

STEEL STEAMER or MOTORSHIP.

Received at London Office 17 JAN 1925

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 *6 June 1925*Port of *Belfast*No. *9260*Survey held at *Belfast*Date First Survey *18 Mar 1924*Last Survey *5 Jan 1925*

1925

On the *Single Screw Steamer "ANTINOUS"*

(Engines amidships)

State Type *Complete Superstructure with tonnage opening*State Type of Erections *Complete Superstructure with forecabin*TONNAGE under Tonnage Deck *4317.85*CLASS *+ 100 A1*State if with freeboard as condition of Class *yes*Built at *Belfast*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 399.5*Launched *18th Nov. 1924* Yard No. *475*Total *4317.85*Breadth (greatest moulded) *B 54.0*Builders *Horsman Clark & Co. Ltd.*Gross Tonnage *4562.93*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 36.67*Owners *New Egypt & Levant Shipping Co. Ltd.*Register Tonnage *2857.33*1st Longitudinal Number (L x D) *14,649*

Managers

2nd Numeral L x (B + D) *36,200*

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

Residence *22 Leadenhall St. London.*REGISTERED DIMENSIONS.
FEET.Length *401.6*Framing Depth "d," at middle of length. See Sec. 3 (1d) *24.50*Breadth *54.3*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.89*Depth *25.3*Do. Long Bridge to top of keel *24-6 1/4*Draught Moulded *24-6 1/4*Port of Registry *London*

If surveyed while building, afloat, or in dry dock

Building

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	<i>36</i>		Bracket Floors, Frame	<i>-</i>	
" " from 1/2 length to Collision bulkhead	<i>27 6 24</i>		" " Reversed Frame	<i>-</i>	
" " in peaks	<i>24</i>		" " Vertical Struts	<i>-</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>42 x 50</i>	
Frame Amidships, Angle, <i>E</i>	<i>8 3 1/2 46</i>		" " top Angles <i>double fore of thrust</i>	<i>3 1/2 3 1/2 42</i>	
" " Extends up to	<i>upper deck</i>		" " bottom Angles <i>double fore of thrust</i>	<i>4 4 48</i>	
Reversed Frame Amidships, Angle	<i>8 4 58</i>		Side Girders, No. each side and thickness	<i>one 36</i>	
" " Extends up to	<i>2nd deck (upper deck at bulkheads)</i>		Margin Plate depth (excl. of flange) and thickness	<i>37 x 48</i>	
Depth of Framing Girder	<i>12 1/2</i>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>3 1/2 3 1/2 42</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>8 3 1/2 46</i>		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	<i>5 5 42</i>	
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>-</i>		" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>Outer struts of tank top carried 1'-10" over tank side knees</i>	
" " Third " " " "	<i>-</i>		" " Gussets, spacing and scantling forward 1/2 len. from stem	<i>6'-0" x 36</i>	
Framing in Peaks, Angle <i>E</i>	<i>7 3 1/2 52</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>6'-0" x 36</i>	
Diameter and Spacing of Rivets through Shell Plating	<i>7/8 dia @ 5 1/2 dia throughout</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Joggled amidships</i>		Breadth and thickness of Middle Line Strake	<i>60" x 50</i>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Dup frame + RB = 12 1/2 girders 4 stringers each side 33 x 40 Panting beams at upper stringer in hold.</i>		Thickness of remainder in Holds	<i>46 + 08 under latches</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>2 plates 1K each side 3 struts each side midship thickness 6 x 6 frames on floors</i>		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>yes</i>	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>-</i>		Uppermost Continuous Deck, amidships in Wells, Angle, <i>E</i> or <i>F</i>	<i>10 3 1/2 50</i>	
Height of Brackets at side above base line at toe of frame	<i>-</i>		" " in way of Bridge, Angle, <i>E</i> or <i>F</i>	<i>-</i>	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>	<i>-</i>		Spacing	<i>every frame</i>	
" " Through Plate or Intercoastal Plate	<i>-</i>		Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>12 3 1/2 48</i>	
" " Foundation Plate on Floors	<i>-</i>		Spacing	<i>every frame</i>	
" " Flat Plate Keel Angles	<i>-</i>		Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>-</i>	
Side Keelsons, No. each side	<i>-</i>		Spacing	<i>-</i>	
" " thickness of Intercoastal Plate	<i>-</i>		Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>-</i>	
" " Angles	<i>-</i>		Spacing	<i>-</i>	
DOUBLE BOTTOM.			Poop Deck, Angle, <i>E</i> or <i>F</i>	<i>-</i>	
Solid Floors, thickness and spacing	<i>36 every frame</i>		* Spacing	<i>-</i>	
" " Are Frame and Reversed Frame joggled?	<i>Joggled amidships</i>		Bridge Deck, Angle, <i>E</i> or <i>F</i>	<i>-</i>	
Bracket Floors, breadth and thickness at middle line	<i>none</i>		Spacing	<i>-</i>	
" " breadth and thickness at margin plate	<i>-</i>		Forecastle Deck, Angle, <i>E</i> or <i>F</i>	<i>8 3 42</i>	
			Spacing	<i>alternate frames</i>	

