

Verification Report.

Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.Index No. 33979
(For London Office only.)

-6 MAR 1931

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 HamburgDate of Survey 2nd of March 1931Name of Surveyor J. Christy R. K. Jones

Ship's Name.

J. H. Senior

Port of Registry and Nationality.

Danzig

Official Number.

v

Gross Tonnage.

2

Date of Build.

1931/3

Particulars of Classification.

+ 100 A1 carrying petroleum in bulk. Longitudinal framing

Registered dimensions from ship's Register.

LENGTH.

BREADTH.

DEPTH.

UNDER DECK TONNAGE.

521' 3 1/2 70.34 38.91 11586.11

Length on

Frame Depth

Ceiling

LOADLINE.

520'

Rule

Peak

CORRECTED

DIMENSIONS.

520'

70.3'

40.34

11681.61

Moulded Depth as measured... 38.9'

Rule deck less stringer - 3 1/4'

Addition for Keel below base line 38.8' - 4.9' to use

for draught record... 2' inches.

5 3/4'

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

38'-9"
1'-5 1/2"
40'-2 1/4"
1'-3"
38'-11 1/4"

CORRECTION FOR LENGTH.

Length of Ship on Loadline... 520'

Length in Table... 462' 461.75'

Difference... 58' 2.25'

Correction for 10ft., Table A... 1.7'

× Difference divided by 10... 9.86' (if required.) 4.64' 66

If 10ths length covered divide by 2 + 9 3/4 10' + 4 3/4'

CORRECTION FOR IRON DECK.

Proportion covered, if less than 70ths length covered...

Thickness of usual wood deck, less stringer... 3 1/4'

Allowed as reduced moulded depth

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships... 70' 0'

Round of Beam... 17 1/4'

Normal round... 17 1/2'

Difference... 1/4' ÷ 2 = 1/8'

Proportion of Deck uncovered (Para. 19)...

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

Co-efficient of fineness... 793.792 (-7935)

Any modification necessary } Bottom Lengths

[Para. 4 (a) to (e)]*

Co-efficient as corrected... 79

Sheer { Stem 120' } 201 ÷ 2 = 100.5' Mean

at { Sternpost 81' } 36 1/4 36

Sheer at 1/8 of the length from { Stem 72 1/2' } 117 ÷ 2 = 58.5' Mean

{ Sternpost 44 1/2' } 1.23

Gradual mean Sheer... 103.43' ÷ 55 = 106.36'

Standard mean Sheer [Table, Para. 18]... 62.0'

Difference... 41.43' ÷ 4 = 10.36'

§ If limited as Para. 18 (f) ... -10 1/2'

Rise in Sheer { At front of bridge house... }

from amidships { At after end of forecastle... }

[Para. 18 (e)]

Fall in Sheer { nil ÷ 2 = }

Para. 18 (d)

Length uncovered... Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C... 11'-1 1/4" - 3'-3" = 7'-10 1/4"

Correction for Length, if required (Para. 12, 13, and 14) ... + 4 3/4"

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) ... 8'-3"

Difference... 11'-0 3/4"

Percentage as below... 2'-8 3/4" 9 3/4%

16.58%

5.42.60

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ... 5 1/2'

Allowance for Deck Erections... 5 1/2'

Length.

Length allowed.

Height.

Forecastle... 41'-6" 41.5' 7'-6"

Bridge House... 40'-1" 40.08'

+ Raised Qr. Dk... 54'-10" 54.84'

Poop...

Total... 136.42' 2623

Length of Ship... 520.0

Corresponding percentage { 16.58%

(Para. 11, 12, 13, and 14)

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 " " "

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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 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.

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.

