

Awning or Shelter Deck,

or Pt. Awning Deck.

STEEL STEAMER.

No. 14439

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

Port of WEST HARTLEPOOL Date of completion of Report 25th JUNE 1912. Received at London Office THU. JUN. 27 1912
Survey held at WEST HARTLEPOOL Date, First Survey 12th 1911 Last Survey 20th JUNE 1912
On the STEEL TWIN SCREW STEAMER "EL PARAGUAYO" (YARD N^o 504) Rig SCHOONER.

TONNAGE under Tonnage Deck	3957.89
Do. between Tonnage Dk. and 3rd, 4th, or 5th Dk.	3475.59
Total under Tonnage Dk.	7433.48
Do. of Poop	
Do. of R. or Dk.	
Do. of Bridge House	368.02
Do. of Forecastle	55.39
Do. of Houses on Deck	417.06
Do. of excess of Hatchways	20.01
Do. above Crown of Engine Room	213.67
Space	8507.63
Room of	213.67, 447.54
OR FEES...	8060.09
Room	3026.01
gation Spaces	86.25, 3112.29
LAIR	4947.80
ster Tonnage out on Beam	5161.47

CLASS 100 A.L. SHELTER DECK

FRET.

Breadth (greatest moulded)	58.667
Depth at middle of length from top of keel to top of beams at side of uppermost Continuous Deck	38.083
Deduct height of 'tween deck when this does not exceed 8ft.	96.750
Transverse Number	88.75
Length on deck from fore part of stem to after part of sternpost	440.0
Longitudinal Number	39050
Depth "d" at middle of length. See Secs. 2 & 13	11.41
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel	11.55
" " Upper Deck at side to top of keel	14.66

Master H. A. HEWLETT.

Year of Appointment (1) As Master in service of owner of present vessel;—1912 (2) As Master of this vessel;—1912

Built at WEST HARTLEPOOL

When built 1912 Launched 23rd OCTOBER 1911.

By whom built IRVINE'S S.B. & D.D. CO. LTD.

Owners HOULDER LINE LTD.

Managers HOULDER BROS & CO. LTD.

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

Residence LONDON.

Port belonging to LIVERPOOL

Destined Voyage RIVER PLATE VIA BILBAO. If Surveyed while Building, Afloat, or in Dry Dock YES.

LENGTH on keel per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Ft.	Ins.	No. of Decks with flat laid Four	No. of Tiers of Beams Four
440	0		58	8		38	0			
Dimensions of Ship per Register,										
Length 440' breadth 58.95' depth 127.62										

