

KT
Rpt. 11b.
445 Ave
21/11/32
Number
2176

SAT. OCT. 26. 1912

SUNDERLAND Report No. 25468

VERIFICATION REPORT

Cloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS. 22632

PARTICULARS RELATING TO ALL STEAM SHIPS ~~OTHER THAN FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS, OR CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.~~

Port of Survey Sunderland
Date of Survey 25th Oct 1912
Name of Surveyor Thos Shaw

WESTCOVE

Ship's Name. ex "COVE" AUSTIN'S No 265 Number in Register Book	Port of Registry and Nationality. London British	Official Number. 135160	Gross Tonnage. 2734	Date of Build. 1912	Particulars of Classification. 100A1 Contemplated
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Registered Length from Register. 312.5	BREADTH. 45.3	DEPTH. 20.85	UNDER DECK TONNAGE. 2427.15
Length on LOADLINE. 311.4	Frame Depth 10' No. } Rule " 5 1/2 Sheer } +20 45.2.75 LEVEL TANK SPARRING FITTED	Peak Tanks INCLUDED	
Corrected Length. 311.4	44.55	21.80	2427.15

Moulded Depth as measured.....	23-1/2 ✓
THICKNESS OF WOOD D ^o LESS STRINGER	3/2 ✓
24-0 1/2	22-10 ✓
3-2 1/2	
20-10	

NOTE.— If the depth is measured when vessel is afloat, the details of measurement should be reported.

Efficient of fineness..... .80 ✓
Modification necessary (Para. 4 (a) to (e))* C.D.B
Efficient as corrected78 ✓

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	311.4 ✓
Length in Table	274.0 ✓
Difference	37.4 ✓
Correction for 10ft., Table A.	1.2 ✓ Table C. .6 ✓
× Difference divided by 10	4.48 (if required.) 2.24 ✓
If 1/10ths length covered divide by 2	+ 4 1/2" ✓ + 2 1/4" ✓

Mean Sheer at 1/2 of the length from Stem 4.3 }
Sternpost 2.0 } 6.3 ÷ 2 = 3.15 Mean
Actual mean Sheer ... 68.18 + 6.6 = 67.09 ✓
Standard mean Sheer [Table, Para. 18] 41.14 ✓ Correction
Difference..... 25.95 ÷ 4 = 6.49 ✓
If limited as Para. 18 (f)..... -6 1/2" ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	ALLOWED IN DEPTH
Thickness of usual wood deck, less stringer	

Rise in Sheer from amidships }
Para. 18 (e) } At front of bridge house..... ✓
At after end of forecastle

Fall in Sheer }
Para. 18 (d) } ÷ 2 = ✓
Length uncovered Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	44'-0" ✓
Round of Beam	11" ✓
Normal round.....	11" ✓
Difference	✓ ÷ 2 = ✓
Proportion of Deck uncovered (Para. 19)	✓

NOTE.— The round of beam should be reported on the full breadth of vessel at the gunwale.

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	2.0	2.0
Correction for Length, if required (Para. 12, 13, and 14)	2.24	+ 2 1/4
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	4-4.82	2.24
Difference	2-5.58	4-7 3/4
Percentage as below.....	6.42	21.72%

Freeboard, Table A	4-9.83	4-9 3/4 ✓
Correction for Sheer	6.49	-6 1/2 ✓
Correction for Length	4-3.34	4-3 1/4 ✓
Allowance for Deck Erections	4.48	+ 4 1/2 ✓
Correction for Round of Beam.....	4-7.82	4-7 3/4 ✓
Correction for fall in Sheer (if any).....	6.42	-6 1/2 ✓
Correction for Iron Deck (if required)	4-1.40	4-1 1/4 ✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) †		✓
Other Corrections (if any)		✓

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓

Allowance for Deck Erections -6 1/2" ✓

Forecastle.....	Length. 24'-0"	Length allowed. 24.00	Height. 7.6
Bridge House	60-0" {including 2' at each end}	58.50	7.6
† Raised Qr. Dk.....			
Poop.....	22.9	22.75	7.6
Total	109.9	108.25	
Length of Ship	311.4	311.4	

Winter Freeboard	4-1 1/4 ✓
Summer Freeboard	3-9 3/4 ✓
Indian Summer Freeboard	3-6 1/4 ✓
N. A. Winter Freeboard	4-3 1/4 ✓
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side.	+ 1 3/4 ✓
Winter Freeboard from deck line	4'-3" ✓
Summer " " "	3-11 1/2 ✓
Indian Summer " " "	3-8 ✓
N. A. Winter " " "	4-5 ✓

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line above centre of Disc	Amended Tables
Indian Summer Line " " "	March, 1906.
Winter Line below " "	
Winter North Atlantic Line " " "	

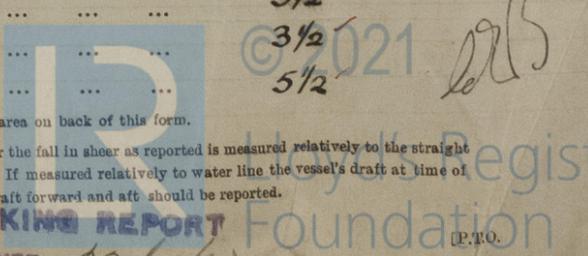
If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
† In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and stern-post.

