

Rpt. 1.

WRECK
SECTION
No.

STEEL STEAMER or MOTORSHIP.

Received at London Office 15 AUG 1928

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. (W.H.R. Report)*

No.

Date of completion of report 15.8.28

Port of Newcastle-on-Tyne

No. 83129

Survey held at *Hoburn-on-Tyne*

Date First Survey 17th Aug. 1927 Last Survey 10th Aug. 1928

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

Single Sc. Motor Vessel "BRITISH JUSTICE"

Machinery

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

Full scantling oil Carrier Long^d Framing

State Type of Erections *Prop. Bridge & Fiddle*

TONNAGE under Tonnage Deck...

6458.0

CLASS *100A1*

carrying petroleum in bulk

State if with freeboard as condition of Class *without*

Built at *Hoburn-on-Tyne*

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 440.0*

Breadth (greatest moulded) *B 56.75*

Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 33.92*

1st Longitudinal Number (L x D) *= 14925*

2nd Numeral L x (B + D) *= 39895*

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.97*

Do. Long Bridge to top of keel *26'6"*

Draught Moulded *Full Summer*

Launched *6th March 1928* Yard No. *977*

Builders *Palmers S.B. & Co. Ltd.*

Owners *British Tanker Co. Ltd.*

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

Residence *London*

Port of Registry *London*

If surveyed while building, afloat, or in dry dock

all three

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			Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead			" " Reversed Frame		
" " in peaks			" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>57" x 50</i>	
Frame Amidships, Angle, [or]			" " top Angles <i>double</i>	<i>3 1/2 3 1/2 50</i>	
" " Extends up to			" " bottom Angles <i>double</i>	<i>4 4 58</i>	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	<i>2 42</i>	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	<i>52</i>	
Depth of Framing Girder			" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			Bracket abaft $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Third " " "			Bracket forward $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle or [	<i>8 1/2 3 1/2 38</i>		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
State if Frame Joggled			Tank Side Brackets, height above base line at toe of Frame and thickness		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>long^d framing see plans</i>		INNER BOTTOM PLATING. Engine Space		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>long^d framing as app.^d double bottom in deep tank as app.^d shell plating as rule.</i>		Breadth and thickness of Middle Line Strake	<i>7 1/2 52</i>	
INGLE BOTTOM.			Thickness of remainder in Holds Engine space	<i>1.25" in way of bed plate 52" clear of " "</i>	
Floors, Depth and thickness at mid-line in Holds			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?	<i>oil engines</i>	
Height of Brackets at side above base line at toe of frame			BEAMS.		
Middle Line Keelson, on Floors, Angles, [or]			Uppermost Continuous Deck, amidships in Wells, Angle, [or]		
" " Through Plate or Intercoastal Plate			" " in way of Bridge, Angle, [or]		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Second Deck, amidships, Angle, [or]		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Third Deck, amidships, Angle, [or]		
" " Angles			Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or]		
Solid Floors, thickness and spacing	<i>For deep tank 40 30 27" space 42 24 1/2</i>		Spacing		
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>		Poop Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck, Angle, [or]		
			Spacing		
			Forecastle Deck, Angle, [or]		
			Spacing		

WRECK
SECTION
No.

