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MUN. AUG. 29 1921

W482-0082

Port of Survey Seattle

Date of Survey 20<sup>th</sup> Aug. 1921.

Name of Surveyor *Robt. Cheetham*

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

show S. B. Co. No. 1. A.

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
KINGHORN.	Bergen	147880	6504.53	1921.	+100 A1. Shelter Dk. with 1 Bd. (contemplated.)

	LENGTH.	BREADTH.	DEPTH.	UNDER DECK
stored boats from Register.	412.30	55.60	34.30	Tonnage. 6156.19

Moulded Depth as measured ..... Main Deck.  
.....  
.....  
.....

Shallow.  
Span on Lapping Deck.

Frame Depth  $1\frac{1}{2}$  Ceiling  $+ .20$  Peak } Included  
 Rule " 7 Sheer  $+ .08$  Tanks }  
 "  $\frac{7}{8}$  Tank top level Cruiser Stern - 22  
 "  $7\frac{1}{2} \times 2 = -1.25$  40 ceiling frames between 1st  
 " filled Raised D. Bot. at end

addition for level  $1\frac{1}{2}$

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

Co-efficient of fineness .....  $\cdot 80$   
Any modification necessary {  $-.02$  C.D. Part.  
[Para. 4 (a) to (e)\*] }  
Co-efficient as corrected .....  $\cdot 78$  Say  $\cdot 76 \frac{1}{2}$  up. 15 re.

CORRECTION FOR LENGTH :—

Length of Ship on Load Line.....	411.60	—
Length in Table .....	344.75	—
Difference.....	66.85	—
Correction for 10ft.....	0.7	—
× Difference ÷ 10 =	4.68	+ 4 $\frac{3}{4}$ ✓

Allowance for strength in excess of Lloyd's rules =  $2 - 84^{1/2}$  (Table A.)

State particulars— As per plans approved for "N.1" Class  
Standard Vessel.

Strengthened spindles.  
Deep granning.  
Two steel decks.  
B. W. T. Plds. 5 to Shelter Wk.  
3 to Upper Wk.

Height of 'Tween Decks..... *9'-11 $\frac{1}{4}$ " from 20 ft. to Stern.*  
(From top of beam to top of beam at side) *7'-11 $\frac{1}{4}$ " from 20 ft. to Stern.*  
Correction for Height of 'Tween Decks in Spar-decked Ships.....

Freeboard Table B or C .....	0 - 10 3/4
Correction for Length.....	+ 4 3/4
	<hr/> 4 - 3 1/4
Correction for Height of 'Tween Decks in Spar decked Ships.....	9 - 4 3/4
	<hr/> 13 - 8
Correction for Strength in excess of Lloyd's rules.....	- 2 - 8 1/2
	<hr/> <del>10 - 11 1/2</del>
	11 - 0 1/2
Correction for Iron Deck if required.....	- 3 1/2
	<hr/> 10 - 8 9

Heer flat from H6 to 108 frame, thence in a fair  
curve to Stern and Stern.

Sheer at Stem ..... 96"      at  $\frac{1}{2}$  length from Stem ..... 32 $\frac{1}{2}$ "  
 Sternpost... 82"      "      "      Sternpost 30"  
 Drop in Sheer abaft amidships..... ✓

Sound of Spar-deck Beam..... } No Camber on decks.  
 " " Main-deck " .....

	Length	×	Height	State if open or closed at
orecastle .....	40-5	×	7-6	for Shelter Wk. Open and
ridge .....		×	mean	} Gully enclosed Shelter Wk.
pop .....		×		

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the ~~wood~~ iron deck with side } *U.S. N.V. Assignment*

Winter Freeboard from Deck Line	10-89
Summer	10-82
Indian Summer	9-87
<del>N.A. Winter</del>	✓

6.9.21

	Fresh Water Line	Indian Summer Line	Winter Line	Winter North Atlantic Line	Deck Line	Wood (Iron) Deck
	above centre of Disc	" " "	below " "	" " "	10-2	10-2

N.V. Assignment.

