With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office .....

State if Report is also sent on the Machinery of the Vessel .....

Date of completion of report 28th September 1922 *Port of* SUNDERLAND. No. 28421

Survey held at SUNDERLAND. *Date, First Survey* 14th February 1921 *Last Survey* 19th September 1922

On the (State if Single, ~~Twin~~, or ~~Triple~~ Screw) Steamer **"BRITISH ADVOCATE"** *Rig* Schooner

CLASS ✠ 100 A1. CARRYING PETROLEUM IN BULK

		FEET.
TONNAGE under Tonnage Deck	6549·41	
Do. between Tonnage Dk. and 3rd and 4th Dk.		
Total under Upper Dk.		
Do. of Poop	83·93	
Do. of ~~P.Q.Dk.~~ Bdge P. upper	134·63	
Do. of Bridge House	34·64	
Do. of Forecastle	87·33	
Do. of Houses on Dk.	93·51	
Do. of excess of Hatchways	3·52	
Do. above Crown of Engine Room (Chart House)	5·83	
Gross Tonnage	6992·80	
Less Crew Space	252·83	
Less above Crown of Engine Room	2237·70	
TONNAGE FOR FEES		
Less Engine Room		
Less Navigation Spaces	350·88	
Register Tonnage as cut on Beam	4131·39	

Breadth (*greatest moulded*)	56·75	
Depth, *at middle of length from top of keel to top of upper deck beams at side*	33·92	
Transverse Number	90·64	
Length *on deck from fore part of stem to after part of stern post*	440·00	
Longitudinal Number	39894·8	
Depth "d," *at middle of length (See Secs. 2 & 13)*	-	
Proportions—*Depths to Length*—*Upper Deck Beam at side to top of keel*	12·94	
" " *Long Bridge Deck Beam at side to top of keel*		

Master .....

Year of appointment (1) *As Master in service of owner of present vessel:* 19 ..... (2) *As Master of this vessel* 19 .....

Built at Sunderland

When built 1922 *Launched* 9th June 1922

By whom built Sir James Laing & Sons Ld

Owners British Tanker Co.

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

Residence Salisbury House London Wall London E.C.2

Port belonging to London.

Destined Voyage Aden via Swansea. *If Surveyed while Building, Afloat,* ~~*or in Dry Dock*~~ & Yes

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	440	0	**BREADTH**—Moulded	56	9	**DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams			No. of Decks with flat laid 2
						Do. do. do. do. Second Dk. Beams	34	0	No. of Tiers of Beams 2

