

State if Report is sent on the Machinery of the Vessel yes

State Type (Full scantling, complete superstructure with or without Tonnage Openings) Complete Superstructure with Tonnage opening State Type of Erections

State if with freeboard } *yes*
as condition of Class }

Launched 18th Augst 1927. Yard No. 426

Length from fore part of stem to after part of stern } **L** 392.5
post on summer L.W.L. See Sec. 3 (1a) }

Builders Short Bros. Ltd

Owners *S. G. Embricos*

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

Residence *Athens*

Port of Registry *Andros*

If surveyed while building, afloat, or in dry dock

Building and afloat.

Gross Tonnage 4163.56

Register Tonnage 2439.34

Length 393.0

Breadth 52.3

Depth 24.4

Breadth (*greatest moulded*) B 52.0

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 34.83

1st Longitudinal Number (L x D).....= 13640

2nd Numeral $L \times (B + D) \dots\dots\dots = 34080$

Framing Depth "d," at middle of length. See } 23.16
Sec. 3 (1d) { with increase

Proportions—Depth to Length—Uppermost continuous deck to top of keel *depth of keel*
22.7

Do. Long Bridge to top } 11.26
of keel }

Draught Moulded (23" 10 1/2")

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	30			
" " from $\frac{1}{2}$ length to Collision bulkhead.....	24			
" " in peaks.....	24			
SIDE FRAMING.				
Frame Amidships, Angle, E or [..... (NBS.)	12	3 1/2	46	
" " Extends up to	2nd dk			
Reversed Frame Amidships, Angle				
" " Extends up to...				
Depth of Framing Girder	12			
Frames in Uppermost Continuous 'tween Decks, Angle, E or [.....	4	3 1/2	42	
" " Second 'tween Decks, Angle, [or [.....				
" " Third " " " " " "				
Framing in Peaks, Angle or [..... {Fore after	4	3 1/2	42	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	6/8	4	4 3/8	
State if Frame Joggled	NO			
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)	3 In. Stringers + frame modulus increased.			
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Single framing = to double addl. intercostals midships			
SINGLE BOTTOM.	Rule thickness of bottom shell maintained.			
Floors, Depth and thickness at mid-line in Holds				
Height of Brackets at side above base line at toe of frame				
Middle Line Keelson, on Floors, Angles, [or [.....				
" " " Through Plate or Intercostal Plate...				
" " " Foundation Plate on Floors				
" " " Flat Plate Keel Angles				
Side Keelsons, No. each side				
" " thickness of Intercostal Plate...				
" " Angles				
DOUBLE BOTTOM.				
Solid Floors, thickness and spacing	40 @ 90, 30			Owners +10 in B. Space = 60
" " Are Frame and Reversed Frame joggled?	24" x 24"			NO
Bracket Floors, breadth and thickness at middle line	2' 4 1/2" x	40		+10 in B. Space = 60.
" " breadth and thickness at margin plate.....	2' 4 1/2" x	40		do do,
Bracket Floors, Frame	BA	10	3 1/2	38
" " Reversed Frame	BA	5 1/2	3	34
" " Vertical Struts	2 BA	9	3 1/2	54
Centre Girder, depth and thickness amidships	Single	5 1/2	3	34
" " top Angles	Double	6	6	52
" " bottom Angles	Single	3 1/2	3 1/2	52
Side Girders, No. each side and thickness	Double	6	6	58
Margin Plate depth (excl. of flange) and thickness	One	4	4	58
" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	One	40		Owners. +10 = 60 U. Boilers
" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	39	52		Owners. +10 = 70 U. Boilers
" " Gussets, spacing and scantling abaft 1/2 len. from stem	3 1/2	3 1/2	42	
" " Gussets, spacing and scantling forward 1/2 len. from stem	6	6	42	
Tank Side Brackets, height above base line at toe of Frame and thickness	6	3 1/2	42	Owners +10 = 62 U. Boilers
INNER BOTTOM PLATING.				
Breadth and thickness of Middle Line Strake ...	68	4 1/2	42	Owners. +10 in B. Space = 66
Thickness of remainder in Holds	42		38	
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			
BEAMS.				
Uppermost Continuous Deck, amidships in Wells, Angle, E or [.....	6 1/2	3	38	
" " in way of Bridge, Angle, [or [.....				
Spacing		30		
Second Deck, amidships, Angle, E or [.....	4	3	36	
Spacing		30		
Third Deck, amidships, Angle, [or [.....				
Spacing				
Fourth Deck, amidships, Angle, [or [.....				
Spacing				
Poop Deck, Angle, [or [.....				
Spacing				
Bridge Deck, Angle, [or [.....				
Spacing				
Forecastle Deck, Angle, E or [.....				
Spacing				

