

STEEL ~~STEAMER~~ ~~OR~~ MOTORSHIP.

Received at London Office 22 JUL 1942

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 14TH JULY 1942

Port of GLASGOW

No. 65770

Survey held at GLASGOW

Date First Survey 28TH MARCH 1941. Last Survey 9TH JULY 1942

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW MOTOR VESSEL "BRITISH MERIT" (MACHINERY AFT)

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

State Type of Erections P.B & F.C.E.

TONNAGE under 7215.04.

CLASS 100A1 State if with freeboard as condition of Class

No

Built at GLASGOW.

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 460

Launched 16TH APRIL 1942 Yard No. 11179.

Total 7215.04

Breadth (greatest moulded)

B 61

Builders HARLAND & WOLFF LTD

Gross Tonnage 8093.05

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

D 33.25

Owners BRITISH TANKERS LTD

Register Tonnage 4754.56

1st Longitudinal Number (L x D) = 15295.0

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

2nd Numeral L x (B + D) = 43355.0

Residence

REGISTERED DIMENSIONS.

FEET.

Length 463.2

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

13.83

Port of Registry LONDON.

Breadth 61.2

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

Depth 33.1

Draught Moulded 26-11/4

BUILDING & AFLOAT.

FRAMES, DOUBLE BOTTOM AND BEAMS.

LONGIT. FRAMING AS PER PAGE 5.	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	3 1/2" APART.	✓	Bracket Floors, Frame	✓
" " IN WAY OF DEEP TANK FW	26"	✓	" " Reversed Frame	✓
" " from length amidships to Collision bulkhead	24"	✓	" " Vertical Struts	✓
" " in peaks		✓	Centre Girder, depth and thickness	60" x 54" - 46"
SIDE FRAMING.			" " top Angles	DOUBLE 5" 5" 50"
Frame Amidships, Angle, E or F	10 3/2 7/16	✓	" " bottom Angles	DOUBLE 5" 5" 50"
" " Extends up to	UPPER DK	✓	Side Girders, No. each side and thickness	1 @ 60", 1 1/2" 46"
Reversed Frame Amidships, Angle	✓	✓	Margin Plate depth (excl. of flange) and thickness	6" 6" 50"
" " Extends up to	✓	✓	" " Vertical Angle to Tank side Bracket	✓
Depth of Framing Girder	10"	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	✓	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓
" " Second 'tween Decks, Angle, E or F	✓	✓	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	✓
" " Third	✓	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	98" x 46"
" " IN DEEP TANK FW	10 3/2 50	✓	INNER BOTTOM PLATING. ENGINE RM	
" " from 1/4 len. fwd. to 15% len. from Stem	8 3/2 7/16	✓	Breadth and thickness of Middle Line Strake	1 1/8" AS PER APPROVED PLAN.
" " in Peaks, Angle, E or F	7/8 @ 4 3/8 APART	✓	Thickness of remainder in Holds	52
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	1" @ 5 1/2"	✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. space and framing in Bunkers and Boiler Room	YES
State if Frame Joggled	YES	✓	BEAMS. LONGIT. BEAMS AS PER PAGE 5.	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	Uppermost Continuous Deck, amidships	9 3 1/2 47
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓	" " FW	7 3 38
SINGLE BOTTOM. DEEP TANK FW.			" " AFT	8 3 1/2 35
Floors, Depth and thickness at mid-line in Holds	48" x 38	✓	Spacing	29, 30 1/4, 30, 27 1/4 x 24
Height of Brackets at side above base line at toe of frame	7-0"	✓	Second Deck, amidships, Angle, E or F	10 3 1/2 50
EA LINE	41, 35 x 33	✓	Spacing	33, 29, 30 1/4, 30, 27 1/4 x 24
Middle Line Keelson, on Floors, Angle, E or F	✓	✓	DEEP TANK FW	8 3 1/2 7/16
" " Through Plate or Intercoastal Plate	✓	✓	Third Deck, amidships, Angle, E or F	8 3 1/2 7/16
" " Foundation Plate on Floors	✓	✓	Spacing	26"
" " Flat Plate Keel Angles	4 4 50	✓	Fourth Deck, amidships, Angle, E or F	✓
Side Keelsons, No. each side	DOUBLE ONE	✓	Spacing	✓
" " thickness of Intercoastal Plate	3 3 38	✓	Poop Deck, Angle, E or F	8 3 1/2 7/16
" " Angles	6 6 44	✓	Spacing	33, 29, 30 1/4, 30, 27 1/4 x 24
DOUBLE BOTTOM. ENGINE ROOM.			Bridge Deck, Angle, E or F	✓
Solid Floors, thickness and spacing	50, 46 x 42	✓	Spacing	✓
" " Are Frame and Reversed Frame joggled?	30 3/4, 30 x 29	✓	Forecastle Deck, Angle, E or F	10 3 1/2 7/16
Bracket Floors, breadth and thickness at middle line	✓	✓	Spacing	8 3 1/2 35
" " breadth and thickness at margin plate	✓	✓		26 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.....	23		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....	W 12' 0" 12' 0" 12' 0"		Thickness of Plating abreast Deck openings in way of Wells A.F.T.	36"	✓
„ „ „ „ „	12' 0" 12' 0" 12' 0"		Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „	12' 0" 12' 0" 12' 0"		Thickness of Plating within line of openings IN PEAKS	34"	✓
FORE & AFT „ „	12' 0" 12' 0" 12' 0"		If Sheathed, material and thickness	✓	
Centre Line Bulkhead. P & S 12' 0" FROM CR	10 3 1/2 7 1/16 BULB ANGLES.		Third Deck. DEEP TANK FW		
Stiffeners and Spacing.....	@ 31 1/2" APART		Stringer Plate, breadth and thickness.....	60" x 40	✓
Plating, thickness of	5 1/8 x 40		If Plated, state thickness.....	36	✓
STRINGERS AND DECKS.			Fourth Deck.	44" CR STRAKE.	✓
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	90" x 78"		If Plated, state thickness	✓	
„ „ „ „ in way of Bridge	90" x 78"		Poop Deck.		
„ Angle in Wells	6 6 5/8		Stringer Plate, breadth and thickness	72" x 37	38" x 37
Thickness of Plating abreast Deck openings in way of Wells	76" - 60 8		Plating, Sheathing, material and thickness	30	✓
Thickness of Plating abreast Deck openings in way of Bridge	76" - 60 8	AS APPROVED.	Bridge Deck.		
Thickness of Plating within line of openings...	✓	AS APPROVED.	Stringer Plate, breadth and thickness.....	80 2" x 37	✓
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness	34	✓
Second Deck. A.F.T.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	76" - 50" x 40		Stringer Plate, breadth and thickness.....	46" x 37	✓
			Plating, Sheathing, material and thickness	36	UN SHEATHED.