31396	5
	3 1/2
	3 1/2
	5 1/2

† State dimensions of freeing port area on back of this form.
‡ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? Bridge House *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *bull angle framing*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *8" lights only*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *no* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *no openings*
 What is the thickness of the Bridge Front plating? *.38* and Coaming plate? *.38*
 Give scantlings and spacing of the Stiffeners *7/2 x 3/2 x 52 bull angles - 30" apart*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *Storm boards in riveted channels full height*
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *by a bridge*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed?
 Give thickness of plating; scantlings and spacing of Stiffeners
 What is the height of the exposed Casings? *3'-6" & 7'-0"* Are suitable means provided for closing all openings in them in bad weather? *Yes*
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

Position and Size.	No 1 for 38' x 28' to 22'		No 2 25-0 x 28-0 and 23-0 x 25-0		No 3 17-0 x 28-0		23-0 x 28-0		No 4 44-0 x 27-0 to 6'	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Height above top of DECK	3-6	2-0	3-6	2-0	3-6	2-0	3-6	2-0	3-6	2-0
COAMING Thickness	Sides.....	.50	.50	.50	.50	.50	.50	.50	.50	.50
	Ends.....	.40	.40	.40	.40	.40	.40	.40	.40	.40
SHIFTING BEAMS OR WEB PLATES	Number.....	four	two	one	two	four	four	four	four	four
	Section and Scantlings	7 bars 6x4x.50 plate .40	7 bars 6x4x.50 plate .40	7 bars 6x4x.50 plate .40	7 bars 6x4x.50 plate .40	7 bars 6x4x.50 plate .40	7 bars 6x4x.50 plate .40	7 bars 6x4x.50 plate .40	7 bars 6x4x.50 plate .40	7 bars 6x4x.50 plate .40
* FORE AND AFTERS	Number.....	five	five	five	five	five	five	five	five	five
	Section and Scantlings	centre 10x8 sides 9x8	centre 10x8 sides 9x8	centre 10x8 sides 9x8	centre 10x8 sides 9x8	centre 10x8 sides 9x8	centre 10x8 sides 9x8	centre 10x8 sides 9x8	centre 10x8 sides 9x8	centre 10x8 sides 9x8
HATCHES Thickness	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
Remarks.....	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good

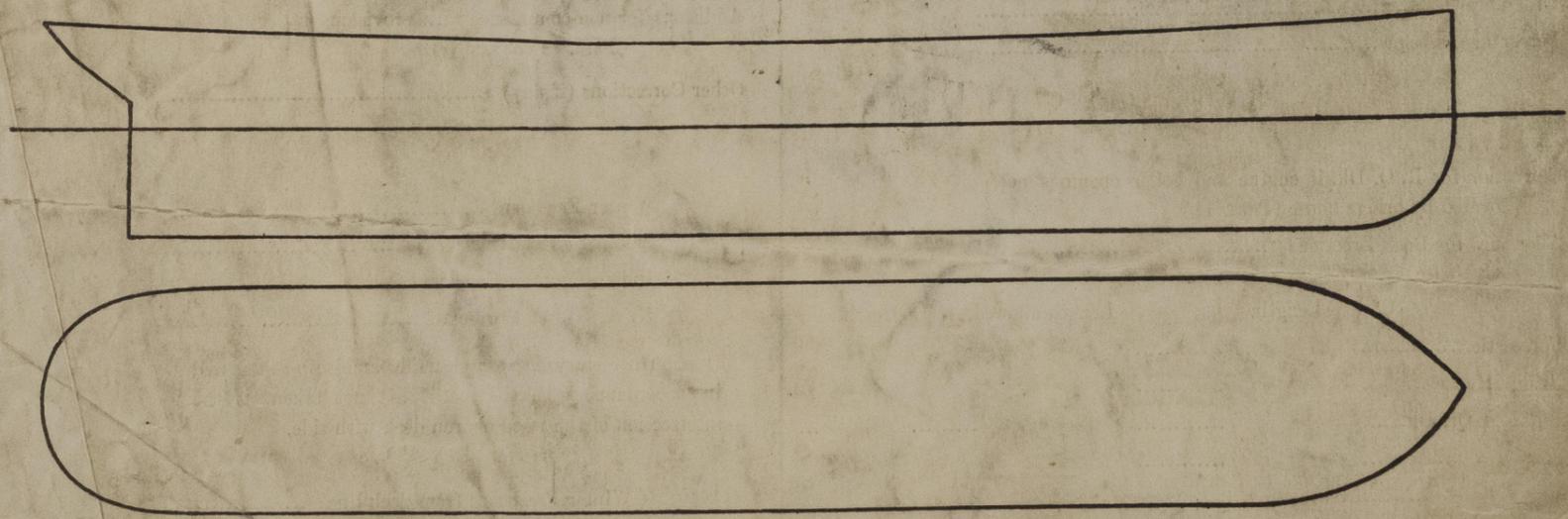
* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.
 What is the thickness of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrakes?*

Delete the words *The Crew are, are not, berthed in the bridge house.*
 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.*

Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel	=	Sq. ft.
Ft. Tenths. Ft. Tenths. No.	} Freeing Ports (each side of vessel)	=
x x x		
x x x	Total deficiency or excess	=
		Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel *Approved plans of midship section H profile together with request form are forwarded herewith*

Owners _____
 Address _____
 Fee £ _____

Received by me _____