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..... <i>Three</i>				
<i>Centre line</i> ^L <i>in</i> 'tween Decks, Size and Spacing.....	6 6 '62 5 5 '50 wide spaced.	} <i>rel plans</i>	Stringer Plate, breadth and thickness in way of Bridge	✓ ✓ ✓
<i>Quarter</i> " " " " " 8 x 8 '63-50 wide spaced.			Thickness of Plating abreast Deck openings in way of Wells	✓ 36 - 31
<i>Centre line</i> ^L <i>in</i> Holds " " " " " 7 7 '80-60 " ^{Angle} 8 8 '94-84			Thickness of Plating abreast Deck openings in way of Bridge	✓ ✓ ✓
<i>Quarter</i> " " " " " 8 8 '93-90			Thickness of Plating within line of openings...	✓ 33 - 30
Centre Line Bulkhead.			If Sheathed, material and thickness	✓ ✓ ✓
Stiffeners and Spacing.....	✓	✓	Third Deck.	
Plating, thickness of	✓	✓	Stringer Plate, breadth and thickness.....	✓ ✓ ✓
STRINGERS AND DECKS.			If Plated, state thickness.....	✓ ✓ ✓
Uppermost Continuous Deck.			Fourth Deck.	
Stringer Plate, breadth and thickness in Wells	56 1/2 x .57		Stringer Plate, breadth and thickness.....	✓ ✓ ✓
" " " " in way of Bridge	- - -		If Plated, state thickness	✓ ✓ ✓
" Angle in Wells	6 6 .57 1/2 3 1/2 3 1/2 .44	✓	Poop Deck.	
Thickness of Plating abreast Deck openings	.48 - .40	✓	Stringer Plate, breadth and thickness	✓ ✓ ✓
in way of Wells	<i>where exposed.</i> '44 - '34	✓	Plating, Sheathing, material and thickness ...	✓ ✓ ✓
Thickness of Plating abreast Deck openings	✓ - -	✓	Bridge Deck.	
in way of Bridge		✓	Stringer Plate, breadth and thickness.....	✓ ✓ ✓
Thickness of Plating within line of openings.	.42 - .38 <i>where exposed.</i> '38 - '34	✓	Plating, Sheathing, material and thickness ...	✓ ✓ ✓
If Sheathed, material and thickness	✓ ✓ ✓	✓	Forecastle Deck.	
Second Deck.			Stringer Plate, breadth and thickness.....	✓ ✓ ✓
Stringer Plate, breadth and thickness in Wells...	64 x .39	✓	Plating, Sheathing, material and thickness ...	✓ ✓ ✓

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <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.		Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.									
FLAT PLATE KEEL	<i>50½</i>	<i>.44</i>	<i>.65</i>	<i>.65</i>		<i>Double</i>	<i>1</i>	<i>3¾</i>	<i>4R to 3R</i>	<i>1</i>	<i>4</i>	<i>Capped</i>	
„ DBLG. (if any)	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
BOTTOM PLATING, No. of Strakes ...	<i>(2) 63½</i>	<i>.57</i>	<i>.48</i>	<i>.48</i>		<i>Double</i>	<i>7/8</i>	<i>3/8</i>	<i>3R Full.</i>	<i>7/8</i>	<i>3/8</i>	<i>Capped.</i>	
BILGE PLATING, No. of Strakes	<i>68½</i>	<i>.57</i>	<i>.48</i>	<i>.48</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
SIDE PLATING, No. of Strakes	<i>67½</i>	<i>.57</i>	<i>1-.46</i> <i>* 3-.52</i>	<i>.46</i>	<i>Owners.</i> <i>* F.G. + J strakes .52</i> <i>in way of Riving Strangers.</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Wells	<i>49</i>	<i>.66</i>	<i>.46</i>	<i>.46</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>4R to 3R.</i>	<i>"</i>	<i>3/2</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Bridge ...	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		<i>-</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
STRAKE BELOW Sheer-strake in Wells	<i>41</i>	<i>.57</i>	<i>.46</i>	<i>.46</i>		<i>Double</i>	<i>7/8</i>	<i>3/8</i>	<i>3R Full.</i>	<i>7/8</i>	<i>3/8</i>	<i>Capped</i>	
STRAKE BELOW Sheer-strake in Bridge ...	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		<i>-</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
POOP SIDE PLATING	<i>-</i>	<i>✓</i>	<i>✓</i>	<i>-</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
BRIDGE SIDE PLATING ...	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
FOREC'TLE SIDE PLATING	<i>✓</i>	<i>✓</i>	<i>-</i>	<i>-</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

WATER TIGHT BULKHEADS.					
Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)					
,, Deck next below					
As per Rule					
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper tween decks	✓	✓	✓	✓	✓
" " Second "	✓	✓	✓	✓	✓
" " Third "	✓	(N.B.S.) 11x3 1/2 x 48	30	✓	✓
" " Holds	✓	45x32 45x33	11x3 1/2 x 46	30 1/2	✓
" " COLLISION "	✓	(in Hold) 59x30 In Aweendk - - -	(N.B.S.) 8x3x48 6x3x38	25 1/4 25 1/4	2-5.8.8 S.B.B. & Recess
" " AFTER PEAK "	✓	40x32 40x32	6x3x38 6x3x30A	25 1/4	S.B.B. & Recess