Longitudinal Framing

© 2021

Lloyd's Register
Foundation

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 <i>inchy</i>	72 .48	
" in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells.....	.44	
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge.....	✓	
" in Hold.....		<i>built pillars as app?</i>	Thickness of Plating within line of openings...	✓	
" " " " " "			If Sheathed, material and thickness.....	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing..... <i>BA</i> <i>6</i>	7 3 .33 10 3½ .50 30" space		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of.....	.43 to .55		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	8 3½ x .63		If Plated, state thickness.....		
" " " " in way of Bridge	8 3½ x .73		Poop Deck.		
" Angle in Wells.....	6 6 .66		Stringer Plate, breadth and thickness.....	90 .32	
Thickness of Plating abreast Deck openings in way of Wells.....	.55		Plating, Sheathing, material and thickness...	.32" .26" in way of 2½" sheathing in accommodation	
Thickness of Plating abreast Deck openings in way of Bridge.....	.55		Bridge Deck.		
Thickness of Plating within line of openings...	.55		Stringer Plate, breadth and thickness.....	4½ .42	
If Sheathed, material and thickness <i>pl. 2½" in accommodation</i>			Plating, Sheathing, material and thickness...	.26" + 2½" sheathing	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	72 ¾ .44		Stringer Plate, breadth and thickness.....	72 .36	
			Plating, Sheathing, material and thickness...	.26" + 3" sheathing	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			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.		Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	52½	.96	.76	.76	Plates on stern - frame increased as rule.	double	1"	4"	5	1½	5½	lapped	
" DBLG. (if any)	-	-	-	-									
BOTTOM PLATING, No. } of Strakes .....4..}	2 @ .69	.69	.50			"	7/8	3½	4	7/8	3½	"	
	2 @ .63	.63				"	"	"	"	"	"	"	
BILGE PLATING, No. of } Strakes .....1..}	.68	.50	.52			"	"	"	"	"	"	"	
SIDE PLATING, No. of } Strakes .....3..}	.60	.53	.47			"	"	"	3	7/8	3½	"	
UPPER DECK, Sheer- } strake in Wells.....}	66 .84	.53	.47						4	1"	4"	"	
UPPER DECK, Sheer- } strake in Bridge ...}	.98								5	1½	5½	"	
STRAKE BELOW Sheer- } strake in Wells.....}	.84	.47	.47			double	1"	4"	4"	1"	4"	"	
STRAKE BELOW Sheer- } strake in Bridge ...}	.84					"	1½	4½	"	"	"	"	
POOP SIDE PLATING .....			.40		single	7/8	3½	2	¾	2½	"	
BRIDGE SIDE PLATING ...	.50 ends .42				"	7/8	3½	"	"	"	"	
FORECASTLE SIDE PLATING			.42		"	¾	3	1	¾	"	"		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c).....	11
" Deck next below.....	17 including three to U.DK
As per Rule.....	<i>app'd as above</i>

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD.	<i>summer tanks</i>	.34	7 x 3 x 31	30½	
" Upper tween decks	<i>expansion trunk</i>	34/36	<i>web</i>	BA 6½ x 3 x 34	34"
" Second				7 x 3 x 34	
" Third					
" Holds.....	37/51	2 webs		7 x 3 x 46	30"
COLLISION	(in Hold).....	35/52	<i>channel</i>	6 x 3 x 32	30"
AFTER PEAK		30/50	8 x 3 x 40	34½	<i>flat</i>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar.....		<i>Plate keel</i>		
STEM.....	<i>Roller</i>	10 x 2 ¾		
STERN FRAME { Propeller Post.....	<i>Forged</i>	10½ x 8 7/8 9 x 8 7/8	<i>Fried KRUPP</i>	
{ Rudder.....				
RUDDER—A x D.....		593		
Speed of Vessel.....		11 knots		
RUDDER mainpiece at head.....	<i>Forged</i>	12" 9"	<i>Nitkovice mfg. Co. steel & iron</i>	
" heel.....				
" how constructed.....		<i>arms shrunk & keyed</i>		
" double or single plate		<i>single 1-12</i>		
" coupling, vertical or horizontal.....		<i>horizontal</i>		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....
	<i>South Durham, Norman Long, Consett, Peace & Partners</i>
	<i>Open-heart process.</i>
	Has the Steel been tested as required by the Rules?.....
	<i>Yes</i>

EQUIPMENT No. 416268										LETTER B+	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.			
30717	1st Bower ...	80	2	7				59	0	0	0	72 1/2	Byers Imp?		Sld, 26.1.28, Butler
30718	2nd " ...	72	3	7				55	5	0	0		" "		" 27.1.28 "
30695	3rd " ...	62	2	0				49	15	0	0		" "		" 20.1.28 "
	Collective weight.	215	3	14								207			
30624	Stream	20	3	7	5	1	14	21	10	1	7	20 1/2	Rodgers		Sld 30.12.27 "

