

RECEIVED

30 MAR 1950

IN D.O.

STEEL ~~STEAMER~~ MOTORSHIP.

Received at London Office 23 MAR 1950

RETAIN

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 1st MARCH 1950 Port of GREENOCK

No. 24042

Survey held at PORT GLASGOW Date First Survey 1st FEBRUARY 1949 Last Survey 27th FEBRUARY 1950

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW TANKER "BRITISH PATRIOT" MCHY AFT.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections POOP, BRIDGE, F.C.L.

TONNAGE under Tonnage Deck 7526.41

CLASS 100 A.1

State if with freeboard as condition of Class No

Built at PORT 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 463

Launched OCTOBER 27th 1949 Yard No. 1042

Total

Breadth (greatest moulded) B 61.5

Builders LITHGOW'S LIMITED

Gross Tonnage 8661.19

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

Owners BRITISH TANKERS LTD

Register Tonnage 4975.19

1st Longitudinal Number (L x D) 15742

Managers

(Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS.

FEET

Length 471.1

Breadth 61.8

Depth 33.8

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.62

Do. Long Bridge to top of keel

Draught Moulded 27'-4 3/4

Residence LONDON

Port of Registry LONDON

If surveyed while building, afloat, or in dry dock

BUILDING Afloat.

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	30	✓	Bracket Floors, Frame		
" " from length amidships to	30	✓	" " Reversed Frame		
" " Collision bulkhead	27	✓	" " Vertical Struts		
" " in peaks	24	✓	Centre Girder, depth and thickness amidships	60 x 54	✓
SIDE FRAMING.			" " top Angles	WELDED	✓
Frame Amidships, Angle, E or C	10 3 1/2 40	✓	" " bottom Angles	4 4 50	✓
" " Extends up to	UPPER DK WITH 2 SIDE STRINGERS	✓	Side Girders, No. each side and thickness	2 @ 60	✓
Reversed Frame Amidships, Angle	Stringers 24 x 50 with 3" FLANGE	✓	TANK TOP LEVEL		
SIDE FRAMING IN ENGINE SPACE	BA 10 3 1/2 40	✓	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	10"	✓	" " Vertical Angle to Tank side		
Frames in Uppermost Continuous Decks, Angle, E or C	8 3 1/2 38	✓	" " Bracket abaft 1/2 len. from stem		
" " Second 'tween Decks, Angle, E or C			" " Vertical Angle to Tank side		
" " For CARGO HOLD	BA 8 3 1/2 47	✓	" " Bracket from forward 1/2 len. from stem to Panting Area		
" " from 1/2 len. forward to 15% len. from stem	BA 11 3 1/2 50	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " DEEP TANK	BA 8 3 1/2 47	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
" " in Peaks, Angle, E or C			Tank Side Brackets, height above base line at toe of Frame and thickness	8' 1" x 46	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 SPACED 6 1/2 DIAS	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	YES	✓	Breadth and thickness of Middle Line Steel	62	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	IN ENGINE SPACE	1.25 UNDER ENGINE SEAT	✓
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	54	✓
SINGLE BOTTOM.			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?	MOTOR VESSEL	✓
Floors, Depth and thickness at mid-line in Holds	LONGITUDINAL FRAMING	✓	BEAMS.		
Height of Brackets at side above base line at toe of frame	ON BOTTOM IN WAY OF	✓	Uppermost Continuous Deck, amidships in	LONGITUDINAL	✓
Middle Line Keelson, on Floors, Angles, E or C	CARGO TANKS	✓	IN WAY OF OIL TANKS, Angle, E or C		
" " Through Plate or Intercoastal Plate			" " in way of Engine Space	8 3 1/2 36	✓
" " Foundation Plate on Floors			IN WAY OF CARGO HOLD	8 3 42	✓
" " Flat Plate Keel Angles			Spacing	EVERY FRAME	✓
Side Keelsons, No. each side			IN WAY OF ENGINE SPACE	8 3 35	✓
" " thickness of Intercoastal Plate			Second Deck, amidships, Angle, E or C		
" " Angle			Spacing	EVERY FRAME	✓
DOUBLE BOTTOM. IN ENGINE SPACE			SECOND INWAY OF FOR HOLD		
Solid Floors, thickness and spacing	464 50 ON EVERY FRAME	✓	Third Deck, amidships, Angle, E or C	8 3 38	✓
" " Are Frame and Reversed Frame joggled?	YES	✓	Spacing	EVERY FRAME	✓
Bracket Floors, breadth and thickness at middle line			Fourth Deck, amidships, Angle, E or C		
" " breadth and thickness at margin plate			Spacing		

PILLARS AND DECKS.