Dimensions of Ship per Register, Length 440·3 breadth 57·1 depth 33·9. Moulded depth, ft. 41 ins. 11 To Bridge Dk. Moulded depth, ft. 33 ins. 11 To Upper Dk. Round of Upper Dk. Beam, Actual 14 ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved.	Inches per Rule Approved.
FRAME, Angles, or ⊾ or ⌊ Bars amidships Bdge.	7	3½	·40	7	3½	·40
Do. in peaks	8	3½	·46	8	3½	·46
Do. in way of Double Bottoms at Solid Floors	8	3½	·50	8	3½	·50
" " at ~~intermdt. Bkts.~~ IN BDGE	3½	3½	·40	3½	3½	·40
	3½	3½	·44	3½	3½	·44
Spacing of Frames from centre to centre amidships		24¼			24¼	
" " " " from ⅜ length to Collision bulkhead						
" " " " in peaks		24			24	
REVERSED FRAME, Angles	Longitudinal Framing.					
Do. in way of Double Bottoms at Solid Floors	3½ × 3½ × ·44 double in B.R. tank					
" " at intermdt. Bkts.	3½ × 3½ × ·34 single in B.R. tank but double under boiler bearers					
FRAMING, depth of girder						
FLOORS, depth and thickness of Floor Plate at mid-line for ¾ length amidships	Longitudinal Framing see form					
" in way of Engine and Boiler Spaces						
" thickness at the ends of vessel	Cellular double bottom in E & B Space					
" depth at ¾ the half breadth, as per Rule						
" height extended at the Bilges						
FLOORS in **Cell. Double Bottoms**	·68 BS	·42 BS		·30 BS.	·40 BS	
" state if flanged (top & bottom)	"	No			No	
" Spacing of Solid floors	2·4½	& 2·8"		2·4½	& 2·8"	
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.	·54 BS	·62 BS		·54 BS	·62 BS	
" " Angles, Top	3½ × 3½ × ·54 BS	·64 BS		3½ × 3½ × ·54 BS	·64	
" " " Bottom	6 × 6 × ·54 & 5 × 5 × ·54			6 × 6 × ·54 5 × 5 × ·54		
" " " to Floors	3½ × 3½ × ·54 BS	·44 BS		3½ × 3½ × ·54 BS	·44 BS	
" Brackets at intermdt. frmg., wdth & thknss	One in BS	·50		One in BS	·50	
SIDE GIRDERS, number on each side & thickness	2 " BS	·40		2 " BS	·40	
" " state if flanged (top and bottom)	also oil bunker sides No				No	
" " Angles (top and bottom)	3½ × 3½ × ·44	·54 BS		3½ × 3½ × ·44	·54 BS	
" " " to Floors	3 × 3 × ·40	·50 BS		3 × 3 × ·40	·50 BS	
MARGIN PLATE, depth (exclusive of flange) and thickness	·52 BS	·58 BS		·52 BS	·58 BS	
" " Angle to Outside Plating	3½ × 3½ × ·60			3½	3½ × ·60	
" " " Floors in BS.	3½	3½	·54	3½	3½	·54
" Brackets at intermdt. frmg., wdth & thknss		✓			✓	
" Height of Outside Brackets above at bilge		✓			✓	
INNER BOTTOM PLATING, breadth and thickness of **Middle Line Strake**	·54 BS	·58 BS		·54 BS	·58 BS	
" " " in Engine and Boiler space	·52 BS	·58 BS		·52 BS	·58 BS.	
" " " Remainder in Holds	D.Bm. in Mchy. Space only.					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" In way of Long Bridge						
" Spacing	LONGITUDINAL FRAMING (SEE FORM)					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Spacing						
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Bridge Deck, ~~Angle~~, Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	7	3	·42	7	3	·42
" Angles on upper edge		✓			✓	
" Spacing		24¼			24¼	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	11	3½	·50	11	3½	·50
" Angles on upper edge		✓			✓	
" Spacing	Alt. frames			Alt. frames		

PILLARS.

	Inches. Size in Ship.	Inches. Spacing in Ship.	Inches per Rule. Or as	Inches per Rule. Approved.
PILLARS In 'tween Deck, size and spacing	Steel centre line bhd.			
" " **Hold** " "	"	"	"	"
" **Quarter 'tween Dks.,** " "	Steel trunk sides			
" " **in Hold** " "				

KEELSONS & STRINGERS.

	Inches in Ship	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved.	Inches per Rule Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate						
" Rider Plate						
" Flat Plate Keel Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for ..... length						
" Intercostal Plate, for ..... length						
" Attached to outside Plating with Angle						
BILGE KEELSON, Angles						
" ~~Intercostal~~ BULB Plate for 220' length		12 × ·50				
" Attached to outside Plating with Angle	6 × 4 × ·50					
SIDE STRINGERS, Number						
" " Angle						
" Intercostal Plate, for ..... length						
" Attached to outside plating with Angle						
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	62½ ×	·74		62½ ×	·74	
" " " " br'dth & thickness (in way of Bridge)		·80			·80	
" " " Angle (clear of Bridge)	6 × 6 × ·60			6 × 6 × ·60		
" " Tie Plate at sides of Hatchways	·60 & ·50			·60 & ·50		
" Deck.* Iron or Steel, for Full lng.	·56 centre strake and trunk top					
" " Thickness (clear of Bridge)	·56 & ·50			·56 & ·50		
" " " (in way of Bridge)	·66 & ·56			·66 & ·56		
" Wood Deck. Material & thickness		No Wood Deck				
Second Deck Stringer Plate, br'dth & thickness	67 × ·44 & ·50			67 × ·44 & ·50		
" Angles on ditto, No.	6 × 6 × ·44			6 × 6 × ·44		
" Tie Plates outside Hatchways	IN WAY OF SUMMER TANKS					
" Deck.* Iron or Steel, for Full lng.		·42			·42	
" Wood Deck. Material & thickness		No Wood Deck				
Third Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck.* Material and thickness						
Fourth and Fifth Deck Stringer Plate, breadth & thickness						
" " " Angles on ditto, No.						
" " " Tie Plates outside Hatchways						
" " Deck. Material & thickness						
Poop Deck Stringer Plate, breadth & thickness	37 ×	·36		37 ×	·36	
" Angle on ditto	3½ × 3½ × ·36			3½ × 3½ × ·36		
" ~~Tie Plates~~	·24 sheathed where prepared and over accommodation 5 × 3 PP					
" Deck. Material and thickness Elsewhere	·32 & ·36			·32 & ·36		
Bridge Deck Stringer Plate, br'dth & thickness	41 ×	·42		41 ×	·42	
" Angle on ditto	3½ × 3½ × ·42			3½ × 3½ × ·42		
" ~~Tie Plates~~ Steel	·30 Sheathed with 6 × 2½ PP			·30 Sheathed		
" Deck. Material and thickness						
Forecastle Deck Stringer Plate, b'dth & th'kns	37 ×	·36		37 ×	·36	
" Angle on ditto	3½ × 3½ × ·36			3½ × 3½ × ·36		
" ~~Tie Plates~~	·45 & ·24 Sheathed 5 × 3 PP					
" Deck. Material and thickness	& thick plate under windlass					

