

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

Particulars relating to all steam ships either flush decked, or with
pallant 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 Gothenburg
Date of Survey 30/3/31
Name of Surveyor Geo. Webster

Ship's Name. SKOTAA5 Port of Registry and Nationality. Larvik Official Number. 8190 Gross Tonnage. 8190 Date of Build. 1931 Particulars of Classification. *100A1 Contemplated carrying petroleum in bulk.
Number in Register Book 92484

Registered dimensions from Ship's Register.
Length on LOADLINE 449.83
CORRECTED DIMENSIONS. 449.83
LENGTH. 451.1
BREADTH. 59.2
DEPTH. 35.9
UNDER DECK TONNAGE. 7529.27*
Frame Depth 10' Ceiling +20' Peak included
Rule 7 1/2 Sheer -63' Tanks Deep 8.0 in. E.R. +75.0
x 2 = 50.42 no sparring +33 Deep floors forward +22.3
CORRECTED DIMENSIONS. 449.83 59.2 35.47 7626.57

Moulded Depth as measured 35'-6"
Rule wood deck less stringer -3 1/4"
35'-2 3/4"
Addition for Keel below base line for draught record 1 3/4" 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 449.83
Length in Table 449.75
Difference 0.08
Correction for 10ft., Table A. 1.7 Table C. .8
x Difference divided by 10 4.6 (if required.) 2.16
If 1/8ths length covered divide by 2 +4 1/2 +2 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered 3 1/4
Thickness of usual wood deck, less stringer 3 1/4
allowed in mid depth

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 59.0
Round of Beam 14 3/4
Normal round 14 3/4
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 815-809
Any modification necessary [Para. 4 (a) to (e)]* Shallow bottom framing
Co-efficient as corrected 82 (highest in table)

Deck parallel to keel 42-122 (See other side)

Sheer {Stem 72' at Sternpost 36'} 108 ÷ 2 = 54 Mean 32.40
54.98
36 12.2 58
63
Sheer at 1/3 of the length from {Stem 27.7 Sternpost 7.6} 37.3 ÷ 2 = 18.65 Mean 18.65
Gradual mean Sheer plotted 8.32
Standard mean Sheer [Table, Para. 18] 32.99 Correction 34.77
Difference ✓ ÷ 4 = 6.19
§ If limited as Para. 18 (f) +6.4

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

Fall in Sheer [Para. 18 (d)] ÷ 2 = ✓
Length uncovered ✓ Correction ✓

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 9-11 3/4
Correction for Length, if required (Para. 12, 13, and 14) -3-3
6'-8 3/4"
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) 6-11
Difference 10'-4 1/4"
Percentage as below 3-5 1/4
18.72
7.72

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 36.2 36.2 8.0
Bridge House ✓ ✓ ✓
† Raised Qr. Dk. ✓ ✓ ✓
Poop 95.7 95.7 8.0
Total 131.9 131.9 2.93
Length of Ship 449.83 449.83 2.34
Corresponding percentage (Para. 11, 12, 13, or 14) 18.72

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 10'-8 2 3/4
Summer Freeboard (6-7) 6 1/4 9'-8 1/2
Indian Summer Freeboard 9'-2 1/4
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 10'-4 1/2
Summer 9'-10 1/4
Indian Summer 9'-4 1/4
N.A. Winter ✓

1 APR 1931

* 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 about 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 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 waterline of keel or to the water line. If measured relatively to waterline, survey, and also the usual load draft forward and aft should be reported.

* Estimated Tonnage if ordinary floors fitted = 7235.7
(Floors 38" x 40" frames 7 1/2" x 9 1/2" T.)

