

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

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 (Nakskov)*
Date of Survey *White building*
Name of Surveyor *J. J. Th. Lyderseu*

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<i>S/S "SLASK"</i>	<i>Gdynia</i> <i>Polish</i>	<i>✓</i>		<i>1931-32</i>	<i>100 A. 1. with freeboard.</i> <i>Strengthened for navigation in ice.</i>
Number in Register Book					

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>232.5</i>	<i>35.8</i>	<i>17.9</i>	<i>1095.98</i>
Length on LOADLINE.	<i>231.07</i>	Frame Depth $\frac{1}{2}$ Rule " $\frac{3}{4}$ $\times 2 = .42$ <i>spanning fitted</i>	Ceiling <i>fitted</i> Sheer $+ .21$ <i>to tank top</i> <i>18.35</i>	Peak } <i>incl.</i> Tanks } <i>for tween deck frames - 2</i> <i>for raised tank top in R. = +2</i>
CORRECTED DIMENSIONS.	<i>231.04</i>	<i>35.38</i>	<i>18.56</i>	<i>1095.98</i>

Co-efficient of fineness..... *.422*
Any modification necessary } *C. D. B.*
[Para. 4 (a) to (e)]* }
Co-efficient as corrected *.40*Moulded Depth as measured..... *20.34*
= 20'-4"
Addition for Keel below base line for draught record..... *.80* 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..... *231.07*
Length in Table *244.08*
Difference *13.01*
Correction for 10ft., Table A. *1.2* Table C. *.6*
 \times Difference divided by 10 *1.585* (if required.) *.48*
If $\frac{1}{10}$ th length covered divide by 2 *- 1 1/2"* *- 3/4"*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ th length covered *.482*
Thickness of usual wood deck, less stringer *3 1/2"*
 $3.5 \times .482 = 1.69$ *- 1 3/4"*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *35.76*
Round of Beam *9"*
Normal round..... *8.94*
Difference *.06* $\div 2 = .03$
Proportion of Deck uncovered (Para. 19) *nil.*

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

Rise in Sheer { At front of bridge house..... *M.* *0.08*
from amidships {
[Para. 18 (e)] { At after end of forecastle *M.* *0.90*Fall in Sheer {
Para. 18 (d) { *0* $\div 2 =$ *✓*
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... *1'-4"*
Correction for Length, if required (Para. 12, 13, and 14) *-0 3/4"*
1'-3 1/4"
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } *3'-6"*
Difference *2'-2 3/4"*
Percentage as below..... *28.49%*
*4.40*Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) *✓*
Allowance for Deck Erections *- 7 3/4"*

	Length.	Length allowed.	Height.
Forecastle..... <i>M.</i>	<i>6.9</i> = <i>22.64</i>	<i>22.64</i>	<i>2.035</i> = <i>6.68</i>
Bridge House <i>M.</i>	<i>18.414</i> = <i>60.41</i>	<i>60.41</i>	<i>2.285</i> = <i>7.50</i>
† Raised Qr. Dk.....			
Poop..... <i>M.</i>	<i>8.64</i> = <i>28.35</i> \times $\frac{2.29}{3.84}$ = <i>21.88</i>	<i>21.88</i>	<i>0.911</i> = <i>2.99</i>
Total	<i>111.42</i> = <i>104.93</i>	<i>104.93</i>	<i>45.41%</i>
Length of Ship	<i>231.04</i>	<i>231.04</i>	
Corresponding percentage (Para. 11, 12, 13, or 14)	<i>28.49%</i>		

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

	Fresh Water Line	above centre of Disc	
<i>80 DEC 1931</i>	Indian Summer Line	" " "	
	Winter Line	below " " "	
	Winter North Atlantic Line	" " "	

† 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.Freeboard, Table A *3'-9 1/2"*
Correction for Sheer *-1 3/4"*
3'-7 1/2"
Correction for Length *-1 1/2"*
3'-6"
Allowance for Deck Erections *- 7 3/4"*
2'-10 1/4"
Correction for Round of Beam..... *✓*
Correction for fall in Sheer (if any)..... *✓*
Correction for Steel Deck (if required) *- 1 1/4"*
2'-8 1/2"
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any) *for scantlings & to correspond with approved draft of 15'-10" for all seasons.* *1'-10"*
4'-6 1/2"
Winter Freeboard
Summer Freeboard } *4'-6 1/2" for all seasons*
Indian Summer Freeboard
N. A. Winter FreeboardCorrection necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. *+ 1 1/2"*
Winter Freeboard from deck line
Summer " " " } *4'-8" for all seasons*
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.

