

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
Date of Survey 11th November 1929
Name of Surveyor S. Sandusen

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
"GULDBORG" Mtd No. 36	Copenhagen Danish			1929/30	LR. 100 A 1
Number in Register Book					Complete superstructure vessel

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	ab. 386.3	ab. 54.2	ab. 25.43	ab. 4.270
Length on LOADLINE.	385.0	Frame Depth 11 ¹ / ₂ Rule " 6	Peak } incl. Tanks } Ceiling <u>11¹/₂</u> Sheer + 1.12 x 2 = - .88 Sparring fitted 25.67	
CORRECTED DIMENSIONS.	385.0	53.32	26.79	4270

Moulded Depth 28'-0"
~~+ Carbon deck~~
Addition for Keel below base line for draught record.....inches.

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

28.0
1-1/2
29-1/2
3-5/2
25.8

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 385'-0"
Length in Table 336.0
Difference 49.0
Correction for 10ft., Table A. 1.4 Table C.
× Difference divided by 10 6.86 (if required.)
If 1/10ths length covered divide by 2 3.43
+ 3 1/2

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer 3 1/2" ~~Stringer plate second deck 42"~~
— 8 1/2"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 54'-0"
Round of Beam 13 1/2"
Normal round..... 13 1/2"
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.

Co-efficient of fineness..... .777
Any modification necessary {
[Para. 4 (a) to (e)]* }
Co-efficient as corrected46 provisionally

Sheer { Stem..... 9'-0 1/4"
at { Sternpost ... 5'-6" } 174.25 ÷ 2 = 87.12 Mean
Sheer at 1/2 of the length from { Stem 5'-2 1/4"
Sternpost 2'-11 3/4" } 98.0 ÷ 2 = 49.0 Mean
Gradual mean Sheer allowed 88.10 ÷ 55 = 89.09
Standard mean Sheer [Table, Para. 18] 48.50 Correction
Difference..... 39.60 ÷ 4 = 9.90
§ If limited as Para. 18 (f) - 10"

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

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 3'-7 1/2"
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) 5'-11"
Difference 2'-3 1/2"
Percentage as below..... 94.4%
25.96

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections - 2'-2"

	Length.	Length allowed.	Height.
Forecastle.....	348'-11 1/4"	348.62	8'-6"
Bridge House.....	4'-2 1/2"		
Poop.....	31'-10 1/4"	31.21	8'-6"
Total	385.0	379.83	
Length of Ship		2.58 - 1/2 diff	
Corresponding percentage { (Para. 11, 12, 13, or 14) }	94.4%	382.41	.994
		385.0	

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	" " "	...

Winter Freeboard 3'-9"
Summer Freeboard 3'-3 1/2"
Indian Summer Freeboard 2'-10"
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. + 1 3/4"

Winter Freeboard from deck line..... 3'-10 3/4"
Summer " " " 3'-5 1/4"
Indian Summer " " " 2'-11 3/4"
N. A. Winter " " "
3'-5 1/2"

§ 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 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.

† 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.

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

To what height do the Reverse Frames extend? *no reverse frames*

Has the ^{afterpart of shelter} 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 *with storm boards in channels (full height and riveted)*

Is the ^{afterpart of shelter-deck} Poop or Raised Quarter Deck connected with the Bridge House? *Yes* Has the Bridge House an efficient Bulkhead at the fore end? *Yes* ^{coll.}

Give particulars of the means for closing the openings in Bulkhead *no openings*

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? ☒ Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

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

How are the openings closed? *with stormboards in channels (full height and riveted)*

Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient ^{steel} ~~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? *with shelterdecks and 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? *7'-10"* 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 the Rules? Give particulars below:— *Yes*

Position.	No. 1	No. 2	No. 3	No. 4	No. 5					
Size.	26'-8" x 18'-0"	36'-0" x 18'-0"	36'-0" x 18'-0"	31'-6" x 18'-0"	31'-6" x 18'-0"					
Height above top of DECK	36"	36"	36"	36"	36"					
COAMING: Thickness { Sides.....	.46"	.50"	.50"	.48"	.48"					
Ends.....	.44"	.46"	.46"	.44"	.44"					
SHIFTING BEAMS OR WEB PLATES: Number	5	7	7	6	6					
Section and Scantlings	7 1/2" x 100" x 11 1/2"	←	7 1/2" x 100" x 11 1/2"	→	→					
Material	Steel		Steel							
* FORE AND AFTERS: Number										
Section and Scantlings	✓	✓	✓	✓	✓					
Material										
HATCHES Thickness	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"					
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 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 ^{shelterdeck} Bridge Sheerstrake? *.64"* Strake between Main and ^{shelterdeck} Bridge Sheerstrakes? *.58"*