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.	
<i>15574</i>	<i>300</i>	<i>2 3/8</i>	<i>10 1/2</i>	<i>142 7/8</i>	<i>852.2.21</i>	<i>844 1/4</i>	<i>300</i>	<i>2 3/8</i>	<i>Steel open</i>		<i>Sld 31.12.27 Butler</i> <i>Nil 30.9.27 Green.</i>	<i>TOWLINE</i>	<i>130</i>	<i>5 1/2</i>	<i>98</i>	<i>130</i>	<i>5 1/2</i>
	<i>120</i>	<i>5"</i>										<i>HAWSERS & WARPS</i>	<i>90</i>	<i>3 3/4</i>	<i>41</i>		
													<i>90</i>	<i>3 3/4</i>	<i>35.5</i>	<i>4-100</i>	<i>2 3/4</i>
													<i>9-90</i>	<i>3"</i>	<i>26.2</i>		

Steering Gear, Steam *Hele-shaw (Martineau) Electric Hydraulic* Steering Gear, Hand *tackles to wind*

Boats *4 steel lifeboats 20'*
1 dumpy 16'
1 cutter 16' Steering Chains, Size and Test *✓* Windlass *Steam - Clarke - Chapman*

Ceiling in Holds, thickness and material *none* Cargo Battens, thickness, material and spacing *3" x 3/4" Cypsel iron in fore hold only*

Cargo Hatchways. (Upper Deck) *0.7 hatchways 6' x 4'* Thickness of Hatches *steel .60"*

Size of No. 1 Hatchway (Forward) *9' x 12'* No. 2 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters *to fore hold .30 steel cores with 5 angle stiffeners 5 x 3 x .40*
1 web beam 10" x 30 with 4 angle 3 x 3 x .40
Palmer's Shipbuilding & Iron Co., Ltd.

Builder's Signature

Ab Jenkins
Shipyard Manager.

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans the Committee's instructions and the Society's Rules. The workmanship and materials are good and to my satisfaction. All main cargo tanks, summer tanks, cofferdams diesel oil & fuel tanks feed fresh water ballast tanks have been tested by filling with water to rule head. All weather decks outside parts tested under pressure have been tested by flooding with hose. The assigned freeboards have been marked on vessel's sides, verified and cut in.

The vessel is built on the longitudinal system of framing.

The vessel is a duplicate of BRITISH FREEDOM, Nwc Report 82866, and as far as cargo tank construction (midship section) is concerned is duplicate of "BRITISH LOYALTY." "BRITISH HONOUR" & "BRITISH ARDOUR". The approved plans & print of sections as built are in the London office. My are required here for completion of another vessel.

The amount of Entry Fee £ *10 : 0 : 0* Fees applied for, *15 AUG 1928*
Special Survey Fee.... £ *56 : 16 : 6* Received by me, *21.8.28*
Fbd *11. 0. 0*
Travelling Expenses, if any £ : : *✓*

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

EL Brown

Surveyor to Lloyd's Register of Shipping.

IN DUPLICATE
Certificate to be sent to*Newcastle*

Date of issue

24/8/28 sent to Owners

Committee's Minute

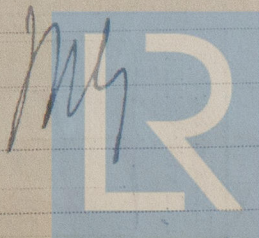
FRI. 24 AUG 1928

Character assigned

-1- 100A1

Carryg. petroleum in bulk Lloyd's atcl. 7.2
thms 8.28
CL

Oil Engines

*2 DB - 15016**Wick 6x*

© 2021

Lloyd's Register
Foundation

W1645-02293/3

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

1st Bower	47.0.20	with pin 51.2.21	R.W.F. Mdb	6722	23.12.27
2nd "	43.3.17	48.1.0	" "	6684	16.12.27
3rd "	36.3.16	40.1.21	K.H. Ddf	5070	29.12.27

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 106.5 ft., R.Q.D. — ft., Bridge 34 ft., Forecastle 49 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated not joined

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 2 dks (ste)

Official No. 160548; Signal Letters — Is bottom of Vessel coated with cement — if not give particulars of composition in oil compartments cement filled at seams struts, Peaks & B. B. tanks cemented.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only, <u>cooling water feedwater</u>	<u>82.5</u>	<u>253</u>	Deep tank, aft,		
Double bottom, if under Boilers only, <u>lubricating oil</u>			Deep tank, forward,	<u>40.5</u>	<u>254</u>
Double bottom, forward,			Other tanks, if fitted,		
		Total capacity of double bottom <u>253</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No.