MARKING FORM
11 JAN 1932
RECEIVED

009232 - 009234 - 0045

Do all the Frames extend to the top height in the Poop? *yes.* Raised Quarter Deck? *✓* Bridge House? *ck. alt.* Forecastle? *yes.*
 To what height do the Reverse Frames extend? *✓*
 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? *No.* Has the Bridge House an efficient Bulkhead at the fore end? *yes.*
 Give particulars of the means for closing the openings in Bulkhead *No openings.*
 What is the thickness of the Bridge Front plating? *8 M/M* and Coaming plate? *9 M/M*
 Give scantlings and spacing of the Stiffeners *180 x 75 x 11 M/M spaced 760 M/M apart.*
 Are bracket plates fitted at each end of the Stiffeners? *Lugged top & bottom* 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? *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.*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *yes.*
 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 the Rules? Give particulars below:— *yes.*

Position.	No. 1.	No. 2.	No. 3.						
Size.	6.6 x 3.96	7.158 x 4.57	10.176 x 4.57						
Height above top of DECK	810 Z	810 Z	810 Z						
COAMING. Sides.....	11 Z	11 Z	11 Z						
Thickness Ends.....	11 Z	11 Z	11 Z						
SHIFTING BEAMS OR WEB PLATES. Number	4.	4.	6						
Section and Scantlings	75 x 90 x 10.5	75 x 90 x 10.5	75 x 90 x 10.5						
Material	Steel.	Steel	Steel						
* FORE AND AFTERS. Number	✓	✓	✓						
Section and Scantlings	✓	✓	✓						
Material	✓	✓	✓						
HATCHES Thickness	65 Z	65 Z	65 Z						
Remarks.....	Wood.	Wood.	Wood.						

* 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 keel 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? *10.5 Z* Strake between Main and Bridge Sheerstrakes? *10.5 Z*

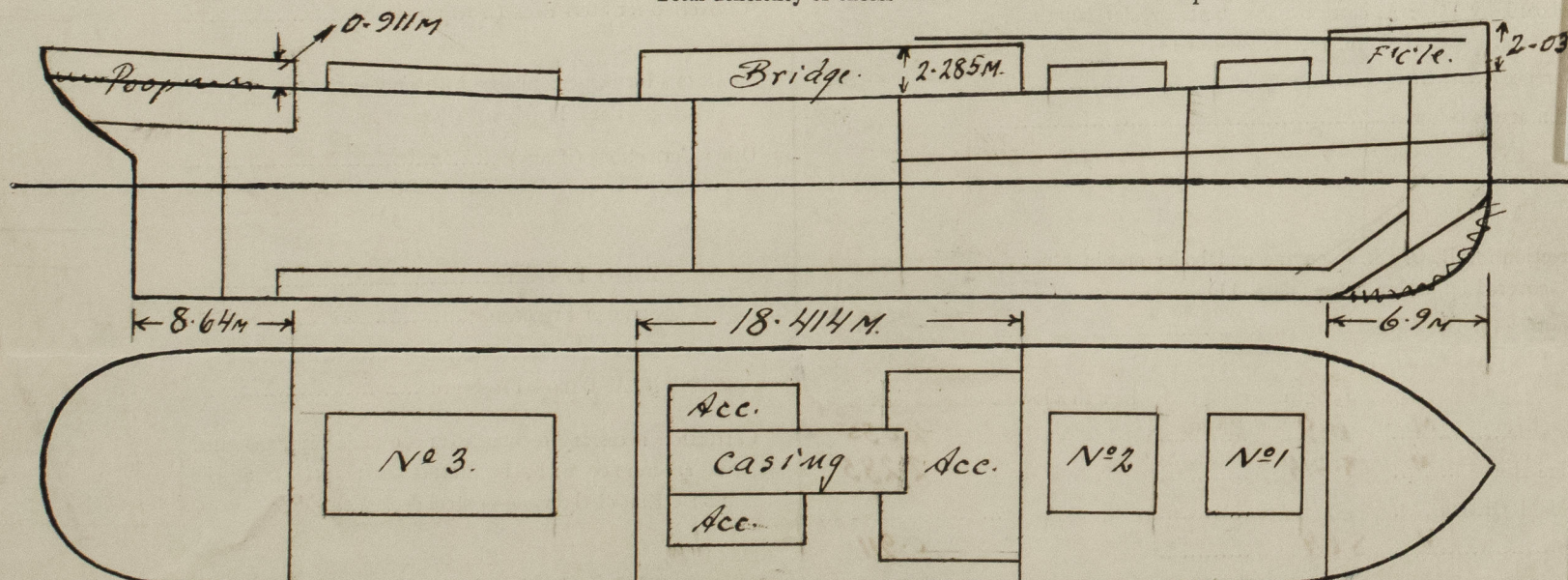
Delete the words { The Crew ~~are~~, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory.

Length of Bulwarks in well *Forw' well 20.952 M. After well 15.534 M.*

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

	Ft. Tenths.	Ft. Tenths.	No.		
Alt. well	680	230	3	Freeing Ports (each side of vessel) =	Sq. ft.
	840	230	4		
Forw' well	805	230	5		
	680	230	5		

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 *Vessel constructed for a moulded draught of 4.825 M.*

Builder's name and yard number *A/S Nakskov Skibsværft. Yard No 51.*

Names of sister vessels *Yard No 52.*

Owners *Przedsiębiorstwo Państwowe "Zegluga Polska", Gdynia.*

Address

Fee ± To be charged with first entry Received by me *✓*