

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

RETAIN

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR AWNING DECKS

Port of Survey Glasgow
Date of Survey while building
Name of Surveyor W. W. C. Meek.

Agreave Dockyard No 485.

Ship's Name <u>Calum Macnab</u>	Port of Registry and Nationality <u>Glasgow</u>	Official Number <u>144229</u>	Gross Tonnage	Date of Build <u>1920</u>	Particulars of Classification <u>100 A1 Awning deck with fbd. constr.</u>
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LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
<u>410.6</u>	<u>53.3</u>	<u>5 u.d. 25.45</u>	<u>4297.69</u>
<u>405</u>	Frame Depth 11 Rule " <u>6</u>	Ceiling <u>fitted</u> Sheer <u>+ .84</u>	Peak Tanks
	<u>5</u>	<u>level tank</u>	
	<u>-.83</u>		
<u>405</u>	<u>52.47</u>	<u>26.29</u>	<u>4297.69</u>

Moulded Depth as measured 28-0 Main Deck.
" " " 36-0 ~~Spar~~ Awning Deck.

nt of fineness77
ification necessary }
4 (a) to (e) } B.D.F.B.
nt as corrected75

e for strength in excess of Lloyd's rules = 3 1/2
Take A limit.

Particulars—
bulb angle frames extending
awning deck on every frame.
stiffened topsides.
complete steel decks and
deck clear of B.F.B.
Y. bulkheads, Collision to
deck, Others to upper deck.

4.5
.55 = 80.91
50.5
36 | 30.41
.84

Stem 102 7/8 at $\frac{1}{4}$ length from Stem 59 44.5
Sternpost... 54 mean " " Sternpost... 30 mean

Spar-deck Beam.....			
Main-deck ".....			
Length	x	Height.	State if open or closed at ends.
.....	x		
.....	x		
.....	x		

ARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :-	
<u>11. 20.</u> Fresh Water Line above centre of Disc	
Indian Summer Line " " "	
Winter Line below " " "	
Winter North Atlantic Line, " " "	

CORRECTION FOR LENGTH :-

Length of Ship on Load Line..... 405
Length in Table..... 336
Difference..... 69
Correction for 10ft..... .7
x Difference ÷ 10 = 4.83 + 4 3/4

Height of 'Tween Decks.....
(From top of beam to top of beam at side)
Correction for Height of 'Tween Decks in Spar-decked Ships..... 8-0

Freeboard Table ~~B~~ C..... 3-7 3/4
Correction for Length..... + 4 3/4
3-11 3/4
Correction for Height of 'Tween Decks in Spar-decked Ships..... 8-0
11-11 3/4

Correction for Strength in excess of Lloyd's rules..... - 2-7 1/2
9-4 1/4

Correction for Iron Deck if required..... - 3 1/2
9-0 3/4

Other Corrections (if any).....

Winter Freeboard..... 9-0 3/4
Summer Freeboard..... 8-6 1/4
Indian Summer Freeboard..... 7-11 3/4
N.A. Winter

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the ~~wood~~ or iron deck with side 3/4

Winter Freeboard from Deck Line..... 9-2 1/2
Summer " " "..... 8-8
Indian Summer " " "..... 8-1 1/2
N.A. Winter

Wood (Iron) Deck :- 8-8
7 3/4
6 1/2
6 1/2

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.

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Awning deck? *all to awning*

Do all the Frames extend to the top Height in the Spar deck?

Bridge House?

Forecastle?

Do all the Frames extend to the top height in the Poop?

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

Has the Bridge House an efficient Bulkhead at the fore end?

Is the Poop connected with the Bridge House?

Give particulars of the means for closing the openings in Bulkhead

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

Give scantlings and spacing of the Stiffeners

Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

Are bracket plates fitted at each end of the Stiffeners?

Has the Bridge House an efficient Iron Bulkhead at the after end?

How are the openings closed?

Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

Is the Forecastle at least as high as the main or top-gallant rail?

Are the Engine and Boiler openings covered by a Bridge, Poop, or enclosed by a Strong Iron or Steel Deckhouse?

