

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD. — ~~STEAM~~ SHIPS. N° 48453

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 ARDROSSAN.Date of Survey 1-10-28Name of Surveyor H. THOMSON.

Ship's Name. M.S. "SIGRID."	Port of Registry and Nationality. HELSINGFORS	Official Number. ✓	Gross Tonnage. ✓	Date of Build. 1928	Particulars of Classification. + 100 A.I. (CONTEMPLATED) CARRYING PETROLEUM IN BULK. STRENGTHENED FOR NAVIGATION IN ICE.
Number in Register Book ✓	FINNISH	✓	✓		

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	205.8	36.7	14.15	779.09.
Length on LOADLINE.	205.0	Frame Depth 6 Rule " $\frac{4}{2}$ $= - .33$ No sparring $+ .33$	Ceiling $+ .20$ Sheer $+ .15$	Peak } Incl. Tanks } For D.B. in machinery space $+ 14$ Tons
CORRECTED DIMENSIONS.	205.0	36.70	14.50	793.09

Moulded Depth as measured..... **15'-0".**

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.

CORRECTION FOR LENGTH

Length of Ship on Loadline.....	205	
Length in Table	180	
Difference	25	
Correction for 10ft., Table A.	1.0	Table C.
× Difference divided by 10	25	(if required.)
If $\frac{1}{10}$ ths length covered divide by 2	1.25	+ 1/4 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered	✓
Thickness of usual wood deck, less stringer	3 - 3 ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	36.5	
Round of Beam	9"	
Normal round.....	9.12	
Difference12	$\div 2 =$.06
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..... **.727**
Any modification necessary }
[Para. 4 (a) to (e)]* }
Co-efficient as corrected **.73** ✓

Sheer { Stem..... **48**
at { Sternpost ... **24** } $72 \div 2 =$ **36.0**..Mean

Sheer at $\frac{1}{2}$ of the length from { Stem **26.4**
Sternpost **13.2** } $39.6 \div 2 =$ **19.8**..Mean

Gradual mean Sheer **36.0** $\div .55 =$ **36.0**Standard mean Sheer [Table, Para. 18] **30.5** CorrectionDifference..... **5.5** $\div 4 =$ **1.375**§ If limited as Para. 18 (f) **- 1/4** ✓

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

Fall in Sheer }
Para. 18 (d) } $\div 2 =$ **✓**
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	0' - 6 3/4
Correction for Length, if required (Para. 12, 13, and 14)	✓
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	2 - 4
Difference	1 - 9 1/4
Percentage as below.....	58.4%
	12.41

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

Allowance for Deck Erections **- 1 - 0 1/2** ✓

Length.	Length allowed.	Height.
Forecastle..... 43.0	43.00	7.5
TRUNK ON DECK	$7.5 \times \frac{36.5}{10} =$ 4.89	4.5
Bridge House..... 91.5	$82.8 \times \frac{36.5}{10} =$ 42.84	4.5
† Raised Qr. Dk..... 70.5	70.50	4.5
Poop..... ✓	160.73	784
Total 205.0	205.0	

Length of Ship **✓**Corresponding percentage } **58.4%**
(Para. 11, 12, 13, or 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 " " " " ...

Winter Freeboard	1 - 13/4
Summer Freeboard $\frac{1}{2} - 2$ 2"	0 - 11 3/4 ✓
Indian Summer Freeboard	0 - 9 3/4
N. A. Winter Freeboard	1 - 3 3/4 ✓

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 1/2**

Winter Freeboard from deck line	1 - 3 1/4 ✓
Summer " " " "	1 - 1 1/4 ✓
Indian Summer " " " "	0 - 11 1/4
N. A. Winter " " " "	1 - 5 1/4

* 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.

© 2020

Lloyd's Register
MARKING FORM
RECEIVED

Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? ☒ YES Bridge House? ☒ YES Forecastle? ☒ YES

To what height do the Reverse Frames extend? ☒ BULB ANGLE FRAMES

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 ☒ NONE

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

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

What is the thickness of the Bridge Front plating? ☒ and Coaming plate? ☒ YES

Give scantlings and spacing of the Stiffeners ☒ YES

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? ☒ YES

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? ☒ YES

Give thickness of plating; scantlings and spacing of Stiffeners ☒ YES

What is the height of the exposed Casings? ☒ YES 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 Section 28 of the Rules for 1904-5? Give particulars below:—

Position and Size.	ON F.C.L.E.	7.5 x 7.5									
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING. Height above top of DECK	30"										
Thickness { Sides.....	.44										
Ends.....	.44										
SHIFTING BEAMS OR WEB PLATES. Number											
Section and Scantlings	NONE										
Material											
* FORE AND AFTERS. Number											
Section and Scantlings	NONE										
Material											
HATCHES Thickness	STEEL COVER										
Remarks.....	AS PER APP. PLAN.										

