulk

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.			
42043	1st Bower	77	3	0	✓	✓	✓	57	12	2	0	✓	✓	L.P.H.S. 11/6/42 W.V. Hornman
42044	2nd "	77	0	14	✓	✓	✓	57	8	3	0	✓	✓	L.P.H.S. 12/6/42 W.V. Hornman
	3rd "													
	Collective weight										232.00			
55424	Stream	23	2	7	✓	✓	✓	23	11	3	14	✓	✓	L.P.H.C.H. 30/9/42 W.V. Hornman

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.		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.	Ins.		Fathoms.	Ins.	Fathoms.	Ins.
					Cwts.	qrs. lbs.														
42162	240	2 1/2	112 1/2	157 1/2	748	3	0	✓	940	300	2 3/4	✓	L.P.H.B.C. 17/10/42 R. Butler	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	
Long Stream Chain or Steel Wire	120	4 3/4			64.6					120	4 3/4	6 1/4								

Steering Gear, Type (Power or hand) *Power - Steam Hydraulic by J. Barker & Sons.*Alternative Means of Steering *Blocks & Tackle*Steering Chains (Size and Test) *✓*Windlass *Steam - Emerson Walker* Boats *2-24'x8'x3'-4" 2-24'x8'-1'x3'-5" (motor)*Ceiling in Holds, thickness and material *✓*Cargo Battens, thickness, material and spacing *✓*Cargo Hatchways.-(Upper Deck) *Steel plates and angles*Thickness of Hatches *40 " 60 steel plates to oil cargo tanks & stiffeners 2 for 3 holds*Size of Hatchways No. 1 (Fwd.) *6'-9" x 10'-0" 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 *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 tanks, cofferdams and double bottom tanks have been tested as required by the Rules and found satisfactory. The requirements of Section 20 of the Rules, when 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 (quay side), and found satisfactory.

The assigned fireboards 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 one deep tank and part of the double bottom tank under the machinery space.

The amount of Entry Fee..... £ 11:-- } Fees applied for, 28 APR 1943
 Special Survey Fee..... £ 617 19:3 }
 Travelling Expenses, if any £ 19:-- } Received by me, 19

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

I am of opinion the Vessel should be Classed *+100A1*
"Carrying petroleum in bulk."

State whether the Vessel has been built under Special Survey *yes*

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

Certificate to be sent to *NEWCASTLE-ON-TYNE*Date of issue *21/5/43*

Committee's Minute

TUES. 11 MAY 1943

Character assigned *+100A1**Carrying Petroleum in Bulk**Lloyd A & CP**+LMC 443**Oil Eng**20B 150 lb*

Lloyd's Register Foundation

002222-002228-0192313

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 "BRITISH GRATITUDE" Newcastle-on-Tyne report no 100938.

The approved plans as per attached list and forging reports are forwarded with this report.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of Keel & shell plating; Butts of upper Deck plating; Seams & butts of forecabin, bridge & poop decks; Engine room tank top seams & butts; Seams and butts of tween deck plating in way of forward hold; Seams of upper Deck plating at fore and aft ends only; Butts and seams of oil tight flat forward.

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; Lloyd's R.C.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 WE 45-1-27; Init. J.T.; No. of Cert. 3616; Date 16/12/40.
2nd " " 45-1-5; " J.T.; " 3613; " 9/12/40.
3rd " " 40.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge 44' 5 1/4 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. 168416 Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length (Circ. 1703) 486' 3".

No. and Material of Decks 10th Stl. 2nd 0th 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.
Double bottom, aft,	Feet.	Tons.	Fore peak tank,	Feet.	Tons.
Double bottom, under Engines and Boilers, fwd water	27' 6"	35 F.W.	After peak tank,	18' 0"	8.2
Double bottom, if under Engines only,	32' 6"	115 O.F.	Deep tank, aft, C.D.	3' 6"	190
Double bottom, if under Boilers only,	✓	at 40.8	Deep tank, forward, C.D.	3' 6"	195
Double bottom, forward,	✓		Other tanks, if fitted, Deep tank fwd.	31' 6"	313
Total length (if continuous) and Capacity.	✓		(If necessary furnish further information by sketch.)		

Order for Special Survey No. 5666

Date 14.9.42

Dates of Surveys held while building

1942 May 13 June 15 19 July 21 22 27 Aug 5 7 10 26 Sep 4 9 14 18 22 23 24 28 29 Oct 1 2 6 13 16 23 27 29 30 Nov 4 9 12 16 18 19 24 25 27 Dec 4 7 9 14 17 22 23 24 28 29 30 31 1943 Jan 5 6 7 8 10 11 12 15 18 19 21 22 25 26 27 28 Feb 1 3 4 5 9 10 22 23 25 Mar 4 8 17 22 25 29 Apr 2 3 5 6 7 10 12

Total No. of Visits 91