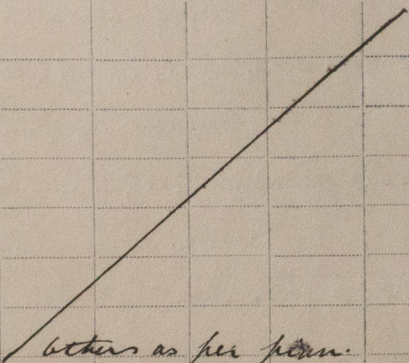
PILLARS AND DECKS.

		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>1 row in centre</i>			Stringer Plate, breadth and thickness in way of Bridge	<i>no bridge</i>		
„ in 'tween Decks, Size and Spacing.....	<i>3 1/2 dia 6 ft apart with string timber beams at hatch ends & reinforced hatch coamings in line of side corner pillars</i>			Thickness of Plating abreast Deck openings in way of Wells	<i>38</i>		
„ „ „ „ „	<i>None. centre line B.W. between hatches</i>			Thickness of Plating abreast Deck openings in way of Bridge	- - -		
„ in Holds „ „	<i>with string hatch end beams & reinforced hatch coamings in line of water corner pillars</i>			If Sheathed, material and thickness	<i>no sheathing</i>		
„ „ „ „ „				Third Deck.			
Centre Line Bulkhead.				Stringer Plate, breadth and thickness.....	- - -		
Stiffeners and Spacing <i>on alternate beams</i>	<i>8 3 46</i>			If Plated, state thickness.....	- - -		
Plating, thickness of	<i>26</i>			Fourth Deck.			
				Stringer Plate, breadth and thickness.....	- - -		
				If Plated, state thickness	- - -		
STRINGERS AND DECKS.				Poop Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness	- - -		
Stringer Plate, breadth and thickness in Wells	<i>49 1/2 x 56</i>			Plating, Sheathing, material and thickness ...	- - -		
„ „ „ „ in way of Bridge	- - -			Bridge Deck.			
„ Angle in Wells	<i>5 5 56</i>			Stringer Plate, breadth and thickness.....	- - -		
Thickness of Plating abreast Deck openings in way of Wells	<i>52</i>			Plating, Sheathing, material and thickness ...	- - -		
Thickness of Plating abreast Deck openings in way of Bridge	<i>no bridge</i>			Forecastle Deck.			
If Sheathed, material and thickness	<i>no sheathing</i>			Stringer Plate, breadth and thickness.....	<i>33 x 36</i>		
Second Deck.				Plating, Sheathing, material and thickness ...	<i>26 5a 2 1/2 P.P. sheathing</i>		
Stringer Plate, breadth and thickness in Wells...	<i>67 x 40</i>						

