

Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. (For London Office only.)

14 MAR 1921

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 *Nakskov*
Date of Survey *While building*
Name of Surveyor *J. Macleod*

Ship's Name. *"LALANDIA"*
Port of Registry and Nationality. *Copenhagen Danish*
Official Number. *4021*
Gross Tonnage. *1927*
Date of Build. *1927*
Particulars of Classification. **100 A.1. with Flood class contemplated.*

Number in Register Book
Registered Dimensions from Ship's Register.
LENGTH. *389.80*
BREADTH. *53.40*
DEPTH. *25.20*
UNDER DECK TONNAGE. *4021*
Frame Depth *12*
Rule *6*
Ceiling *fitted*
Peak *incl.*
Sheer *2 1/2*
Tanks
x2 = 1.0
Spanning fitted
Depth to underside of ceiling 25.39
+ .48
25.68
25.87
4021

Moulded Depth as measured..... *28' 0"*

Addition for Keel below base line for draught record..... *1 1/2* 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..... *390' 0" 389.75*
Length in Table *336.0*
Difference *54.0 53.75*
Correction for 10ft., Table A. *1.4* Table C.
× Difference divided by 10 *7.562* (if required.)
If 1/10ths length covered divide by 2 *3.786* *+ 3 3/4"*

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..... *51' 9"*
Round of Beam *13 1/4"*
Normal round..... *12.94*
Difference *.31* ÷ 2 = *.15*
Proportion of Deck uncovered (Para. 19) *.006*

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

Co-efficient of fineness..... *.766 .761*
modification necessary } *.02*
Para. 4 (a) to (e)]*
Co-efficient as corrected *.75 .74*

Stem *85.927.16*
Sternpost *1500.375*
10.91 ÷ 2 = *65.5* Mean *36.14.36*
48"
25"
73 ÷ 2 = *36.5* Mean
allowed *66.36 65.91* ÷ 55 = *66.36*
49.00 *48.97* Correction
17.36 *16.94* ÷ 4 = *4.34*
4.23
— *4 1/4"*

At front of bridge house.....
At after end of forecastle.....

÷ 2 =
Correction

ALLOWANCE FOR DECK ERECTIONS:—

Table C..... *3' 7 1/2"*
for Length, if required (Para. 12, 13, and 14)
by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) *6' 4 1/4 3 3/4*
2' 9 1/4"
93.6% *94.4%*
31.42 *39*
for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
for Deck Erections *2' 7 1/2"*

Length. Length allowed. Height.
362' 3" 362.25 8'
4' 0" 23.0 8'
22' 6" 23.6 8'
389.75 385.25
1/2 *2.35*
389.75 387.50 = *.994*
ling percentage } *94.4% 93.6%*
1, 12, 13, or 14)

BOARD 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 " " "

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.

Winter Freeboard *3' 9 1/2"*
Summer Freeboard *5 1/2 3-4*
Indian Summer Freeboard *2-10 1/2*
N. A. Winter Freeboard
3' 11 1/4
3-5 3/4
3-0 1/4
3-5 1/2
6'
5 1/2
5 1/2

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.

2021
Lloyd's Register Foundation
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Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? ☒ Bridge House? ☒ Forecastle? ☒

To what height do the Reverse Frames extend? *B.A. paning*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ☒

Give particulars of the means for closing the openings in Bulkhead ☒

Is the Poop or Raised Quarter Deck connected with the Bridge House? ☒ Has the Bridge House an efficient Bulkhead at the fore end? ☒

Give particulars of the means for closing the openings in Bulkhead *No doors. Windows with w.r. plate covers.*

What is the thickness of the Bridge Front plating? *40* and Coaming plate? *40*

Give scantlings and spacing of the Stiffeners *200 x 85 x 12.5" spaced 16"*

Are bracket plates fitted at each end of the Stiffeners? *Yes 150 x 150 x 13.5* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ☒

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

How are the openings closed? ☒

Is the Forecastle at least as high as the main or top-gallant rail? ☒ 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? *Enclosed by strong steel deckhouse*

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? ☒

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 Hatch 23'6" x 18'0"		No 2 Hatch 30'0" x 20'0"		No 3 Hatch 35'0" x 20'0"		No 4 Hatch 22'6" x 18'0"		Tonnage Opening
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING. Height above top of DECK	31 1/2"		31 1/2"		31 1/2"		31 1/2"		5' 9"
Thickness	Sides.....	.50	.50		.50		.50		.40
	Ends.....	.44	.44		.44		.44		.40
SHIFTING BEAMS OR WEB PLATES.	Number	4	5		6		4		
	Section and Scantlings	16" J.C. 36	7" J.C. 13 x 34		7" J.C. 13 x 34		7" J.C. 12 1/2 x 32		
	Material	Steel	Steel		Steel		Steel		
* FORE AND AFTERS.	Number	No	No		No		No		
	Section and Scantlings								
	Material								
HATCHES Thickness	3"		3"		3"		3"		
Remarks.....									