OWNERS EXTRAS INCLUDED

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

Form No. 1A.—2m,2,19. T.

WEB FRAMES.

	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing	LONGITUDINAL FRAMING			✓
,, ,, ,, brdth. & thickness				
,, No. of Side Stringers ,, ,,				
WEB-FRAMES, In E. & B. Space, No. & spacing				
,, ,, ,, brdth. & thickness	FOR TRANSVERSES SEE FORM			✓
WEB-FRAMES, In After Body, No. and spacing				
,, ,, ,, brdth. & thickness				
,, No. of Side Stringers ,, ,,				
,, Size of Face Angles to **Web-Frames**				
BRACKET PLATES to Stringers between Web Frames, depth and thickness				

FORGINGS or CASTINGS.

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar, depth and thickness	FLAT PLATE KEEL	
STEM, moulding and thickness	10½ × 2⅞	10½ × 2⅞
STERN-POST for Rudder do. do. (Section as per plan)	11½ × 8½	9 × 8½
,, for Propeller	11½ × 8½	10½ × 8½
RUDDER—A×D* Table 22. Speed under 12K	588·29	✓
,, **Main-Piece,** diameter at head	12	11
,, ,, ,, at heel	9	8½

RUDDER, how constructed: Forged and built.

,, Thickness of Plates or Single Plate: 1·12 ✓

Can the Rudder be unshipped afloat? Yes ✓

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Horizontal. Spacing Inches.	Vertical. Size. Inches.	Vertical. Spacing Inches.	Single or Double Frames.	Height up, state deck.
W.T. BULKHEADS	10 B·H to upper dk			7 to 2nd deck				17 B·H	
AFTER PEAK BHD	7 & 11 FRAME		·50 to ·32	W.T. FLAT & AS APPROVED		L 10×3½×·44	34½	SINGLE	UPPER
MIDSHIP BHD			·52 to ·36	6×3×·34 L to 10×3½×·60 L spaced as appd		2 axels as per plan ~ Ch. Bhd		SINGLE	UPPER
,, ~~COLLISION~~ ,,	97 FRAME		·52 to ·30	6×3×·36 L to 8×3×·40 L		Centre line bulkhead		SINGLE	UPPER
PARTITION ,, **LONGITUDINAL** ,,			·52 to ·36	6×3×·36 L to 10×3½×·34 & 50 L		axels as per appd plan			UPPER

Forward deep tank bulkheads and oil fuel bulkheads as approved.

Are the outside Plates doubled two spaces of Frames in length? Brackets in lieu ✓

Are the ~~Sluice Valves~~ and Watertight Doors in efficient working order? Yes ✓

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? Open Hearth process

Plates, Dorman Long, S. Durham. Cowett Bolckow Vaughan

Angles. Cowett Cargo Fleet, Palmers, Dorman Long. ✓

Has the Steel been tested as required by the Rules? Yes ✓

PLATING.