Do all the Frames extend to the top height in the Poop? *every 2nd* Raised Quarter Deck? ☒ Bridge House? ☒ Forecastle? *every*

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 *One W.T. door*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *No*

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

What is the thickness of the ~~Poop~~ *Poop* Front plating? *10.0 mm* and Coaming plate? *7 7/8 x 3 1/2 x 40*

Give scantlings and spacing of the Stiffeners *250 x 90 x 12 BA at 710 spacing*

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

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? *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? *by Poop*

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 *8.5 mm* *130 x 75 x 8 angle every frame*

What is the height of the exposed Casings? *7-9"* Are suitable means provided for closing all openings in them in bad weather? *Steel doors*

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of the Rules? Give particulars below: *yes*

Position.										
Size.										
COAMING.	Height above top of DECK									
	Thickness { Sides..... Ends.....									
SHIFTING BEAMS OR WEB PLATES.	Number									
	Section and Scantlings									
	Material									
* FORE AND AFTERS.	Number									
	Section and Scantlings									
	Material									
HATCHES	Thickness									
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 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? *16.0* Strake between Main and Bridge Sheerstrakes? *open rails*

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.

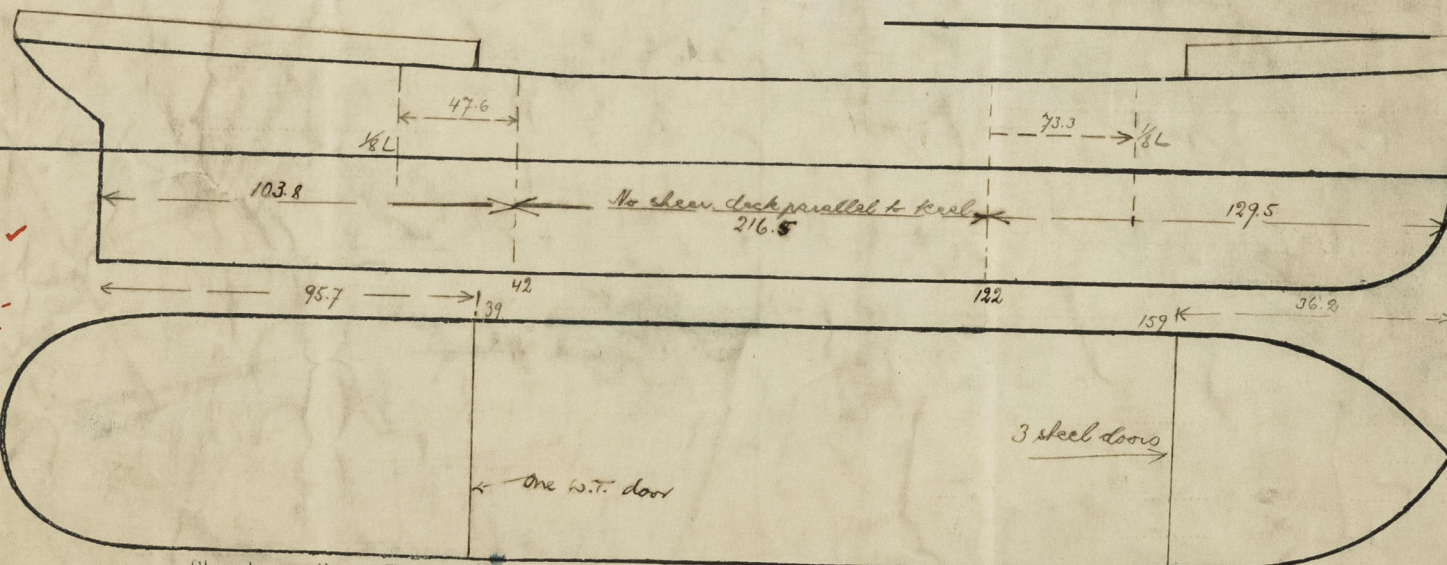
Length of Bulwarks in well *160.4 x 3 x 25.95 = 1236*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *1386* Sq. ft.

Ft. Tenth. Ft. Tenth. No. *5470*

Freeing Ports (each side of vessel) = *44988* Sq. ft.

Total deficiency or excess = *32.4* 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 *Transverse framed Tanker*

Builder's name and yard number *AP. Gjølavik 452*

Names of sister vessels *M. S. Nordavick*

Skibs. Afs. Njansen Larvik

Received by me

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There are copies of the
appd Ind Sec & Profile & Deck
in the London Office
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