

Rpt. 1  
RECEIVED

23 JUL 1946

IN D.O.

MOTOR TANKER  
STEEL STEAMER MOTORSHIP.

Received at London Office

22 JUL 1946

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 18.7.46 Port of Sunderland No. 34502  
Survey held at Sunderland Date First Survey 27 Apr 1945 Last Survey 17.7.46 19  
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) M.V. "BRITISH Commerce" Machinery fitted aft: Single Screw  
State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections Poop Bridge Tele.

TONNAGE under Tonnage Deck ... 3189.89Do. of space or spaces between Tonnage Dk. and Upper Dk. ☒Total ☒Gross Tonnage 6092.31Register Tonnage 3334.59

## REGISTERED DIMENSIONS.

FEET

406.056.330.0CLASS 1100A1 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 400.0Breadth (greatest moulded) B 56.0Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 30.081st Longitudinal Number (L x D) 120322nd Numeral L x (B + D) 34432Framing Depth "d" at middle of length. See Sec. 3 (1d) ✓Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.3Do. Long Bridge to top of keel ✓Draught Moulded 24'-11 3/8"Built at SunderlandLaunched 15.5.46 Yard No. 736Builders Messrs Wm Dorman & Sons Ltd.Owners British Tanker Co Ltd.Managers ✓  
(Where necessary to be entered in Reg. Book)Residence ✓Port of Registry London

If surveyed while building, afloat, or in dry dock

During Construction

## 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	✓	
IN FOR <u>O.F. DEEP TANKS</u>	27	✓	" " Reversed Frame	✓	
" " <u>from 1/2 length amidships to Collision bulkhead</u>	24	✓	" " Vertical Struts	✓	
" " in peaks	24	✓	Centre Girder, depth and thickness <u>60 x 50 - 42</u>	✓	
SIDE FRAMING. (SEE ALSO LONG FRAMING) <u>RPT. 12 ATTACHED</u>	9 3 1/2 38	✓	" " top Angles <u>DOUBLE</u>	3 1/2 3 1/2 44	✓
Frame Amidships, <u>with side girders &amp; tie beams as approved</u>	Upper Deck	✓	" " bottom Angles <u>DOUBLE</u>	4 4 50	✓
" " Extends up to	Upper Deck	✓	Side Girders, No. each side and thickness <u>2 @ 54 x 40</u>	✓	
Reversed Frame Amidships, Angle	✓		Margin Plate depth (excl. of flange) and thickness	✓	
" " Extends up to	✓		" " Vertical Angle to Tank side	✓	
Depth of Framing Girder	9"	✓	" " Bracket abaft 1/2 len. from stem	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	✓		" " Vertical Angle to Tank side	✓	
" " Second 'tween Decks, Angle, [ or ]	✓		" " Bracket from forward 1/2 len. from stem to Panting Area	✓	
" " Third	7 3 1/2 46	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
IN WAY FOR HOLD	11 3 1/2 43	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓	
IN WAY DEEP TANK FOR	8 3 1/2 35	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
" " in Peaks, [	7/8 @ 4 1/2	✓	INNER BOTTOM PLATING. (AFT)	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	✓		thickness of Middle Line Strake	50	✓
State if Frame Joggled	✓		Thickness of remainder	50 1.25 IN WAY OF ENG. SEATING	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	✓		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?	✓		BEAMS LONGITUDINAL (REPORT 1 ATTACHED)	✓	
SINGLE BOTTOM.	48 x 44	✓	Uppermost Continuous Deck, <u>AFT</u>	9 3 1/2 42 9 as approved	✓
Floors, Depth and thickness at mid-line in <u>CR. TANKS</u>	11 x 3 1/2 50	✓	" " <u>FORWARD</u>	8 3 46 9 as approved	✓
DEPTH & THICKNESS IN SIDE TANKS	30 x 40 WITH 3 1/2 3 1/2 44 FACE BAR	✓	Spacing	Every frame	✓
Middle Line Keelson, on <u>Top</u> Angles	3 1/2 3 1/2 44	✓	Second Deck, amidships, Angle, [ or ]	✓	
" " Through Plate or Inter-costal Plate	48 x 40	✓	Spacing	✓	
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, [ or ]	✓	
" " Flat Plate Keel Angles	4 4 50	✓	Spacing	✓	
Side Keelsons, No. each side	✓		Fourth Deck, amidships, Angle, [ or ]	✓	
" " thickness of Inter-costal Plate	✓		Spacing	✓	
" " Angles	✓		Poop Deck, <u>Angle</u>	9 3 1/2 44 9 as approved	✓
DOUBLE BOTTOM. (AFT.)	50 x 40	✓	Spacing	Every frame	✓
Solid Floors, thickness and spacing	50 x 40 Every frame	✓	Bridge Deck, <u>Angle</u>	7 3 33	✓
" " Are Frame and Reversed Frame joggled?	✓		Spacing	30	✓
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, <u>Angle</u>	8 3 42 9 as approved	✓
" " breadth and thickness at margin plate	✓		Spacing	Every frame	✓