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER EDGES. State if jogged? No.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or to cr.	
FLAT PLATE KEEL	53	.97	.77	.77		DOUBLE	1 4	FIVE	1 1/8	5	LAPPED
„ DECK (if any)											
BOTTOM PLATING, No. of Strakes F.O.V.R.70	.50	.55		DOUBLE	7/8 3.5	FOUR	7/8	3.5	LAPPED
BILGE PLATING, No. of Strakes ..O.N.E.....		.65	.50	.54		DOUBLE	7/8 3.5	FOUR	7/8	3.5	"
SIDE PLATING, No. of Strakes T.H.R.E.E.....		.63	.46	.46		DOUBLE	2 @ 7/8 3.5	FOUR	7/8	3.5	"
UPPER DECK, Sheer- strake in Wells.....	72	.94	.46	.46		AT BREAKS. 1 Row 1" 4"		FIVE	1 1/8 x 1	5 8 4 5	"
UPPER DECK, Sheer- strake in Bridge ...		1.12				2 Rows 1" 5"		FIVE	1 1/8	5	"
STRAKE BELOW Sheer- strake in Wells.....	77	.78	.46	.46	72 x 78	DOUBLE	1 3.937	FOUR	1	4	"
STRAKE BELOW Sheer- strake in Bridge ...	77	.78				DOUBLE	1 1/8 4.5	FOUR	1	4	"
POOP SIDE PLATING	(ONE STRAKE)			.40				DOUBLE	3/4	2.625	"
BRIDGE SIDE PLATING	(ONE STRAKE)	.44						"	"	2.625	"
FORECASTLE SIDE PLATING	(2 STRAKES)	.43				SINGLE	3/4 3	SINGLE	"	2.625	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	16
Extending to Upper Deck (Sec. 3 c)	16
„ Deck next below	✓
As per Rule APPROVED	16

