

3 Decks.

## IRON OR STEEL STEAMER.

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

Received at London Office

THUR. 15 MAY 1902

Date of completion of report 14<sup>th</sup> May 1902

Port of WEST HARTLEPOOL

Survey held at West Hartlepool

Date, First Survey 19<sup>th</sup> August, 1901Last Survey 7<sup>th</sup> May, 1902

On the Steel Steamer "EGYPTIANA" "RAPALLO."

Rig Schooner

TONNAGE under 4910.34

THREE DECKED VESSEL.

Master Schumacher

Tonnage Deck... 56.11

CLASS 100A1.

Year of appointment (1) As Master in service of owner of present vessel: 18- (2) As Master of this vessel: 18-

Do. between Tonnage Dk. and 3rd and 4th Dk. 52.94

Half Breadth (moulded) 25.87

Built at West Hartlepool.

Do. of Poop 56.11

Depth from upper part of Keel to top of Upper Deck Beams (with the normal round up of beam) 33.21

When built 1902 Launched 12<sup>th</sup> March.

Do. of Bridge House 52.94

Girth of Half Midship Frame (as per Rule) 54.33

By whom built Furness, Withy &amp; Co. Ltd.

Do. of Forecastle 52.94

deduct 7 feet 113.41

Owners British Maritime Trust Ltd.

Do. of Houses on Dk. 52.94

1st Number 106.41

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

Do. of excess of Hatchways 1.37

Length on deck from after part of stem to fore part of stern post 395.08

Residence London

Do. above Crown of Engine Room 5140.54

2nd Number 423.60

Port belonging to West Hartlepool.

Gross Tonnage 5140.54

Proportions—Breadth to Length 1.69

Less Crew Space 119.14

Depth to Length—Upper Deck to top of Keel 11.99

Less above Crown of Engine Room 5021.35

Main Deck ditto 15.76

For Fees 1644.97

Destined Voyage Hamburg to load If Surveyed while Building, Afloat, or in Dry Dock Yes

Navigation Spaces 60.88

er Tonnage 3315.50

on Beam 3315.50

TH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
Rule	395	1	Moulded	51	9	Do.	do.	29	4 1/2	Two
						Do.	do.	21	5	No. of Tiers of Beams Three

ons of Ship per Register, Length 400.5 breadth 52.1 depth 29.3. Moulded depth, ft. 32 ins. 1 1/2 To Upper Dk. Round of Upper Dk. Beam, Actual 13 ins.

