

## STEEL STEAMER or MOTORSHIP.

Received at London Office

6 APR 1927

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 *4<sup>th</sup> April 1927*Port of *Sunderland*No. *29410*Survey held at *Sunderland*Date First Survey *1<sup>st</sup> July 1924*Last Survey *1<sup>st</sup> April*

1927

On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) *Single Screw Steamer "CORCHESTER" machinery amidships*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Collier. Full Scantling*State Type of Erections *Long raised 90 deck and forecassette*TONNAGE under Tonnage Deck... *1836.42*CLASS *#100A1.*State if with freeboard as condition of Class *no*Built at *Sunderland*Do. of space or spaces between Tonnage Dk. and ~~Lower~~ Dk. *272.59*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 284.5*Total *2109.01*Breadth (greatest moulded) *B 41.5*Gross Tonnage *2373.72*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 21.08*Register Tonnage *1335.17*1st Longitudinal Number (L x D) = *5997*2nd Numeral L x (B + D) = *17804*Framing Depth "d," at middle of length. See Sec. 3 (1d) *UD 17.50 RD 21.89*Proportions—Depth to Length—Uppermost continuous deck to top of keel *UD 13.49 RD 11.12*Do. Long Bridge to top of keel *✓*Draught Moulded *18.92*Launched *4<sup>th</sup> March 1924* Yard No. *308*Builders *E. P. Austin & Son, Ltd.*Owners *Cony Colliers, Ltd.*Managers *(Where necessary to be entered in Reg. Book.)*Residence *Fenchurch Street - E.C.*Port of Registry *London*

If surveyed while building, afloat, or in dry dock

*Building and afloat.*

## 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	28				Bracket Floors, Frame	-	-	-	
" " from 1/2 length to Collision bulkhead	24				" " Reversed Frame	-	-	-	
" " in peaks	24				" " Vertical Struts	-	-	-	
IDE FRAMING. INWAY OF UPPER DECK	9 3 50				Centre Girder, depth and thickness amidships	35		44	
Frame Amidships, Angle, <i>RD 10 1/2 3 1/2</i> 50					" " top Angles <i>single</i>	6	6	42	
" " Extends up to <i>Gunwale</i>					" " bottom Angles <i>single</i>	6	6	46	
Reversed Frame Amidships, Angle	-	-	-		Side Girders, No. each side and thickness	one		34	
" " Extends up to	-	-	-		Margin Plate depth (excl. of flange) and thickness <i>Horizontal</i>	42		42	
Depth of Framing Girder	9 10 10 11				" " Vertical Angle to Tank side	3	3	34	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>[</i> or <i>]</i>	-	-	-		" " Bracket abaft 1/2 len. from stem	3	3	34	
" " Second 'tween Decks, Angle, <i>[</i> or <i>]</i>	-	-	-		" " Vertical Angle to Tank side	3	3	34	
" " Third " " " "	-	-	-		" " Bracket forward 1/2 len. from stem	3	3	34	
Framing in Peaks, Angle <i>[</i> or <i>]</i>	6 1/2 3 325			<i>app 6 x 3 x 34</i>	" " Gussets, spacing and scantling abaft 1/2 len. from stem	none			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 5/4				" " Gussets, spacing and scantling forward 1/2 len. from stem	double angles no plate			
State if Frame Joggled	no				Tank Side Brackets, height above base line at toe of Frame and thickness	66 1/2		36	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	2 side stringers and bulk angle frames increased 2 additional half height stringers double from bottom 38 frames @ 1/2 inch				INNER BOTTOM PLATING.				
LENGTHENING OF BOTTOM FORWARD. State Particulars					Breadth and thickness of Middle Line Strake	54		50	
DOUBLE BOTTOM.					Thickness of remainder in Holds			50	
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?	Yes			
Height of Brackets at side above base line at toe of frame	-	-	-		BEAMS.				
Middle Line Keelson, on Floors, Angles, <i>[</i> or <i>]</i>	-	-	-		Uppermost Continuous Deck, amidships	8 1/2 3 1/2 42			
" " " Through Plate or Intercoastal Plate	-	-	-		" " in Wells, Angle, <i>[</i> or <i>]</i>	-	-	-	
" " " Foundation Plate on Floors	-	-	-		" " in way of Bridge, Angle, <i>[</i> or <i>]</i>	-	-	-	
" " " Flat Plate Keel Angles	-	-	-		Spacing	28			
Keelsons, No. each side	-	-	-		<i>R.Q.</i> Second Deck, amidships, Angle, <i>[</i> or <i>]</i>	8 3 44			
" thickness of Intercoastal Plate	-	-	-		Spacing	28			
" Angles	-	-	-		Third Deck, amidships, Angle, <i>[</i> or <i>]</i>	-	-	-	
DOUBLE BOTTOM.					Spacing	-	-	-	
Floors, thickness and spacing	36 28				Fourth Deck, amidships, Angle, <i>[</i> or <i>]</i>	-	-	-	
" " Are Frame and Reversed Frame joggled?	no				Spacing	-	-	-	
Bracket Floors, breadth and thickness at middle line	-	-	-		Poop Deck, Angle, <i>[</i> or <i>]</i>	-	-	-	
" " breadth and thickness at margin plate	-	-	-		Spacing	-	-	-	
					Bridge Deck, Angle, <i>[</i> or <i>]</i>	-	-	-	
					Spacing	-	-	-	
					Forecastle Deck, Angle, <i>[</i> or <i>]</i>	6 1/2 3 325			<i>app 6 x 3 x 36</i>
					Spacing	24			



