

WED. MAR. 21 1923

N^o 13283Index No. 30845
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

ICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
PLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Aberdeen.Date of Survey whilst building.Name of Surveyor J. Richardson.

Ship's Name
COPTHORNE.
WIS. SONS L^d YARD N^o 94.
Number in Register Book

Port of Registry
and Nationality.
London.
British

Official
Number.
147472

Gross
Tonnage.
1450.02

Date of Build.
1923.

Particulars of Classification.

✱ 100. A. I. (contemplated.)

LENGTH. 234.2. BREADTH. 35.5. DEPTH. 16.7. UNDER DECK TONNAGE. 1114.22.

Moulded Depth as measured..... 18.7.

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

Addition for Keel below base line
for draught record. 2.18 inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 234.25.
Length in Table 223.00.
Difference 11.25.
Correction for 10ft., Table A. 1.1. Table C.
× Difference divided by 10 1.23. (if required.)
If $\frac{1}{10}$ ths length covered divide by 261.
= + $\frac{1}{2}$

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered
Thickness of usual wood deck, less stringer - $3\frac{1}{2}$

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 35.5
Round of Beam 9.
Normal round..... $8\frac{3}{4}$
Difference $\frac{1}{4}$ ÷ 2 = nil.
Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A $3 - 4\frac{1}{2} - 5\frac{1}{4}$
Correction for Sheer $5\frac{1}{4}$
Correction for Length $2\frac{3}{4} - 11.0$
Allowance for Deck Erections $2 - 11\frac{1}{2} - 3 - 0\frac{1}{2}$
Correction for Round of Beam..... $1 - 11\frac{3}{4}$
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) $3\frac{1}{2}$
Additions for non-compliance with provisions of
Para. 11 (d) and (e) † $1 - 7\frac{1}{2} - 8\frac{1}{4}$
Other Corrections (if any)

Winter Freeboard $1 - 7\frac{1}{2} - 8\frac{1}{4}$
Summer Freeboard $1 - 7\frac{1}{2} - 5\frac{1}{2}$
Indian Summer Freeboard $1 - 2\frac{3}{4}$
N. A. Winter Freeboard $1 - 10\frac{1}{2} - 11\frac{1}{4}$

Correction necessary because clearside amidships, measured
in accordance with the Statute is not taken at the
intersection of the steel deck with side. $1\frac{1}{2}$

Winter Freeboard from deck line $1 - 9\frac{3}{4}$
Summer " " " $1 - 6\frac{1}{2} - 7$
Indian Summer " " " $1 - 3\frac{1}{2} - 4\frac{1}{4}$
N. A. Winter " " " $2 - 0\frac{3}{4}$

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? *B.A. frames with wide spaced reverse bars as approved.*
 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? *Yes.* Has the Bridge House an efficient Bulkhead at the fore end? *Yes.*
 Give particulars of the means for closing the openings in Bulkhead *Bolted plates 4'6" x 3'6" secured by nut + screw bolts 6' apart passing thro. Bulkhead.*
 What is the thickness of the Bridge Front plating? *30"* and Coaming plate? *34"*
 Give scantlings and spacing of the Stiffeners *6 1/2" x 3" x 16" B. Angles spaced 30" apart.*
 Are bracket plates fitted at each end of the Stiffeners? *Yes at top, but not at bottom in way of Hatch* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Bulwark rail up.*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes.*
 How are the openings closed? *no openings.*
 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. with 3'6" in coaming with portable shutter in channels*
 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 deck and deck 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 *26 to 30 where exposed. Stiffeners 3" x 2 1/2" x 30 angles 30" apart.*
 What is the height of the exposed Casings? *7'3"* 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. 22'3" x 19'2" FORWARD 22'10" AFT.		No 2. 28'10" x 23'0"		No 3. 22'3" x 23'0"		No 4. 21'3" x 22'10" FORWARD 19'8" AFT.			
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING. Height above top of DECK	3'0"	as	3'0"	as	2'6"	as	2'6"	as		
Thickness	Sides.....	44"	44"	approved	44"	approved	44"	approved		
	Ends.....	44"	44"		44"		44"			
SHIFTING BEAMS OR WEB PLATES.	Number	4.	5.	5.	4.	4.	4.	4.		
	Section and Scantlings	15" x 13 1/2" x 38"	do.	do.	do.	do.	do.	do.		
	Material	steel.								
* FORE AND AFTERS.	Number									
	Section and Scantlings									
	Material									
HATCHES Thickness	2 1/2" W.W.	do.	do.		do.		do.			
Remarks.....	solid.									