(MADE IN ENGLAND.)

002485-002489-0009 13



# 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>CENTRE LINE DECK GIRDER</b>					
<del>PILLARS</del> No. of Rows <b>DEPTH 4 THKS.</b>	54 x 50	+ 10 OWNERS	Stringer Plate, breadth and thickness in way of Bridge	✓	
<b>DECK ANGLE CONNS.</b>	3 1/2 3 1/2 30	DOUBLE	Thickness of Plating abreast Deck openings in way of Wells	✓	
" " " " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	
" " " " " "	✓		Thickness of Plating within line of openings	✓	
2 LONGIT. Bulkheads	9 3 1/2 30		If Sheathed, material and thickness	✓	
Stiffeners and Spacing <b>VERTICAL STIFFERS.</b>	@ 30" Spacing	+ 10 Top Plate	Third Deck.		
and side girders of the beams as app.	50	+ 02 Bottom Strake (unnecessary)	Stringer Plate, breadth and thickness	✓	
Plating, thickness of	50		If Plated, state thickness	✓	
<b>STRINGERS AND DECKS.</b>			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness	✓	
Stringer Plate, breadth and thickness	73 x 65		If Plated, state thickness	✓	
THKS AT BR. ENDS POOP FRONT in way of Bridge	81 x 88	as approved	Poop Deck.		
" " " " " "	6 6 60	✓	Stringer Plate, breadth and thickness	72 x 34	
Angle <del>W 11</del>			Plating, Sheathing, material and thickness	26 Plating ✓	
<b>CLEAR OF</b>			Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Wells	64 and as approved.		Stringer Plate, breadth and thickness	72 x 40	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Plating, Sheathing, material and thickness	26 Plating ✓	
Thickness of Plating <b>IN WAY</b> within line of openings	50	✓	Forecastle Deck.		
If Sheathed, material and thickness	✓		Stringer Plate, <del>breadth and</del> thickness	34	✓
Second Deck.			Plating, Sheathing, material and thickness	34	✓
Stringer Plate, breadth and thickness in Wells	✓				

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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.....	50✓	88✓	68✓	68✓		Double✓	1	4"✓	Welded Butts.✓				
„ Dblg. (if any)	✓	✓	✓	✓		✓							
Bottom Plating, No. of Strakes (FOUR).....	406✓	58✓	46✓	46✓		Double✓	7/8✓	3 1/2"✓	Quadruple✓	7/8✓	3 1/2"✓	Lapped	
Bilge Plating, No. of Strakes (ONE).....	E✓	60✓	46✓	46✓		"✓	7/8✓	3 1/2"✓	"✓	7/8✓	3 1/2"✓		
Side Plating, No. of Strakes (THREE).....	H✓	56✓	44✓	44✓		"✓	7/8✓	3 1/2"✓	Triple✓	7/8✓	3 1/2"✓	"	
Upper Deck, Sheer- strake in Wells.....	59✓	80✓	44✓	44✓		"✓	1✓	4"✓	Quadruple✓	1✓	4✓	"	
Upper Deck, Sheer- strake at Bridge ENDS & POOP.		96✓				"✓	1 1/8✓	4 1/2"✓	"✓	1 1/8✓	4 1/2"✓	"	
Strake below Sheer- strake in Wells.....	72✓	69✓	44✓	44✓		"✓	7/8✓	3 1/2"✓	"✓	7/8✓	3 1/2"✓	"	
Strake below Sheer- strake in Bridge .....	✓	✓	✓	✓									
Poop Side Plating.....		38✓				} Single	7/8✓	3 1/2"✓	Single	3/4✓	2 5/8✓	"	
Bridge Side Plating.....		42✓											
Forecastle Side Plating		40✓											

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	16
" Deck next below	✓
As per Rule	6