PILLARS, No. of Rows	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings in way of Wells	34			
Thickness of Plating abreast Deck openings in way of Bridge				
Thickness of Plating within line of openings				
If Sheathed, material and thickness				
Second Deck. Stringer Plate, breadth and thickness	40			
If Plated, state thickness	36			
Fourth Deck. Stringer Plate, breadth and thickness				
If Plated, state thickness				
Poop Deck. Stringer Plate, breadth and thickness	34			
Plating, Sheathing, material and thickness	30" x 26" EXPOSED ON SHEATHED WITH 2 1/2" WOOD			
Bridge Deck. Stringer Plate, breadth and thickness	72 x 40			
Plating, Sheathing, material and thickness	30" SHEATHED WHERE EXPOSED.			
Forecastle Deck. Stringer Plate, breadth and thickness	38			
Plating, Sheathing, material and thickness	36 NOT SHEATHED			

SCANTLINGS.				RIVETING.			
AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.			
STRAKES.	AMIDSHIPS.	FORWARD.	AFT.	EDGES.	BUTTS.		
Breadth. Thickness.	Thickness.	Thickness.	Thickness.	State if jogged?	No.	No. of Rows of Rivets.	Strapped or Lapped.
Flat Plate Keel	53	99	77	DOUBLE	1	3/8	
Bottom Plating, No. of Strakes	65	51	51		7/8	3 1/2	
Bilge Plating, No. of Strakes	65	51	51		7/8	3 1/2	ALL
Side Plating, No. of Strakes	63	48	48		7/8	3 1/2	
Upper Deck, Sheer-strake in Wells	67 1/2	98	48		1"	3 3/4	
Upper Deck, Sheer-strake in Bridge	81	82	48		1"	3 3/4	BUTTS
Strake below Sheer-strake in Wells							
Strake below Sheer-strake in Bridge							
Poop Side Plating							
Bridge Side Plating							
Forecastle Side Plating							

WATERTIGHT BULKHEADS.				FORGINGS AND CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel— SEVENTEEN				Casting or Forging.			
Extending to Upper Deck (Sec. 3 c) SEVENTEEN				Scantlings.			
Deck next below NONE				Maker's Name.			
As per Rule AS APPROVED				Any Departure from Approved Plans to be Noted.			
STIFFENERS.				KEEL, Bar			
VERTICAL.				HORIZONTAL.			
Plating Thickness.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.
MIDSHIP BULKHEAD, Upper 'tween decks							
" " Second							
" " Third							
" " Holds							
COLLISION (in Hold)							
AFTER PEAK							
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) COLVILLE, STEEL CO OF SCOTLAND, LANARKSHIRE.				Speed of Vessel 11 1/2 KNOTS			
Has the Steel been tested as required by the Rules? YES				RUDDER—Type DOUBLE PLATE (SIMPLEX) BALANCED			

EQUIPMENT No. 46322 LETTER 47 ANCHORS.

Number of Certificate.	Anchor.	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.				
53690	1st Bower	82	0 0	Stockless			59 10 0	0 ✓	8 1/4 ✓	BYERS IMPROVED	PERM. BYERS CO	5 1/4/49. YOGAN ✓
53658	2nd "	81	2 14	"			59 10 0	0 ✓	8 1/4 ✓	- Do -	- Do -	5 23/4/49. STONE ✓
52860	3rd "	70	0 7	"			54 0 0	0 ✓	6 9/2 ✓	- Do -	- Do -	5 16/4/48. HIBBS ✓
	Collective weight	233	2 21						232 ✓			
		28	2 7	"			28 10 2	14 ✓	29 1/2 ✓	- Do -	- Do -	5 21/4/49 STONE ✓

