

Verification

Report No. 149

Index No. 27900  
(For London Office only)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS WITH  
TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED,

Port of Survey Vancouver, B.C.  
Date of Survey 17th June 1919  
Name of Surveyor John Whitehead

Ship's Name VALDARNO Port of Registry and Nationality London British Gross Tonnage 1919 Date of Build 1919 Particulars of Classification 100R1 Class Contemplated  
Builder J. Coughlan & Sons New "Atavita" of Savona  
Russel No. 9 "War Columns"

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
410.6	54.0	24.5	5148.28
410.0	54.18	24.5	5148.28
410.0	53.44	29.2	5148.28

Moulded Depth as measured..... 29.9"  
including peaks  
Addition for Keel below base line  
for draught record 2.40 inches.

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

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 410.0"  
Length in Table ..... 354.0"  
Difference ..... 56.0"  
Correction for 10ft., Table A. .... 1.5" Table C. .... .8"  
× Difference divided by 10 ..... 4.95" (if required.) 4.24"  
If  $\frac{1}{10}$ ths length covered divide by 2 + 8" + 4.12"

## CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{7}{10}$ ths length covered ..... .501  
Thickness of usual wood deck, less stringer ..... 3.5"  
3.5 × .501 = 1.75 - 1.75"

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 54.0  
Round of Beam ..... 13.5  
Normal round..... 13.5  
Difference ..... ✓ ÷ 2 =  
Proportion of Deck uncovered (Para. 19) ..... .499

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

Thickness..... 50.81  
In necessary } .02  
to (e)\* }  
Corrected ..... 46.79

..... 141 } 212 ÷ 2 = 106 ... Mean  
ost ... 41  
the length from { Stem 40 } 111 ÷ 2 = 55.5 ... Mean  
Sternpost 41 } 55.5 = 100.9  
Sheer ..... allowed 100.9  
In Sheer [Table, Para. 18] ..... 51.0 Correction  
Difference..... 49.9 ÷ 4 = 12.47  
as Para. 18 (f) ..... - 12.47

At front of bridge house..... ✓  
At after end of forecastle ..... ✓  
Sheer } ✓ ÷ 2 =  
(d) }  
Covered ..... ✓ Correction ✓

## ALLOWANCE FOR DECK ERECTIONS:—

Table C..... 4.24  
for Length, if required (Para. 12, 13 and 14) ..... 4.24  
by Table A. corrected for sheer, and for length, if required (Para. 12, 13 and 14) ..... 4.24  
as below..... 29.45 × 32.08 = 9.54  
100 32.08%  
9.62

for R. Q. Dk. if engine and boiler openings not  
ed by bridge house (Para. 11) ..... - 9.54  
for Deck Erections ..... - 9.54

Length.	Length allowed.	Height.
44.0	44.0	8.0
114.45	114.45	8.0
43.45	43.45	8.0
Total	<u>206.50</u>	<u>= .501</u>
of Ship	<u>410.00</u>	
onding percentage	<u>32.08%</u>	

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

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

Freeboard, Table A ..... 4.6  
Correction for Sheer ..... - 1.0  
Correction for Length ..... + 8  
Allowance for Deck Erections ..... - 9.54  
Correction for Round of Beam..... ✓  
Correction for fall in Sheer (if any)..... ✓  
Correction for Iron Deck (if required) ..... - 1.75  
Additions for non-compliance with provisions of  
Para. 11 (d) and (e) } ..... ✓  
Other Corrections (if any) ..... ✓

Winter Freeboard ..... 6.24  
Summer Freeboard ..... 5.94  
Indian Summer Freeboard ..... 5.44  
N. A. Winter Freeboard ..... ✓

Correction necessary because clearside amidships, measured  
in accordance with the Statute is not taken at the  
intersection of the iron deck with side. + 1.75

Winter Freeboard from deck line ..... 6.44  
Summer " " " " ..... 5.11  
Indian Summer " " " " ..... 5.64  
N. A. Winter " " " " ..... 5.11

• 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.



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 *to upper 5th alternately to Forecastle, Bridge & Poop 5th except after peak*  
 Has the Poop ~~Raised Quarter~~ Deck an efficient Iron Bulkhead at the fore end? *yes* *where they extend to upper 5th only*  
 Give particulars of the means for closing the openings in Bulkhead *Steel Hinged Doors*  
 Is the Poop ~~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 *W. I. Steel Hinged Doors*  
 What is the thickness of the Bridge Front plating? *40* and Coaming plate? *40*  
 Give scantlings and spacing of the Stiffeners *8" x 3 1/2" x 3 1/2" x 24.1" lb spaced 30"*  
 Are bracket plates fitted at each end of the Stiffeners? *Large Angle 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? *Steel Doors bolted & stormboards in riveted channels full height of openings*  
 Is the Forecastle at least as high as the main or top-gallant rail? *yes* Has the Forecastle an efficient Iron ~~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? *by Bridge House*  
 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 *yes*  
 What is the height of the exposed Casings? *yes* 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*

