

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

Index No. 29970
(For London Office only.)

WED. 18 MAY. 1921

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING ~~SPAR OR AWNING DECK~~ ^{SHELTER}

Port of Survey *Glasgow*
Date of Survey *during construction*
Name of Surveyor *Albert Bave*

Complete Shelter Deck without Lonnage opening
(Starboard & Wooff's 604)

Ship's Name **LINNELL** Official Number **145900** Gross Tonnage **6886.59** Date of Build **1921** Particulars of Classification **+100 R.I. Shelter Deck with freeboard**

Registered dimensions from Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	430.0	56.25	34.90	6886.59
on		Frame Depth 9	Ceiling +.20	Peak
INE	429.5	Rule <i>7 1/2</i>	Sheer +1.0%	Tanks
		<i>2 1/2 drop in</i>	<i>5" fault</i>	<i>+20</i>
ED	429.5	55.82	36.3%	6886.59
NS.		<i>.92</i>		

Moulded Depth as measured *29' 6"* Main Deck.
" " " *34' 6"* Spar or Awning Deck.

Base line to bottom of Red built 2 1/2"

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

Efficient of fineness *.489*
Modification necessary } *.02 Cellular St Bottom*
Para. 4 (a) to (e)* }
Efficient as corrected *.44*
Shelter Day 75 to main.

Advance for strength in excess of Lloyd's rules =

particulars— *Vessel constructed with 3*
steel decks
has 4 Watertight Bulkheads to
Stk, and 1 Bulkhead (aft peak)
in Stk
Wood deck fitted
strengthened Topsides
Angle Framing
Equal mean sheer
Standard
90.0
52.95
36 / 37.05
1.0%

at Stem *120* / at 1/2 length from Stem *66*
Sternpost... *60* / " " " Sternpost... *33*

Drop in Sheer abaft amidships..... ☒

SHELTER
End of ~~Spar~~-deck Beam..... *14*
" Main-deck " *14*

Length x Height. State if open or closed at ends.
Castle *36.5* x *8.0* *closed (see sketch)*
Large..... ☒ x
P..... ☒ x

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

<i>0.521</i>	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.... *429.5*
Length in Table..... *354.0*
Difference..... *75.5*
Correction for 10ft..... *.8*
x Difference ÷ 10 = *6.04* *+6"*

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~~..... *4.1 1/2*
Correction for Length..... *6*
Correction for Height of 'Tween Decks in Spar-decked Ships..... *8.0*
12.4 1/2
Correction for Strength in excess of Lloyd's rules..... *2.7*
(Table A limit.) *10.0*
Correction for Iron Deck if required..... *3 1/2*
Other Corrections (if any)..... *9-9*

Winter Freeboard..... *9-9 1/2*
Summer Freeboard..... *8-8*
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~~ iron deck with side *+ 1 3/4"*

Winter Freeboard from Deck Line *9-10 3/4*
Summer " " " *9-4 1/4*
Indian Summer " " " *8-9 3/4*
N.A. Winter " " " *9-4 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.

2m.11.1. T.

