

Rpt. 11b.

Sld 21/9/32

VERIFICATION REPORT

THU APR 10 1924

Index No.

30916

(For London Office only.)

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

No 28784

AT. COPY WRITTEN

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER 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 CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Sunderland
Date of Survey Feb April 1924
Name of Surveyor A. Pickworth

Table with columns: Ship's Name (SILVERELM), Port of Registry (British London), Official Number (147648), Gross Tonnage (4350.83), Date of Build (1924), Particulars of Classification (+100A.1. Complete Superstructure With Freeboard. (Contemplated))

Table with columns: Registered dimensions from Ship's Register, LENGTH (375.00), BREADTH (52.60), DEPTH (25.75), UNDER DECK TONNAGE (4069.68)

Moulded Depth as measured 28'3"
Addition for Keel below base line for draught record 1/2 inches. Keel has inside butt straps

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

Table: CORRECTION FOR LENGTH. Length of Ship on Leadline 375.0, Length in Table 339.0, Difference 36.0, Correction for 10ft., Table A 1.45, Table C 5.22, If 1/10ths length covered divide by 2 + 2.61 + 2 1/2

Co-efficient of fineness .786 say .79
Any modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected .77

Table: CORRECTION FOR IRON DECK. Proportion covered, if less than 1/10ths length covered Complete Shelter Deck, Thickness of usual wood deck, less stringer - 3 1/2

Sheer {Stem 108 at Sternpost 54} 162 / 2 = 81 Mean 80.9
Sheer at 1/2 of the length from {Stem 59 1/2 Sternpost 29 1/2} 89 / 2 = 44.5 Mean 80.9
Gradual mean Sheer 80.9
Standard mean Sheer [Table, Para. 18] 47.5
Difference 33.4 / 4 = 8.35
§ If limited as Para. 18 (f) Say - 8 1/4

Table: CORRECTION FOR ROUND OF BEAM. Breadth at Gunwale amidships 51.6 3/4, Round of Beam 12 3/4, Normal round 12 1/8, Difference 1/8 / 2 = 1/16, Proportion of Deck uncovered (Para. 19)

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

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

Table: Freeboard, Table A 6' 10 1/4, Correction for Sheer - 8 1/4, Correction for Length + 2 1/2, Allowance for Deck Erections 6' 4 1/2 - 2' 3 1/2, Correction for Round of Beam 4' - 1', Correction for fall in Sheer (if any) ✓, Correction for Iron Deck (if required) - 3 1/2, Additions for non-compliance with provisions of Para. 11 (d) and (e) † 3' 9 1/2, Other Corrections (if any) ✓

ALLOWANCE FOR DECK ERECTIONS :-
Freeboard, Table C 3' 8 3/4
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) 6.2
Difference 2-5 1/4
Percentage as below 94.3%
27.6
say - 2-3 1/2
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓
Allowance for Deck Erections

Table: Winter Freeboard 3' 9 1/2, Summer Freeboard 3' 3 1/4, Indian Summer Freeboard 2' 10", N. A. Winter Freeboard ✓
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. 1 3/4

Table: Length, Length allowed, Height. Forecastle 343.30, Bridge House well 5.16, Raised Qr. Dk. 8'0", Poop 26.54, Total 375.00, Length of Ship 369.84, Corresponding percentage 94.3% = .993

Table: Winter Freeboard from deck line 3.11 1/4, Summer 3.5 1/2, Indian Summer 2.11 3/4, N. A. Winter 3.5 1/2

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :-
Fresh Water Line above centre of Disc
Indian Summer Line
Winter Line below
Winter North Atlantic Line

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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 1/10th of the vessel's length from stem and stern-post.

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.
MARKING FORM
RECEIVED 30 APR 1924

JW = 10970 6.87
40.03 x 40

1100-50550-00000

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? TWEEN DECKS Bridge House? *yes* Forecastle? *yes*

To what height do the Reverse Frames extend? *Chancel Framing*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Complete Shelter deck with tonnage opening*

Give particulars of the means for closing the openings in Bulkhead *Efficient temporary covers are provided for closing the tonnage opening in the Superstructure deck*

Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating? and Coaming plate? *Steel bulkheads in well. Two openings in forward bulkhead fitted with the usual full height shifting boards riveted channels*

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

Has the Bridge House an efficient Iron Bulkhead at the after end? *File on upper deck*

How are the openings closed? *Steel bulkheads in well. Two openings in forward bulkhead fitted with the usual full height shifting boards riveted channels*

Is the Forecastle at least as high as the main or top-gallant rail? *File on upper deck* Has the Forecastle an efficient Iron or Wood Bulk d. at after end?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *yes*

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? *7' 6"* 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:— *yes*