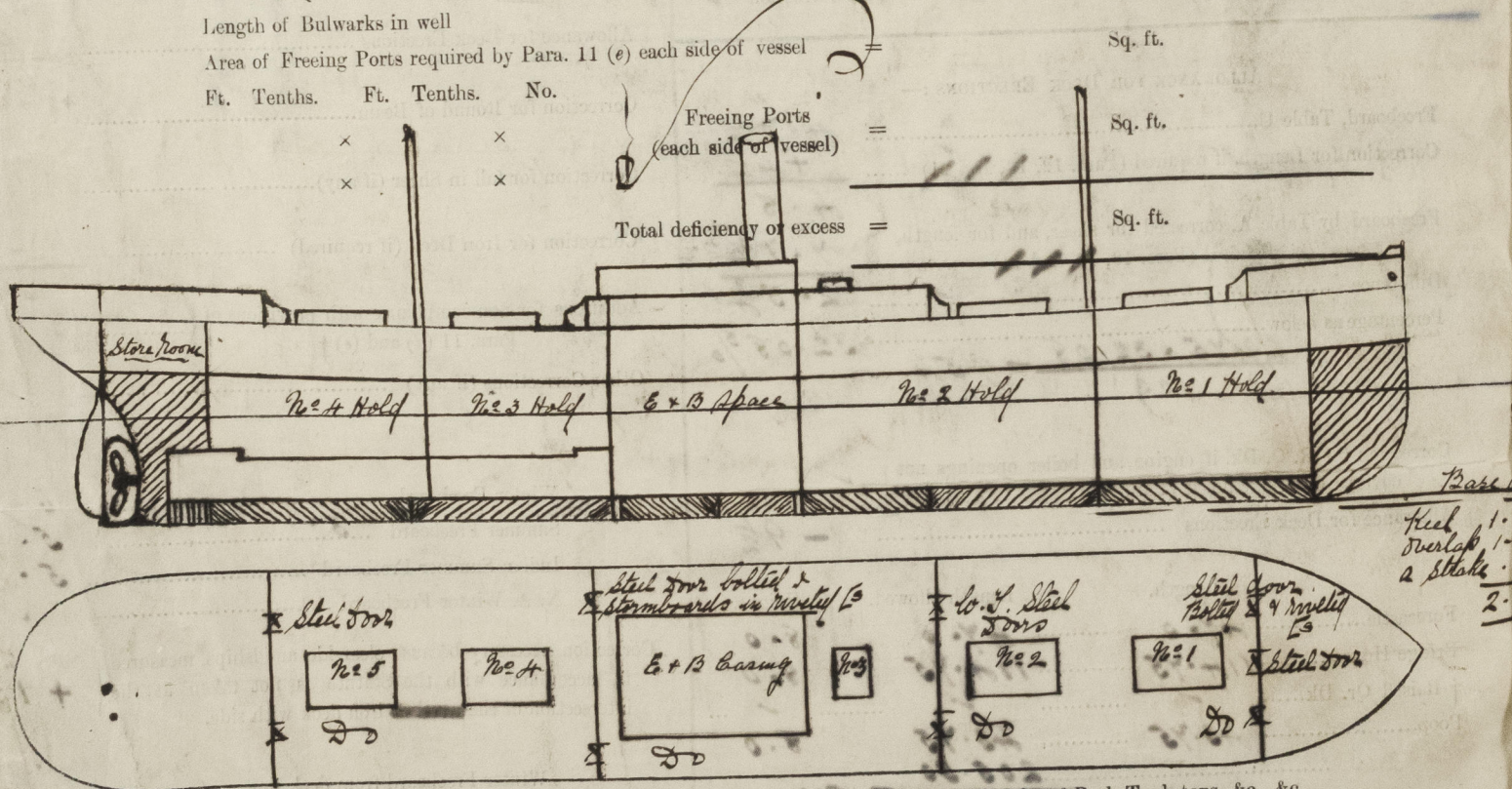
Position and Size.	No 1 - 31'-6" x 21'-0"		No 2 - 31'-6" x 21'-0"		No 3 - 15'-9" x 14'-0"		No 4 - 31'-6" x 21'-0"		No 5 - 31'-6" x 21'-0"	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Height above top of DECK	36"	36"	36"	36"	30"	30"	36"	36"	36"	36"
COAMING Thickness	Sides.....	.50	.50	.50	.50	.50	.50	.50	.50	.50
	Ends.....	.50	.50	.50	.50	.50	.50	.50	.50	.50
SHIFTING BEAMS OR WEB PLATES.	Number .....	5	5	5	5	5	5	5	5	5
	Section and Scantlings .....	14 1/2" x .36 plate	Do	Do	14 1/2" x .36 plate	Do	Do	Do	14 1/2" x .36 plate	Do
	Material .....	Steel	Do	Do	Steel	Do	Do	Do	Steel	Do
* FORE AND AFTERS.	Number .....	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Section and Scantlings .....	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Material .....	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
HATCHES Thickness .....	3	3	3	3	3	3	3	3	3	3
Remarks.....	good	good	good	good	good	good	good	good	good	good

\* 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.



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 constructed with poop, bridge & Forecastle Decks. Transverse framing 10" depth of girder, a request form is here attached. See Vancouver's Harbour Report No 432 of sister vessel 'War Cavalry'.*  
 Owners *Imperial Munitions Board (Many Owners) Messrs Raelburn & Goral Ltd*  
 Address *Glasgow & Liverpool*

Fee \$ 50 / 00

Received by me