## 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</b> , No. of Rows.....		one		✓	Stringer Plate, breadth and thickness in way of Bridge machinery space.....	42	48 to 52		✓
„ <i>Forecastle</i> in <del>between</del> Decks, Size and Spacing....	2 1/2 dia	48		✓	Thickness of Plating abreast Deck openings in way of Wells and Hatchways.....	64	to 48		✓
„ „ „ „ „	-	-	-	✓	Thickness of Plating abreast Deck openings in way of Bridge <del>Cannings</del> .....	32	to 34		✓
„ in Holds „ „		none		✓	Thickness of Plating within line of openings...	32	to 30		✓
„ „ „ „ „	2	-	-	✓	If Sheathed, material and thickness .....	-	-	-	
<b>Centre Line Bulkhead.</b>					<b>Third Deck.</b>				
Stiffeners and Spacing.....		none		✓	Stringer Plate, breadth and thickness.....	-	-	-	
Plating, thickness of .....				✓	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	45	82		✓	If Plated, state thickness .....	-	-	-	
„ „ „ „ in way of Bridge	-	-	-	✓	<b>Poop Deck.</b>				
„ Angle in Wells .....	6	6	68	✓	Stringer Plate, breadth and thickness .....	-	-	-	
Thickness of Plating abreast Deck openings in way of Wells .....	82	to 58		✓	Plating, Sheathing, material and thickness ...	-	-	-	
Thickness of Plating abreast Deck openings in way of Bridge .....	-	-	-	✓	<b>Bridge Deck.</b>				
Thickness of Plating within line of openings...	34	to 30		✓	Stringer Plate, breadth and thickness.....	-	-	-	
If Sheathed, material and thickness .....	-	-	-	✓	Plating, Sheathing, material and thickness ...	-	-	-	
<b>R-03</b> <b>Second Deck.</b>					<b>Forecastle Deck.</b>				
Stringer Plate, breadth and thickness in Wells...	42	64 to 36	(see plan)	✓	Stringer Plate, breadth and thickness.....	27	32		✓
					Plating, Sheathing, material and thickness ...	30 to 2 1/2	AP		✓

