

STEEL STEAMER or MOTORSHIP.

15 JAN 1930

Received at London Office

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YES. (FROM SUNDERLAND)Date of completion of report 13TH JANUARY 1930 Port of MIDDLESBROUGHNo. 13936Survey held at HAYERTON HILL - ON - TEES Date First Survey 29th January 1929 Last Survey 7th January 1930On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE S.S. "HADLEIGH"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENING AFT.State Type of Erections FORECASTLETONNAGE under Tonnage Deck... 4819.45 CLASS + 100 A.I. State if with freeboard as condition of Class YESBuilt at HAYERTON HILL - ON - TEES

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 405.00Launched 14TH NOV. 1929 Yard No. 150Total 4819.45Breadth (greatest moulded) B 55.75Builders FURNESS S.B. C. L.Gross Tonnage 5221.93Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 37.41Owners ATLANTIC SHIPPING & TRADING CO. LTD.Register Tonnage 3151.561st Longitudinal Number (L x D) = 15151

Managers

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

2nd Numeral L x (B + D) = 37729Residence CARDIFF

REGISTERED DIMENSIONS.

FEET.

Length 406.3Framing Depth "d," at middle of length. See Sec. 3 (1d) CORRECTED 25.58Breadth 56.0Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.68Depth 26.9Do. Long Bridge to top of keel 25.63Draught Moulded 25.63Port of Registry LONDON

If surveyed while building, afloat, or in dry dock

WHILE BUILDING & T 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	<u>3 1/2</u>		Bracket Floors, Frame	<u>7 * 3 1/2 * 33 B.A.</u>	
" " from 3/4 length to Collision bulkhead	<u>27</u>		" " Reversed Frame	<u>6 1/2 * 3 * 325 B.A.</u>	
" " in peaks	<u>24</u>		" " Vertical Struts	<u>10 * 3 1/2 * 3 1/2 * 42 CH.</u>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<u>43 * 56 * 46</u>	
Frame Amidships, Angle, [<u>15 * 41 * 4 * 4 * 625 CH.</u>			" " top Angles <u>DOUBLE 3 1/2 * 3 1/2 * 54</u>		
" " Extends up to <u>2ND DK.</u>			" " bottom Angles <u>DOUBLE 4 * 4 * 6</u>		
Reversed Frame Amidships, Angle <u>CHANNEL FRAMING</u>			Side Girders, No. each side and thickness	<u>ONE 138</u>	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	<u>44 * 52</u>	
Depth of Framing Girder <u>15</u>			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<u>6 * 6 * 42</u>	
Frames in Uppermost Continuous 'tween Decks, Angle, [<u>6 * 3 1/2 * 3 B.A. N.B.S. 36 IN BUNKERS</u>			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	<u>6 * 6 * 42</u>	
" " Second 'tween Decks, Angle, [<u>✓</u>			" " Gussets, spacing and scantling abaft 1/2 len. from stem	<u>6 * 6 * 42 EVERY FRAME</u>	
" " Third " " " " <u>✓</u>			" " Gussets, spacing and scantling forward 1/2 len. from stem	<u>6 * 6 * 42 EVERY FRAME</u>	
Framing in Peaks, Angle, [<u>7 1/2 * 8 1/2 * 4 B.A.</u>			Tank Side Brackets, height above base line at toe of Frame and thickness	<u>76 * 47</u>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships <u>7/8 5 1/4</u>			INNER BOTTOM PLATING.		
State if Frame Joggled <u>NO</u>			Breadth and thickness of Middle Line Strake	<u>69 * 52 * 44</u>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars <u>15 * 48 * 4 * 4 * 625 C FRG 3 SIDE STRINGERS & 3 ROWS OF BEAMS IN FORE PEAK.</u>			Thickness of remainder in Holds	<u>44 * 40</u>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars <u>MIDSHIP THICKNESS OF A.B. - C. STRAKES MAINTAINED TO RULE POSITION OF COLL. B.H. CLOSE SPACED INTER 7 * 6 * 42 FRAMES</u>			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? <u>YES.</u>		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [<u>8 1/2 * 3 * 404 B.A. N.B.S. 8 * 3 * 41 B.A. N.B.S.</u>		
Height of Brackets at side above base line at toe of frame			" " " of Bridge, Angle, [<u>3 1/2</u>		
Middle Line Keelson, on Floors, Angles, [or [Spacing	<u>3 1/2</u>	
" " " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, [or [<u>9 * 3 1/2 * 38 B.A. N.B.S.</u>	
" " " Foundation Plate on Floors			Spacing	<u>3 1/2</u>	
" " " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or [
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, [or [
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [
Solid Floors, thickness and spacing	<u>38 9 1/2</u>		Spacing		
" " Are Frame and Reversed Frame joggled?	<u>NO</u>		Bridge Deck, Angle, [or [
Bracket Floors, breadth and thickness at middle line	<u>24 * 38</u>		Spacing		
" " breadth and thickness at margin plate	<u>24 * 38</u>		Forecastle Deck, Angle, [or [<u>8 * 3 * 35 B.A. N.B.S. 7 * 3 * 34 B.A. N.B.S.</u>	
			Spacing	<u>27 * 24</u>	

