

exp 6/5/18

On the Steam Ship "Anha Clara" Master W. R. Kell

HALF BREADTH (moulded) 10. 438

Ditto of House	10.44	GIRTH of Half Midship Frame (as per Table)	19.20	By whom built	Blackwood & Sons
			18.20		

Gross Tonnage 216.34 [deduct 7 feet 100 Port belonging to Rio Janeiro

198.49
62.20
2nd NUMBER
PROPORTIONS—Breeds to Length
Desired Voyage

as cut on Beam) 129.29 Main Deck ditto 12.9

on deck as	BREADTH	20.	91.	Do. do. Main Deck Beams.....	9.	14	Engines	00	IN. OF IRON ON DECK	12.	10	
per Rule ...	Moulded... ..	20.	91.						Inches.	16ths.	Inches.	16ths.
129.	0			21.25		0.25						

	Inches in Ship.	Inches per Rule.	
KEEL, depth and thickness	6 x 13	13 x 14	PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilges

STERN-POST for Rudder do. do. ... } $6 \times 2\frac{1}{2}$
for Propeller ... } $6 \times 2\frac{1}{2}$

Inches. In Ship.	Inches. In Ship.	16ths. In Ship.	Inches required per Rule	Inches required per Rule	16ths required per Rule
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
34	34	34	34	34	34
35	35	35	35	35	35
36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
39	39	39	39	39	39
40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
46	46	46	46	46	46
47	47	47	47	47	47
48	48	48	48	48	48
49	49	49	49	49	49
50	50	50	50	50	50
51	51	51	51	51	51
52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
55	55	55	55	55	55
56	56	56	56	56	56
57	57	57	57	57	57
58	58	58	58	58	58
59	59	59	59	59	59
60	60	60	60	60	60
61	61	61	61	61	61
62	62	62	62	62	62
63	63	63	63	63	63
64	64	64	64	64	64
65	65	65	65	65	65
66	66	66	66	66	66
67	67	67	67	67	67
68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	74	7		

REVERSED FRAMES, Angle Iron	24	24	4	24	24	4	But Straps to outside plating, breakers & anchors	1/2" x 1/2" x 1/2"	100 lbs.
FLOORS (depth and thickness of Floor Plate)	11/2"		5	11/2"		5	Lengths of Plating	4 spaces	60 spaces

depth at $\frac{3}{4}$ the half-bdth. as per Rule ...	6	—	9	53	—	17
" " " " " " " " " " " " " " " " " "	26	—	—	25	—	—
Upper Deck Beams, breadth and thickness...)						
Angle Iron on ditto						

[illegible][illegible]

BEAMS, Lower Deck, Hold, or Orlop Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	Is the Stringer Plate attached to the outside plating?	Yes
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KEELSONS Centre line, single or double plate, } 82 — 4 82 — 4 Diagonal Tie Plates on Beams, No. of pairs _____
Waterways materials and scantlings P. Price... 8.42

"	Bulb Plate to Intercoastal Keelson...	—	—	—	—	—	Stringer Plates on ends of Lower Deck, Hold or				
"	Angle Irons	3	3	6	3	3	6	Orion Beams			

do.	Angle Irons	
"	Attached to outside plating with angle iron	
		Angle Irons on ditto, No.
		Stringer or Tie Plates, outside Hatchways

"	do.	Bulb Iron...	...	...	...	0	—	0	5	—	3	Ceiling between Decks, thickness and...	do.	...	2 Red Pine	2
"	do.	Intercoastal plates riveted to										in hold	do.	...	3 1/2	3 1/2
												Main pipes of Budder diameter at head				

Can the Rudder be unshipped afloat? Yes

Transoms material. Knight-heads. Hawse Timbers. Iron

to Gumvale Riveted through plates with 3/8 x 3/4 in. Rivets, about 300 ap

KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? Yes And butts properly shifted? Yes

Edges of Garboards and to upper part of Buge, worked clencher, double riveted; with rivets $\frac{5}{8}$ in. diameter averaging $2\frac{3}{4}$ ins. from centre to centre.

Edges from bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets 5/8 in. diameter, averaging 2 3/4 ins. from cr. to

Butts of Main Sheerstrake, ^{double} treble riveted for whole length amidships. Butts of Upper or Spar Sheerstrake, double treble riveted for whole length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for whole length amidships.

Breadth of laps of plating in deck 12 inches

Bottom Strong of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? double

Beams of the various Decks, how secured to the sides? Welded to the sides
 Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Best

Manufacturer's name or trade mark, *Anglo-Siam*

Builder's Signature, _____

1800 (12/01/1918) 1200461 12520

A dark, textured horizontal band, possibly a book cover or a close-up of a material. The texture is grainy and uneven, with varying shades of dark brown and black. There are some lighter, fibrous-looking areas interspersed within the darker material. The overall appearance is that of a close-up of a rough, organic surface.