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>ordinary</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.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	51½	.84	.72	.72	✓	<i>II.</i>	1	4	<i>Quad full L</i>	✓ 1	3¾	✓ <i>Capped</i>	
„ DBLG. (if any)		<i>none</i>				„	7/8	3.6	<i>triple</i>	„ 7/8	3½	„	
BOTTOM PLATING, No. of of Strakes3....	83	.64	.49	.49	✓	„	„	„	„	„	„	„	
			<i>.89 from 3/8 L to coll. 1st 100'</i>										
BILGE PLATING, No. of Strakes2....	75	.64	.44	.44	✓	„	„	„	„	„	„	„	
SIDE PLATING, No. of Strakes4....	75	.64	.44	.44	✓	„	„	„	„	„	„	„	
UPPER DECK, Sheer- strake in Wells.....	79½	.64	.44	.44	✓				<i>Quad 1/2 L</i>	7/8	3½	✓	
UPPER DECK, Sheer- strake in Bridge ...													
STRAKE BELOW SHEER- strake in Wells.....													
STRAKE BELOW SHEER- strake in Bridge ...													
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...													
FORECASTLE SIDE PLATING			.36			S.	7/8	3½	S.	7/8	3½	„	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—				
Extending to Upper Deck (Sec. 3 c)		5 to 2 nd deck ✓		
Deck next below		1 to shell deck ✓		
As per Rule.		six ✓		
		STIFFENERS.		
Plating Thickness.	VERTICAL.		HORIZONTAL.	
	Scantlings.	Spacing.	Scantlings. Spacing.	
MIDSHIP BULKHEAD, Tween decks...				
"	"			"
"	"			"
"	"			"
"	"			"
"	"			"
"	"			"
"	"			"
"	"	others as per plan.		
"	✓ Holds	74... 46-26	[7x3x38 @ 30" 1 semi box b	
COLLISION	✓ (in Hold)	139.. 50-26	[7x3x38 @ 24 2 semi box b	
AFTER PEAK	✓	81.12 44-30	[8x3x44 @ 24 1 transverse & 1 semi	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		Flat-plate keel		
STEM		Roll'd steel	$8\frac{7}{8} \times 2\frac{5}{8}$	
		Below boss	$10\frac{1}{2} \times 7\frac{1}{2}$	✓
STERN		Propeller Post	above	✓
FRAME		Rudder	Forg'd ingot steel	✓
			$9 \times 7\frac{1}{2}$	
			149.6×3.61	
RUDDER—A × D		540		✓
Speed of Vessel		$10\frac{3}{4}$		✓
RUDDER mainpiece at head		Forg'd ingot steel	$10\frac{3}{8}$ dia	✓
		heel	$7\frac{3}{4}$ dia	✓
		how constructed	Forg'd with arms shrunken on	✓
		double or single plate coupling, vertical or horizontal	Single plate Vertical coupling	✓
			vertical	✓

STEEL

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture) *Port Talbot Cargo Fleet Guest*
Open Hearth Process
Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No. 36,786 LETTER Z 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.				
28516	1st Bower ...	64	0	0	Stockless			50	10	0	0	63.3.0	Agers Imp. Stockless			Std 25/10/24 Liebrecht
28516	2nd " ...	63	3	0	"			50	7	2	0	63.3.0	" " "			" " "
28500	3rd " ...	54	3	0	"			45	4	1	14	54.2.0	" " "			" 21/10/24 "
	Collective weight.	182	2	0								182.0.0				
28479	Stream	22	1	0	"			22	11	1	0	22.1.0	" " "			" 3/10/24 "

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.	Stat-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.
28013	270	2 1/4	9 1/8	127.5	691.3.0	682.1.0		270	2 1/4	Steel	Mountford & Co. Cardiff	6/11/24 Jones	S. Wire	120	4 1/2	59	120	4 1/2
											Stonbrack		S. Wire	2-90	2 3/4	15.5	2-90	2 3/4
														2-90	2 1/2	12.5	2-90	2 1/2
Iron Stream Chain or Steel Wire	90	4 3/4		47				90	4 3/4	S. Wire								