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.....	✓ 1 ROW 2 1/2 DIA IN FILE		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells	✓ 36	
„ „ „ „ „	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „	✓ CENTRE LINE BULKHEAD		Thickness of Plating within line of openings...	✓ 34	
„ „ „ „ „	✓		If Sheathed, material and thickness		
Centre Line Bulkhead.	5*3*3 O.A. IN 'TWEEN DECK		Third Deck.		
Stiffeners and Spacing.....	11*3 1/2*48 B.A. 63" APART TO 7*3*38 B.A. N.B.G.		Stringer Plate, breadth and thickness.....		
Plating, thickness of	30 26 IN 'TWEEN DECKS		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	77*46 TO 42		If Plated, state thickness		
„ „ „ „ in way of Bridge			Poop Deck.		
„ Angle in Well	6*6*56 TO 3 1/2*3 1/2*42		Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	46		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	38*36		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	5*3 PP. N. WAY OF ACCOMMODATION		Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	77*40 TO 34		Stringer Plate, breadth and thickness.....	35*36	
			Plating, Sheathing, material and thickness ...	34 50 UNDER WINDLASS.	

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>YES</i>			BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.	
	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	49 1/2	78	68	68		DOUBLE	7/8	3 1/2	4 TO 3	1	4*3 1/2
„ DBLG. (if any)	✓					✓					
BOTTOM PLATING, No. of Strakes 3	88 1/2	60	60	52		DOUBLE	7/8	3 1/2	3	7/8	3 1/2
BILGE PLATING, No. of Strakes 1	78		53	54		„	„	„	„	„	„
SIDE PLATING, No. of Strakes 4	58 1/2		46	48		„	„	„	„	„	„
UPPER DECK, Sheer-strake in Wells.....	76 1/2			46		„	„	„	„	„	„
UPPER DECK, Sheer-strake in Bridge ...	82 1/2	67	46	46					4 TO 3	7/8	3 1/2*3 1/2
STRAKE BELOW Sheer-strake in Wells.....	✓										
STRAKE BELOW Sheer-strake in Bridge ...	67 1/2	60	46	46		DOUBLE	7/8	3 1/2	3	7/8	3 1/2
POOP SIDE PLATING	✓										
BRIDGE SIDE PLATING ...	✓										
FORECASTLE SIDE PLATING			42			SINGLE	3/4	3	1	3/4	2 1/8

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	6
Extending to Upper Deck (Sec. 3 c)	1
„ Deck next below	5
As per Rule	6

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
„ „ Second	✓				
„ „ Third	3	B.A. 12*3 1/2*45 N.B.S.			
„ „ Holds	39-26	28 1/2			
COLLISION „ (in Hold)	153-53-28	10*3 1/2*4 B.A. N.B.S. 24\"			
AFTER PEAK „ „	8-10	43-30 TO 6*3*34 O.A. 7\"			

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				FLAT PLATE KEEL
STEM				ROLLED BAR 10*244 FRODINGHAM.
STERN FRAME { Propeller Post				FORGING 10 1/2*7 1/8 CALEDONIAN FORGE
{ Rudder				9*7 1/8
RUDDER—A x D.....				
Speed of Vessel.....				10 KNOTS
RUDDER mainpiece at head				8 3/4-11 1/2\"
„ „ heel				9 1/4
„ how constructed				TWIN TYPE BALANCED RUDDER
„ double or single plate coupling, vertical or horizontal.....				ARMS SHRUNK IN & KEYED TO MAIN PIECE
				1\"
				90*87
				VERTICAL

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	OPEN HEARTH BASIC
	CARGO FLEET, SOUTH DURHAM, DORMAN LONG & CO.	CONSETT
	FRODINGHAM.	
	Has the Steel been tested as required by the Rules?	YES

EQUIPMENT No. 38468										LETTER A +		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.			
91016	1st Bower ...	69	1	14	STOCKLESS			53	10	0	0	68	BYERS TYPE		NETHERTON 9-8-29 H. GREEN.
91005	2nd „ ...	68	2	18	D:			53	1	3	14	68	D:		D: 8-8-29 D:
91004	3rd „ ...	58	3	7	D:			47	13	3	0	58½	D:		D: 8-8-29 D:
	Collective weight.	196	3	11								194½			
91084	Stream	19	0	24	5	0	17	20	1	3	14	19	ORDINARY		N. HINGLEY & SONS NETHERTON 31-8-29 J. WELLS
44640	KEDGE	8	0	2	2	0	12	10	2	2	0		D:		FELLOW & SONS CRADLEY HEATH 25-7-29 L. E. PAUL
															CHAIN CABLES
															HAWSEERS AND WARPS.

CHAIN CABLES.