F.W. = $\frac{23850}{40 \times 77.2} = 7.72$

002401-002404-0082

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Do all the Frames extend to the top height in the Poop? ☒ *Longitudinal framing fitted*
 To what height do the Reverse Frames extend? *yes 10' plating, 11' coaming*
 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 *2 hinged w.t. doors 5-3 1/2 x 1-8 1/2 with turnbuckles*
 Is the Poop or 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 *one hinged w.t. door 5-3 1/2 x 1-8 1/2 and 2 hinged w.t. doors 5-3 1/2 x 1-8 1/2 with turnbuckles*
 What is the thickness of the Bridge Front plating? *10' 3/4" .39 and Coaming plate 11' 3/4" .43*
 Give scantlings and spacing of the Stiffeners *C 200, 75, 11.5 in 762" spacing*
 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? *one hinged w.t. door 5-3 1/2 x 1-8 1/2 with turnbuckles, 2 openings 4-2 1/2 x 3-2 1/2 close with hook bolts in 310" space*
 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*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *yes, by II. bridge except between 43 & 50 where boiler casing exposed (see plan)*
 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 *at boiler casings coaming 12.25, plating 10.25 stiffeners C 240, 90, 75 in 608" space*
 What is the height of the exposed Casings? *7' 6"*
 Are suitable means provided for closing all openings in them in bad weather? *yes, w.t. doors*
 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.	14' off 6' x 4'	6' off 5' x 4'	one off 9' x 10'	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Rule.
Height above top of DECK	2' 8"		2' 8"		2' 4"				
COAMING Thickness	Sides 10' 1/2"		10' 1/2"		10' 1/2"				
	Ends 10' 1/2"		10' 1/2"		10' 1/2"				
SHIFTING BEAMS OR WEB PLATES	Number		none		none				
	Section and Scantlings		none		none				
	Material		none		none				
* FORE AND AFTERS	Number		none		none				
	Section and Scantlings		none		none				
	Material		none		none				
HATCHES Thickness	10' 1/2"		10' 1/2"		9' 1/2"				
Remarks									

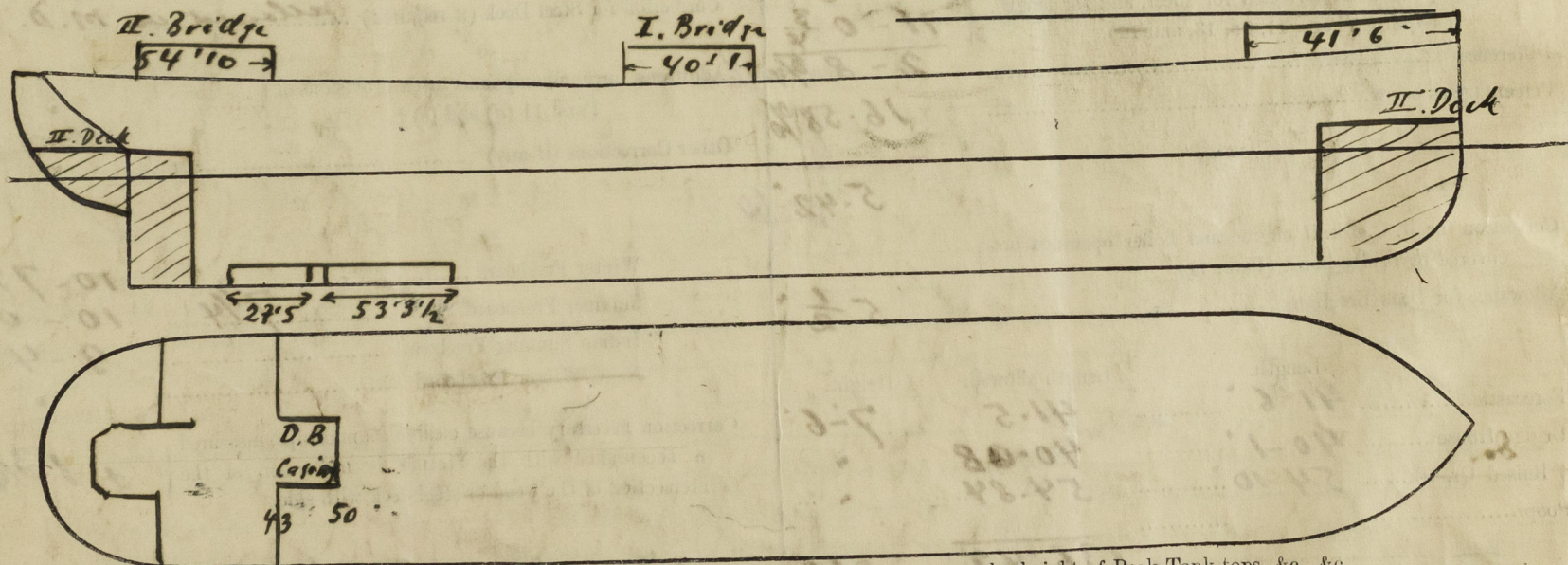
* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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? ☒

Particulars of Displacement *as supplied by Builder for F.W. allowance*
 Displ. at 29' draft = 23,850 tons
 Tons pr. inch = 77.2
 Delete the words { The Crew ~~are~~ are not, berthed in the bridge house.
 { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory } *even for passengers fitted.*
 Length of Bulwarks in well
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = ☒ Sq. ft.
 Freeing Ports (each side of vessel) = ☒ Sq. ft.
 Total deficiency or excess = ☒ 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 *Kordseewerke Lunden No 173*

Names of sister vessels *Heinrich von Riedemann*

Owners *Standard Shipping Company*

Address

Fee £ 15 : 0 : 0

Received by me *charged with first entry*

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