Date

Dates of Surveys held while building



© 2021

Lloyd's Register
Foundation

Total No. of Visits

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.		Rivets in Brackets to Bulkheads.		
				Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Spang.	Inches.	Number.	Diameter.		
				Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.	Number.	Diameter.		
Framing of Δ , \square or ∇							Pop 6 1/2	3	.32													
Frames in Bridge 'tween Decks ...				6	3	.38	F 6 1/2	3	.38							3/4	4 1/2	4 1/2	7	7/8		
Frames from Uppermost Continuous Deck No. 1				7	3 1/2	.40	A 7	3 1/2	.38							7/8	5 1/4	5 1/4	"	"		
" 2				7	3 1/2	.40	A 7	3 1/2	.38							"	"	"	"	"		
" 3				7	3 1/2	.40	F 7	3 1/2	.36							"	"	"	8	7/8		
" 4				8	3 1/2	.35	A 7	3 1/2	.51							"	"	"	10	7/8		
" 5				8	3 1/2	.40	F 7 1/2	3 1/2	.48							"	"	"	"	"		
" 6				8 1/2	3 1/2	.38	A 8 1/2	3 1/2	.43							"	"	3 7/8 for 8 rivets	"	"		
" 7				8 1/2	3 1/2	.40	F 8 1/2	3 1/2	.40							"	"	"	"	"		
" 8				8 1/2	3 1/2	.45	A 9	3 1/2	.44							"	"	"	"	"		
" 9				9	3 1/2	.40	F 9	3 1/2	.42							"	"	"	"	"		
" 10				9 1/2	3 1/2	.44	A 9 1/2	3 1/2	.46							"	"	3 1/8 for 8 rivets	"	"		
channel " 11				10	3 1/2	.44	F 9 1/2	3 1/2	.52							"	"	"	14	7/8		
channel " 12				12 x 375 x 3 1/2 x .525			A 10 1/2	3 1/2	.44							"	"	"	12	7/8		
" " 13				15 x 40 x 4 x .62			A 12	3 1/2	.45 BA							"	"	"	"	"		
" " 14				"	"	"										"	"	"	"	"		
" " 15				"	"	"										"	"	"	"	"		
" " 16				"	"	"										"	"	"	"	"		
" to " 21				"	"	"										"	"	"	"	"		
Spacing of Longitudinal Frames				Amidships	30" to 36"																	
				At Ends	Varying as plan																	
Double Bottoms				Tank Top Longitudinals																		
" " "				Bottom																		
Spacing of Longitudinals				Amidships																		
				At Ends...																		
Transverses.																						
In Bridge 'tween Decks				Depth and Thickness			12 x .54 x 3 1/2 x .60 CHANNEL															
				Face Angles			-															
				Lugs to Shell*			-															
In Upper 'tween Decks.				Depth and Thickness			24 to 30" x .40															
				Face Angles			4" flange															
				Lugs to Shell* joggled			3 1/2 3 .40															
In Hold.				Depth and Thickness			42 to 57" x .46															
				Face Angles			5 x 3" x .46															
				Lugs to Shell* joggled			6 6 .46															
				" " Back Bars																		
				Brackets																		
Spacing of Transverse Frames				and span 9' 1 1/2"																		
				Center span 7' 3"																		
Longitudinal Beams of Δ , \square or ∇				Bridge Deck ...			6 3 .30			6 3 .30												
				TRUNK			6 1/2 3 .35			F 6 1/2 3 .30												
				Upper			6 1/2 3 .37															
				Second			7 1/2 3 .35			A 7 3 .30												
				Third						F 7 1/2 3 .36												

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.