No, partly protected by wing houses

If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Yes*

Give thickness of plating; scantlings and spacing of Stiffeners

Plating .35 Stiffeners 3x3x.30

What is the height of the exposed Casings? *7'-6"*

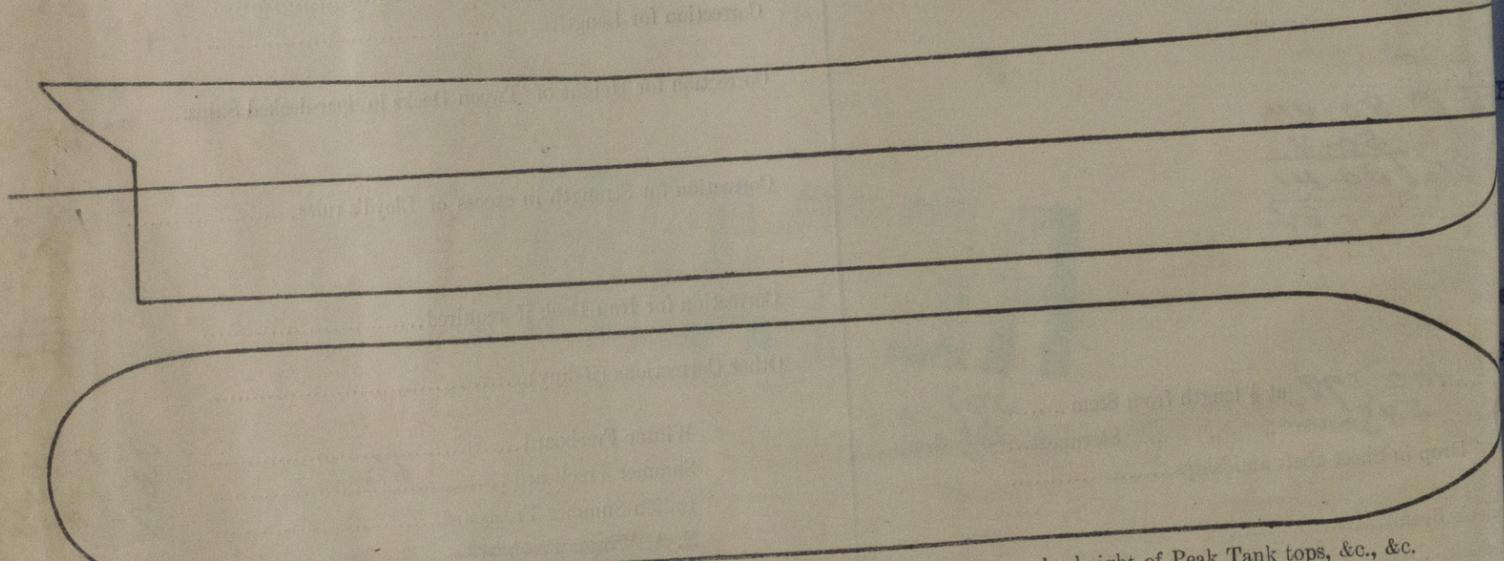
Are suitable means provided for closing all openings in them in bad weather? *Yes*

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:—

Position and Size.	WP-1 = 20-3x18-0		WP-2 = 30-0x18-0		WP-3 = 12-0x18-0		WP-4 = 30-0x18-0		WP-5 =	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.										
COAMING.	Height above top of DECK	<i>31</i>	<i>Similar to WP-1</i>	<i>Similar to WP-1</i>	<i>Similar to WP-1</i>	<i>Similar to WP-1</i>	<i>31</i>		<i>31</i>	
	Thickness	<i>.50</i>	<i>.44</i>	<i>.44</i>	<i>.44</i>	<i>.44</i>	<i>.44</i>		<i>.44</i>	
SHIFTING BEAMS OR WEB PLATES.	Number	<i>3</i>	<i>4</i>	<i>1</i>	<i>4</i>	<i>1</i>	<i>3</i>		<i>3</i>	
	Section and Scantlings	<i>75 16x.36</i>	<i>15x.36</i>	<i>Same as WP-2</i>	<i>4x3x.44</i>	<i>Same as WP-2</i>	<i>15 15x.36</i>		<i>15 15x.36</i>	
* FORE AND AFTERS.	Number	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		<i>1</i>	
	Section and Scantlings	<i>1L 4x3x.44</i>	<i>Rider 9x16</i>	<i>WP-2</i>	<i>WP-2</i>	<i>WP-2</i>	<i>WP-2</i>		<i>WP-2</i>	
HATCHES	Thickness	<i>2 1/2</i>	<i>2 1/2</i>	<i>2 1/2</i>	<i>2 1/2</i>	<i>2 1/2</i>	<i>2 1/2</i>		<i>2 1/2</i>	
	Remarks			<i>All webs 20" deep at sides</i>						

* 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.)

Scuttles from upper deck to bilge.



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

Owners

Address

Fee £

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