

Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.PARTICULARS IN RESPECT OF STEAM SHIPS HAVING ~~SPAR OR~~  
AWNING DECKS.Port of Survey SUNDERLANDDate of Survey 2.9.22Name of Surveyor T. S. LEATHARD

COMPLETE SHUTTER DECK WITHOUT TONNAGE OPENING

Ship's Name. <u>P.S. "SANDGATE CASTLE"</u> <u>SHORT BRIDGE No 408</u> Number in Register Book <u>72385</u>	Port of Registry and Nationality. <u>LONDON</u> <u>BRITISH</u>	Official Number. <u>✓</u>	Gross Tonnage. <u>✓</u>	Date of Build. <u>1922</u>	Particulars of Classification. <u>100 A.1. SHUTTER DECK, WITH FREEBOARD.</u> <u>(CONTEMPLATED)</u>
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Registered Dimensions from Register.	LENGTH. <u>425.5</u>	BREADTH. <u>56.85</u>	DEPTH. <u>28.45 Upper Deck</u> <u>36.45 Spar Deck</u>	UNDER DECK Tonnage. <u>5353.43</u>
Length on DEADLINE	<u>424.75</u>	Frame Depth Rule <u>9</u> " <u>6</u> " <u>8</u> <u>35.25-5</u> <u>SHUTTER DECK</u>	Ceiling <u>21.120</u> Sheer <u>+1.05</u> <u>TANK DECK 4" SHUTTER T.W. DECK</u> <u>+1.6</u>	Peak Tanks } INCLUDED <u>1678.96</u>
CORRECTED DIMENSIONS.	<u>424.75</u>	<u>56.85</u>	<u>37.66</u>	<u>7032.39</u>

Co-efficient of fineness .....

Any modification necessary  
[Para. 4 (a) to (e)\*]

Co-efficient as corrected .....

Allowance for strength in excess of Lloyd's rules =

State particulars—

THREE COMPLETE STEEL DECKSLONGITUDINAL FRAMING AND DEEP TRANSVERSE

Sheer at Stem ..... 119 at  $\frac{1}{2}$  length from Stem ..... 89.0 7.5  
Sternpost... 80 99.5 " " " Sternpost... 40.8 49.75  
Drop in Sheer abaft amidships..... N/A

Round of Spar-deck Beam..... 17 1/2  
" " Main-deck " ..... 17 1/2

	Length	×	Height.	State if open or closed at ends.
Forecastle .....	<u>45.0</u>	×	<u>8.0</u>	<u>CLOSED</u> } <u>SEA SKETCH</u>
Bridge.....	<u>130.0</u>	×	<u>8.5</u>	<u>CLOSED</u> } <u>OVER LAMP</u>

Poop..... ×

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

Fresh Water Line	above centre of Disc	...	...	...	...	...	...	...	...
Indian Summer Line	"	"	"	...	...	...	...	...	...
Winter Line	below	"	"	...	...	...	...	...	...
Winter North Atlantic Line	"	"	"	...	...	...	...	...	...

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.  
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.

\* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

Moulded Depth as measured 30.7 1/2 Main Deck.  
" " " 36.7 1/2 Spar or SHUTTER Deck.

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

CORRECTION FOR LENGTH :—

Length of Ship on Load Line.... 424.75  
Length in Table..... 367.50  
Difference..... 57.25  
Correction for 10ft..... 5  
× Difference ÷ 10 = 45.80  
+ 4 1/2

Height of 'Tween Decks..... 8.0  
(From top of beam to top of beam at side)  
Correction for Height of 'Tween Decks in Spar-decked Ships.....

Freeboard Table B or C.....  
Correction for Length.....  
Correction for Height of 'Tween Decks in Spar-decked Ships.....  
Correction for Strength in excess of Lloyd's rules.....

Correction for Iron Deck if required.....  
Other Corrections (if any).....

Winter Freeboard.....  
Summer Freeboard.....  
Indian Summer Freeboard.....  
N. A. Winter Freeboard.....

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at inter-section of the wood or iron deck with side

Winter Freeboard from Deck Line.....  
Summer " " ".....  
Indian Summer " " ".....  
N.A. Winter " " ".....