* 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? ☒ YES Strake between Main and Bridge Sheerstrakes? ☒ YES

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.
 open Racks.

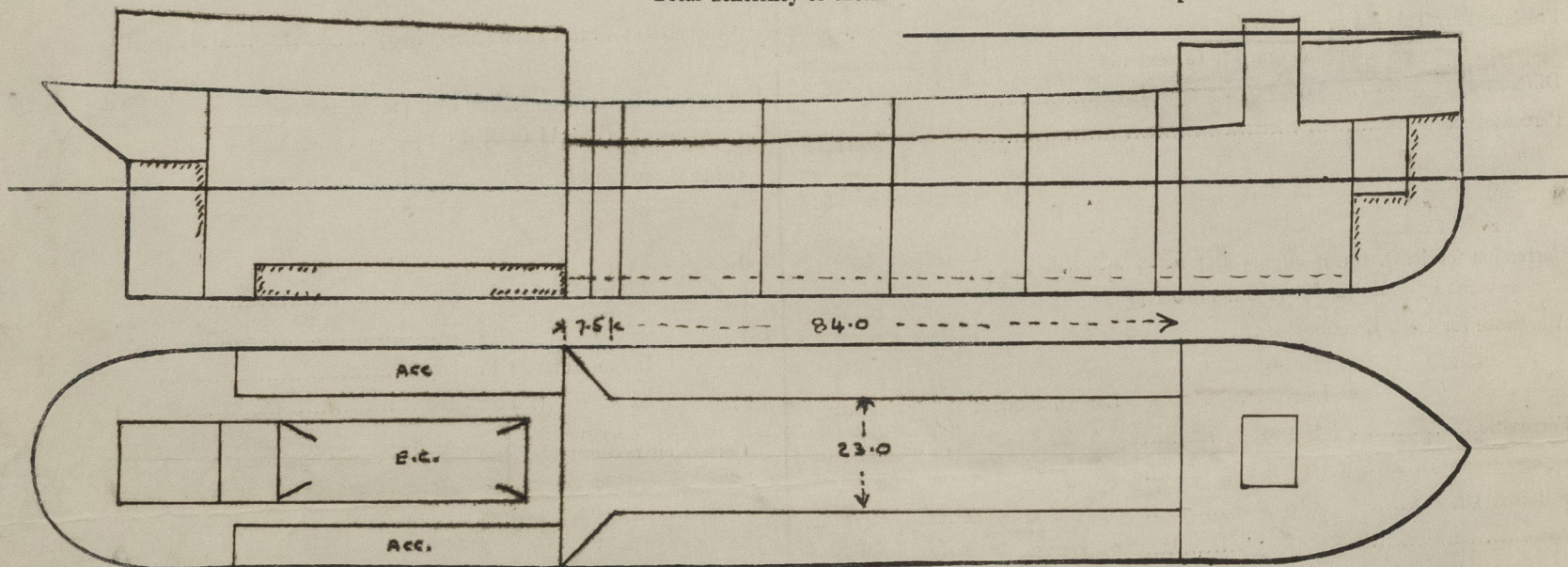
Length of Bulwarks in well

NONE

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

Ft. Tenth.	Ft. Tenth.	No.	} Freeing Ports (each side of vessel) = <input checked="" type="checkbox"/> YES Sq. ft.
x	x		
x	x		

Total deficiency or excess = ☒ YES 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.

NO SIDELIGHTS BELOW UPPER DECK ADDITION FOR FLOORS IN E.R. = 14 TONS.

State any special features in the construction of the Vessel COPIES OF APP. PLANS ARE IN LONDON OFFICE. - 3/4" COPE SPARRING FORB HOLD ON

Builder's name and yard number ARROSSAN DOCKYARD LTD. NO 340.

Names of sister vessels NONE. SEE PRELIMINARY ASS. 30-12-27.

Owners AKTIEBOLAGET OLJETRANSPORT.

Address OSTRA HENRIKSGATAN 1. HELSINGFORS.

Fee £

Received by me



© 2020

Lloyd's Register Foundation