

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No.

33212

(For London Office only.)

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

Copenhagen

Date of Survey

During building

Name of Surveyor

J. Buchanan

Ships Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
M.V. ABRAHAM LINCOLN	OSLO		5783.53	1929	+ 100 A1 with steel with freedom (CONTEMPLATED)
Number in Register Book	Norwegian				

Registered Length from Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	435.9	56.2	27.5	5213.97

Length on LOADLINE.	435	Frame Depth	12	Ceiling	fixed	Peak	2	Lucel
		Rule	4	Sheer	1.57	Tanks	5	
			5		27.84			
			2		6	Tanks	Top	

CORRECTED DIMENSIONS.	435.0	55.34	28.41	5213.97
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Co-efficient of fineness.....	.742
Any modification necessary [Para. 4 (a) to (e)]*	C.D.B
Co-efficient as corrected74

Sheer at Stem.....	115	163 1/2 ÷ 2 = 81 3/4	Mean	57
at Sternpost ...	48			
Sheer at 1/2 of the length from Stem	56 3/4	8 1/2 ÷ 2 = 40 3/4	Mean	74.09
Sternpost	24 3/4			
Gradual mean Sheer	74.09			
Standard mean Sheer [Table, Para. 18]	53.50			
Difference.....	20.59	÷ 4 = 5.14		
§ If limited as Para. 18 (f)		- 5 1/4		

Rise in Sheer from amidships [Para. 18 (e)]	At front of bridge house.....	
	At after end of forecastle	

Fall in Sheer Para. 18 (d)	0 ÷ 2 =	
Length uncovered		Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	4 - 6 1/4
Correction for Length, if required (Para. 12, 13, and 14)	

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)	7 - 2 1/2
Difference	2 - 8 1/4
Percentage as below.....	94.3%
	30.4

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.....	394 - 10 1/2	394.87	8-6
Bridge House			
Tonnage opening 5 - 1 1/2			
† Raised Qr. Dk.....			
Poop.....	35.0	33.5	8-6
Total		428.34	
Length of Ship		3.31 - 1/2 dff	
Corresponding percentage (Para. 11, 12, 13, or 14)	94.3%	431.68	1.993
		435.0	

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

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

Moulded Depth as measured..... 30 - 6 3/8 ± 2 1/2 x

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	435
Length in Table	366.62
Difference	68.38
Correction for 10ft., Table A.	1.5 Table C.
× Difference divided by 10	10.25 (if required.)
If 1/10ths length covered divide by 2	5.12
	+ 5"

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

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	
Thickness of usual wood deck, less stringer	3 1/2 - 3 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	55 - 8
Round of Beam	14
Normal round.....	14
Difference	÷ 2 =
Proportion of Deck uncovered (Para. 19)	NIL

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

Freeboard, Table A	4 - 4 3/4
Correction for Sheer	- 5 1/4
	4 - 2 1/2
Correction for Length	+ 5
	4 - 4 1/2
Allowance for Deck Erections	- 2 - 6 1/2
	5 - 1

Correction for Round of Beam.....	
Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required)	- 3 1/2
	4 - 9 1/2
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	
Other Corrections (if any)	

Winter Freeboard	4 - 9 1/2
Summer Freeboard	4 - 3 1/2
Indian Summer Freeboard	3 - 9 1/2
N.A. Winter Freeboard	

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

NIL (N.V.)

Winter Freeboard from deck line	4 - 9 1/2
Summer " " "	4 - 3 1/2
Indian Summer " " "	3 - 9 1/2
N.A. Winter " " "	

Winter Freeboard from deck line

Summer " " "

Indian Summer " " "

N.A. Winter " " "

Winter Freeboard from deck line

Summer " " "

Indian Summer " " "

N.A. Winter " " "

Winter Freeboard from deck line

Summer " " "

Indian Summer " " "

N.A. Winter " " "

† 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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© 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 standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

Do all the Frames extend to the top height in the Poop? ☒ *Yes* Raised Quarter Deck? ☒ *Yes* Bridge House? ☒ Forecastle? ☒

To what height do the Reverse Frames extend? ☒ *Yes*

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 *Storm boards in Rudder channels to full height of 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? ☒

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 bracket plates fitted at each end of the Stiffeners? ☒ *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ☒

Has the Bridge House an efficient Iron Bulkhead at the after end? ☒ *Bulkheads in Gangway opening*

How are the openings closed? *Storm boards in Rudder channels, felled to full height of open (Gen. letter 20/12)*

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? ☒

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *with upper deck covered by superstructure deck.*