FRAMING.				FORGINGS or CASTINGS.			
Inches in Ship	Inches in Ship	16ths in Ship	20ths in Ship	Inches in Ship	Inches in Ship	16ths in Ship	20ths in Ship
E, Angles, or 7, 8, 10 Bars for 1/2 length amidships				KEEL, Bar or Side Plates, depth and thickness			
1/2 at each end	1/2	3 1/2	13	11 1/2	3 1/2	11 1/2	3 1/2
in way of Double Bottoms at Solid Floors	1/2	3 1/2	12	11 1/2	7 1/2	11 1/2	7 1/2
" " at intermdt. Bkts.	1/2	3 1/2	12	10	10	10	10
6 of Frames from moulding edge to ding edge, all fore and aft	1/2	3 1/2	12	10	10	10	10
USED FRAME, Angles	1/2	3 1/2	12	10	10	10	10
FRAMING, depth of girder	1/2	3 1/2	12	10	10	10	10
RS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	1/2	3 1/2	12	10	10	10	10
in way of Engines and Boilers	1/2	3 1/2	12	10	10	10	10
thickness at the ends of vessel	1/2	3 1/2	12	10	10	10	10
depth at 1/2 the half breadth, as per Rule	1/2	3 1/2	12	10	10	10	10
height extended at the Bilges	1/2	3 1/2	12	10	10	10	10
RS & BRACKETS in Cell Dble Bottoms	1/2	3 1/2	12	10	10	10	10
" Distance apart	1/2	3 1/2	12	10	10	10	10
IE GIRDER, in Double bottom, depth and thickness	1/2	3 1/2	12	10	10	10	10
" Angles, Top	1/2	3 1/2	12	10	10	10	10
" Bottom	1/2	3 1/2	12	10	10	10	10
GIRDERS, number on each side & thickness	1/2	3 1/2	12	10	10	10	10
" Angles	1/2	3 1/2	12	10	10	10	10
IN PLATE, depth (exclusive of flange) and thickness	1/2	3 1/2	12	10	10	10	10
" Angles to Outside Plating	1/2	3 1/2	12	10	10	10	10
BOTTOM PLATING, breadth and thickness of Middle Line Strake	1/2	3 1/2	12	10	10	10	10
" " in Engine and Boiler space	1/2	3 1/2	12	10	10	10	10
" " Remainder in Holds	1/2	3 1/2	12	10	10	10	10
S, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	1/2	3 1/2	12	10	10	10	10
Angles on upper edge	1/2	3 1/2	12	10	10	10	10
Average space	1/2	3 1/2	12	10	10	10	10
S, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	1/2	3 1/2	12	10	10	10	10
Angles on upper edge	1/2	3 1/2	12	10	10	10	10
Average space	1/2	3 1/2	12	10	10	10	10
S, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	1/2	3 1/2	12	10	10	10	10
Angles on upper edge	1/2	3 1/2	12	10	10	10	10
Average space	1/2	3 1/2	12	10	10	10	10
S, Hold, or Orlop, Plate or Tee Bulb	1/2	3 1/2	12	10	10	10	10
Angles on upper edge	1/2	3 1/2	12	10	10	10	10
Average space	1/2	3 1/2	12	10	10	10	10
S, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	1/2	3 1/2	12	10	10	10	10
Angles on upper edge	1/2	3 1/2	12	10	10	10	10
Average space	1/2	3 1/2	12	10	10	10	10
S, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	1/2	3 1/2	12	10	10	10	10
Angles on upper edge	1/2	3 1/2	12	10	10	10	10
Average space	1/2	3 1/2	12	10	10	10	10
S, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	1/2	3 1/2	12	10	10	10	10
Angles on upper edge	1/2	3 1/2	12	10	10	10	10
Average space	1/2	3 1/2	12	10	10	10	10
RS, In 'tween Deck, size and spacing	1/2	3 1/2	12	10	10	10	10
" Hold	1/2	3 1/2	12	10	10	10	10
Quarter 'tween Dks.,	1/2	3 1/2	12	10	10	10	10
" in Hold	1/2	3 1/2	12	10	10	10	10
WEB-FRAMES, In Fore Body, No. and spacing	1/2	3 1/2	12	10	10	10	10
" " brdth. & thickness	1/2	3 1/2	12	10	10	10	10
" " No. of Side Stringers	1/2	3 1/2	12	10	10	10	10
WEB-FRAMES, In E. & B. Space, No. & spacing	1/2	3 1/2	12	10	10	10	10
" " brdth. & thickness	1/2	3 1/2	12	10	10	10	10
WEB-FRAMES, In After Body, No. and spacing	1/2	3 1/2	12	10	10	10	10
" " brdth. & thickness	1/2	3 1/2	12	10	10	10	10
" " No. of Side Stringers	1/2	3 1/2	12	10	10	10	10
" " Size of Angles or Tee Bars to Web-Frames	1/2	3 1/2	12	10	10	10	10
BRACKET PLATES to Stringers between Web Frames, depth and thickness	1/2	3 1/2	12	10	10	10	10



**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		RIVETING.				BUTTS.							
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		FORWARD.		AFT.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.
FLAT PLATE KEEL	48	20	14	14	48	20	48	20	48	20	48	20	48	20	48	20	48	20
Carboard or A Strake	51	15	13	13	51	15	51	15	51	15	51	15	51	15	51	15	51	15
Double Bottom		12	10	10		12		12		12		12		12		12		12
C																		
D																		
E		13				13												
F																		
G																		
H																		
J																		
K																		
L																		
M																		
N																		
O																		
P	44				44													
Q																		
R																		
DOUBLING of Flat Plate Keel	Compensated for as approved.																	
Length of Bilges																		
Thickness of Sheerstrakes																		
Thickness of Strake below																		
Port Sides	9	7	7		9	7	7		9	7	7		9	7	7		9	7
Starboard Sides	12	8	8		12	8	8		12	8	8		12	8	8		12	8
FORECASTLE SIDES																		

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. *Mild steel.*

South Durham S. & G. Co., Palmers, Corbett & Dalzell

Iron, South Durham S. & G. Co., J. Hill & Co.