FRAMING.						FORGINGS AND CASTINGS.					
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule or as Approved.	Inches per Rule or as Approved.	Inches per Rule or as Approved.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule or as Approved.	Inches per Rule or as Approved.	Inches per Rule or as Approved.
HE, Angles, or E L Bars, amidships	8 1/2	3 1/2	50	8 1/2	3 1/2	50	FLAT PLATE	KEEL.			
in peaks	7 1/2	3 1/2	46	7 1/2	3 1/2	46	STEM, moulding and thickness	10 1/2 x 2 7/8	10 1/2 x 2 7/8		
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	44	STERN-POST for Rudder do. do.	7 7/8 x 4 1/2	7 7/8 x 4 1/2		
at intermediate Dkts.							" " for Propellers, CAST STEEL SPECTACLE FRAME; SEE DETAIL PLAN	6 1/2 x 5 1/2	6 1/2 x 5 1/2		
ing of Frames from centre to centre amidships	27			27			RUDDER—A x D Table 22" UNDER 14 KNVT. S.	11 1/2	11 1/2		
length to collision bulkhead							" Main Piece, diameter at head	8 1/2	8 1/2		
of Frames from centre to centre in peaks	24			24			" " " " at heel	8 1/2	8 1/2		
ERSED FRAME, Angles, 2N. FLAPERS	3 1/2	3 1/2	44	3 1/2	3 1/2	44	RUDDER, how constructed BUILT FORGING & SINGLE PLATE 1-12				
NING, depth of girder B.A. FRAMING	8 1/2			8 1/2			Can the Rudder be unshipped afloat? YES				
ORS, depth and thickness of Floor Plate at mid line for 1 length amidships	E=46, B=57	E=46, B=52									
in way of Engine and Boiler spaces											
thickness at the ends of vessel											
depth at 1/2 the half bth. as per Rule											
height extended at the Bilges											
ORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom) spacing	42	46	42	46							
" " " "	27			27							
REE GIRDER, in Dbl. bottom, dpth & thickness	42	46	42	46							
" " Angles, Top	3 1/2	3 1/2	44	3 1/2	3 1/2	44					
" " " Bottom	4 1/2	4 1/2	46	4 1/2	4 1/2	46					
" " " to Floors	5	5	50	5	5	50					
E GIRDERS, number and thickness	TWO	44	TWO	44							
" " state if flanged (top & bottom)	NO		NO								
" " Angles	3 1/2	3 1/2	44	3 1/2	3 1/2	44					
GIN PLATE, depth (exclusive of flange) and thickness	3 1/2	54	81	54							
" " Angles to outside plating	4	4	50	4	4	50					
" " Height of Brackets above at bilge	27			27							
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	45	45	45	45							
" " thickness in Engine and Boiler space	E=50, B=52	E=50, B=56									
" " Remainder in Holds	40	40		40							
MS, Awning or Shltir Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 1/2	3	42	7 1/2	3	42					
" " Angles on upper edge											
" " Spacing	27			27							
MS, Upper or Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	6 x 3 x 3	44	6 x 3 x 3	44							
" " Angles on upper edge IN PEAKS; B.A.	8	8	42	8	3	42					
" " Spacing	27	24	27	24							
MS, Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 x 3/2 x 3/2	40	7 x 3/2 x 3/2	40							
" " Angles on upper edge IN PEAKS; B.A.	8 1/2	3	46	8 1/2	3	46					
" " ing	27	24	27	24							
" " Fourth or Fifth Deck, Plate, Tee Bulb or Channel	7 x 3/2 x 3/2	40	7 x 3/2 x 3/2	40							
" " Angles on upper edge IN FORE PEAKS; B.A.	8 1/2	3	46	8 1/2	3	46					
" " ing	27	24	27	24							
" " Peep Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel											
" " Angles on upper edge											
" " Spacing											
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 1/2	3	42	7 1/2	3	42					
" " Angles on upper edge											
" " Spacing	27			27							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 1/2	3	42	7 1/2	3	42					
" " Angles on upper edge											
" " Spacing	27			27							
PILLARS, In 'tween Decks size and spacing	2 1/2 x 3/2 x 3/2	54	2 1/2 x 3/2 x 3/2	54							
" " Hold	4 1/2 x 3/2 x 3/2	54	4 1/2 x 3/2 x 3/2	54							
" " Quarter, 'tween Dks.	2 1/2 x 3/2 x 3/2	54	2 1/2 x 3/2 x 3/2	54							
" " In Hold	4 1/2 x 3/2 x 3/2	54	4 1/2 x 3/2 x 3/2	54							
WEB FRAMES, In Fore Body, No. and spacing											
" " No. of Side Stringers											
WEB FRAMES, In E. & B. Space, No. & spacing											
" " No. of Side Stringers											
WEB FRAMES, In After Body, No. and spacing											
" " No. of Side Stringers											
BRACKET PLATES to Stringers between Web Frames, depth and thickness											

BULKHEADS.			STIFFENERS.			Single or Double Frames.		Height up.	
In Vessel.	Per Rule.	Thickness.	Horizontal.	Vertical.	Size.	Spacing.	Size.	Spacing.	
W. T. BULKHEADS	7	7	36-50	BA. 7 x 3 x 42	30		SINGLE		SHELTER DECK
COLLISION			32-50	BA. 9 x 3 x 46	24		SINGLE		DECK
PARTITION	SEE SPECIAL DETAIL PLAN			ADDITIONALLY STIFFENED WITH SEMI BOX					FRAME GTS.
LONGITUDINAL	3	3	36	BA. 7 x 3 x 42	30		SINGLE		SHELTER DECK