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D. IN CENTRE TANK.	50	9 x 3 1/2 x 38	30"	2 GIRDERS 26 x 50 FL 4"	✓
" " IN WING TANKS.	50	9 x 3 1/2 x 40	31 1/4"	27 x 50 FL 4"	✓
" " " "				2 GIRDERS 16 x 50 FL 3"	✓
" " " "				20 x 50 FL 3"	✓
" " Third	✓				
" " Holds	✓	9 x 3 1/2 x 40			
COLLISION " (Hold)	N° 152	51-26 6/8 as app.	24"	Flat and 2 Stringers	✓
AFTER PEAK "	N° 8	49-30 6/8 as app.	24"	2 Flats.	✓

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓			
STEM	Upper - Mild Steel	7/8 x 2 1/2	Flat Plate	✓
	Lower - Rolled Bar	9 1/2 x 2 1/2	as approved	✓
STERN FRAME	Propeller Post	Steel		✓
	Rudder			
Speed of Vessel		11 Knots		✓
RUDDER—Type		Simplex		✓
" A x D.		273		✓
" Diam. of head		10"		✓
" Mainpiece at top pintle		9		✓
" " heel		9		✓
" how constructed		Fabricated as per plan		✓
" double or single plate coupling, vertical or horizontal		50		✓
		Horizontal		✓

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Siemens Open Hearth	✓
	South Durham	Dorman Long	✓
	Steel Rev of Scotland	Barnett, Large Steel, Birmingham	✓
	Has the Steel been tested as required by the Rules?	Yes	✓



M.V. BRITISH COMMERCE SUNDERLAND No 34562  
PARTICULARS OF LONGITUDINAL FRAMING.  
(AT BOTTOM AND UPPER DECK)

[illegible]

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. 36528										LETTER Z Y		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.					
48216	1st Bower	64	2	0	✓			50	15	0	0	✓	63 3/4 ✓	BYERS STOCKLESS	W.A. BYERS	SUNDERLAND. 17.8.45 F.W.D. ✓
49189	2nd "	63	0	0	✓			50	7	2	0	✓	63 3/4 ✓	"	"	SUNDERLAND. 21.3.46 F.W.D. ✓
49107	3rd "	54	1	21	✓			45	1	1	0	✓	54 1/2 ✓	"	"	SUNDERLAND. 28.2.46 F.W.D. ✓
	Collective weight				✓							✓	182 ✓			
61312	Stream	17	3	7	✓	4	2	18	18	0	14	✓	17 1/2 ✓	Ordinary forged wrought iron	✓	CRADLEY HEATH 29.11.45 W.A.M. ✓

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.	Statutory.	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.			
71844	135	2 1/2	91.2	127 1/2	340-2.0			68 3/4	270	2 1/2	STUB LINK.	✓	CRADLEY HEATH 29.6.46 W.A.M.	Stream	90	4 1/4	64-12	90	4 1/4			
7171	135	2 1/2	91.2	127 1/2	351-0.0								NETHERTON 29.6.46 J.A.R.	TOWLINE	2@100	3	25-14	2@100	3			
					691-2.0									HAWSERS & WARPS	4@100	3 1/2	25.7	4@100	3 1/2			
Stream	129	5"			52.8			Towline	120	5"	S.W. 6 1/4					4@100	8"	Manilla				
Steel Wire									90	4 1/4												

Efficient arrangement of block and tackle led ✓

Steering Gear, Type (Power or hand) Hasties Steam ✓ Alternative Means of Steering to After Capstan ✓

Steering Chains (Size and Test) With Indicator control ✓ Windlass Common Walker Steam ✓ L.B.3 @ 26"0" ✓ Boats 1 @ 26"0" ✓

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

Cargo Hatchways.—(Upper Deck) Steel beamings 12"x8" welded to deck ✓ Thickness of Hatches .64 Steel O.T. covers ✓

Size of Hatchways Throughout 6'0"x4'0" No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams } ✓  
and/or Fore and Afters }

Builder's Signature WILLIAM DOXFORD & SONS, Limited,  
Mansay Gebbie Managing 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 ✓  
(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).

