

## STEEL STEAMER or MOTORSHIP.

Received at London Office JAN 18 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 Jan. 16<sup>th</sup> 1939.Port of Sunderland.No. 32560Survey held at SunderlandDate First Survey 1<sup>st</sup> February 1938Last Survey 14<sup>th</sup> January 1939.

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

Single Screw "British Genius" Machinery Aft.

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

Full ScantlingState Type of Erections Roof, Per. & 4' cle.TONNAGE under Tonnage Deck... 7467.56.

CLASS + IDDAI

"Carrying Petroleum in Bulk"

State if with freeboard (as condition of Class)

NoBuilt at Sunderland

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 Nov 8<sup>th</sup> 1938 Yard No. 644.

Total

Breadth (greatest moulded)

B 61' 9"Builders Messrs W. D. & Sons Ltd.

Gross Tonnage

8,553.11.

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

4,960.671st Longitudinal Number (L x D) = 15,802.

Managers

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

2nd Numeral L x (B + D) = 44,467.

Residence

REGISTERED DIMENSIONS.

FEET.

Length

466.90.

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

13.63.Port of Registry London

Breadth

62.00.

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

13.63.

If surveyed while building, afloat, or in dry dock

Depth

33.70.

Draught Moulded

26' 4 3/4"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	26 1/2	✓	" " Reversed Frame	✓	
" " in peaks	24	✓	" " Vertical Struts	✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	54" x 42	✓
Frame Amidships, Angle, <u>E</u> or <u>[</u> <u>N.B.S.</u>	10 3 1/2 40	✓	" " top Angles	3 1/2 3 1/2 50.	✓
" " Extends up to	Upper D <sup>5</sup>	✓	" " bottom Angles	4 4 50.	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	Two 62 x 42	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	Straight Tanks	✓
Depth of Framing Girder	10"	✓	" Horizontal Angle to Tank side	6 6 50	✓
Frames in Uppermost Continuous 'tween Decks, Angle, <u>[</u> or <u>[</u>	✓		" Bracket abaft 1/2 len. from stem	✓	
" " Second 'tween Decks, Angle, <u>[</u> or <u>[</u>	✓		" Vertical Angle to Tank side	✓	
" " Third " " "	10 3 1/2 44	✓	" Bracket from forward 1/2 len. from stem to Panting Area	✓	
" " from 1/2 len. for'd. to 15% len. from Stem	11 3 1/2 42	✓	" Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " in Peaks, Angle or <u>[</u> <u>N.B.S.</u>	8 3 1/2 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 3/4	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	8' 6" x 46	✓
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	63" 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	1.254.52	✓
DOUBLE 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?	Yes.	✓
Floors, Depth and thickness at mid-line in Holds	Longitudinal Framing	✓	BEAMS.		
Height of Brackets at side above base line at toe of frame	✓		Uppermost Continuous Deck, amidships in Wells, Angle, <u>[</u> or <u>[</u>	Longitudinal Framing	✓
Middle Line Keelson, on Floors, Angles, <u>[</u> or <u>[</u>	✓		" " in way of Bridge, Angle, <u>[</u> or <u>[</u>	✓	
" " Through Plate or Intercoastal Plate	54" x 42.	✓	Spacing	✓	
" " Top Angles	3 1/2 3 1/2 50	✓	Second Deck, amidships, Angle, <u>[</u> or <u>[</u>	✓	
" " Foundation Plate on Floors	4 4 50	✓	Spacing	✓	
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, <u>[</u> or <u>[</u>	✓	
Side Keelsons, No. each side	✓		Spacing	✓	
" " thickness of Intercoastal Plate	✓		Fourth Deck, amidships, Angle, <u>[</u> or <u>[</u>	✓	
" " Angles	✓		Spacing	✓	
DOUBLE BOTTOM in Machinery Space			Poop Deck, Angle, <u>E</u> or <u>[</u> <u>N.B.S.</u>	9 3 1/2 38.	✓
Solid Floors, thickness and spacing	620.42 Every	✓	Spacing	Every	✓
" " Are Frame and Reversed Frame joggled?	Yes	✓	Bridge Deck, Angle, <u>E</u> or <u>[</u> <u>N.B.S.</u>	10 3 1/2 40.	✓
Bracket Floors, breadth and thickness at middle line	✓		Spacing	Every	✓
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, <u>E</u> or <u>[</u> <u>N.B.S.</u>	8 3 44.	✓
			Spacing	Every	✓



