

Index No. 33318.  
(For London Office only.)

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR  
AWNING DECKS.

Port of Survey *Elsinore*  
Date of Survey *White building*  
Name of Surveyor *J. F. Buchanan*

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
S/S. "ARIEL" Helsingör No 188. Number in Register Book	Helsingfors Finnish	✓	2194.69.	1929	✠ 100 A1 with freeboard (contemplated)

Number in Register 2000		LENGTH.	BREADTH.	DEPTH.	UNDER DECK
Registered dimensions from Ship's Register.	79.3 m 260.3	12.26 m 40.22	7.54 24.73	Tonnage. 1991	
	260.0	Frame Depth $8\frac{1}{2}$ Rule " 5 $\frac{1}{2}$	Ceiling fitted Sheer +.21	Peak } incl. Tanks }	
Length on LINE		$2 \times 3$ = -.50	To tank top 25.42	For Raised to B. at Ends + 15 tons.	
TED ONS.	260.0'	39.72'	25.63'	2006	

Moulded Depth as measured ..... 20' 0" Main Deck.  
 " " " ..... 27' 6" Spar or Awning Deck.

27-6  
10  
28-6  
2-1  
25-5

Addition for Keel below base line for draught record.....1.04.....inches.

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

efficient of fineness .....	758
modification necessary } [Para. 4 (a) to (e)*] }	C. D. B.
efficient as corrected .....	74 to Upper Deck
Block coeff. 69	72 - 2nd "

allowance for strength in excess of Lloyd's rules =

ate particulars—

CORRECTION FOR LENGTH :—

Length of Ship on Load Line.....	260
Length in Table .....	<u>240</u>
Difference.....	20
Correction for 10ft.....	.6
× Difference ÷ 10 =	1.20
	= +1¼"

Height of 'Tween Decks..... 7.6  
(From top of beam to top of beam at side)  
Correction for Height of 'Tween Decks in Spar-decked Ships.....

Freeboard Table D or C .....	1' - 3 1/2"
Correction for Length .....	+ 1 1/4"
	1' - 4 3/4"
Correction for Height of 'Tween Decks in Spar-decked Ships .....	7' - 6"
	8' - 10 1/4"

Correction for Strength in excess of Lloyd's rules..... ✓

Correction for Iron Deck if required.....  $\frac{3\frac{1}{2}'}{8' - 7\frac{1}{4}'}$

Other Corrections (if any).....

Winter Freeboard.....	3 1/2"	8' - 7 1/4"
Summer Freeboard.....		8' - 3 3/4"
Indian Summer Freeboard.....		8' - 0 1/4"
N. A. Winter Freeboard.....		8' - 9 1/4"

Correction necessary because clearside amidships measured  
in accordance with the Statute is not taken at inter-  
section of the ~~wood~~ or steel deck with side } + 1 <sup>3</sup>/<sub>4</sub>

Winter Freeboard from Deck Line .....	8' - 9"
Summer       "       "       " .....	8' - 5½"
Indian Summer       "       " .....	8' - 2"
N.A. Winter   "       "       " .....	8' - 11"

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

[illegible]

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.  
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.

\* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

2m, 7, 26. T

for Ships of full  
nents for a Spar-

© 2021

Lloyd's Register

RECEIVED JUN 29 1929

FOUNDATION

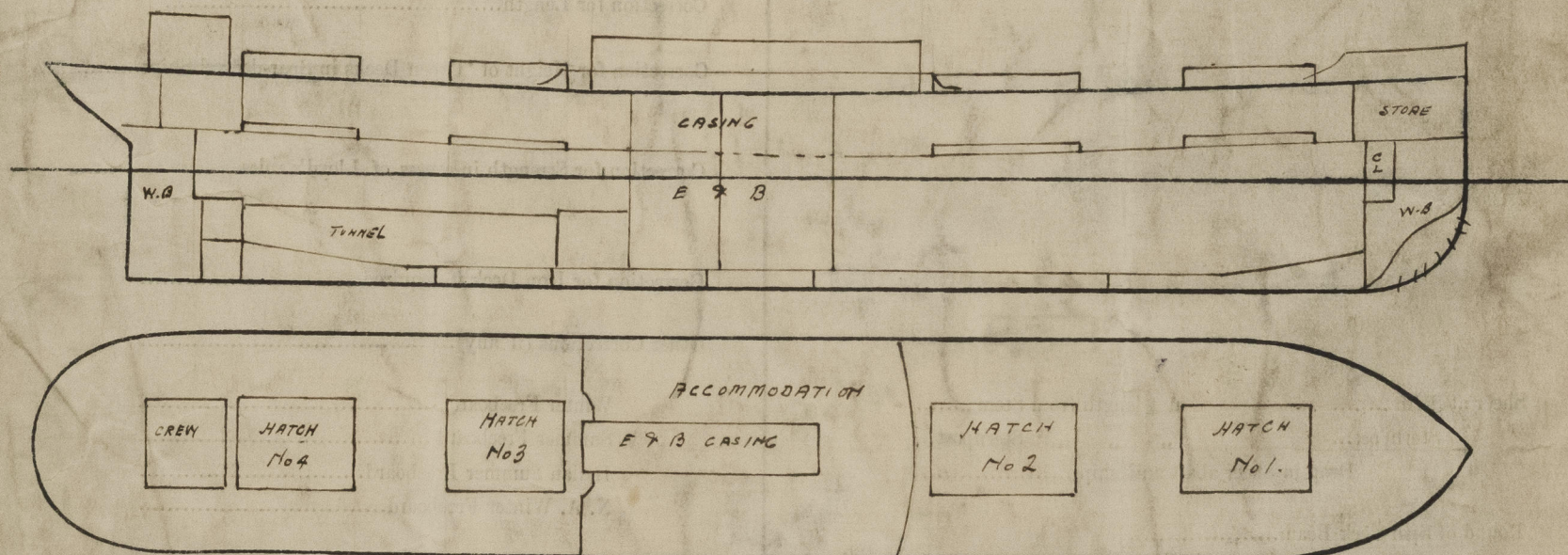


Do all the Frames extend to the top Height in the Spar deck? ☒ *Superstructure*  
 Do all the Frames extend to the top height in the Poop? ☒  
 To what height do the Reverse Frames extend? *No Reverse frames.*  
 Has the Poop an efficient Iron Bulkhead at the fore end? ☒  
 Give particulars of the means for closing the openings in Bulkhead ☒  
 Is the Poop connected with the Bridge House? ☒  
 Give particulars of the means for closing the openings in Bulkhead ☒  
 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? ☒  
 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? ☒  
 Are the Engine and Boiler openings covered by a Bridge, Poop, or enclosed by a Strong Iron or Steel Deckhouse? *by Superstructure Deck enclosed by strong steel Deckhouse above*  
 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? *7-6"* 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 Section 28 of the Rules for 1904-5? Give particulars below:— *Yes.*

Position and Size.		No 1 - 25'0" x 14'0"		No 2 - 30' x 16'		No 3 - 22'6" x 16'		No 4 - 22'6" x 16'			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	3'0"		3'0"		3'0"		3'0"			
	Sides	44		44		44		44			
	Ends	44		44		44		44			
SHIFTING BEAMS OR WEB PLATES.	Number	5		5		3		3			
	Section and Scantlings	I 280 x 280 x 12.10		I 280. 280. 12.10		I 240. 240. 11.18		I 240. 240. 11.18			
	Material	Steel		Steel		Steel		Steel			
* FIRE AND AFTERERS.	Number	NONE		NONE		NONE		NONE			
	Section and Scantlings										
	Material										
HATCHES Thickness		3"		3"		3"		3"			
Remarks		pine		pine		pine		pine.			

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(If the sill of the lower 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.)



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 *Intermediate frames throughout - Strengthened for ice.*

Builder's name and yard number *Helsingors Jernskib & Maskinbyggeri No 188*  
 Names of sister vessels *S/S SIRIUS and No 187.*  
 Owners *Linska Ångfartyg Aktiebolaget Helsingfors*  
 " Address

Fee £ will be charged with first entry report.

Received by me



© 2021

Lloyd's Register Foundation