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? ☒ 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.	No. 1 - 29.3 x 18.0		No. 2 - 37.11 x 18.0		No. 3 - 35.35 x 18.0		No. 4 - 35.22 x 18.0		No. 5 - 32.6 x 18.0	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	3.0		3.0		3.0		3.0		3.0	
Thickness	Sides	48	"	"	"	"	"	"	"	"
	Ends	44								
SHIFTING BEAMS OR WEB PLATES.	Number	5	"	"	"	"	"	"	"	"
	Section and Scantlings	angle 6 x 3 1/2 x 11								
	Material	100 x 75 x 11								
* FORE AND AFTERS.	Number	none	"	"	"	"	"	"	"	"
	Section and Scantlings									
	Material									
HATCHES Thickness	3" Pine		3"		2 1/2"		2 1/2"		3"	
Remarks	Longitudinal.									

* 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 ^{upper} Bridge Sheerstrake? *83* Strake between ^{upper} Main and Bridge Sheerstrakes? *72*

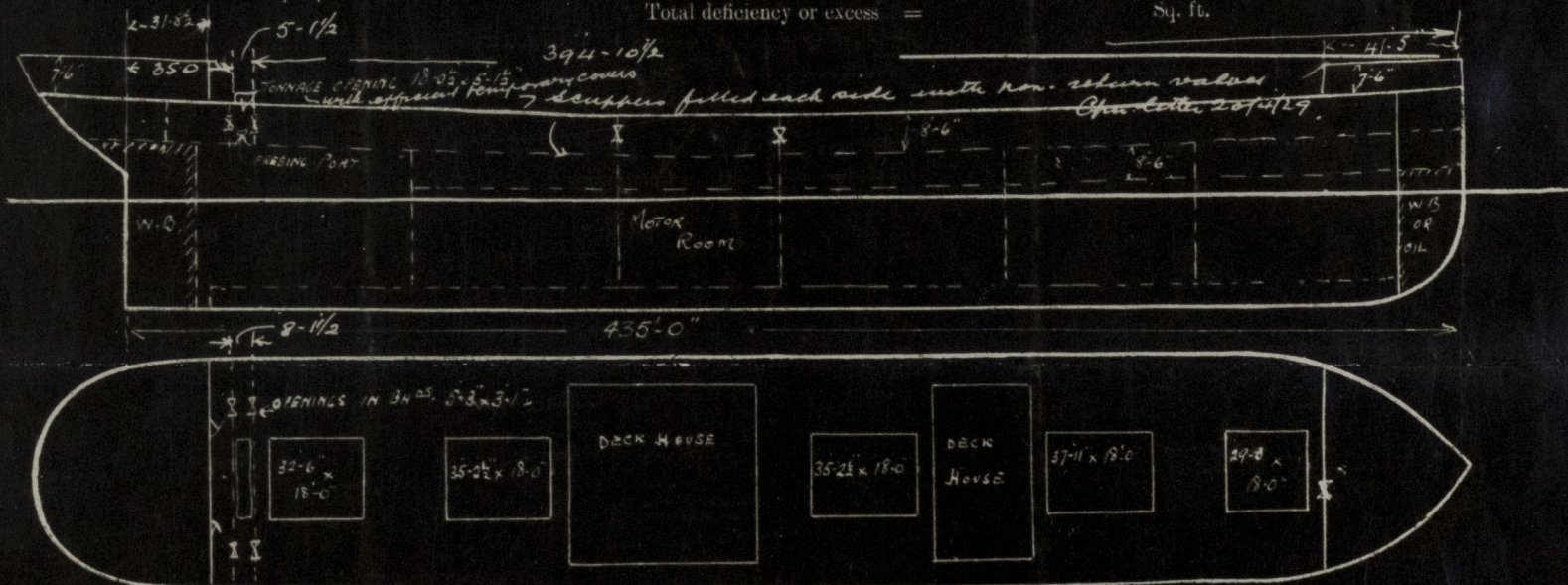
Delete the words ☐ The Crew are, are not, berthed in the bridge house.
that do not apply ☒ The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well *Gomage well* *8 1/2"*

Area of Freeing Ports required by Para. 11 (c) each side of vessel = *5 1/2* Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	Freeing Ports (each side of vessel)	=	<i>5 1/2</i>	Sq. ft.
2.44	x	2.08	x	1				

Total deficiency or excess = *5 1/2* 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

Builder's name and yard number *Oleuse Staatskeisvaart No 32*

Names of sister vessels *No 35 to Lollon.*

Owners *Fred Olsen & Co. Oslo*

Address

Fee £

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