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.	Tons.	Length. Cir.
85573	135 2½	964 134½	361-0-2	720			STUD N. HINGLEY & SONS NETHERTON 29-8-29 J. WELLS			WIRE	120 4¾	655	120 5½
85580	135 2½	964 134½	362-2-11				STUD D:	D: 13-9-29 H. GREEN		HAWSERS & WARPS	4c90 3	18 { 2c90 2½	2c90 2½
	270		23-2-13								2c90 8	MANILLA HAWSER	
Iron Stream	90 4½	59				90 5	4.55N.				4c90 7	D: WARP	
Steel Wire													

Steering Gear, Steam *DOCKIN & CO.* Steering Gear, Hand *BLOCKS & TACKLE LED TO WINCH.*
Boats *2 LIFEBOATS 1 DINGHY* Steering Chains, Size and Test *18" DIA. 22 5/8 TONS.* Windlass *CLARK CHAPMAN & CO. L.*
Ceiling in Holds, thickness and material *NONE* Cargo Battens, thickness, material and spacing *6" x 2" N.W. 9" APART.*
Cargo Hatchways. (Upper Deck) *STEEL COAMINGS 3½" x 44* Thickness of Hatches *3" SHELTER DK. 3" 2" DK.*
Size of No. 1 Hatchway (Forward) *27'0" x 28'0"* No. 2 *28'0" x 20'0"* No. 3 *28'0" x 20'0"* No. 4 *28'0" x 20'0"* No. 5 *28'0" x 20'0"* No. 6 *28'0" x 20'0"*
Number of Shifting Beams and/or Fore and Afters *5 IN EACH HATCH* *4" SHELTER DK.*

W. H. HINNESS SHIPBUILDING CO. LIMITED

Builder's Signature

John G. Gorman

DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *NO* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *NO* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans, the Surveyor's letters of date Feb to July, and in general conformity with the Rules & Regulations for the class contemplated. The materials & workmanship are good. All double bottom tanks, fore & after peak tanks, watertight bulkheads, decks, shaft tunnel, etc. etc. and watertight doors have been tested to Rule Requirements with satisfactory results. The winches, windlass, steam steering gear, together with blocks & tackle for secondary means of steering have been tested under working conditions and found satisfactory. Cargo battens are fitted in shelter tween decks. The assigned freeboard has been cut on the vessel's sides and verified. The joining reports together with plans of ship's section & profile & decks & hull are enclosed herewith. The approved plans mentioned overleaf are enclosed herewith.

The amount of Entry Fee £ *9 : 0 : 0* Fees applied for, *14 Jan 1930*
Special Survey Fee.... £ *330-11-0* Received by me, *1-2-30*
FREEBOARD *9-3-4*
Travelling Expenses, if any £ : : *1-2-30*

I am of opinion the Vessel should be Classed *+ 100 FT.*
WITH FREEBOARD.

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

Signature *W. Richter & John H. Stokes.*
Surveyors to Lloyd's Register of Shipping.

Certificate to be sent to *MIDDLESEX ROAD* Date of issue *8/2/30.*

Committee's Minute *TUE. 21 JAN 1930*

Character assigned *+ 100 FT.*

write Sx.

With freeboard

Lloyd's ar. C. + dmb. 1.30. 30, CL

ML



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Lloyd's Register Foundation

W178-0057 2/2

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.)

List of Plans. Whirlship Section, Profile and Deck, Stern frame and ladder, Modification to Rudder Arm "H", Deck Sides, Pile and Hatch end beams, painting stringers and w.t. flat forward. Typical Arrangement of D.H. Sides at Hatch end. After Body bulkheads, Tunnel Stepping, Second deck in way of Pocket bunker. Stepping on Centre division at Hatch end, Manhole in fore peak bulkhead, Web frame in machinery space, Quadrant & tiller fittings, Green air Scaffolds, Deckhouses, Masts, Scheme of Riveting.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	38 CHRS.	3 QRS.	15 LBS.	H.K.	91016	31-1-29.
	2nd "	38 CHRS.	1 QR.	16 LBS.	R.H.	91005	25-7-27
	3rd "	32 CHRS.	2 QRS.	15 LBS.	A.L.	91004	30-4-29

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle **32.5** ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated **SHELTER DECK.**

No. and Material of Decks (this information is to be given as it should appear in the Register Book) **1 DK. (STL) + SHELTER DK. (STL)**

Official No. ; 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,	13.4	112.87	Fore peak tank,	20.5	139
Double bottom, under Engines and Boilers,			After peak tank,	14.0	104
Double bottom, if under Engines FEED WATER	21.0	104	Deep tank, aft,		
Double bottom, if under Boilers DRY TANK.	18.4	852	Deep tank, forward,		
Double bottom, forward,	187.87	1387	Other tanks, if fitted,		
Total capacity of double bottom		1387	(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. 1450

Date 12 Feb/29

Dates of Surveys held while building

1929: Jan 29, Feb 4, 7, 11, 14, 19, 21, Mar 1, 4, 6, 12, Apr 10, 20, 30, May 2, 9, 16, 25, 27, 30, June 4, 7, 12, 14, 19, 26, July 1, 9, 16, 24, 31, Aug 7, 12, 29, Sep 4, 5, 9, 11, 16, 23, 28, 26, 27, 30, Oct 2, 7, 11, 17, 18, 22, 28, 29, 30, 31, Nov 1, 13, 14, 15, 16, Dec 18, 20, 1930: Jan 3, 7.

Total No. of Visits 64