Steering Gear, Steam *Hasties gear amidships.*Steering Gear, Hand *Tackles to Winch*Boats *4*Steering Chains, Size and Test *1 1/2" dia 27 tons*Windlass *Steam (Clark Chapman & Co.)*Ceiling in Holds, thickness and material *Bilges only 2 1/2" W.P.*Cargo Battens, thickness, material and spacing *6x2 W.P. @ 9" spacing*Cargo Hatchways. (Upper Deck) *2'-6" high. Steel coamings*Thickness of Hatches *2 1/2"*Size of No. 1 Hatchway (Forward) *27x20* No. 2 *30x20* No. 3 *12x20* No. 4 *30x20* No. 5 *30x20* No. 6 *6x6*
*Longitudinal opening 6'-0"x20'-0"*Number of Shifting Beams and/or Fore and Afters *Nº1 = 5 webs 16 1/2 x 35 Nº2 = 4 x 5 = 5 webs 13 3/4 x 34 Nº3 = 1 web 16 x 36 and 1 " 13 3/4 x 34*
with double angles 4 x 3 x 4 4 lbs bottom

PRO WORKMAN, CLARK & CO., LIMITED,

Builder's Signature

ASSISTANT SECRETARY.

GENERAL DECLARATION *The workmanship and materials are good.*
This vessel has been built in accordance with the approved plans and Secretary's letters, and in conformity with the Rules for the class contemplated.
The double bottom & peaks, also dry tank, have been tested to Rule requirements.
Also decks, bulkheads, tunnel, ash shoot, Pump & W.T. Davis. Dry tank not connected with bilges. Freeboard has been verified & cut in.

The amount of Entry Fee £ 8 : 0 : 0

Fees applied for,

17-12-1924

Special Survey Fee.... £ 303 : 3 : 0

Freeboard Fee £ 10 : 0 : 0

Travelling Expenses, if any £ :

Received by me,

19/1/25

I am of opinion the Vessel should be Classed +100A1 with Freeboard

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

Signature

*W. M. Ashmole**G. D. Aisken*

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Belfast*Date of issue *19/1/25*

Committee's Minute

FRI. 9 JAN 1925

Character assigned

*100A1**with phd**Class as 100A1**+Lmb 125**C.L.*

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Lloyd's Register Foundation

W135-0218-12

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.)

The following plans are forwarded under separate cover.

Section

Profile & Decks

Painting

Strengthening of bottom

Shell expansion

Pillaring at hatches

Stem frame.

Rudders

Hatch end beams

Quadrant

Pumping

{ Preliminary Section

" Profile

3 Fozging reports

1 Letter giving owners sanction.

Not a sister vessel.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	35.1.21	MB	2114	3/10/24
	2nd "	35.1.10	"	2113	"
	3rd "	30.2.15	"	2143	"
	Stream	12.4.28	CB	5784	14/7/24

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☐ ft., R.Q.D. ☐ ft., Bridge ☐ ft., Forecastle 42 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *yes*

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 2 Dks. (S&L)

Official No. *101*; Signal Letters ☐ If bottom of Vessel has been coated Inside *yes* give particulars of composition *Cement & paint*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>& under engines</i>	154	432	Fore peak tank, <i>same</i>		
Double bottom, under Engines and Boilers, <input checked="" type="checkbox"/>			After peak tank,	21	125
Double bottom, if under Engines only, <input type="checkbox"/>			Deep tank, aft, <input type="checkbox"/>		
Double bottom, if under Boilers only, <i>Dry, 21 x 88 tons</i>	21		Deep tank, forward, <input type="checkbox"/>		
Double bottom, forward,	173	528	Other tanks, if fitted, <input type="checkbox"/>		
Total capacity of double bottom		960	(If necessary, furnish further information by sketch.) <input type="checkbox"/>		

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

348

Order for Special Survey No.

Date 31 March 1924

Dates of Surveys held while building

1924.
March 18.21 Apr. 16.17.23.25.28.29. May 8.9.13.14.16.19.20.21.23.26.28.30. June 4.13.17.
24.26. July 2.4.8.11.29. Aug 11.21. Sept. 2.8.9.11.12.15.23.24.26.29. Oct 2.3.6.7.8.9.13.14.
16.17.20.21.27.29. Nov. 5.7.10.18.20.21.26.27.28. Dec. 3.8.9.11.12.16.17.30. 1925 Jan 5

Total No. of Visits 74