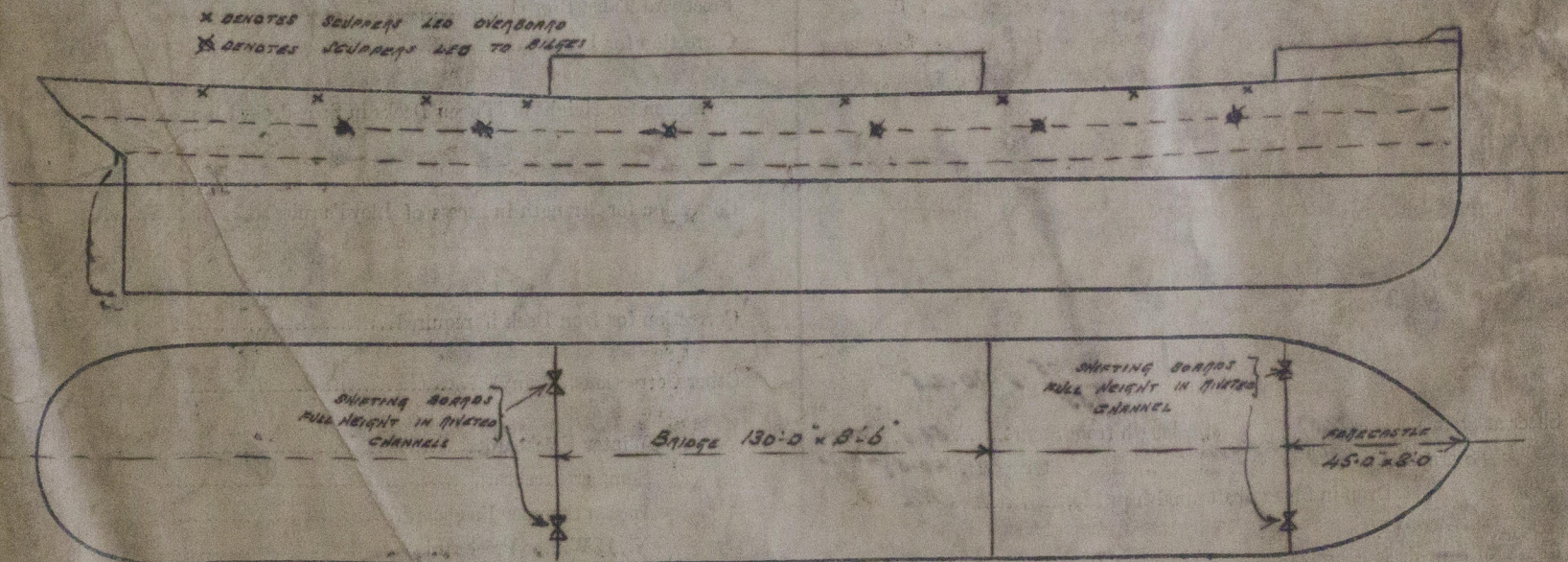


Do all the Frames extend to the top Height in the ~~main~~ <sup>SWINGING</sup> deck? *LONGITUDINAL FRAMING*  
 Do all the Frames extend to the top height in the Poop? *✓* Bridge House? *LONGITUDINAL FRAMING* Forecastle? *LONGITUDINAL FRAMING*  
 To what height do the Reverse Frames extend? *✓*  
 Has the Poop an efficient Iron Bulkhead at the fore end? *✓*  
 Give particulars of the means for closing the openings in Bulkhead *✓*  
 Is the Poop connected with the Bridge House? *✓* 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? *44, 48, 52* and Coaming plate? *VERTICAL PLATING*  
 Give scantlings and spacing of the Stiffeners *11x85x52 RULL ANGLES - SPACED 36", 42" & 48"*  
 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? *SHIFTING BORDOS FULL HEIGHT IN PIVOTED CHANNELS*  
 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, Deck, *Yes*  
 or enclosed by a Strong Iron or Steel Deckhouse?  
 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'-0" above Bridge Deck* 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 Hatchway 23'-6" x 18'-0"		Nos 2 & 5 Hatchways 33'-0" x 18'-0"		Nos 3 & 4 Hatchways 12'-0" x 18'-0"		No 6 Hatchway 24'-0" x 18'-0"			
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	30	24	30	24	30	24	30	24		
Thickness { Sides.....	44	44	4		SHIPS AS NO 1 HATCH					
Ends.....	44	44								
SHIFTING BEAMS OR WEB PLATES.										
Number.....	4	4	6	6	2	2	4	4		
Section and Scantlings.....	PLATE 16x11/8x34 4 ANGLES 4x3x44		SHIPS AS NO 1 HATCH STEEL		PLATE 14x9/8x34 4 ANGLES 4x3x44		SHIPS AS NO 1 HATCH STEEL			
Material.....	STEEL				STEEL					
* FORE AND AFTERS.										
Number.....										
Section and Scantlings.....			NO FORE AND AFTERS		AFTERS					
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		
Remarks.....				GOOD		AND EFFICIENT				

\* 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.)



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 *THIS VESSEL IS A DUPLICATE OF THE S.S. "SANDOWN CASTLE"*  
*DO. REPORT NO 27969 - THE APPROVED MIDSHIP SECTION, PROFILE AND PLAN OF HATCH*  
*WEBS ARE ENCLOSED FOR REFERENCE*

Owners

Address

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Received by me

*See L.R. Rpt*

TO BE CHARGED ON COMPLETION



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