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.	ENDS.	Any Departure from Approved Plans to be Noted.	Rivets in Longitudinal Frames.	Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.
In Ship.	In Ship.	In Ship.		Diam.	Speng.	Number.
ing of L, L, C						
es in Bridge 'tween Decks						
es from Uppermost Continuous Deck CENTRE LINE.	No. 1	17 x 4 x 4 x 48/68	17 x 4 x 4 x 48/68			
" 2	Do	Do	LONGITUDINALS WELDED	7/8	5/4	3/8 FOR 11 RIVS
" 3	Do	Do	AT ENDS IN VIEW OF BACK BARS			
" 4	Do	Do				
" 5	Do	Do				
" 6	Do	Do	LONGITUDINAL BULKHEAD			
" 7	17 x 4 x 4 x 48/68	TRANSVERSE FRAMING		7/8	5/4	3/8 FOR 11 RIVS
" 8	Do	IN END WING				
" 9	Do	TANKS				
" 10						
" 11	54 x 42	INTERCOSTAL BETWEEN TRANSVERSE				
" 12	3 1/2	3 1/2	50 DBLE			
" 13	4	4	50 DBLE			
" 14	6	6	48 DBLE			
" 15						
" 16						
Spacing of longitudinal Frames	Amidships	CENTRE TANKS 30	WING TANKS 3 1/2			
	At Ends	30	TRANSVERSE			
Tank Top Longitudinals		DOUBLE BOTTOM IN ENGINE ROOM ONLY				
Bottom		TRANSVERSE FRAMING				
Amidships						
At ends						
Transverses.						
Depth and Thickness						
Face Angles						
Lugs to Shell						
Depth and Thickness		54 x 48				
Face Angles		9 x 3 1/2 x 60 DBLE BIA				
Lugs to Shell		6 6 48				
Depth and Thickness		36 x 44				
Face Angles		3 1/2 3 1/2 44 SINGLE				
Lugs to Shell		6 6 44				
Back Bars		3 1/2 x 3 1/2 x 48 BACK BARS AT ENDS OF CR TANK TRANSVERSES ONLY				
Brackets		4 x 6 1/2 x 44 WEBS AT ENDS OF WING TANK TRANSVERSES				
Spacing of Transverse Frames		10' 0"				
Bridge Deck		TRANSVERSE FRAMING				
Upper		CR TANK 8 x 3 1/2 x 42				
Second		WING 8 x 3 1/2 x 45				
Third		TRANSVERSE FRAMING				

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., 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, &c., on the first page.

EQUIPMENT No. 46322													LETTER dt ✓			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.						
53690	1st Bower ...	82	0	0	STOCKLESS			59	10	0	0	✓	8 1/4 ✓	BYERS IMPROVED	PERW. L. BYERS & CO.	S 1/4 49. YOGAN. ✓		
53658	2nd „ ...	81	2	14	—			59	10	0	0	✓	8 1/4 ✓	- Do -	- Do -	S 23/5 49. STONE ✓		
52860	3rd „ ...	70	0	7	—			54	0	0	0	✓	69 1/2 ✓	- Do -	- Do -	S 10 9/48. I-1885 ✓		
	Collective weight	233	2	21 ✓									232 ✓					
53493	Stream ...	29	3	7 ✓	—			28	10	2	14	✓	29 1/2 ✓	- Do -	- Do -	S 2 1/4 49. STONE ✓		

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.	Tons.	Fathoms.
12320	300	2 1/2	112 1/2	157 1/2	956.1.14.	940	300	2 1/2	STUD LINK	NAT. STATED	N 30 5/49 NORMAN	TOWLINE	130	5 1/2	844	130	5 1/2		
													HAWSERS & WARPS	2@100	3	25.7	2@100	2 3/4	
														3@100	3 1/2	35.2	3@100	2 3/4	
Stream } Cable of Steel Wire }	120	4 3/4					120	4 3/4											

Steering Gear, Type (Power or hand)	STEAM. HYDRAULIC BY HASTIE GREENOCK.	2 RAM.	Alternative Means of Steering	BLOCK & TACKLE LED TO CAPTAIN.
Steering Chains (Size and Test)	TELE MOTOR CONTROL.		Windlass	SEAM BY EMERSON WALKER
Ceiling in Holds, thickness and material	NONE		Cargo Battens, thickness, material and spacing	NOT FITTED.
Cargo Hatchways.-(Upper Deck)	(FORWARD) STEEL COAMING 30" HIGH.		Thickness of Hatches	STEEL HINGED COVERS.
Hatchways No. 1 (Fwd.)	6'-9" x 10'-0" No. 270 LIGHT	No. 2 HATCHES	No. 4'-0" DIA	No. 6 1/2" COAMINGS
of Shifting Beams	To HATCH IN FWD HOLD - ONE STEEL FORE & AFT 12" WIDE.			
Fore and Afters				
	FOR LITHGOWS LIMITED.			
	Builder's Signature R. T. Stephenson			

AL 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. **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).