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>Yes.</i> 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 .....	4 1/2	.59 ✓	.55 ✓	.55 ✓	/	double	7/8	3 1/2	three	7/8	3 1/8	strapped
" DBLG. (if any)	-	-	-	-								
BOTTOM PLATING, No. } of Strakes ..... 3 }	66	.51 ✓	.40 ✓	.40 ✓	/	double	3/4	3 1/4	three	3/4	2 5/8	capped
BILGE PLATING, No. of } Strakes ..... 1 }	51	.51 ✓	.42 ✓	.44 ✓	/	double	3/4	3 1/4	3 + 2	3/4	2 5/8	- "
SIDE PLATING, No. of } Strakes ..... 3 }	59 57 54	.51 ✓	.40 ✓	.40 ✓	/	double	1-7/8 2-3/4	3 1/2 3 3/4	3 + 2	3/4	2 5/8	- "
UPPER DECK, Sheer- } strake in Wells..... }	48	.68 ✓	.40 ✓	-	/	-	-	-	4 + 3	1/8	3 1/2	capped
UPPER DECK, Sheer- } strake in Bridge ... }	-	-	-	-	/	-	-	-	-	-	-	-
STRAKE BELOW Sheer- } strake in Wells..... }	57	.56 ✓	.40 ✓	-	/	double	7/8	3 1/2	3 + 2	7/8	3 1/8	capped
STRAKE BELOW Sheer- } strake in Bridge ... }	-	-	-	-	/	-	-	-	-	-	-	-
POOP SIDE PLATING .....	-	-	-	-	/	-	-	-	-	-	-	-
RQD'S SHEERSTRAKE	55	.54 ✓	-	.40 ✓	/							
BRIDGE SIDE PLATING ...					/							
STRAKE BELOW RQD	48	.51 ✓	-	.40 ✓	/	double	7/8	3 1/2	3 1/2	7/8	3 1/8	capped
FOREC'TLE SIDE PLATING			.35		/	single	3/4	3	1	3/4	2 5/8	capped

## WATERTIGHT BULKHEADS.

## FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—						Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c).....						four		—	—	—
„ Deck next below.....						—		—	—	—
As per Rule.....						four		—	—	—
STIFFENERS.						Plating Thickness.	VERTICAL.		HORIZONTAL.	
							Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						—	—	—	—	—
„ „ Second „						—	—	—	—	—
„ „ Third „						—	—	—	—	—
„ „ Holds { Engine Room						38-32	10 1/2-3 1/2-46	30	—	—
„ „ Holds { Boiler Room						44-32	9-3-52	30	—	—
COLLISION „ (in Hold) .....						45-34	6 1/2-3-34	24	Raked + two Semi box beams	—
AFTER PEAK „ „ .....						34 to 30	7-3-36	24	Tunnies recessed Semi box beam	—
KEEL, Bar .....						—		—	—	—
STEM .....						Rolled steel 7 1/4 x 2 3/8		Industrial Steel Ltd		
STERN FRAME {						Propeller Post .....	forging 8 1/2 x 5 1/2	Sunderland Forge		
						Rudder „ „ .....	—	7 1/2 x 5 1/2	+ Eng Co Ltd	
RUDDER—A x D.....						226		—		
Speed of Vessel.....						under 10 knots		—		
RUDDER mainpiece at head ...						forging 7" dia		Sunderland Forge		
„ „ heel ...						do - 5 1/4 dia		+ Eng Co Ltd		
„ how constructed .....						arms shrunk on		main piece		
„ double or single plate .....						single		—		
„ coupling, vertical or .....						horizontal		—		
„ horizontal.....						horizontal		—		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open - hearth*  
*South Durham S.S. & Ld. Cargo Fleet, Bolckow Vaughan*

Has the Steel been tested as required by the Rules? *Yes.*



EQUIPMENT No. 18960												LETTER S				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.	Cwts.							
29619	1st Bower	39	0	0	STOCKLESS			35	2	2	0	38.75	Byers Improved Stockless	not stated	Sunderland 11/26 J.H. Butler				
29620	2nd "	38	3	0	"			34	19	1	14	38.75	"	"	" " " "				
29615	3rd "	32	2	0	"			30	13	3	0	32.5	"	"	" " " "				
	Collective weight.	110	2	0								110.0			" 11/26 " "				
40211	Stream	10	0	0	2	3	18	12	0	0	0	10.0	Common Stock	not stated	Cradley Heath 22/24 T.C. Paul				

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.	Breaking.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.
36715	240	1 3/16	59 1/2	82 3/4	405.3.0	394 3/4			240	1 3/16	Steel line	J.B. Fowler & Co.	Cradley Heath 22/24 T.C. Paul	TOWLINE	90	4	33	90	4
Leen Stream Chain or Steel Wire	75	Cir. 4 1/4	35								Steel wire				2-90	2 1/4	12 1/2	2-90	2 1/2