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

FRAMES extend in one length from *Tank side* to *gunwale*. (Floors flanged in double bottom.)

REVERSED FRAMES on floors and frames extend from *Tank side*; double on floors in machinery space.

**MASTS, SPARS, &c.**

Material.	Total Length.	DIAMETER AND THICKNESS.		No. of Plates in round.	ANGLES.		RIVETING.	
		At Partners.	Heel.		Number.	Size.	Seams.	Butts.
Fore	52-0	21 x 3/8	10 1/2 x 3/8	14 1/2 x 3/8	1/4	1/4	1/4	1/4
Main	53-2	21 x 3/8	10 1/2 x 3/8	14 1/2 x 3/8	1/4	1/4	1/4	1/4
Mizen								

Topmasts, Yards and Remainder of Spars *Pitch pine*

Rigging, Material and Size, Shrouds *Sailor's wire 1"*

Sails. *One* Suit of Sails, and the following spare sails *Stay 4 1/2. Main 4 1/2.*

**EQUIPMENT No. 5094 LETTER 2**

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 22.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.			
490	1st Bower	63	3	0	63	3	0	50	7	2	0	Baynes Patent
491	2nd "	63	1	7	63	1	7	50	5	0	0	"
487	3rd "	54	1	0	54	1	0	44	13	0	14	"
	4th "											"
	Collective weight	181	1	7	181	1	7	138	1	0	0	"
17997	Stream	19	0	21	19	0	21	16	14	1	14	Common
16715	Kedge	7	2	14	7	2	14	9	15	3	21	"

*The Rule tests on these cast steel anchors have been verified by W. Campbell.*

**CHAIN CABLES.**

Number of Certificate.	Fathoms.	Size.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.
			Supplied.	Per Table 22.				
23140	270	2 1/2	127 1/2	127 1/2	270 x 2 1/2	Steel	John Brown	Sept 23-2-02
			91-2-2	91-2-2				
	90	4 1/2	47	47	90 x 4 1/2	Steel	John Brown	Sept 23-2-02

**HAWSERS AND WARPS.**

Number of Certificate.	Fathoms.	Size.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.
			Supplied.	Per Table 22.				
	120	5	59	59	120 x 5	Steel	John Brown	Sept 23-2-02
	90	8	90	90	90 x 8	Steel	John Brown	Sept 23-2-02
	90	8	90	90	90 x 8	Steel	John Brown	Sept 23-2-02
	90	7	90	90	90 x 7	Steel	John Brown	Sept 23-2-02
	90	6	90	90	90 x 6	Steel	John Brown	Sept 23-2-02

**Boats.** *Four* Lifeboats and two others.

**Pumps.** Number *one* manual pump connected to *main line* of steam suction.

**Windlass.** *by Clark, Chapman & Co.* Capstan

**Engine Room Skylights.** How constructed? *of glass, with angle steel beams*

What arrangements for deadlights in bad weather? *glass flaps and bullseyes.*

**Coal Bunker Openings.** How constructed? *Plates and angles* How are lids secured? *Battened down* Height above deck? *12 1/2.*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *On each side, seven scuppers. Freeing ports 15" x 15".*

**Ceiling in Holds,** thickness and material *W. Pine 2 1/2*

**Cargo Hatchways.** How formed? *Plates and angles.* Hatches, If strong and efficient? *3" solid*

State size No. 1 Hatch (Forward) *22-11 x 16-0* No. 2 Hatch *25-0 x 16-0* No. 3 Hatch *14-7 x 16-0* No. 4 Hatch *8-4 x 16-0*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *No. 1, 2, 5 and 6 two web plates, No. 3 one web plate*

*Three fore and afters in each hatch.* No. of Breasthooks *Two* No. of Crutches *27* deep floors

**Bulwarks,** height above deck and description *Open rails and stanchions* Main Rail, material and size *1 1/2" iron rod.*

The above is a correct description.