Position and Size.	No 1 31'-6" x 22'-0"		33'-7" x 22'-0"		28'-5" x 22'-0"		33'-7" x 22'-0"		33'-7" x 22'	
	Ship.	Approved Rule.	Ship.	Approved Rule.	Ship.	Approved Rule.	Ship.	Approved Rule.	Ship.	Approved Rule.
COAMING. Height above top of DECK	32"	32	32	32	32	32	32	32	32	32
Thickness	Sides.....	.50	.56	.56	.44	.44	.56	.56	.56	.56
	Ends.....	.44	.44	.44	.44	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES.	Number	5	6		5		6		6	
	Section and Scantlings	Plate 18 1/2 to 9/4 x .36 & 4 angles 4 1/2 x 3 x .46	Plate 17 1/2 to 8 3/4 x .36 & 4 angles 4 1/2 x 3 x .46		Same as in No 2 Hatchway.					
	Material									
* FORE AND AFTERS.	Number									
	Section and Scantlings									
	Material									
HATCHES Thickness	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	
Remarks.....	<i>Satisfactory</i>									

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (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?*

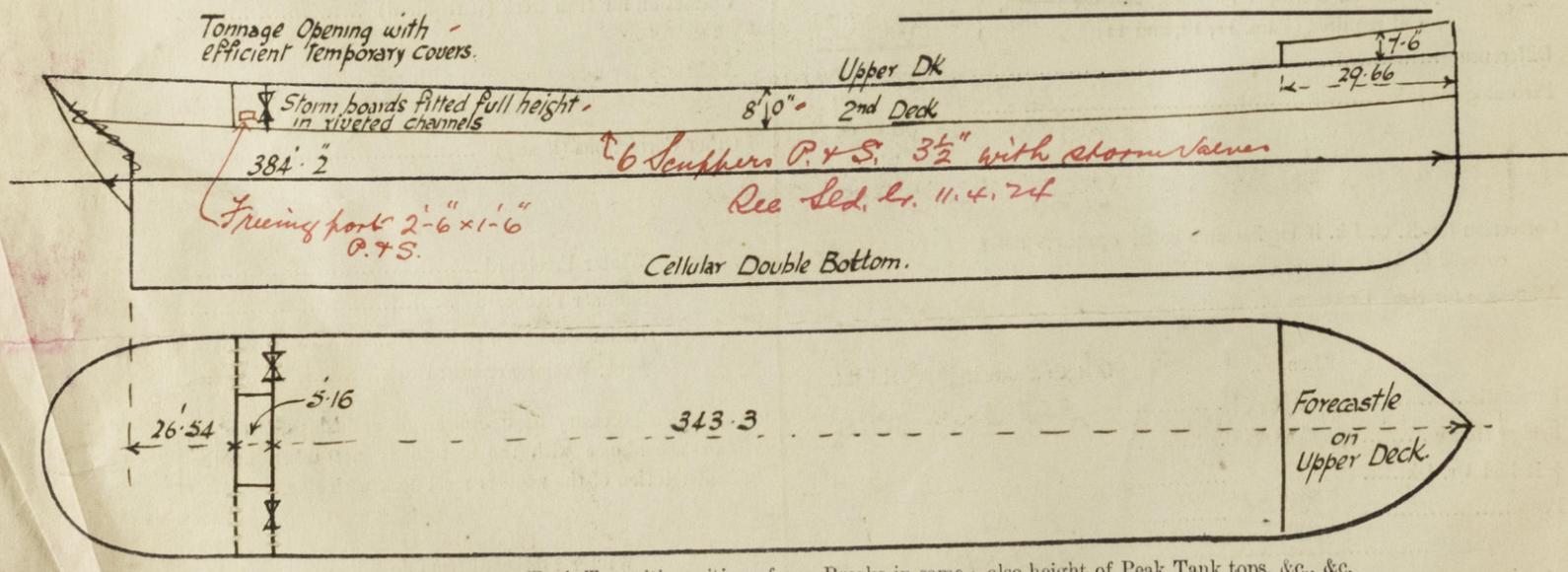
Delete the words *The Crew are, are not, berthed in the bridge house.*
 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.*

Length of Bulwarks in well _____ Sq. ft.

Area of Freeing Ports required by Para. 11 (e) each side of vessel = _____ Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports = _____ Sq. ft.
 (each side of vessel)

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 *There are no special features affecting freeboard.*

Builder's name and yard number *Doxfords No 579* } Copies of the approved plans are in the hands

Names of sister vessels *Not yet built* } A freeboard request form was forwarded with

Owners *Silvercedar Shipping Co Ltd.* } preliminary report Sld. No 28584.

Address *Mrs Stanley & John Thompson Ltd London.* } Displacement at L.W.L = 10940 tons

Tons per inch " " } 40.03 tons per inch

Fee £ 10. Will be charged on completion

Received by me *See 7.6. Report.*

