

Rpt. 1.

## STEEL STEAMER or MOTORSHIP.

State if Report has been sent on the Freeboard of the Vessel *Yes*

Received at London Office. 26 MAY 1936

State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report

Survey held at *Goole*Port of *HULL*Date First Survey *22nd November 1935*Last Survey *16th May 1936*No. *46845*

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

*Steel Single Screw Motor Vessel**"ASHANTI"*

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

*Fuel Scantling*State Type of Erections *Roof, Poop & Funnel*TONNAGE under Tonnage Deck... *333.34*CLASS *+100 A1*State if with freeboard as condition of Class *No*Built at *Goole*

Do. of space or spaces between Tonnage Deck and Upper Deck.

Total

*333.34*

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

*L 175-6*Launched *Mar. 28th 1936* Yard No. *312*

Breadth (greatest moulded)

*B 27-0*Builders *Goole Shipbuilding & Repairing Co. Ltd.*

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

*D 10-5*Owners *J. E. Evans & Co. Ltd.*

Gross Tonnage

*534.15*

Register Tonnage

*273.70*1st Longitudinal Number (L x D) = *1828*2nd Numeral L x (B + D) = *6567*Managers *✓*

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

REGISTERED DIMENSIONS. FEET.

Length

*183.6*

Breadth

*27.15*

Depth

*8.05*

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

*64.0 7.2**64.0 10.7*

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

*64.0 16.8**64.0 12.6*

Draught Moulded

*10-0*Residence *112/113 Fenchurch St. London E.C.3.*Port of Registry *London*

If surveyed while building, afloat, or in dry dock

*while building & 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.
<b>FRAMES, Spacing amidships</b>	<i>21</i>		<b>Bracket Floors, Frame</b>	<i>✓</i>	
" from $\frac{3}{8}$ length to Collision bulkhead	<i>21</i>		" " Reversed Frame	<i>✓</i>	
" in peaks	<i>F 21 A. 18 1/2</i>		" " Vertical Struts	<i>✓</i>	
<b>FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<i>34" x .35</i>	
Frame Amidships, Angle <i>42° or 44°</i>	<i>4 2 1/2 26 B.A.</i>		" " top Angles	<i>3 3 .31</i>	
" Extends up to	<i>deck</i>		" " bottom Angles	<i>3 3 .35</i>	
Reversed Frame Amidships, Angle	<i>✓</i>		<b>Side Girders, No. each side and thickness</b>	<i>one 26</i>	
" Extends up to	<i>✓</i>		<b>Margin Plate depth (excl. of flange) and thickness</b>	<i>18" (minimum)</i>	
Thickness of Framing Girder	<i>4</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	<i>2 1/2 2 1/2 .27</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	<i>4 1/2 4 1/2 .32</i>	
" Second 'tween Decks, Angle, [ or ]	<i>✓</i>		" " Gussets, spacing and scantling, abaft $\frac{1}{2}$ len. from stem	<i>✓</i>	
" Third " " "	<i>✓</i>		" " Gussets, spacing and scantling, forward $\frac{1}{2}$ len. from stem	<i>✓</i>	
Spacing in Peaks, Angle, [ or ]	<i>4 2 1/2 26 B.A.</i>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<i>36 x .78</i>	
Number and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/8 4 1/2 3/4 5 1/4</i>		<b>INNER BOTTOM PLATING.</b>		
Is Frame Joggled	<i>Yes</i>		Breadth and thickness of Middle Line Strake	<i>39 x .31</i>	
<b>FRAMING ARRANGEMENTS</b> (Sec. 7), state system and particulars	<i>frames 5 x 2 1/2 x 26 B.A. 11 Strips 4 1/2 x 30 Shell plating 4 1/2 x 4 1/2 x 30 tank frames 4 1/2 x 4 1/2 x 30 frame back bars 5 1/2 x 30 WL. 3 1/2 x 3 1/2 x 30</i>		Thickness of remainder in Holds	<i>.28</i>	
<b>STRENGTHENING OF BOTTOM FOR DOUBLE BOTTOM.</b> State Particulars	<i>As per B. 375 Strakes in cr. to 375 closer riveting.</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>motor vessel</i>	
Depth and thickness at mid-line in Holds	<i>none</i>		<b>BEAMS.</b>		
Height of Brackets at side above base line at toe of frame	<i>none</i>		<b>Uppermost Continuous Deck, amidships</b>	<i>3 1/2 2 1/2 .32</i>	
Line Keelson, on Floors, Angles, [ or ]	<i>✓</i>		" " in Well, Angle, [ or ]	<i>✓</i>	
" " Through Plate or Intercoastal Plate	<i>✓</i>		" " in way of Bridge, Angle, [ or ]	<i>✓</i>	
" " Foundation Plate on Floors	<i>✓</i>		Spacing	<i>every</i>	
" " Flat Plate Keel Angles	<i>✓</i>		<b>Second Deck, amidships, Angle, [ or ]</b>	<i>✓</i>	
Keelsons, No. each side	<i>Side girders under Engines 50</i>		Spacing	<i>✓</i>	
" thickness of Intercoastal Plate	<i>✓</i>		<b>Third Deck, amidships, Angle, [ or ]</b>	<i>✓</i>	
" Angles	<i>✓</i>		Spacing	<i>✓</i>	
<b>DOUBLE BOTTOM.</b>			<b>Fourth Deck, amidships, Angle, [ or ]</b>	<i>✓</i>	
Solid Floors, thickness and spacing	<i>.27 every</i>		Spacing	<i>✓</i>	
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>		<b>Poop Deck, Angle, [ or ]</b>	<i>5 2 1/2 .32</i>	
Bracket Floors, breadth and thickness at middle line	<i>✓</i>		Spacing	<i>alternate</i>	
" " breadth and thickness at margin plate	<i>✓</i>		<b>Bridge Deck, Angle, [ or ]</b>	<i>✓</i>	
			Spacing	<i>✓</i>	
			<b>Forecastle Deck, Angle, [ or ]</b>	<i>4 1/2 2 1/2 .32</i>	
			Spacing	<i>4 1/2 2 1/2 .26 every</i>	



## PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>		
" in 'tween Decks, Size and Spacing.....	<i>File 2" dia.</i>	
" " " " "	<i>Ports 2' x</i>	
" in Holds " " "	<i>Deep knees every 4<sup>th</sup> frame; in line.</i>	
" " " " "	<i>Channel pillars at Hatch Ends.</i>	
<b>Centre Line Bulkhead.</b>		
Stiffeners and Spacing.....	✓	
Plating, thickness of .....		
<b>STRINGERS AND DECKS.</b>		
<b>Uppermost Continuous Deck.</b>		
Stringer Plate, breadth and thickness in Wells.....	<i>72 x .506 : 36 .60 at Break of R.D.K.</i>	
" " " " in way of Bridge.....	✓	
" Angle in Wells.....	<i>33 33 .50 U.B.H. 33 33 .35 R.D.K.</i>	
Thickness of Plating abreast Deck openings) in way of Wells.....)	✓	
Thickness of Plating abreast Deck openings) in way of Bridge.....)	✓	
Thickness of Plating within line of openings....	<i>.28</i>	
If Sheathed, material and thickness .....	<i>None</i>	
<b>Second Deck.</b>		
Stringer Plate, breadth and thickness in Wells.....	<i>72 x .35 - .28 .40 at Port Break.</i>	
Stringer Plate, breadth and thickness in way of Bridge.....		
Thickness of Plating abreast Deck openings) in way of Wells.....)		
Thickness of Plating abreast Deck openings) in way of Bridge.....)		
Thickness of Plating within line of openings....		
If Sheathed, material and thickness .....		
<b>Third Deck.</b>		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness.....		
<b>Fourth Deck.</b>		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness .....		
<b>Poop Deck.</b>		
Stringer Plate, breadth and thickness .....	<i>16 x .26</i>	
Plating, Sheathing, material and thickness ...	<i>5 x 2 1/2 Oregon Pine</i>	
<b>Bridge Deck.</b>		
Stringer Plate, breadth and thickness.....		
Plating, Sheathing, material and thickness ...		
<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness.....	<i>.26</i>	
Plating, Sheathing, material and thickness ...	<i>.26</i>	