W500-0092

MARKING REPORT
8/12/21

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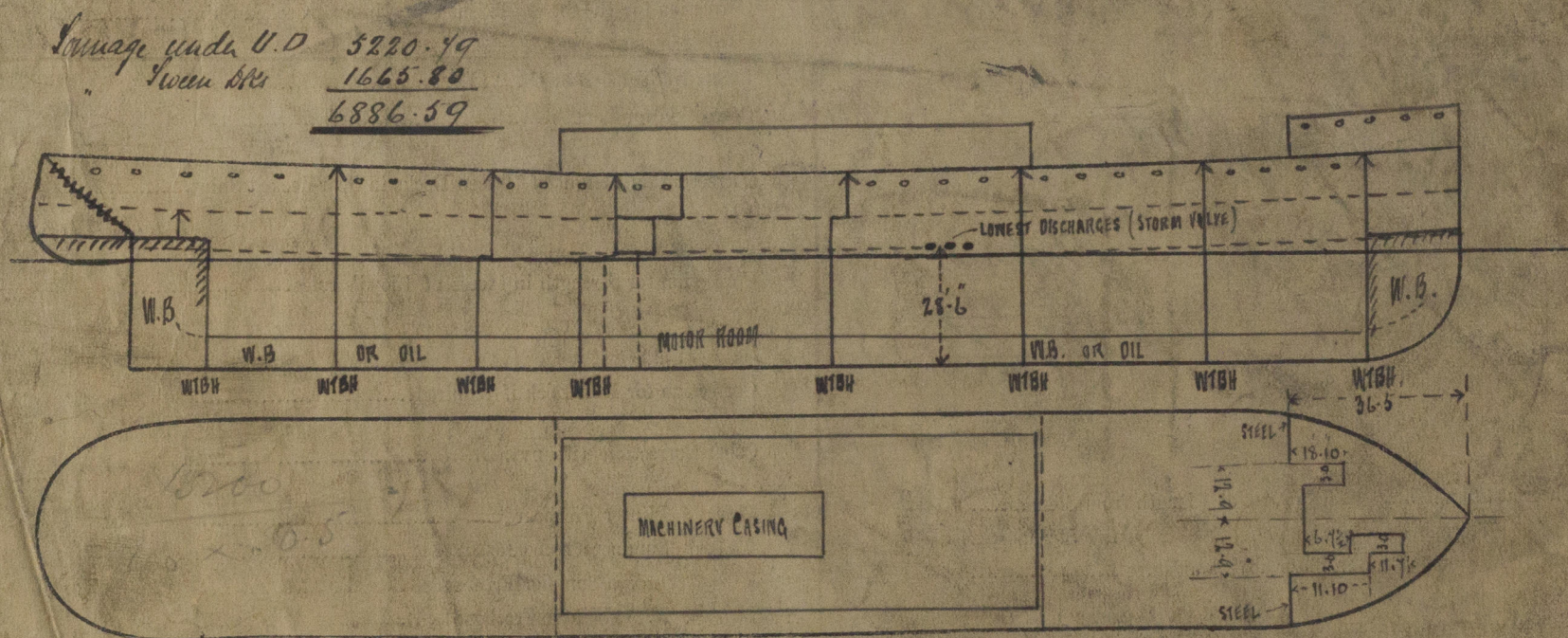
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Do all the Frames extend to the top Height in the Spar deck? *Alternately to Upper & Shelter*
 Do all the Frames extend to the top height in the Poop? *Yes*
 To what height do the Reverse Frames extend? *Across lower top - and to lower deck forward of 3/4 length in*
 Has the Poop an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Yes*
 Is the Poop 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 *Yes*
 What is the thickness of the Bridge Front plating? *Yes* and Coaming plate? *Yes*
 Give scantlings and spacing of the Stiffeners *Yes*
 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? *Yes*
 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 (see sketch)*
 Are the Engine and Boiler openings covered by a Bridge, Poop, *enclosed by strong steel deckhouse*
 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? *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.		N°1 = 24-3 1/2 x 18-0		N°2 = 35-4 x 18-0		N°3 = 17-8 x 18-0		N°4 = 11-0 1/2 x 18-0		N°5 = 18-8 1/2 x 18-0		N°6 = 22-1 x 18-0	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	30"		30"		33"		30		30		30	
	Sides	.40		.40		.44		.66		.66		.66	
	Thickness												
SHIFTING BEAMS OR WEB PLATES	Number	11		6		2		1		5		11	
	Section and Scantlings	16 x .34		16 x .36		12 x .34		17 1/2 x .36		16 x .38		15 1/2 x .36	
	Material	4 x 3 x .44		4 x 3 x .44		4 x 3 x .44		4 x 3 x .44		4 x 3 x .44		4 x 3 x .44	
* FORE AND AFTERS	Number	None		None		None		None		None		None	
	Section and Scantlings												
	Material												
HATCHES Thickness		2 1/2		2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
Remarks		7 x 3 x .46 Bull Angle fitted round Shelter Deck hatches.											

* 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 is a new vessel, and a sister ship to the same*
Builder's 3/4 Leighton N° 603 Glasgow Report N° 40743. Vessel has a complete Shelter Deck, and no
Longitudinal opening - See provisional assignment of Tonnage sent to Belfast dated 14 Oct 1919
Midship Section and Profile are enclosed for reference purposes, also Tonnage request
form, and displacement scale

Owners *Liverpool, Brazil & Riv. Plate S. N. Co*

Address

Fee £ *17* : *0* : *0*

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