MARKING FORM  
RECEIVED JUN 1980

MARKING FORM  
RECEIVED 8 - SEP 1926

MARKING FORM  
RECEIVED 9 - JAN 1924

Lloyd's Register  
FOUNDATION  
RECEIVED 8.9.21



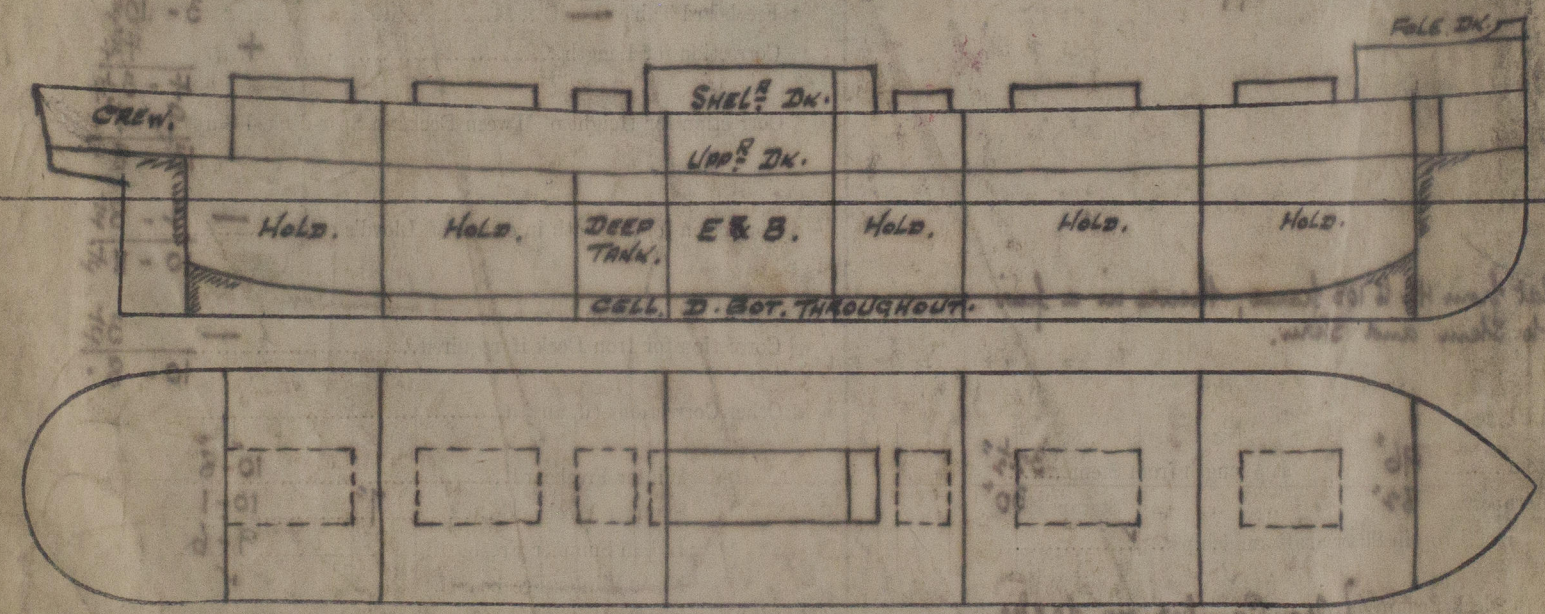
Do all the Frames extend to the top Height in the *Shell* *Yes* *Spur* deck? *Yes*  
 Do all the Frames extend to the top height in the Poop? *Yes*  
 To what height do the Reverse Frames extend? *Upper Dk. and on alt. for forward to top and Shell Dk.*  
 Has the Poop an efficient Iron Bulkhead at the fore end?  
 Give particulars of the means for closing the openings in Bulkhead  
 Is the Poop connected with the Bridge House?  
 Has the Bridge House an efficient Bulkhead at the fore end?  
 Give particulars of the means for closing the openings in Bulkhead  
 What is the thickness of the Bridge Front plating? *1/4"* 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?  
 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, *By Shell Dk. and partly by Deck House on Shell Dk.* or enclosed by a Strong Iron or Steel Deckhouse?  
 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 *40-36 Cangs. 30-25 platy. 4x3x36 Cangs. 30" and 35" spacing.*  
 What is the height of the exposed Casings? *7-6"* 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:— *See below.*

*Completely enclosed Shell Dk.*

Position and Size.	No. 1. 28-0 x 19-9		No. 2. 29-2 x 19-9		No. 3. 14-7 x 19-9		No. 6. 26-3 x 19-9		
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING	Height above top of DECK	2-6"	2-6"		2-6"		2-6"		
	Thickness { Sides.....	.50	.50		.44		.50		
	{ Ends.....	.44	.44		.44		.44		
SHIFTING BEAMS OR WEB PLATES.	Number .....	4.	4.		2.		4.		
	Section and Scantlings .....	I 18x7x.93x.55	Same as No. 1.		Same as No. 1.		Same as No. 1.		
	Material .....	Steel joist.							
* FORE AND AFTERS.	Number .....	None.	None.		None.		None.		
	Section and Scantlings .....								
	Material .....								
HATCHES Thickness .....	3"		3"		3"		3"		
Remarks.....	W. Pine.		W. Pine.		W. Pine.		W. 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 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.)



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 *"N. 1" Class Standard Fabricated Vessel. Completely enclosed Shell*  
*Deck Enclosed?*  
*Plans of Midship Section and Profile are enclosed for reference.*

Owners *A/S. Britannia.*  
 Address *Bergen.*

Fee £ *✓*  
 Received by me