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL , Bar	✓	✓		
STEM		10 x 2 3/4	ROLLED STEEL.	
STERN FRAME	Propeller Post	CAST AS PER	W. BEARDMORE	
	Rudder „	STEEL APPROVED PLAN.	& CO LTD	
Speed of Vessel.....	11.5			
RUDDER —Type.....	STREAMLINE	DOUBLE PLATE.		
„ A x D	652.			
„ Diam. of head	FORGING 13" DIA.		W. BEARDMORE	
„ Mainpiece at top pintle	CAST 10 x 13		& CO LTD	
„ „ heel	STEEL			
„ how constructed	CAST STEEL FRAME & ARMS.			
„ double or single plate	DOUBLE 50			
„ coupling, vertical or horizontal	VERTICAL			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD. CENTRE TANK	54-41	10 x 3 1/2 x 7 1/16	36	1 PLATE 32 x 40 WITH 12 x 3 1/2 x 45 B.A. FACE BAR	
„ „		8 A.S.		1 PLATE 32 x 40 WITH 9 x 3 1/2 x 16 B.A. FACE BAR	
„ „ WING TANK	54-41	10 x 3 1/2 x 7 1/16	36	1 PLATE 28 x 40 WITH 6 x 3 1/2 x 12 ANGLE FACE BAR	
„ „		8 A.S.		1 PLATE 28 x 40 WITH 6 x 3 1/2 x 12 ANGLE FACE BAR	
„ „ Holds				1 PLATE 28 x 40 WITH 6 x 3 1/2 x 12 ANGLE FACE BAR	
COLLISION „ (in Hold)	53-26	8 x 3 1/2 x 7 1/16	24	DEEP TANK TOP & 2 SEMI BOX BEAMS & DK.	
AFTER PEAK „ „	50-312	8 x 3 1/2 x 7 1/16	24	1 STRINGER & 1 BOILER PLAT.	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	COLVILLES LTD
	THE LANARKSHIRE STEEL CO LTD, (OPEN HEARTH PROCESS)	
	Has the Steel been tested as required by the Rules? YES.	

5 M.V. "BRITISH MERIT" GLASGOW REPORT No. 65770
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. Inches.	Rivets in Brackets to Bulkheads.			
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam. Ins.	Speng. Ins.		Number.	Diameter. Inches.		
Framing of \angle , L or C															
Frames in Bridge 'tween Decks ...		2@7	3	3/8	TRANSVERSE FRAMING IN POOP & FOLE ✓					3/4	4 1/2	4 1/2	7	7/8	
Frames from Uppermost Continuous Deck CENTRE GIRDER No. 1		17x.60x4x4x.68			17x.60x4x4x.68				7/8	5 1/4	11@3 1/8	16x18	7/8		
" 2		"	"	"	"	"	"		"	"	"	"	"		
" 3		"	"	"	"	"	"		"	"	"	"	"		
" 4		LONGITUDINAL BULKHEAD. ✓													
" 5		17x.60x4x4x.68			17x.60x4x4x.68				7/8	5 1/4	11@3 1/8	16x18	7/8		
" 6		"	"	"	"	"	"		"	"	"	"	"		
" 7		12	3 1/2	9/16	12	3 1/2	9/16		"	"	"	18	7/8		
" 8															
" 9															
" 10															
" 11															
" 12															
" 13															
" 14															
" 15															
" 16															
Spacing of Longitudinal Frames		Amidships 36"			At Ends 36"										
Double Bottoms L, C or C		Tank Top Longitudinals													
		Bottom													
Spacing of Longitudinals		Amidships													
		At Ends...													
Transverses.															
Side (in 'tween Decks) BRIDGE.			15	38											
		3	3	3/8											
		3 1/2	3 1/2	3/8					3/4	3 3/4					
BOTTOM SIDE (in Hold) WING TANKS.			37	44		37	44								
		8	3 1/2	7/16	8	3 1/2	7/16		7/8	3 1/2-4					
		6	6	50	6	6	50								
			40 1/2	44		40 1/2	44								
		6	6	5/8	6	6	5/8		7/8	4-4 3/8					
		6	6	50	6	6	50		7/8	4 3/8					
Bottom CENTRE TANK.		3 1/2	3 1/2	7/16	3 1/2	3 1/2	7/16								
				44			44								
Spacing of Transverse Frames		10'-6" APART.			10'-6" APART.										
State if joggled or liners.															
Longitudinal Beams of L, C & C															
		5	3	3/8					36"						
		9	3 1/2	7/16	9	3 1/2	7/16		36"						
		8 CR GIRDER 60x40 FLANGED			8 CR GIRDER 60x40 FLANGED										
		7" ON LOWER EDGE.			7" ON LOWER EDGE.										
		Transverse Beams													
		12x7/16x4x4x.60 @ 10'-6" APART.													
		28x.42 8x3 1/2 7/16 IN CENTRE													
		8 WING TANKS SPACED 10'-6" APART.													

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.