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed*
Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? *Yes*
Are the fillings between the ribs 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 the plating? *A few* 14490 *Iron*

Masts, Bowsprit, Yards, &c., are *Wood* in *good* condition, and sufficient in size and length. If of Iron or Steel give
Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing
the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name.
State also Length and Diameter of Lower Masts and Bowsprit *Light Pole Masts*

NUMBER for EQUIPMENT		Fathoms.	Inches.	Test per Certificate.	Length & Size req'd per Rule.	Test req'd per Rule.	ANCHORS.	N ^o .	Weight. Ex. Stock.	Test per Certificate.	Weight req'd per Rule.	Test req'd per Rule.
5420												
5432												
N ^o .	SAILS.	CABLES, &c.										
		Chain										
One	Fore Sails,		90 2	1/8	135 1/2	135 1/2	Bowers	23 1/2	6 0 6	8 6 1 0	3 3 0	8 Tons
Swif	Fore Top Sails,		45 3	1/8	135 1/2	135 1/2		23 1/2	5 3 15	8 3 0 0		
	Fore Topmast Stay Sails											
	Main Sails,	Hmpn Strm Cbl	90	6 2		6 2						
	Main Top Sails,	Hawser ...	90	4		4						
		Towlines ...										
		Warp ...	90	4		4						
		quality <i>good</i>										

Standing and Running Rigging *Wire & Hemp* sufficient in size and *good* in quality. She has *One* Long Boat and *One* other
The Windlass is *Capstan* *Harfield* and Rudder *Patent* *Leam* Pumps *One* to each Compartment
Engine Room Skylights. How constructed? *Spon Hemmings* How secured in ordinary weather? *Quadrants*
What arrangements for deadlights in bad weather? *Tarpanlins*
Coal Bunker Openings. How constructed? *Cast iron Rims & Lids* How are lids secured? *Self locking* Height above deck? *Flush*
Scuppers, &c. What arrangements for clearing upper deck of water, in case of shipping a sea? *Ports & Scuppers*

Cargo Hatchways. How formed? *Spon Hemmings*
State size Main Hatch *Forehatch 6' 10" x 6' 0" Quarterhatch 5' 3" x 6' 0"*
If of extraordinary size, state how framed and secured?
What arrangement for shifting beams?

Hatches, If strong and efficient? *Yes*

Order for Special Survey No. *129*
Date *12 November 1874*
Order for Ordinary Survey No. *129*
Date *12 November 1874*
No. *129* in builder's yard.
DATES of Surveys held while building as per Section 18:
1st. On the several parts of the frame, when in place, and before the plating was wrought. *Built under S.S. and surveyed 1874 - November 30, December 4, 8, 15, 18, 29. 1875 - January 15, 25, February 1, 13, March 1, 13, April 5, 9, 22, 30.*
2nd. On the plating during the process of riveting. *May 1*
3rd. When the beams were in and fastened, and before the decks were laid.
4th. When the ship was complete, and before the plating was finally coated or cemented.
5th. After the ship was launched and equipped.

General Remarks (State quality of workmanship, &c.) *This Vessel is Schooner Rigged and has a Full Poop and Forecastle. She has been built in conformity with the Rules and midship section herewith appended; and in way of Bailer space a flat plate Keelson is fitted 2 1/4 inches broad and 5/16 thick, also sub side Keelsons of Angle irons 3 x 3 x 5/16 with intercostal plates 5/16 thick between each as shown on longitudinal plan, and midship section attached, and approved by the Committee in letter dated 11 December 1874. The materials are of the best description, and the workmanship is very good.*

State if one, two, or three, decked vessel, or if span, or evening decked; and the lengths of poop, forecastle, *32 ft* and the length of double, or part double bottom. *32 ft*
How are the surfaces preserved from oxidation? Inside *Packland Cement 16 above Bulkhead* Outside *3 Coats of Red Lead & Paint*
Are of opinion this Vessel should be Classed *90 A 1*

The amount of the Entry Fee ... £ *2 : 0 : 0* is received by me, *H. J. B. O. C. W.*
Special ... £ *9 : 18 : 0* 30 April 1875
Certificate ... £ *0 : 0 : 0*
(Travelling Expenses, if any, £ *11 : 18 : 0*)

Committee's Minute *11 May 1875*
Character assigned *90 A 1*
Lloyds M.C. A.T.C.P. B.M.
This Vessel appears eligible to be classed as recommended by the Committee - 90 A 1