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓	✓	✓
STEM	Rolled Sl.	9x2 5/8	Industrial St. Sld.	
STERN FRAME {	Propeller Post	Forged	10 1/2 x 7 1/2	Sld. Forge Co
	Rudder "		9 x 7 1/2	"
RUDDER—AxD	125.64	x 3.22 =	404.65	
Speed of Vessel	10 knots			
RUDDER mainpiece at head ...	Forged	9 1/2	Sld. Forge Co	
" " heel ...		7 1/4	" "	
" how constructed	Forged	arms shrunk on.		
" double or single plate	Single	1.13		
" coupling, vertical or horizontal	vertical			

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *Open hearth process,*
Messrs Bolchaw Vaughan & Co. Ltd. Cargo Fleet & Co. Ltd. Consett & Co. Ltd. Dorman Long & Co. Ltd.
South Durham & Co. Ltd.
Has the Steel been tested as required by the Rules? *yes.*

EQUIPMENT No. 34540										LETTER <i>Y</i>	ANCHORS.
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
89138	1st Bower	61	0	21	Stockless			49	0	2	14
89132	2nd "	60	0	4	"			48	10	0	0
89139	3rd "	50	2	21	"			42	16	3	14
	Collective weight	171	3	21							
89110	Stream	16	1	16	4	0	21	14	16	1	0

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.					Cir.	Length.		Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
82824	135	23/16	86 1/2	120 3/4	324	1	20				stud	N Hingley	Netherlon 9.6.24.	TOWLINE...	120	43/4	44	120	43/4
80538	195	23/16	86 1/2	120 3/4	324	0	25				link	sons.	H Green.	HAWSERS & WARPS }	2-90	23/4	15 1/2	2-90	23/4
	240	"			648	2	14								"	2-90	2 1/2	12 1/2	2-90
Stream Chain Steel Wire	90	43/4		44					90	43/4	Galv	Brown & Corbett & RS Newall 162		"					

Steering Gear, Steam *f Lynn Sons Ltd, Wilson Drive Type. + Helmotor* Steering Gear, Hand *Aux. gear, relieving tackle operated from winch. + Jacksons Rudder head brake, Steam.*

Boats *2-24 ft. life + 2-18 ft dinghy* Steering Chains, Size and Test ☒ Windlass *Emerson, Walker & Co Ltd*

Ceiling in Holds, thickness and material *2 1/2" w Pine 3" under hatches.* Cargo Battens, thickness, material and spacing *2" w Pine + 9" spacing*

Cargo Hatchways.-(Upper Deck) *Steel plates + angles.* Thickness of Hatches *2 1/2"*

Size of No. 1 Hatchway (Forward) *29'3" x 20'0"* No. 2 *30'0" x 20'0"* No. 3 *25'0" x 20'0"* No. 4 *30'0" x 20'0"* No. 5 *30'0" x 20'0"* No. 6 ☒

Number of Shifting Beams and/or Fore and Afters *5 G No. 1, 2, 4, 5 hatches, + 3 G No. 3 hatch*

For SHORT BROTHERS, LIMITED

Builder's Signature

E. W. Short
SECRETARY

GENERAL DECLARATION *This vessel has been constructed in accordance with the approved plans, the Rules and Secretary's letters. The materials + workmanship are good. The freeboard has been verified and the marks cut in on the vessel's sides. The peak tanks, double bottom tanks, have been satisfactorily tested under pressure in accordance with the rule requirements. Bulkheads, decks, tunnel, and portholes have been hosed and found satisfactory. The pumps, windlass, steering gear has been tried and found satisfactory. The approved plans (8 in W) Midship section, Profile + decks, Stern frame + Rudder, Pillars + binders, Panting arrangement. Fore end strengthening of bottom, 2nd deck hatches + doubling, alternative arrangement. Pumping, together with 4 Forging certificates and Profile + deck plan as built.*

The amount of Entry Fee £ <i>8</i> : : : : : <i>8</i> : : : : : Fees applied for, <i>7 OCT. 1927</i>	<div>I am of opinion the Vessel should be Classed <i>100. A1. with fbd.</i></div> <div>Signature <i>W. P. Hollings + A. Charlton</i> Surveyor to Lloyd's Register of Shipping.</div>
Special Survey Fee.... £ <i>283</i> : <i>4</i> : : : : : Received by me, <i>26.10.27</i>	
<i>Freeboard</i> <i>9</i> : <i>3</i> : <i>4</i> : : : : : Travelling Expenses, if any £ : : : : : <i>19</i>	

State whether the Vessel has been built under Special Survey *yes*

H + M Certificate to be sent to *SUNDERLAND* Date of issue *27/10/27*

Committee's Minute *TUES. 18 OCT 1927*

Character assigned *-1- 100 A1 with freeboard Lloyd's ascp. + Linc 9.27 cl.*

mg

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.)

Rpt. 4

Date of

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Register

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