

Rpt. 11b.

EXT

N.W.C. 5/7/32  
Lfrances 21134

Verification Report.

MURKIN 14 DEC 1910

## Lloyd's Register of British &amp; Foreign Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS. No. 24674.

21374

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 15<sup>th</sup> November 1910

Name of Surveyor J. Allan

PENDENNIS. *Blaptox*Ship's Name. SIR ARTHUR

Port of Registry and Nationality. London British

Official Number. 129164

Gross Tonnage. 2001

Date of Build. 1910

Particulars of Classification.

+ 100 ft.  
(Contemporary)

Number in Register Book

Registered Com er.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	280.0	40.5	18.5	1762.80
	279.4	40.5	18.5	1762.80
	279.53	39.92	19.5	1762.80

ment of fineness .....	81 x
ification necessary {	- 02 Bell. 8.13.
ra. 4 (a) to (e) *]	
ment as corrected .....	79 x
Stem... 7.3 } 10.6 ÷ 2 = 63.3 Mean	
Sternpost... 3.3 }	
of the length from Stem 4.3 } 6.1 ÷ 2 = 36.75 Mean	
Sternpost 1.100 } ÷ 2 = 66.8	
mean Sheer ..... 64.9 63.00	
mean Sheer (Table, Para. 18) ..... 37.93 Correction	
Difference..... 26.97 25.07.4 = 6.87	
ited as Para. 18 (f)..... 67.4 6.87 - 67.4	

in Sheer { At front of bridge house.....	
midships { At after end of forecastle .....	
18 (e)]	

in sheer {	÷ 2 =
18 (d)]	
uncovered .....	Correction

## ALLOWANCE FOR DECK ERECTIONS:—

ard, Table C..... 1 - 6.12	
tion for Length, if required (Para. 12, 13, and 14) .....	
1 - 8.18	
ard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) 3 - 10.40	
nce ..... 2 - 2.28	
age as below..... 6.30	

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

Allowance for Deck Erections .....

Length.	Length allowed.	Height.
Forecastle..... 29.0	29.0	
Bridge House ..... 57.0	57.0	
+ Raised Qr. DK.....		{ 7.0
Poop..... 25.0	25.0	
Total ..... 108.0	= 88.6	
Length of Ship .....	279.33	
Corresponding percentage { (Para. 11, 12, 13, or 14) 24.12%.		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck: 3' 2 1/2" 3' 3 1/2"

Fresh Water Line above centre of Disc

Indian Summer Line "

Winter Line below "

Winter North Atlantic Line "

Amended Tables

Mar., 1906.

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.

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? *yes* Bridge House? *yes* Forecastle? *yes*  
 To what height do the Reverse Frames extend?  
 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 *no openings*  
 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? *.36* and Coaming plate? *.40*  
 Give scantlings and spacing of the Stiffeners *7x3x.58* *Bulk Angles spaced 20" 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? *Steel beams fitted in channels riveted to casings*  
 Is the Forecastle at least as high as the main or top-gallant rail? *7' 0"* 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 Dockhouse? *by Bridge House*  
 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' 8"* 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. 28' x 21'	No. 2. 19' x 22'	No. 3. 23' x 24'	No. 4. 19' x 24'	No. 5. 19' x 24'	No. 6. 30' x 22'
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING Height above top of DECK	3' 7"	3' 7"	3' 7"	3' 7"	3' 7"	3' 7"
SIDES	.50	.50	.50	.50	.50	.50
Thickness Ends	.40	.40	.40	.40	.40	.40
SHIFTING BEAMS OR WEB PLATES	3	3	1	1	1	3
Number Section and Scantlings Material	all webs as per stated Steel	all webs as per stated	all webs as per stated	all webs as per stated	1	3
FORE AND AFTERS	5	5	5	5	5	5
Number Section and Scantlings Material	MID. 8x8 8x8 SIDE 7x8x2 7x8x6	8x8 7x8x2	8x8 7x8x2	8x8 7x8x2	8x8 7x8x2	8x8 7x8x2
HATCHES Thickness	3"	3"	3"	3"	3"	3"
Remarks	Watertight everywhere 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.

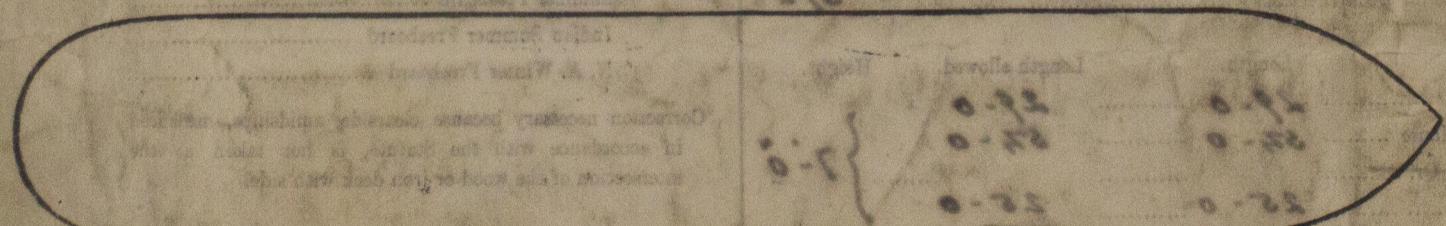
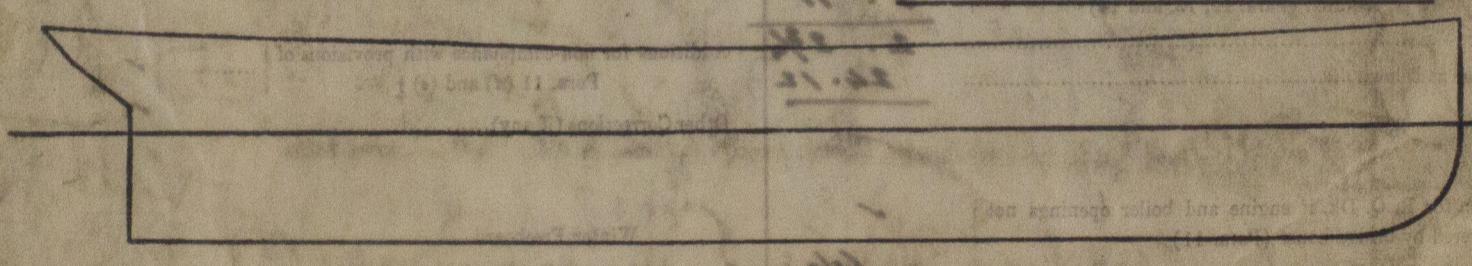
Length of Bulwarks in well

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

Ft. Tenth. Ft. Tenth. No.

Freeing Ports  
(each side of vessel) = Sq. ft.

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

The vessel is a duplicate of the S.S. San Francisco No 254  
No No 24474. There is a slight difference in the tonnage dimensions  
Owners and disposition of hatchways otherwise they are similar ships.  
The Mid Sec. Profile & Hullway Plans are enclosed.

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