STRAKES.		As in Ship. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.	Forward. Thickness. Inches.	Aft. Thickness. Inches.	Per Rule or as Approved. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.
FLAT PLATE KEEL (Ij Bar Keel, state Riveting.)		49	1·04	·72	·72	49	1·04
GARBOARD or A Strake		66	·64	·50	·64		·64
State actual thickness in way of Double Bottom.	B ,,	63¾	·64	·44	·64		·64
	C ,,	63¾	·64	·44	·78		·64
	D ,,	63¾	·64	·44	·66		·64
	E ,,	60	·64	·44	·62		·64
	F ,,	58	·64	·44	·64		·64
	G ,,	66	·62	·44	·62		·62
	H ,,	65½	·62	·44	·62		·62
	J ,,	65½	·62	·44	·62		·62
	K ,,	72	·62	·44	·48		·62
	L ,,	72	·78	·44	·50		·78
SHEERSTRAKE	M ,,	59	1·02	·44	·54		1·02
	N ,,						
	O ,,						
	P ,,						
	Q ,,						
	R ,,						
	S ,,						
	T ,,						
	U ,,						
	V ,,						
	W ,,						
TH'KNESS OF SH'RSTRKE CLEAR OF LONG BRIDGE			Plating increased			to	1·08 at breaks
DO. OF STRAKE BELOW							
DBLG. of Flat Plate Keel							
,, Sheerstrakes (Length and thickness.)					·60		
POOP SIDES					40 ·78	at breaks	·40
SHORT BRIDGE SIDES			·50				·50
FORECASTLE SIDES				·42			·42

Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

Plating on stern frame increased as per Rule ✓
Bottom plating forward increased as per Rule ✓
Bottom plating aft increased ·04 for wide floor spacing ✓

RIVETING.

Edges. Ordinary or joggled? ORDINARY	Single or Double.	Breadth of Lap. Inches.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Butts. Double or Treble and for what Length.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Straps. Breadth. Inches.	Straps. Thickness. Inches.	If Lapped. Breadth. Inches.	If Lapped. For what Length. Feet.
FLAT PLATE KEEL	DOUBLE	6¾	1⅛	3 5/16	5R & 4R	1⅛	5/16			20	FULL
GARBOARD	"	5½	⅞	3	4R to 3R	⅞	3½			12	"
B	"	"	"		"	"	"			"	"
C	"	"	"		"	"	"			"	"
D	"	"	"		"	"	"			"	"
E	"	"	"		"	"	"			"	"
F	"	"	"		"	"	"			"	"
G	"	"	"		3R	⅞	3⅜			9	"
H	"	"	"		"	"	"			"	"
J	"	5¼	"		"	"	"			"	"
K	"	6	1	3⅜	"	"	"			"	"
L	"	6¾	1⅛	3 5/16	4R to 3R *	1	4			14	"
M					4R to 3R	1⅛	4½			16	"
TH'KNESS OF SH'RSTRKE CLEAR OF LONG BRIDGE											
DO. OF STRAKE BELOW											
DBLG. of Flat Plate Keel											
,, Sheerstrakes (Length and thickness.)											
POOP SIDES	2R & 1R	5¼ + 3	⅞	3	DOUBLE	¾	2⅝			5	FULL
SHORT BRIDGE SIDES	"	"	⅞	3	TREBLE	⅞	3¼			9	"
FORECASTLE SIDES	"	"	⅞	3	DOUBLE	¾	2⅝			5	"

* At poop front and bridge ends double 3R straps as approved.

* Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck Stringer Plate — **Butts,** 4R riveted for ½L to 3R length amidship.
Straps, ~~single, double~~ or overlapped for FULL length amidship.

Second Deck Stringer Plate — **Butts,** 3R riveted for FULL L except fore and aft where 2R length amidship.
Straps, ~~single~~ or overlapped for FULL length amidship.

Butts of Side Stringers riveted.
,, **Tie Plates** ✓ riveted.
Inner Bottom Plating, in E & B Space riveting of **Edges** Double **Butts** 3R & 2R
Centre Girder Butts, 3R riveted. **Keelson Butts,** ✓ riveted.
Frames, riveted through Plates with ⅞ in. Rivets, about ~~see form~~ ✓ apart.
Rivets, state whether Iron or Steel IRON ✓

FRAMES extend in one length from to State if ordinary or joggled Shell lugs joggled
REVERSED FRAMES on floors and frames extend from LONGITUDINAL FRAMING
State if ordinary or joggled

MASTS, SPARS, &c.