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

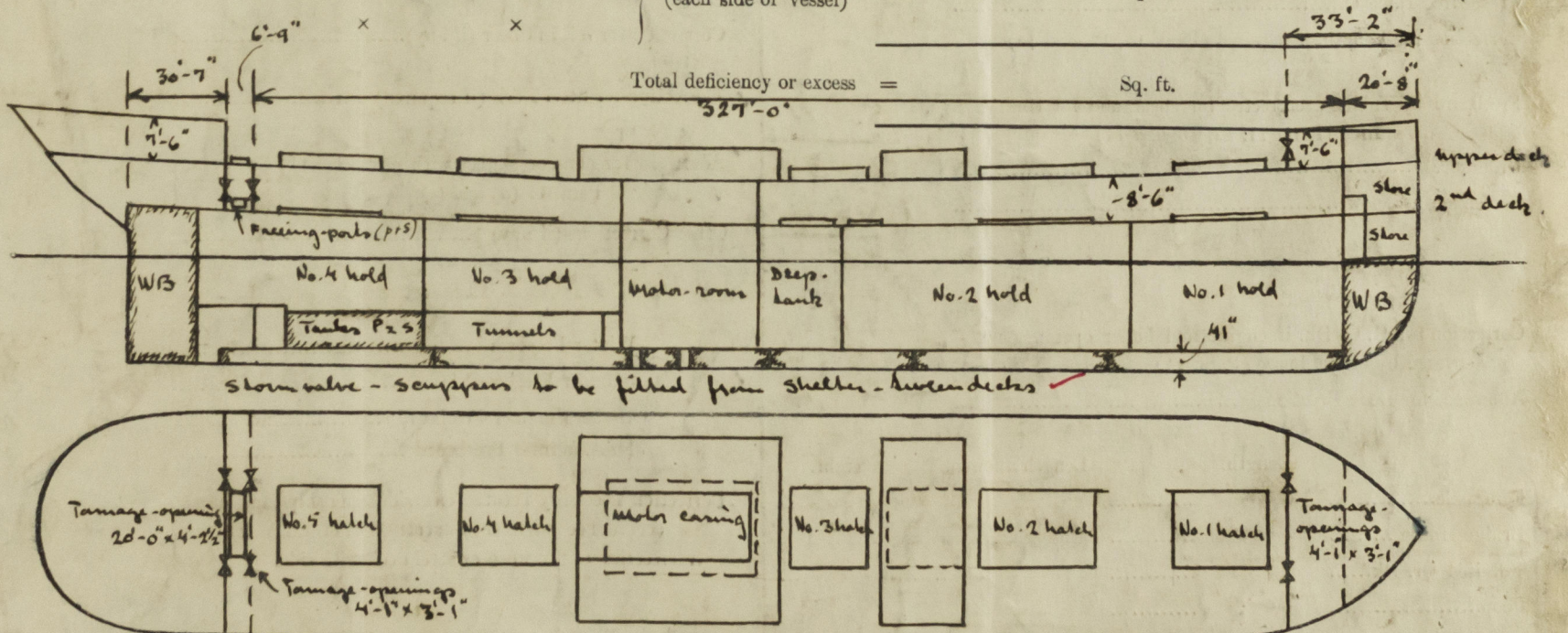
Length of Bulwarks in well *6'-9" Bulwarks in lanage-well*

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

Ft. Tenths. Ft. Tenths. No. Freeing Ports (each side of vessel) = Sq. ft.

2.5' x 2.5' x 1

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 *Odense Skibskilsværft (ved A.P. Möller)* Yard No. *36*

Names of sister vessels

Owners *Dampskibsselskabet "Dannebrog" C.V. Hansen*

Address *Copenhagen, Denmark*

Fee £ : : Received by me



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