* 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.

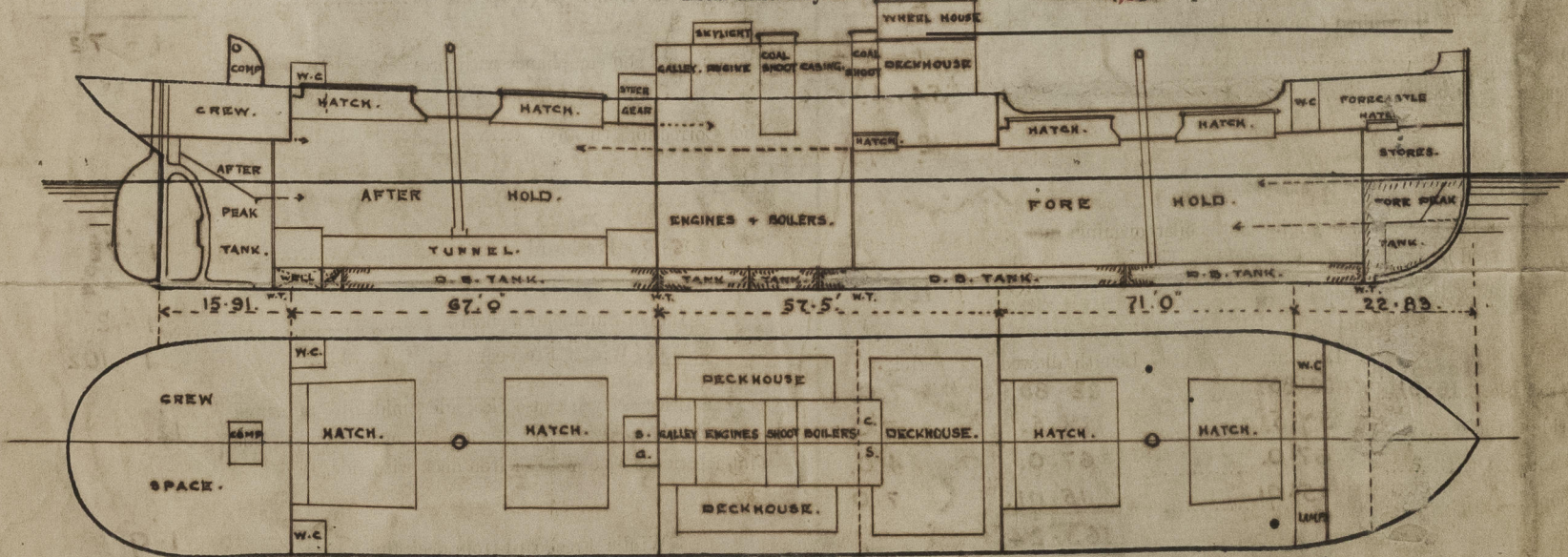
What is the thickness of the Bridge Sheerstrake? *30"* Strake between Main and Bridge Sheerstrakes? *30" and 40" at Bridge front in Poop + houses on Bridge. 78" after tapering to s.s.o. Sheer.*
 Delete the words { The Crew ~~are~~, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory.

Length of Bulwarks in well *M.D. = 71'0"*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *14.2* Sq. ft.

Ft. Tenths. Ft. Tenths. No. Freeing Ports (each side of vessel) = *14.625* Sq. ft.
 $3.25 \times 1.5 \times 3 \text{ FOR } 2$

Total deficiency or excess = *415* 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 plans of Profile + Section are forwarded herewith for reference.
 The "Maud Llewellyn" Abn. Report 12671. is a sister ship.

Owners *E. J. Lindley.*

" *Assess*

3 East India Avenue. London. C. C. 3.

Fee £ *5*

0.

Received by me

See 28. 12. 1904



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