	Material.	Total Length.	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles. Number.	Angles. Size.	Riveting. Seams.	Riveting. Butts.
Lower Masts. Fore	Steel	49'	24 × ·35			18 × ·30	2	–	–	2R	3R
Main	"	51'	24 × ·35			18 × ·30	2	–	–	2R	3R
Mizen											

Bowsprit

Topmasts, Yards and Remainder of **Spars** Pitch Pine

Rigging, Material and Size, **Shrouds** Steel wire 4" **Stays** 4½" Steel wire ✓

Sails. ✓ Suit of ✓ Sails, and the following spare sails

S/S BRITISH ADVOCATE

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	Amidships. In Ship. Ins.	Ins.	Ins.	Ends. In Ship. Ins.	Ins.	Ins.	Amidships. Per Rule or as approved. Ins.	Ins.	Ins.	Ends. Per Rule or as approved. Ins.	Ins.	Ins.	Riveting. Rivets in Longitudinl. Frames. Diam. Ins.	Spacing Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads. Number.	Diameter. Inches.
Framing of ⊥, L or ⊥	BDGE	TRANS	FRG	FCLE	TRANS	FRG				POOP	LONG	FRG					
Frames in Bridge 'tween Decks ...	7	3½	·40	7	3½	·40				6	3	·36					
Frames from Uppermost Continuous Deck No. 1	9	3½	·44	9	3½	·44	9	3½	·44	9	3½	·44	7/8	5¼	6 dia. 5¼"	8	7/8
" 2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	10 8 app.	7/8
" 3	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	10 "	7/8
" 4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4½ dia.	10 "	7/8
" 5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3 15/16 for 8 rivets then 5¼	10	7/8
" 6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	" " " " "	10	7/8
" 7	10	3½	·44	"	"	"	10	3½	·44	"	"	"	"	"	" " " " "	10	7/8
" 8	10	3½	·44	"	"	"	10	3½	·44	"	"	"	"	"	3" or 3½d for 8 then 5¼	10	7/8
" 9	10	3½	·48	10	3½	·44	10	3½	·48	10	3½	·44	"	"	" " " " " " "	16	7/8
" 10	10	3½	·52	10	3½	·44	10	3½	·52	10	3½	·44	"	"	" " " " " " "	16	7/8
" 11	10	3½	·58	10	3½	·48	10	3½	·58	10	3½	·48	"	"	" " " " " " "	16	7/8
" 12				10	3½	·52				10	3½	·52	"	"	" " " " " " "	13	7/8
" 13				10	3½	·58				10	3½	·58	"	"	" " " " " " " all	13	7/8
" 14	15×4×4×·63 and ·475			15×4×4×·63 and ·475									"	"	" " " " " " " all	13	7/8
" 15																	
" 16																	
Framing from ~~Awning, Shelter or~~ Upper Deck to ~~Margin Plate.~~ CENTRE LINE BULKHEAD. (BULB ANGLES / CHANNELS)																	
Spacing of Longitudinal Frames — Amidships		30			30			30			30						
Spacing of Longitudinal Frames — At Ends	30 or under				30			30			30						
Double Bottoms ⊥, L or ⊏ — Tank Top Longitudinals																	
Double Bottoms ⊥, L or ⊏ — Bottom "																	
Spacing of Longitudinals — Amidships																	
Spacing of Longitudinals — At Ends...																	
Transverses. In Bridge 'tween Decks — Depth and Thickness	Longitudinally framed Cellar																
Transverses. In Bridge 'tween Decks — Face Angles	Transverse Framing																
Transverses. In Bridge 'tween Decks — Lugs to Shell*.....													Rivets in Lugs to Shell Diam.	Spacing			
In ~~Awning~~, ~~Shelter~~ or Upper 'tween Decks. — Depth and Thickness	18	×	·40	18	×	·40	18	×	·40	18	×	·40	7/8	3 5/16	Two Complete rows		
In ~~Awning~~, ~~Shelter~~ or Upper 'tween Decks. — Face Angles	3½	3½	·44	3½	3½	·44	3½	3½	·44	3½	3½	·44	"	"	Transverse webs increased on		
In ~~Awning~~, ~~Shelter~~ or Upper 'tween Decks. — Lugs to Shell*.....	3½	3½	·40	3½	3½	·40	3½	3½	·40	3½	3½	·40	"	"	account of sheer as below		
In Hold. — Depth and Thickness	36	46	CL ·40	36	46	CL ·40	36	46	·40	36	46	·40	-		⊠ 36" wide		
In Hold. — Face Angles OA. angle	7	3½	·48	7	3½	·48	7	3½	·48	7	3½	·48			68 - 37½		
In Hold. — Lugs to Shell* Joggled 38	6	6	·46	6	6	·46	6	6	·46	6	6	·46	7/8	3 15/16	69 - 38		
In Hold. — Brackets		·46			·46			·46			·46				71 - 39		
															72 - 39½		
Spacing of Transverse Frames				As per approved profile											74 - 40½		
* State if joggled or liners.															75 - 41		