* 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?

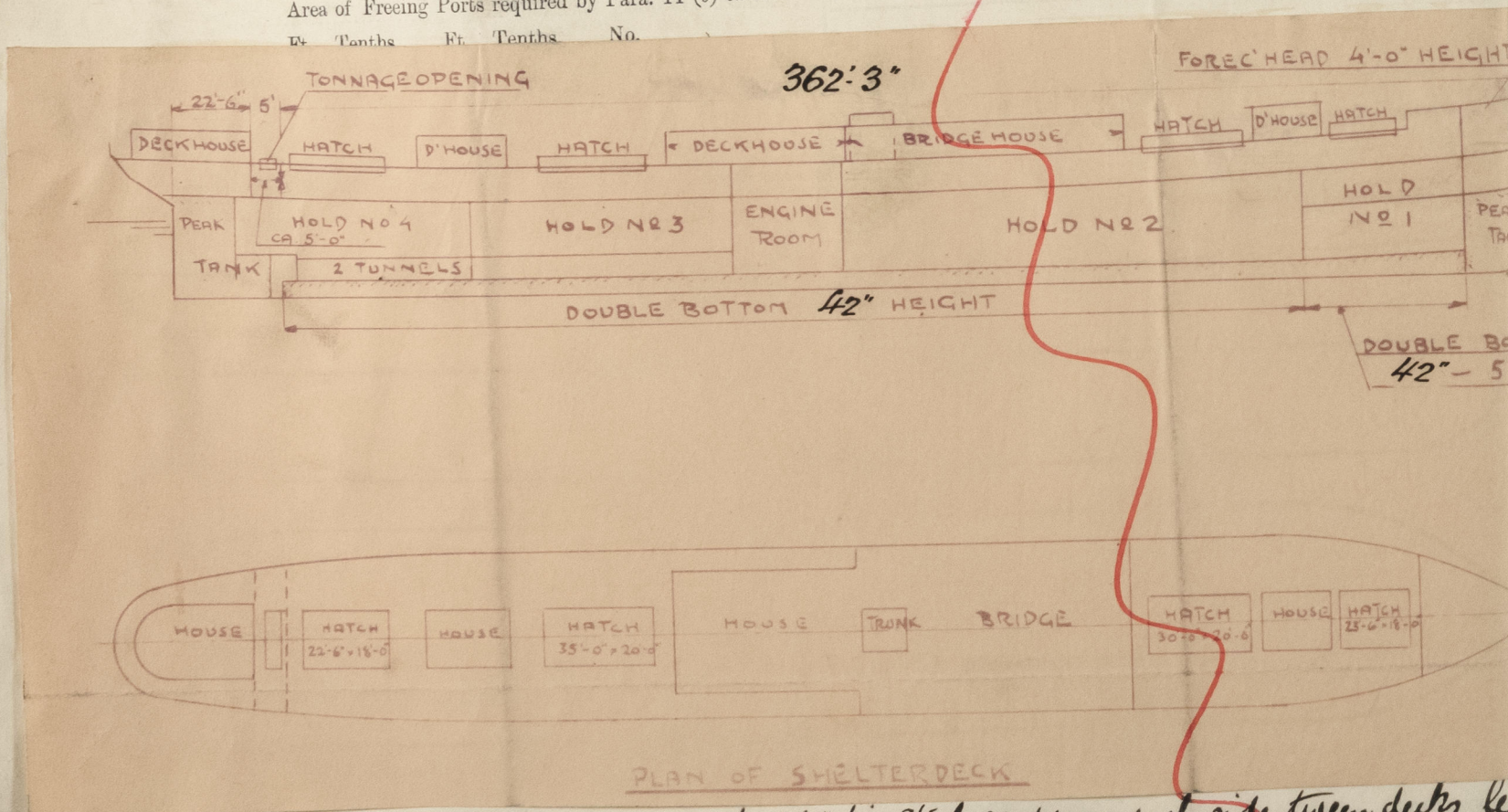
Delete the words } The Crew are, are not, berthed in the bridge house.
that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

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

Sq. ft.

Fr. Tenth. Fr. Tenth. No.



State any special features in the construction of the Vessel *4-3 1/2" dia steel scuppers each side tween decks lead thro' ship's side and fitted with storm valves.*

Builder's name and yard number *In tonnage well - freeing port (P.S.) 3'-1" x 15'1/2"*

Names of sister vessels *Efficient temporary covers fitted to tonnage opening on shelter deck*

Owners *A/S DET ØSTASIATISKE KOMPAGNI.*

Address *Copenhagen*

Fee £ 11- Received by me