Fuel Oil (F.P. above 150°) carried in forward Oil Fuel Tanker, O.F. Tanker aft, Settling tanks and in D.B. tanks under engines. This vessel has been built in conformity with the Society Rules and regulations and the Secretariat letters. The scantlings and arrangements are in accordance with or equivalent to those shown on the approved plans. The material and workmanship are good. The freeboards have been marked on the vessels sides, verified and cut in. The Double Bottom tanks, Cofferdams, Cargo tanks, Tanker, Settling tanks, Peakers, and Fresh Water tanks have been tested as required by rules. The Windlass, Steering Gear and Auxiliary means of steering have been tried and found satisfactory. The Bulkheads, Decks and W.T. Dams have been tested in accordance with the Rules. The vessel between the forward and After Cofferdams for 142-143 and for 39 and 40 respectively is divided into 24 Cargo tanks viz. 8 Centre and 8 Wings (P.S.) for the carriage of petroleum in bulk. Pump rooms arranged between Nos 2 and 3 Cargo tanks and Nos 6 and 7 tanks respectively

The amount of Entry Fee..... £ 10 - - - Fees applied for, 19 JUL 1946  
Special Survey Fee..... £528 1: 6 Received by me, \_\_\_\_\_  
fresh and 17 - - -  
Travelling Expenses, if any ..... £ : : 19

I am of opinion the Vessel should be Classed +100 A1  
Carrying Petroleum in Bulk  
Signature Mal F.H. Duncan  
Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to Sunderland Date of issue 16/8/46

Committee's Minute FRI. 16 AUG 1946  
Character assigned +100A1 "Carrying Petroleum in bulk"  
Lloyds A+C.P.  
Machy. aft. +LMC 7.46 Oil Eng.  
C.L.  
2 D.B. 150lb  
White & Sld.  
" M.B.

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.)

This vessel is the first of this type to be built by Messrs Wm. Duffell & Sons Ltd.  
Plans and Fitting Certificates enclosed. ✓

PARTICULARS OF ELECTRIC WELDING (if employed)

Parts Welded

Upper and Lower Stringers to Bulkhead. Rudder plates. Bilge Keel to shell.  
Keel plate butts. Auxiliary Seats.  
Electrodes complying with Sect. 4 of the Rules have been employed for manual welding and the Rules for the application of electric arc welding in ship construction have been complied with where applicable.

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

Oil Engine: Longitudinal frames at bottom and deck. Butts of keel electrically welded.  
Cruise Stern: Echo Sounder: Gyro Compass: Direction Finder: and Radar type  
268 supplied by Messrs W.H. Smith & Co Ltd. (Manchester)

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

1st Bower	36.3.26 ✓	J.H.J.	6867	6.4.45
2nd "	37.2.8 ✓	J.H.J.	7364	21.12.45
3rd "	30.0.11 ✓	A.E.G.	7971	20.11.45

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 90'-3" ft., R.Q.D. ✓ ft., Bridge 46'-0" ft., Forecastle 36'-9" ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 180903 Signal Letters G.T.X.P. Extreme Breadth over Belting No Belting Over-all Length 422'-10" ✓  
(Circ. 1611) (Circ. 1703)  
No. and Material of Decks One steel deck (upper) Forecastle, Bridge and Poop decks of steel.  
Parts of Bottom of Vessel coated with cement or approved composition Cement outside oil compartments.  
Tillets at Seams and butts in oil compartments

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,	24-0	123 ✓
Double bottom, under Engines and Boilers,	20-0	28	After peak tank,	16-0	50 ✓
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward,	20-3	328 ✓
Double bottom, forward,	✓		Other tanks, if fitted, FORD COFFERDAM	3-6	143
Total length (if continuous) and Capacity	✓		(If necessary furnish further information by sketch.)	3-6	155

Order for Special Survey No. 6154

Date 2.12.44

Dates of Surveys held while building

19.5.44, 27.10.44, 1.2.45, 7.11.45, 16.18.45, 8.12.45, 21.1.46, 3.17.18.20.25.26.27. Aug. 9.13.17.20.21.22.23.24.29.31. Sep. 3.5.6.10.11.12.17.19.20.21.26. Oct. 9.12.16.17.22.24.26.30. Nov. 6.8.9.13.20.21.23.29. Dec. 14.21. 1946 Jan. 2.7.5.9.15.18.29. Feb. 1.6.11.15.19.20.26.28. Mar. 6.12.15.18.27. Apr. 1.2.3.4.5.8.9.10.11.12.13.15.16.17.18.24.25.26.27.29.30. May 1.2.3.4.6.7.8.9.10.11.13.15.16.29.30. June 2.3.5.14.17.18.20.24.25.27.28. July 4.8.9.10.12.15.16.17.

Total No. of Visits

135