Longitudinal Beams of ⊥, L or ⊥													Spacing.		In Ships. Plate.	In Ships. Angles.	As approved. Plate.	As approved. Angles.
	POOP ~~Bridge~~ Deck .. L	6	3	·325	6	3	·325						30 to 27	POOP	10×·38	3½×3½×·44	10×·38	3½×3½×·44
	~~Awg. or Shltr. Dk.~~													MAIN Transverse	18×·40	5" fl.	18×·40	5" fl.
	Upper "	6	3	·38	6	3	·325	6	3	·325			30 to 27	SUMMER Beams.	11×·40	3½×3½×·40	11×·40	3½×3½×·40
	Second "	8	3	·375	6	3	·325	8	3	·375			" " "		20×·40	7×3½×·48	20×·40	7×3½×·48
	Third "															OA.		OA.

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.*

5c.3.17.—T.

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The vessel is fitted for the burning of oil fuel F.P. above 150°F.

EQUIPMENT No. 41604 LETTER b7 . ANCHORS. TONNAGE U. DK. OR PLATING No. FOR TRAWLERS

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 31. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
27002	1st Bower	79	3	14				58	10	0	0	72	2	0	Byers Stockless	Not Stated	Sld 6/2/22 R. Haffner
27046	2nd "	72	3	0				55	5	0	0	72	2	0	do	do	Sld 8/3/22 "
27012	3rd "	62	0	0				49	10	0	0	62	0	0	do	do	Sld 4/2/22 "
	4th "																
	Collective weight.	214	2	14								204	0	0			
85425	Stream	21	1	19	5	1	24	22	0	0	0	20	2	0	Common	Hingley & Sons Ld	Netherton 25/11/21 H Green
	Kedge																

If Patent state Name of Patentee. If Stockless, state Mechanical Tests.

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

1st Bower Including pin 48·2·21 TP 4599 9 and 12th Jan 1922
2nd " do 44·3·0 TP 4617 19 and 26th " "
3rd " do 37·1·14 TP 4595 9 and 12th " "
4th "

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts. qrs. lbs	Length and Size per Table 31. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
13374	150	2⅜	101½	142½	433·0·7	844·1·0	300	2⅜	Stud	Not Stated	Sld 26/11/21 R. Haffner
13375	150	2⅜	"	"	436·1·7				Stud	" "	" 7/12/21 do
Iron Stream Chain or Steel Wire		Cir.						Cir.			
	120	5		59			120	5			

HAWSERS AND WARPS.

Material	Length and Size supplied. Length. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 31. Length. Fathoms.	Cir. Ins.
Towline	130	5½	41	130	5½
Hawsers & Warps	4@100 Manila	8"		4@100	8"
" "	2@90	3½	26		
" "	90	3¾	29	Extra wires	
" "	90	4	33	supplied by	
" "	90	4½	39	Owners.	

Boats 4 Lifeboats 24' and 2 Cutters 18'
Pumps, Number no hand pumps
Windlass is Emerson Walker & Thomson Bros Ld
Steering Gear, ~~Steam~~ ELECTRIC HYDRAULIC Hele Shaw Filler of unexposed rod and secondary means of steering as appl ~~**Steering Gear, Hand**~~
Diameter of Barrel ..... State whether they are in efficient working order .....
Capstan
Engine Room Skylights.—How constructed ? Steel plates and angles What arrangements for deadlights in bad weather ? Steel flaps & bull's Eyes
Coal Bunker Openings.—How constructed ? Steel plates & angles How are lids secured ? Tarpaulins & cleats Height above deck ? 30"
Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 7 scuppers each side 9 freeing ports each side 3'·6" × 1'·9"
Ceiling in Holds, thickness and material None **Cargo Battens,** thickness and material 3 × ¾ Convex Steel in foreholds
Cargo Hatchways.—How formed ? Usual construction for oil hatches **Hatches,** If strong and efficient ?
State size **No. 1 Hatch** (Forward) 9'·0" × 12'·0" ~~**No. 3**~~ MAIN OIL **Hatches** 6'·0" × 4'·0" ~~**No. 3 Hatch**~~ Sunner tank ~~**No. 4**~~ **Hatches** 6'·0" × 4'·0"
Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch One web plate in No 1 Cargo Hatchway
No fore and afters **No. of Breasthooks** On Longitudinals **No. of Crutches** Deep floors
Bulwarks, height above deck and description 4'·0" high × ·25 Steel Main Rail, material and size 6 × 3 × ·40 BA Steel
The foregoing is a correct description.
Builder's Signature (here only) Hugh Laing *Surveyor's Signature* A Pickworth.
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*)