Are the outside Plates doubled two spaces of Frames in length? DIAMOND LINERS
Are the Shice Valves and Watertight Doors in efficient working order? YES

PLATING.							27" FRAME SPACING.		RIVETING.										
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.										
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		4R.		RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Inches.	Inches.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
FLAT PLATE KEEL	49	1.10	.76	.76	49	1.10	DOUBLE	6 3/4	1 1/8	4 1/2	3R. 1/2 L.	1 1/8	4	1 1/8	4	1 1/8	14	FULL	
GARBOARD OR A STRAKE	60 1/2	.68	.55	.52	60	.68	"	5 1/4	7/8	3 3/8	4R. 1/2 L.	1	4	1 1/8	4	1 1/8	14	FULL	
B "	"	.68	.50	.52	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
C "	"	"	.50	.52	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
D "	"	"	.50	.52	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
E "	"	"	.50	.52	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
F "	"	.70	.46	.48	"	.70	"	"	"	"	"	"	"	"	"	"	"	"	
G "	"	.66	.46	.48	"	.66	"	"	"	"	"	"	"	"	"	"	"	"	
H "	"	"	"	.46	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
J "	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
K "	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
L "	"	"	"	"	"	.66	"	"	"	"	"	"	"	"	"	"	"	"	
M "	"	.71	"	"	"	.66	"	"	"	"	"	"	"	"	"	"	"	"	
N "	48 1/2	.71	"	"	48	.66	"	5 1/4	7/8	3 3/8	4R. 1/2 L.	1	4	1 1/8	4	1 1/8	14	FULL	
O "	"	.66	"	"	"	.66	"	"	"	"	"	"	"	"	"	"	"	"	
P "	53	.68	"	"	48	.68	"	"	"	"	"	"	"	"	"	"	"	"	
Q "	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
R "	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
S "	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
DOUBLING OF FLAT PLATE KEEL	AT ENDS OF BRIDGE 20'-8" x .72"						THE FORWARD & AFTER BODIES, BETWEEN THE 1/2" AND THE 3/4" LENGTH.												
POOR SIDES	-						1R 2 1/2 3/4 3 2R 3/4 2 3/8 - - 5" FULL												
SHORT BARRER SIDES	-						-												
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. (SIEMENS PROCESS)

STEEL PLATES, BULBS, ETC.: SOUTH DURHAM;

PALMER'S CO. AND CARGO FLEET CO.

IRON PLATES ETC.: SOUTH DURHAM.

Has the Steel been tested as required by the Rules? YES.

FRAMES extend in one length from CENTRE LINE TO MARGIN, & THENCE TO GUNWALE.

REVERSED FRAMES on floors and frames extend from CENTRE LINE TO MARGIN.

B. A. FRAMING.

MASTS, SPARS, & C.

LOWER MASTS....	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	STEEL	54'-0"	30" x .50"	29 x .50	-	22 x .40	2	✓	✓	1R.	3R.
Main	"	55'-0"	"	"	"	"	✓	✓	"	"	"
Mizen	"	"	"	"	"	"	✓	✓	"	"	"

Bowsprit

Topmasts, Yards and Remainder of Spars OF PINE

Rigging, Material and Size, Shrouds 4" G.W.

Sails. Suit of ✓ Sails, and the following spare sails ✓

EQUIPMENT No. 43761 LETTER C+

ANCHORS. MECHANICAL TESTS BY J. MEIJER.