Steering Gear, Steam *Donkin Hos* Steering Gear, Hand *Crawford & Son*

Boats *2 life boats 11 dinghy* Steering Chains, Size and Test *1" 12 tons* Windlass *Emerson Walker, Thompson Bros Steam*

Ceiling in Holds, thickness and material *2 1/2 w.w. over timbers only* Cargo Battens, thickness, material and spacing *none*

Cargo Hatchways.—(Upper Deck) *Steel plates & angles. Side steep longitudinal bulk angle* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *36' x 25'9" x 19'6"* No. 2 *40'3" x 26'3"* No. 3 *31'0" x 26'3"* No. 4 *31' x 25'6" x 21'6"* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *Beams only. 5 in N°1, 6 in N°2, 4 in N°3 & 4*

FOR S. P. AUSTIN & SON, LIMITED.

Builder's Signature *M. D. Smith*

MANAGING DIRECTOR

GENERAL DECLARATION *This vessel has been constructed in accordance with the approved plans, the Rules and Secretary's letters. The materials and workmanship are good. The freeboard has been verified and the marks cut in on the vessels sides: The double bottom tanks, peak tanks and deep tanks in machinery space have been satisfactorily tested. The bulkheads, decks & hulls have been here tested, windlass, steering gear & pumps tried under working conditions & are found satisfactory. The approved plans (6 in N°) are forwarded herewith together with three forging certificates. List of plans. Midship Section, Profile & decks, Pumping arrangement, Deep tanks, Rudder and Riveting list, and plans as built. Midship Section, Profile & decks & deep tanks.*

*This vessel was ready for launching in February 1925 but in consequence of being unsold, remained on the stocks until March 1927. During the two years period of inactivity the surfaces were kept free of oxidation, coated, and in good condition.*

The amount of Entry Fee ..... £ *6 : 0 : 0* Fees applied for, *28 Feb 1927*

Special Survey Fee.... £ *193 : 14 : 0* Received by me, *30 Mar 1927*

*Freeboard 7.0.0*

Travelling Expenses, if any £ : : *None.*

I am of opinion the Vessel should be Classed *\* 100A1*

State whether the Vessel has been built under Special Survey *Yes* Signature *T. Shaw and for J. Dickie*

Certificate to be sent to *SUNDERLAND* Date of issue *8/4/27* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 8 APR 1927*

Character assigned *+ 100A1*

*Lloyds at CP*

*+ L.M.C. 4.27*

*cargo battens not fitted*

*CR*

*M. J.*

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



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.

	Head	Including pin			
1st Bower	22.3.24	25.3.0	KH.	4102.	13.8.26.
2nd "	22.3.21	25.2.14	MB.	2830	15.7.26
3rd "	19.3.18	22.0.0	KH.	4103	13.8.26

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ☒ ft., R.Q.D. 164.6 ft., Bridge ☒ ft., Forecastle 31.4 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated long raised quarter deck

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 dk (Stk) well dk.

Official No. 149801 ; Signal Letters \_\_\_\_\_ Is bottom of Vessel coated with cement Yes if not give particulars of composition \_\_\_\_\_

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	49	✓ 169	Fore peak tank,			105	
Double bottom, under Engines and Boilers,	34	✓ 112	After peak tank,			228	
Double bottom, if under Engines only,	-	-	Deep tank, aft,	Side tanks in Engine Room } Port Starboard	9	64	
Double bottom, if under Boilers only,	-	-	Deep tank, forward,		14	104	
Double bottom, forward,	118	303	Other tanks, if fitted,				
	Total capacity of double bottom		584		(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. 5572

Date 25.4.24

Dates of Surveys held while building

1924 July 14, 18, 24, 28, Aug 8, 15, 20, Sep 18, 24, 30, Oct 8, 9, 13, 20, 27, 29, Nov 6, 10, 18, 19, 24, 28, Dec 2, 4, 12, 17, 18, 31, 1925 Jan 9, Mar 9, 17, Dec 15, 1926 Feb 5, Apr 21, Jun 22, Oct 12, Dec 22, 1927 Feb 4, 8, 14, 17, Mar 4, 9, 15, 16, 22, 26, 28, 31, Apr 1

Total No. of Visits 50