Builder's Signature (here only) *F. Jackson* FURNESS, WITBY & CO., LIMITED.

Surveyor's Signature *Allison B. Wilson* Surveyor to Lloyd's Register of British and Foreign Shipping.

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

*March 21, 25, April 1, 19, May 17, June 5, Aug. 16, Sept. 30, Oct. 10, 1901, Jan. 24, April 25.*

**Workmanship.** Are the butts of plating planed or otherwise fitted? *Planed*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? *Yes* Do any rivets break into or through the seams or butts of plating? *A few.*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? *Yes* State results of tests *satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes* State results of tests *satisfactory*

**General Remarks** (State quality of workmanship, &c.) *Workmanship good.*

*This vessel has been built in accordance with the approved plans. The Surveyor's letters of the above date and in general conformity to the Rules for the class contemplated.*

*Accompanying this Report. Plans of Midship Section, Profile, Forward and Aft Bulkheads, Rudder, Reports on ships fittings and castings*

*This is a sister vessel to the "Shetland" H.M. Report No. 11754.*  
The Surveyor should state the Number of Report and Name of any Sister Vessel.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ☒ ft., R.Q.D. or Break ☒ ft., Bridge Dk. ☒ ft., F'castle ☒ ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *2 dks (all) 3 1/2 B + Shellin deck (all)*

Official No. *115130*; Signal Letters

How are the surfaces preserved from oxidation? Inside *Portland Cement and Paint* Outside *Paint*

**PARTICULARS OF WATER BALLAST.**—State whether the Double bottom is constructed on the cellular system or with girders on floors *Yes*

Where fitted.	Length.		Water Capacity.	Where fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	124.1	249	Fore peak tank,				
Double bottom, under Engines and Boilers,	68.75	247	After peak tank,				
Double bottom, if under Engines only,			Midship deep tank, Forward of Machinery space	25.0	790		
Double bottom, if under Boilers only,			Midship tank, if fitted, Aft of	29.2	869		
Double bottom, forward,	148.0	353	(If necessary, furnish further information by sketch.)				

\* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules *Yes*

Order for Special Survey No. *1849*

Date *21 April 1901*

No. *261* in builder's yard.

DATES OF SURVEYS held while building

*1901 Aug. 19, 21, 22, 24, 29, Sept. 2, 4, 5, 6, 11, 13, 20, 23, 25, 27, 30, Oct. 2, 7, 9, 11, 16, 17, 22, 24, 29, Nov. 1, 5, 15, 18, 20, 26, Dec. 2, 5, 11, 13, 14, 19, 1902, Jan. 6, 9, 13, 16, 20, 21, 23, 29, 30, 31, Feb. 3, 5, 6, 7, 14, 16, 20, 25, Mar. 3, 7, 10, 13, 18, 20, 24, 26, Apr. 3, 4, 7, 8, 11, 14, 16, 18, 21, 23, 24, 28, 29, May, 2, 3, 5, 6, 7.*

Total No. of Visits *83*

The amount of Entry Fee *£ 5* Fees applied for, *13.5.1902*

Special Survey Fee *£ 150* Received by me, *14.5.1902*

Travelling Expenses, if any *£*

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

I am of opinion this Vessel should be Classed *100A1 "SHelter DECK"*

*Without* without Freeboard, as condition of Class

Committee's Minute *FRI. 16 MAY 1902*

Character assigned *100A1 (Steel) Shelter dk*

*Lloyd's and P.O. 1/1 + L.M. 6.5.02*

*Allison B. Wilson*  
Surveyor to Lloyd's Register of British and Foreign Shipping.

*W635-0144 1/2*