

Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

REPORT N° 18864

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 Greenock  
Date of Survey March 26<sup>th</sup> 1928  
Name of Surveyor Kenneth Inglis.Ship's Name.  
CAPE ST GEORGE.Port of Registry  
and Nationality.  
LONDON  
BRITISH.Official  
Number.  
160514  
✓Gross  
Tonnage.  
Approx  
5094Date of Build.  
Now.  
BUILDING.Particulars of Classification.  
+100 A1.  
CONTEMPLATED.

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>407.0</u>	<u>53.5</u>	<u>26.75</u>	<u>4789.14</u>
Less on LOADLINE.	<u>404.75</u>	<u>52.848</u>	<u>28.179</u>	<u>4776.54</u>
CORRECTED DIMENSIONS.	<u>404.75</u>	<u>52.848</u>	<u>28.179</u>	<u>4776.54</u>

Moulded Depth as measured.....29'-0"Addition for Keel below base line  
for draught record.....2 1/4 inches.NOTE.— If the  
depth is measured  
when vessel is  
aloft, the details  
of measurement  
should be reported.

## CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>404.75</u>
Length in Table .....	<u>348.00</u>
Difference .....	<u>56.75</u>
Correction for 10ft., Table A. ....	<u>1.5</u>
× Difference divided by 10 .....	<u>8.5</u>
If 1/10ths length covered divide by 2 .....	<u>4.25</u>
	<u>+ 4 1/4</u>

## CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .....	<u>3 1/2 - 76%</u>
Thickness of usual wood deck, less stringer .....	<u>- 3 1/2</u>

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>51.6</u>
Round of Beam .....	<u>13 1/2</u>
Normal round.....	<u>13</u>
Difference .....	<u>1/2</u>
÷ 2 = .....	<u>1/4</u>
Proportion of Deck uncovered (Para. 19) .....	<u>NIL</u>

NOTE.— The  
round of beam  
should be report-  
ed on the full  
breadth of vessel  
at the gunwale.No-efficient of fineness......7927  
Any modification necessary {  
[Para. 4 (a) to (e)]\* - .02 CELL D.B.  
No-efficient as corrected ......77

Sheer { Stem..... <u>125</u> } <u>188</u> ÷ 2 = <u>94</u> ...Mean	
at { Sternpost ... <u>63</u> }	
Sheer at 1/8 of the length from { Stem <u>69 1/2</u> } <u>104 1/2</u> ÷ 2 = <u>52 1/4</u> ...Mean	
at { Sternpost <u>35</u> }	
Gradual mean Sheer .....	<u>94.5</u>
Standard mean Sheer [Table, Para. 18] .....	<u>50.47</u>
Difference.....	<u>44.03</u> ÷ 4 = <u>11.0</u>
If limited as Para. 18 (f) .....	<u>- 11"</u>

Rise in Sheer { At front of bridge house.....  
from amidships {  
Para. 18 (e)] { At after end of forecastle ✓Fall in Sheer {  
Para. 18 (d) } ÷ 2 = ✓  
Length uncovered ..... Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<u>3-11 3/4</u>
Correction for Length, if required (Para. 12, 13, and 14) .....	✓
Freeboard by Table A, corrected for sheer, and for length, { if required (Para. 11, 12, 13, and 14) }	<u>6-3</u>
Difference .....	<u>2-3 1/4</u>
Percentage as below.....	<u>55.9</u> <u>56.8%</u>
	<u>15-25</u>

Correction for R. Q. Dk. if engine and boiler openings not  
covered by bridge house (Para. 11) - 1-3 1/4  
Allowance for Deck Erections .....

	Length.	Length allowed.	Height.
Forecastle.....	<u>33.5</u>	<u>33.5</u>	<u>7.5</u>
Bridge House .....	<u>241.25</u>	<u>241.25</u>	<u>7.5</u>
Raised Qr. Dk.....			
Op.....	<u>36.75</u>	<u>32.65</u> <u>36.12</u>	<u>7.5</u>
Total .....	<u>311.50</u> <u>.77</u>	<u>307.40</u> <u>310.87</u>	<u>7.59</u>
Length of Ship .....	<u>404.75</u>	<u>404.75</u>	<u>.768</u>
Corresponding percentage { Para. 11, 12, 13, or 14 }	<u>55.9</u>		

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	"	"	"	"	"	"	"	"	...

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

Winter Freeboard .....	<u>5-0 1/2</u>
Summer Freeboard .....	<u>5 1/2</u> <u>4-7 3/4</u>
Indian Summer Freeboard .....	<u>4-1 1/2</u>
N. A. Winter Freeboard .....	✓

Winter Freeboard from deck line .....	<u>5-2 1/4</u>
Summer " " " " .....	<u>4-8 3/4</u> <u>4 1/2</u>
Indian Summer " " " " .....	<u>4-3 1/4</u> <u>2 3/4</u>
N. A. Winter " " " " .....	✓

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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 for cargo and air 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? BULB 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 STEEL & WOOD DOORS SEE SKETCH

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 STEEL PLATE FITTED WITH HOOK BOLTS BOLTS PASSING THRO' BULKHEAD & SPACED NOT MORE THAN 12" APART

What is the thickness of the Bridge Front plating? .40 and Coaming plate? .44

Give scantlings and spacing of the Stiffeners 9x3x.44 B.A. LUGGED SPACED 29" APART

Are bracket plates fitted at each end of the Stiffeners? LUGS 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? CHANNELS & BOARDS FULL HEIGHT CHANNELS RIVETTED TO BULKHEADS

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? COVERED BY 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? ✓ Are suitable means provided for closing all openings in them in bad weather? ✓

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

Requirements of Section 28 of the Rules of 1904-5? Give particulars below:											
Position and Size.		No. 1 - UPPER DECK - 27' x 19'		No. 2 - 30' x 19'		No. 3 - 25' x 19'		No. 4 - 32'-6" x 19'		No. 5 - 32'-6" x 19'	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"									
	Thickness { Sides..... Ends.....	THICKNESS OF SIDES & ENDS .44									
SHIFTING BEAMS OR WEB PLATES.	Number .....	5	5	4	4	4	4	5	5	5	5
	Section and Scantlings .....	PLATE 15 3/4 x .35 DOUBLE ANGLES TOP & BOTTOM 12 1/2 x .33 4 x 3 x .44 18 x .36									
	Material .....	STEEL									
* FORE AND AFTERS.	Number .....										
	Section and Scantlings .....	← NO FORE & AFTERS →									
	Material .....										
HATCHES Thickness .....		3" SOLID		2 1/2" SOLID				3" SOLID			
Remarks.....											

\* 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 FORD 29'-3" AFT 62'-6"

Area of Freeing Ports required by Para. 11 (e) each side of vessel = 9.5 FORD 12.8 AFT Sq. ft.

Ft. Tenths.	Ft. Tenths.	No.	Freeing Ports (each side of vessel) = <u>9.51 12.74</u> Sq. ft.
FORD 3.17	1.5	2.	
AFT 2.83	1.5	2.	

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 Built in accordance with the approved plans of midship section & profile which are herewith forwarded

Builder's name and yard number Robt Duncan & Co No 382

Names of sister vessels S.S. "Cape St Andrew" Greenock freeboard report No 18829

Owners Sun Shipping Co.

Address London

Fee £ 10 : 1 : 8

Received by me See F.C. Report

to be rendered with first entry.



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