Workmanship. Are the butts of plating planed or otherwise fitted? Yes
Is the riveted work properly closed? Yes
Are the liners between the frames and plates solid single pieces? Yes where fitted Joggled Shell Lys fitted generally Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes Do any rivets break into or through the seams or butts of the plating? A few
Are the butts of Plating, Stringers, &c., properly shifted and ~~strapped~~ ? Yes
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory.
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory.
General Remarks (State quality of workmanship, &c.)

This vessel has been built in accordance with the approved plans, the Rules and the Secretary's letters
The materials and workmanship are good.
The oil cargo tanks, coffrdams, oil fuel bunkers, and the water ballast tanks have been satisfactorily tested as required by the Rules
The vessel is fitted for the burning of oil fuel F.P above 150°F.

24 Approved plans and forging reports are forwarded herewith Please return the plans for use in connection with a duplicate vessel

Sister vessels:-
British Colonel. Sld Rpt 28108 "British Chancellor" 28223 British Counsellor Sld Rpt 28329.
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.

Freeboard £ 12. 0. 0
The amount of Entry Fee ..... £ 10: . : .
Special Survey Fee.... £ 562: 4 : 9
Travelling Expenses, if any £ : :
Fees applied for, 20 Sep 1922
Received by me, 22nd Sep 1922
in duplicate
Certificate to be sent to SUNDERLAND *Date of issue* 6/10/22.
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed ✠ 100 A.1. CARRYING PETROLEUM IN BULK FITTED FOR OIL FUEL F.P. ABOVE 150°F
With, or without Freeboard, as condition of Class without
A Pickworth.
Surveyor to Lloyd's Register of Shipping.

TUE. 26 SEP. 1922

Committee's Minute
Character assigned 100 A1 Carrying petroleum in bulk + LMC 9.22 Z.D. 0.9. Lloyds A+L.C. Freeb fixed 9.22 F.P. above 150°F.

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

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GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 113·12 ft., R.Q.D. ft., Bridge 32·3 ft., Forecastle 48 ft. (In feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated No

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (*this information is to be given as it should appear in the Register Book*) 2 Dks (stl) and web frames. Longitudinal framing.

Official No. 146629 ; Signal Letters . State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation? Inside Paint & Cement except in oil tanks Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cell. in D.B Space

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,		
Double bottom, under Engines and Boilers, wells (tested)	4·33	
Double bottom, if under Engines only,	40·0	54
Double bottom, if under Boilers only, OIL FUEL TANK	34·0	152
Double bottom, forward,		
	Total capacity of double bottom	209 ✓

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Fore peak tank,	24·0	205 ✓
After peak tank,	22·75	259 ✓
Deep tank, aft,		
Deep tank, forward,	45·0	851 ✓
Other tanks, if fitted,		
(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 74

State whether the above have been tested as required by the Rules Yes. ✓

Order for Special Survey No. 54/81

Date 15. 6. 20

No. 683 in builder's yard.

Dates of Surveys held while building: 1921. Feb. 14. 21. Mch. 7. 11. 14. 17. Apl. 1. 5. 11. 17. 22. 29. May. 6. 13. 28. June 6. 11. 30. July. 7. 8. 19. 20. 22. Aug. 8. 22. 26. 31. Sep. 2. 14. 28. Oct. 10. 12. 13. 25. 27. Nov. 7. 9. 17. 22. 25. 29. Dec. 6. 20. 23. 1922. Jan. 5. Feb. 15. 16. 18. 21. 23. 24. 27. Mch. 1. 9. 6. 7. 8. 16. 20. 23. 27. 29. Apl. 24. 27. May. 2. 10. 11. 12. 15. 16. 17. 18. 19. 22. 24. 25. 26. 27. 30. 31. June 2. 7. 8. 9. 15. 29. July. 12. 14. Aug. 1. 14. 16. 31. Sep. 7. 19

Total No. of Visits 95

Surveyor's Signature