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.							
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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 .....	38	.43	.43	.43	app. .43 - .39	Single	3/4		3 to 2	3/4	2 5/8	Strapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes .....		.34	.30	.30		"	5/8		2	5/8	2 1/4	Lapped	
BILGE PLATING, No. of Strakes .....		.34	.30	.30		"	5/8		2	5/8	"	"	
SIDE PLATING, No. of Strakes .....		.34	.30	.30		"	5/8		2	5/8	"	"	
UPPER DECK, Sheer-strake in Wells .....	46	.60	.30	.30		"	7/8		4 to 2	7/8	3 1/8 to 2 3/4	"	
UPPER DECK, Sheer-strake in Bridge .....	46	.43	.30	.30		"	5/8		3 to 2	5/8	do	"	
STRAKE BELOW Sheer-strake in Wells .....		.40	.30	.30		"	5/8		3 to 2	5/8	2 1/4	"	
STRAKE BELOW Sheer-strake in Bridge .....	44	.40	.30	.30		"	5/8		3 to 2	5/8	do	"	
POOP SIDE PLATING .....				.25		"	5/8		1	5/8	2 1/4	Lapped & Strapped	
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING		.25				"	5/8		1	5/8	2 1/4	Lapped.	

## 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)	3.					
„ Deck next below						
As per Rule	3.					

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
„ „ Second „					
„ „ Third „					
„ „ Holds	26	.32	6x3x.30L	30"	
COLLISION „ (in Hold)	91	.32	6x3x.28L	24"	
AFTER PEAK „	516	.50	5x22x.36L	24"	

KEEL, Bar		Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	1				
STEM	Roller	6x1/8			
STERN FRAME	Propeller Post	Iron	5 1/2 x 3	Lytham S. & Co.	
	Rudder	Forging	5 1/2 x 3		
RUDDER—A x D					
Speed of Vessel					
RUDDER mainpiece at head					
„ „ heel					
„ how constructed					
„ double or single plate					
„ coupling, vertical or horizontal					

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth process*

Uppleby - Frodingham I. Co. Consett I. Co. So. Durham S. & I. Co. D. Roy & Co.  
Killingworth I. Co. Elys Fleet I. Co.

Has the Steel been tested as required by the Rules?







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 have been approved copies are in the London Office:—

Midship Section

Profile & Deck

Oil Fuel Bunker

Stem Frame & Rudder

Pumping Arrangements

Stem Tube and Shafting

Engine Room Bilge & Ballast Piping

Daily Service Tank

Steel Masts

MacGregor-Williamson Patent Steel Hatch Covers.

The following are enclosed herewith:—

Joining Report

Steel Invoices

Amended Profile plan showing

re-numbering of frames

Steering chain test certificate

The anchors now on board this vessel may be exchanged for anchors of another type at an early date. (See M. 13/5/36). The certificates for the present anchors have been endorsed with the Ship's name etc as the alternative anchors had not arrived before the vessel's departure from Foul.

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

1st Bower

7-1-17; R.L.; 3968; 27/9/35.

2nd "

7-2-4; R.L.; 3970; 27/9/35.

3rd "

6-3-5; R.L.; 3971; 27/9/35.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 42.6 ft., R.Q.D./100.25 ft., Bridge ✓ ft., Forecastle 17.5 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1816 (Stl)

Official No. 164 622 Signal Letters Is bottom of Vessel coated with cement Yes if not give particulars of composition ✓

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	56.0	93	Fore peak tank,	17.0	54
Double bottom, under Engines and Boilers,	✓		After peak tank,	14.0	41
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward,	57.7	87	Other tanks, if fitted,	✓	
Total capacity of double bottom	113.7	180	(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. 3084

Date 22nd Nov. 1935

Dates of Surveys held while building

1935:— Nov. 22. 26 Dec. 2. 13. 18. 19. 30.

1936:— Jan. 6. 13. 16. 22. 29. 31. Feb. 3. 6. 11. 14. 19. 25.

Mar. 2. 5. 11. 13. 16. 20. 24. 26. 27. 28. Apr. 15. 16. 20. 22. 24. 30. 30.

May 4. 5. 5. 4. 9. 15. 16.

Total No. of Visits 43