## 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>	Two		✓	Stringer Plate, breadth and thickness in way of Bridge .....			
"    in 'tween Decks, Size and Spacing.....	26 steel bulkheads		✓	Thickness of Plating abreast Deck openings in way of Wells .....			
"    "    "    "    "    "	with 14 x 3 x 3/8" plates every 2 1/2" apart		✓	Thickness of Plating abreast Deck openings in way of Bridge .....			
"    in Holds	Two long bulkheads		✓	Thickness of Plating within line of openings.....			
Two "Long" Bulkheads, Stiffeners and Spacing.....	10 x 3 1/2 x 48 B.Q. 17 1/2" S. Evers		✓	If Sheathed, material and thickness .....			
Plating, thickness of .....	24" x 40" web 10" 5" apart		✓	<b>Third Deck.</b>			
	Stringers 30" x 40"		✓	Stringer Plate, breadth and thickness.....			
	51 x 42		✓	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	72" x 82		✓	If Plated, state thickness .....			
"    "    "    "    in way of Bridge	72" x 82		✓	<b>Poop Deck.</b>			
"    Angle in Wells .....	77 72		✓	Stringer Plate, breadth and thickness .....	72" x 38		✓
Thickness of Plating abreast Deck openings in way of Wells .....	82, 72, 58		✓	Plating, Sheathing, material and thickness .....	26. 2 1/2" Teak		✓
Thickness of Plating abreast Deck openings in way of Bridge .....	72, 58		✓	<b>Bridge Deck.</b>			
Thickness of Plating within line of openings...	72		✓	Stringer Plate, breadth and thickness.....	72" x 40		✓
If Sheathed, material and thickness .....			✓	Plating, Sheathing, material and thickness .....	28. 2 1/2" Teak		✓
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells...			✓	Stringer Plate, breadth and thickness.....	36		✓
				Plating, Sheathing, material and thickness .....	30. 2 1/2" Teak		✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>no.</i>		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.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.	
FLAT PLATE KEEL .....	53	99	77	77		Double	1 1/8 4	✓ 5	1 1/8	5	Snap
"    DBLG. (if any)		✓					✓				
BOTTOM PLATING, No. of Strakes .....	4	66 x 65	51	51		Double	7/8 3 1/2	✓ 4	7/8	3 1/2	"
BILGE PLATING, No. of Strakes .....	1	66	51	51		Double	7/8 3 1/2	✓ 4	7/8	3 1/2	"
SIDE PLATING, No. of Strakes .....	3	64	53	48		Double	7/8 3 1/2	✓ 4	7/8	3 1/2	"
UPPER DECK, Sheer-strake in Wells.....	63	108	60	48	10 Gunners extra	Double	1 4	✓ 6	1 1/8	4 1/2	"
UPPER DECK, Sheer-strake in Bridge ...	63	108			" " "	Double	1 4	✓ 6	1 1/8	4 1/2	"
STRAKE BELOW Sheer-strake in Wells.....	81	82				Double	1 4	✓ 4	1	4	✓ "
STRAKE BELOW Sheer-strake in Bridge ...	81	82				Double	1 4	✓ 4	1	4	✓ "
POOP SIDE PLATING .....		40				Single	7/8 3 1/8	✓ 3 + 2	3/4	2 5/8	✓ "
BRIDGE SIDE PLATING ...		50 x 42				Single	7/8 3 1/8	✓ 3	3/4	2 5/8	✓ "
FORECASTLE SIDE PLATING		42				Single	7/8 3 1/8	✓ 2	3/4	2 5/8	✓ "

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					FORGINGS and CASTINGS.							
Extending to Upper Deck (Sec. 3 c)					16	12 BH in R.B.			Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
" Deck next below												
As per Rule					7							
	Plating Thickness.	STIFFENERS.				KEEL, Bar .....	STEM .....	STERN FRAME { Propeller Post .....				
		VERTICAL.	HORIZONTAL.		Rudder " .....							
		Scantlings.	Spacing.	Scantlings.		Spacing.						
MIDSHIP BULKHEAD, Upper tween decks	✓											
" " Second "	✓											
" " Third "	✓											
" " Holds .....	✓	51, 42	10 x 3½ x 48	30 x 3¼	36" x 40	26" x 40	2 mks					
COLLISION	(in Hold) .....	54, 46	10 x 3½ x 40	24"	24" x 36 +	0.7 Teak						
AFTER PEAK	" .....	75, 30	7 x 3 x 44	24"	24" x 36 +	5 x 3 x 38	Two Teaks					
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					Green-Hearth							
Steel.					Shamrock Ironworks, Colville's Dorman Long, Cargo Fleet, Consett							
Has the Steel been tested as required by the Rules?					Yes.							

KEEL, Bar .....	✓
STEM .....	✓
STERN FRAME { Propeller Post .....	✓
{ Rudder " .....	✓
Speed of Vessel .....	✓
RUDDER—Type .....	✓
" A x D .....	✓
" Diam. of head .....	✓
" Mainpiece at top pintle	✓
" " heel ...	✓
" how constructed .....	✓
" double or single plate	✓
" coupling, vertical or horizontal .....	✓

10 3/8 x 2 3/4	✓
11 1/2 x 8 3/4	✓
11 x 8 3/4	✓
11 1/2 knots	✓
"Overly" Patent	✓
820	✓
13 3/4	✓
Built local	✓
Rudder Forge	✓
Double	✓
For	✓

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Rpt. 1

Framing of  
Frames in  
Frames from  
DeckSpacing of  
Longitudinal  
FramesSingle  
Double  
Bottoms  
or

Spacing of L

In Bridge  
'tween DeckIn  
Upper 'tween  
Decks.