EQUIPMENT NO. 43751 LETTER C											ANCHORS: * MECHANICAL											Where and when tested and Superintendent.										
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.																
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.																		
15026	1st Bower *	77	3	0	-	-	-	57	12	2	0	77	0	0	BYERS STOCKLESS	BYERS & CO.	SL 23-11-11. A. GREEN															
15026	2nd ,, *	77	2	14	-	-	-	57	12	2	0	77	0	0	D°	D°	D°															
14974	3rd ,, *	66	2	14	-	-	-	51	19	1	14	65	2	0	D°	D°	D° 14-11-11 S. HAFENET															
	Collective weight	222	0	0								219	2	0																		
38035	Stream	22	0	24	5	2	21	22	11	1	0	22	0	0	COMMON	W. DUDLEY'S R ^o OAK WORKS.	TYPE 11-9-11 C.F. PERRIN															
38034	Kedge	10	0	14	2	2	14	12	2	0	21	10	0	0	D°	D°	D°															

CHAIN CABLES.

HAWSERS AND WARPS.

CHAIN CABLES.															HAWSERS & WARPS.			
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.		
					Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Fathoms.	Ins.	
	Tons.	Tons.	Owts. qrs. lbs.	Owts. qrs. lbs.														Fathoms.
	Fathoms.	Ins.											TOWLINE S.W.	Fathoms.	Ins.	Tons.	Fathoms.	Ins.
39231	300	2 7/16	106%	149%	890-2-17	890-1-4	300	2 7/16	STUD LINK	ER DUDLEY'S RE OAK WKS	TIDE 7-9-11 C.E. PERRINE	HAWSERS & WARPS	6 @ 100	5	78	4 @ 100	5	78
												" S.W.	100	5	59	-	-	-
												" S.W.	4 @ 45	4 1/2	39	-	-	-
												" S.W.	4 @ 100	2 1/2	12 1/2	-	-	-
from Stream Chain or Steel Wire...	120	5	-	73	-	-	120	5	S.W.	BULLIVANT & CO	TESTED BY MAKERS.	" S.W.	4 @ 100	2 1/2	12 1/2	-	-	-
Lashing from SPARE TILLER WITH TA...																		

Boats SIX LIFEBOATS & TWO OTHERS.

Steam Steering Gear HASTLEY & CO.

Hand Steering Gear SPARE TILLER WITH TACKLE WORKED FROM AFTER CAPSTAN.

Pumps, Number TWO DOWN TON PUMPS & ONE H.P. PUMP TO FORE PEAK

State whether they are in efficient working order YES.

Windlass is CLARKE, CHAPMAN & CO.

Capstan TWO AFT (STEAM) CLARKE, CHAPMAN & CO.

Engine Room Skylights.—How constructed? OF STEEL

What arrangements for deadlights in bad weather? STEEL FLAPS & BULL'S EYES.

Coal Bunker Openings.—How constructed? OF STEEL

How are lids secured? CLEATS & BATTENS. Height above deck? 27" ABOVE BDG. DK.

Number of Scuppers, and number and dimensions of Freeing Ports, &c. EIGHT SCOPPERS EACH SIDE.

OPEN RAILS.

Ceiling in Holds, thickness and material ALL HOLDS INSULATED.

Cargo Battens, thickness and material ALL HOLDS BETWEEN DECKS INSULATED.

Cargo Hatchways.—How formed? STEEL PLATES & ANGLES.

Hatches, If strong and efficient? YES, SOLID.

State size No. 1 Hatch (Forward) 26'-10" x 15'-11"

No. 2 Hatch 26'-10" x 15'-11"

No. 3 Hatch 26'-10" x 15'-10 1/2"

No. 4 Hatch 26'-10" x 15'-11 1/2"

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch:—TWO WEBS & THREE FORE & AFTERS.

To EACH HATCH. (ALL HATCHES INSULATED COVERS) No. of Breasthooks FIVE.

No. of Crutches TWO DEEP FLOORS.

Bulwarks, height above deck and description OPEN RAILS & STANCHIONS.

Main Rail and Stays, material and size OPEN RAILS.

The above is a correct description.