EQUIPMENT No 45231.81 ✓										LETTER CT ✓		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.	Cwts.			
41600	1st Bower ...	73	3	14				55	15	0	0	73-1-0	BYERS STOCKLESS ✓	—	SUNDERLAND 27/1/42 W. NORMAN
41599	2nd „ ...	73	0	14				55	10	0	0	73-1-0	" "	—	" 26/1/42 " "
	3rd „ ...											73-0-0			
	Collective weight.	147	0	0								219-2-0			
54559	Stream	22	0	16	5	2	24	22	9	1	14	22-0-0	ORDINARY ✓	—	CRADLEY HEATH 25/11/41 S. 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.		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.
116842	120	2 7/16	106 1/2	149 5/8	358-1-7	} 712-0-23 FOR 240 FTHS.	300	2 7/16	STUD LINK	HINGLEY & SONS	NETHERTON 13/4/42	TOWLINE...	130	5 1/4	77.5	130	5 1/4
116910	120	2 7/16	106 1/2	149 5/8	358-1-14					"	"		" 24/11/5/42	HAWSERS & WARPS	2@100	2 3/4	15.2
116910	2 SPARE JOINING SHACKLES				2-1-12								2@100	2 3/4	15.2	2@100	2 3/4
	60 Cir.																
Stream Cable Steel Wire	120	4 3/4	(6) 24	64.6			120	5	5.5 W. (12)	BRITISH ROPES LTD							

Steering Gear, Type (Power or hand) STEAM HYDRAULIC BY J. HASTIE & CO Alternative Means of Steering BLOCKS & TACKLE.

Steering Chains (Size and Test) NONE Windlass STEAM BY EMERSON WALKER Boats 1@ 24 1/2 x 7.7 x 3.37
1@ 24 0 x 7.55 x 3.31
1@ 23.9 x 7.5 x 3.25
1@ 24.0 x 7.55 x 3.2

Ceiling in Holds, thickness and material NONE Cargo Battens, thickness, material and spacing NONE

Cargo Hatchways.—(Upper Deck) STEEL PLATES & ANGLES. Thickness of Hatches STEEL COVERS .60 AT CARGO OIL HATCHES.

Size of Hatchways No. 1 (Fwd.) 8'8" x 10'0" No. 27 CARGO OIL No. 3 No. 4 — No. 5 — No. 6 —
FORE HOLD. HATCHES 4'6" x 3'6"

Number of Shifting Beams and/or Fore and Afters NONE.

Builder's Signature For HARLAND AND WOLFF, LIMITED
R. J. Neill
 Govan 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 MOTORSHIP.
 (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo 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 BUILT IN ACCORDANCE WITH THE APPROVED PLANS, THE SECRETARY'S LETTERS OF VARIOUS DATES & IN GENERAL CONFORMITY WITH THE SOCIETY'S RULES FOR THE CLASS CONTEMPLATED.

THE WORKMANSHIP & MATERIALS ARE GOOD.

CARGO OIL TANKS, OIL FUEL BUNKERS, FW & AFTER COFFERDAMS, DEEP TANK FWD, FORE & AFTER PK TANKS, F.W. TANKS AFT, DOUBLE BOTTOM TANKS & COFFERDAMS, BULKHEADS & DECK HAVE BEEN TESTED TO RULE REQUIREMENTS & FOUND SATISFACTORY, BILGE SUCTIONS TRIED & FOUND SATISFACTORY.

FREEBOARD VERIFIED & MARKS CUT IN ON VESSEL'S SIDES.

THE STEERING GEAR & WINDLASS TRIED UNDER WORKING CONDITIONS & FOUND SATISFACTORY

OIL FUEL F.P. ABOVE 150°F IS CARRIED IN OIL BUNKERS AFT, DEEP TANK FW & DOUBLE BOTTOM IN MACHINERY SPACE, SECTION 20 OF THE RULES HAS BEEN COMPLIED WITH.

EQUIPMENT:— ANCHORS & CABLES FITTED IN ACCORDANCE WITH WAR EMERGENCY REQUIREMENTS (ONE BOWER ANCHOR & 60 FTH OF CABLE TO BE SUPPLIED TO COMPLETE THE EQUIPMENT IN ACCORDANCE WITH RULE REQUIREMENTS).

The amount of Entry Fee £ 11 : 0 : 0 Fees applied for, 21 JUL 1942
 Special Survey Fee.... £ 603 : 9 : 9 Received by me, _____
FREEBOARD. Travelling Expenses, if any £ 19 : 0 : 0 _____

I am of opinion the Vessel should be Classed 100A1
"LONGITUDINAL FRAMING AT BOTTOM & AT DECK"
CARRYING PETROLEUM IN BULK
 Signature H. J. Pyle
 Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey YES.

Certificate to be sent to GLASGOW OFFICE. Date of issue 19/8/42

Committee's Minute GLASGOW 21 JUL 1942

Character assigned 1-100A1

Lloyds at CR Carrying Petroleum in Bulk
Longitudinal Framing at Bottom & at Deck
1-100A1 7.42
2 DB 150 lb.

Note: E.gpt.

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This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor creases and discoloration, characteristic of old paper. The left edge of the page shows the binding of the book.

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Total No. of Visits 700