In Hold.

Spacing of T

Longitudinal  
Beams of  
L, [ or ]

500,12,27.—T.

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Lloyd's Register  
Foundation







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.)

PARTICULARS OF ELECTRIC WELDING (if employed) *Sheetweld and Quasi-Arc.*  
*Tank shoes, Engine room skylight, Auxiliary Seatings in Machinery Space, Hawsepipes doubling plates, Ventilators, Raised manholes in Machinery Space.*

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book  
*"Carrying Petroleum in Bulk" "Longitudinal framing at bottom and at deck" ✓*  
*"Cruiser Stern" D.F. E.S.D. Including keel*

Particulars of Drop Test of Cast Steel Anchors, viz. :—	1st Bower	59-2-7. ✓ E.E. 172. 17.12.37.
Weight, Surveyor's Initials,	2nd "	53-0-14. ✓ E.E. 222. 31.12.37.
Number of Certificate, Date of Test.	3rd "	44-1-0. ✓ E.E. 142. 10.12.37.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *107.8 ft.* R.Q.D. — ft., Bridge *43.5 ft.* Forecastle *52.0 ft.*

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

Official No. *167, 160.* Signal Letters *1 DK;* Extreme Breadth over Belting (Circ. 1611) *2<sup>nd</sup> dk clear of cargo tanks.* Over-all Length (Circ. 1708) *481' 8 1/2" ✓*  
No. and Material of Decks *Cement outside oil compartments; fillets at seams and butts in oil compartments.*  
Parts of Bottom of Vessel coated with cement or approved composition  
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,		233. ✓
Double bottom, under Engines and Boilers, machinery	75 ✓	176.	After peak tank,		192. ✓
Double bottom, if under Engines only,	✓		Deep tank, aft,	39' 9" ✓	408. ✓
Double bottom, if under Boilers only,	✓		Deep tank, forward,		
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. *885*

Date *31.3.38*

Dates of Surveys held while building

*1938. Feb. 4. 7. 10. 11. 12. 28. 29. 30. Apr. 5. 7. 11. 21. 27. 28. May. 2. 9. 10. 11. 13. 16. 19. 20. 23. 25. 26. 30. 31. June 7. 10. 15. 17. 27. 30. July. 1. 5. 6. 8. 11. 12. 13. 15. 18. 19. 20. 22. Aug. 2. 3. 4. 8. 10. 11. 15. 16. 22. 24. 25. 26. 29. 30. 31. Sep. 5. 6. 7. 8. 9. 12. 13. 15. 16. 19. 20. 21. 22. 23. 26. 27. 28. 29. 30. Oct. 3. 4. 5. 7. 10. 11. 12. 13. 14. 17. 18. 19. 20. 21. 24. 25. 27. 28. 29. 30. 31. Nov. 1. 2. 3. 8. 10. 11. 14. 15. 16. 21. 23. 25. 28. 30. Dec. 2. 3. 6. 8. 12. 13. 19. 22. 23. 27. 28. 1939. Jan. 3. 4. 6. 7. 9. 10. 11. 12. 14.*

Total No. of Visits *30*



38,304 1st Bower 89 2 21 63 5 0 0 232-0-0. L.P.H.S. 4.6.38.9.H.B.  
38,384 2nd 81 2 14 59 10 0 0 L.P.H.S. 14.6.38.9.H.B.  
38,317 3rd 69 2 14 53 12 2 0 L.P.H.S. 5.5.38.9.H.B.  
Collective weight 240 3 21

Rpt. 1\*.

n.v. British Genius

SUNDERLAND. No. 32560

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.				
	In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			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.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.	Number.		Diameter.	
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																	
" 10																	
" 11																	
" 12																	
" 13																	
" 14																	
" 15																	
" 16																	
Spacing of Longitudinal Frames																	
Amidships .....																	
At Ends .....																	
Single Double Bottoms																	
E or C																	
Tank Top Longitudinals																	
Bottom																	
Spacing of Longitudinals																	
Amidships																	
At Ends...																	
Transverses.																	
In Bridge 'tween Decks																	
Depth and Thickness																	
Face Angles .....																	
Lugs to Shell* .....																	
In Upper 'tween Decks.																	
Depth and Thickness																	
Face Angles .....																	
Lugs to Shell* .....																	
In Hold.																	
Depth and Thickness																	
Face Angles .....																	
Lugs to Shell* .....																	
Back Bars ...																	
Brackets .....																	
Spacing of Transverse Frames .....																	
* State if joggled or liners.																	
Longitudinal Beams of L, C or C																	
Bridge Deck ...																	
Upper																	
Second																	
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.

500,12,27.—T.

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