Surveyor's Signature

Surveyor to Lloyd's Register of British & Foreign Shipping

Builder's Signature (here only)

MANAGING DIRECTOR

Foundation

THU JUN 27 1912

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) (M) JAN. 4-16; FEB. 10, 24-27; MAR. 2, 3, 4, 8, 14, 21; APRIL 3, 8, 10; MAY 3; JULY 12, 17; AUG. 19, 30; SEPT. 13; NOV. 16; 1911. 2nd MAY 1912 (E) 19 APRIL 1911.

Workmanship. Are the butts of plating planed or otherwise fitted? PLANED & OVERLAPPED.

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 faying surfaces? YES.

Do any rivets break into or through the seams or butts of plating? A VERY 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. 26, par. 20)? YES

State results of tests SATISFACTORY.

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES

State results of tests SATISFACTORY.

General Remarks (State quality of workmanship, &c.)—This vessel has been built in accordance with the approved plans, the Secretary's letters as above stated and, in other respects, in conformity with the Rules; the materials and workmanship are good.

The fore and aft bulkheads have been marked on the sides of the vessel as per the Secretary's letter (M) dated 2nd May 1912.

The vessel has been placed in Dry Dock & the bottom & mud sole cleaned, examined & recoated.

The vessel is fitted with wireless telegraphy (Marconi system).

The Surveyor should state the Number of Report and Name of any Sister Vessel.

ARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 135.17 ft., R.Q.D. 135.17 ft., Bridge 135.17 ft., F'castle 36.75 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

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) THREE DECKS (STEEL) AND SHELTER DECK (STEEL).

Official No. 131434; Signal Letters

State if Machinery is fitted aft NO.

How are the surfaces preserved from oxidation? Inside PORTLAND CEMENT & PAINT. Outside PAINT.

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

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	112.5	244	Fore peak tank,	-	63
Double bottom, under Engines and Boilers,	81	323	After peak tank,	-	76
Double bottom, if under Engines only,	-	-	Deep tank aft,	-	-
Double bottom, if under Boilers only,	-	-	Deep tank forward,	-	-
Double bottom, forward,	189	512	Other tanks, if fitted,	-	-
Total capacity of double bottom		1079	(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. <u>504</u>	Dates of Surveys held while building
Date <u>24 Dec 1911</u>	1911. Feb. 13-15-17-21-24-27. Mar. 2-6-8-13-17-20-22-24-28-30. Apr. 4-6-10-20-25-26. May 1-3-5-9-11-16-19-22-24-26-30-31. Jun 2-7-9-14
	19-21-26-29. July 12-16-18-19-21-25-27-31. Aug 2-16-18-22-24-28-30. Sept 1-4-6-11-13-18-20-22-25-27-29. Oct 2-4-5-6-9
	12-16-18-20-22-26-30. Nov 1-3-6-8-9-14-16-21-23-28-30. Dec 1-4-6-8-12-13-18-19-22-28. Jan 4-8-10-12-15-17-19-22-24-26-30. Feb 1-5-8
	12-14-16-21-23-26-28. Mar 1-4-7-11-14-18-20-26-29. Apr 2-4-10-16-18-23-25-29. May 2-6-7-12-17-21-23-30. Jun 7-12-20
	Total No. of Visits <u>154</u>

The amount of Entry Fee £ 5 : : : Fees applied for, 26.6 1912.
Special £ 226.10 : : : Received by me, 29/6/12
Travelling Expenses, if any £ : : : 1.7

Certificate to be sent to WEST HARTLEPOOL.

Certs issued 29/6/12 when vessel first on board

State whether the Vessel has been built under Special Survey YES
In my opinion this Vessel should be Classed 100A1 "SHELTER DECK"
With or without Freeboard, as condition of Class YES

David McAnisla.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

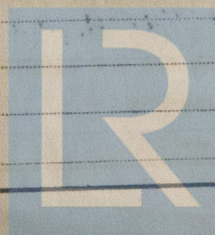
FRI JUN 28 1912

Character assigned

100A1
Shelter deck with fld 5.9.2

Lloyd's 100A1

+ Lmb 6.12
7.8.



© 2020

Lloyd's Register
Foundation

WS14-0212 2/2