is vessel has been built in conformity with the Society's Rules & Regulations and the Secretary's. The scantlings & arrangements are in accordance with or equivalent to those shown on the moved plans. The materials & workmanship are of good quality. All the double bottom tanks, peak tank, after peak tank, oil cargo tanks, oil fuel bunkers, forward deep tanks & berdmans have been tested to rule requirements & found satisfactory. The weather deck & decklight bulkheads have been hose tested in accordance with rule requirements & found satisfactory. The freeboard has been verified & the markings cut in on the vessels sides. ✓

ering arrangements, windlass, hand pumps etc ✓ tested & tried under working conditions ✓

fuel, F.P above 150°F is carried in the cross bunker, forward deep tank, and in double bottom forward end of motor space. The requirements of Sec 20 of the rules for steel ships. applicable, have been complied with. ✓

The amount of Entry Fee..... £	:	:	Fees applied for,
			17 th MARCH 1950
Special Survey Fee..... £1232.0.0			Received by me,
FREEBOARD. 34.0.0			19
Travelling Expenses, if any..... £	:	:	
State whether the Vessel has been built under Special Survey	YES		
IN DUPLICATE			
Certificate to be sent to	GREENOCK OFFICE		Date of issue 15/5/50
Committee's Minute	GLASGOW 22 MAR 1950 JTC.		
Character assigned	+100A1		
	Carrying petroleum in bulk		
	+LMC 2.50		
	Oil Eng		
	2DB - 150 lb.		
	Lloyd's A.C.P.		

The Surveyors are requested not to write on or below the Committee's Minutes.

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.)

Plans of midships section, profile & deck plan as built, approved plans & forging reports are forwarded as per attached list & should be returned for dealing with sister vessel
This vessel is of similar dimensions & form to the British Advocate Mems Lthgous No 1033
Greenock first entry report No 23722.
An interim certificate has been issued & copy is enclosed.

PARTICULARS OF ELECTRIC WELDING (if employed) All butts of shell & decks, longitudinal & transverse bulkheads welded complete. engine seating, boss plate, pad fore & aft gangway, side stringers & stringers on bulkheads.

Note: - The bottom shell & longitudinal and the upper dk plating & longitudinal were fabricated by hydraulic riveting & the butts welded.

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

LONGITUDINAL FRAMING AT BOTTOM & AT DECK: LLOYDS ANCP: E.S.D.: D.F.: GYC.C:

RADAR CRUISER STERN: MOHY AFT: CARRYING PETROLEUM IN BULK.

OIL ENGINE. "pt Elec. welded" "pt Cem"

RADAR Equipment (State if fitted) YES

State Type or Pattern No. RMS. I.B. SERIAL NO R.137

State } Maker. BRITISH THOMPSON HOWSON.
Name } and/or
of } Supplier.

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

1st Bower 50.2.0: J.H.T.: 10302: 29/10/48. ✓

2nd " 51.0.21: A.E.G.: 776: 18/1/49. ✓

3rd " 45.0.7: A.E.G.: 166: 30/3/48. ✓

STREAM 19.0.21: J.H.T.: 10334: 10/11/48. ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 98 ft., R.Q.D. ft., Bridge 51 ft., Forecastle 45.5 ft.

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

Official No. 183, 195.

Signal Letters

Extreme Breadth over Belting

Over-all Length 490

No. and Material of Decks 1DK. 2ND DK CLEAR OF OIL TANKS. ✓

Parts of Bottom of Vessel coated with cement or approved composition CEMENT FILLETS IN OIL TANKS & OIL FUEL DOUBLE BOTTOM TANKS. ✓

CEMENT IN FEED TANKS, PEAKS, PUMP ROOM & DOUBLE BOTTOM COFFERDAM ✓

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.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		130 ✓
Double bottom, under Engines and Boilers,			After peak tank,		82 ✓
Double bottom, if under Engines only,	67.6 ✓	80 ✓	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	31.5 ✓	418 ✓
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3583

Date 2ND JUNE 1949

Dates of Surveys held while building

(1949) FEB. 4. 8. 14. 18. 23. 25. MAR. 8. 11. 17. 21. 24. 29. APRIL 4. 19. 24. 29. 31. MAY 3. 6. 11. 13. 19. 23. 25. JUNE 3. 9. 17. 22. 23. 28. 29. 30. JULY 19. 21. 24. AUG. 3. 8. 19. 22. SEPT. 4. 9. 13. 15. 22. 26. 29. 30. OCT. 3. 4. 5. 7. 10. 11. 12. 13. 14. 16. 17. 18. 19. 20. 21. 23. 24. 25. 26. 27. 28. NOV. 1. 3. 15. 23. DEC. 1. 5. 8. 12. 19. (1950) JAN. 10. 11. 19. 23. 24. 26. FEB. 1. 3. 4. 8. 13. 20. 21. 23. 24.

Total No. of Visits 92