

Date 9.8.20

Builders, Owners & Yard No.: "Jupiter" Vulkan Werk. Stettin N^o 3
 Class and Type: G.L. 100 A with freeboard. max. draft 29'
 Rule Dimensions: 179.22 M x 22.36 M x 14.09 to N^o 1 dk 588' x ~~46.23~~^{75'} x 46.23'
 Scantling Numbers: to N^o 2 dk 33.94 06080 113 0 66444
 Proportions: $\frac{L}{D} = 9.2$ to Lower Brn dk deck; $\frac{102}{12.7}$ to Bridge deck.
 d = $\frac{7.69}{5.25} = \frac{4}{5}$ Draft: 29' Copies kept?
 Equipment No. Similar Ships: Cruiser stern?

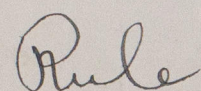
ITEM.	RULE.	PROPOSAL. In Ship
No. & extent of W.T. bulkheads	9	11 - See over
Frame spacing:	785, 610 Peaks	680 820, 700 for $\frac{3}{5}L$, 600 A.P. 495 F.P.
Frames: Peaks	240 x 90 x 13.5	280 x 90 x 15.5
In way of N ^o 5 dk	$\begin{matrix} 240 \times 95 \times 95 \times \frac{12}{15.5} \\ 90 \times 90 \times 11 \end{matrix}$	$\begin{matrix} 260 \times 95 \times 95 \times \frac{13.5}{16} \\ 100 \times 90 \times 12 \end{matrix}$ Holds
In way of N ^o 4 dk	$\frac{870 \times 13.5}{7}$ 100 x 100 x 16.5 dble 6 spaces apart Webs	$\frac{130 \times 130 \times 15.5}{700 \times 14}$ 190 x 75 x 12.5 Spaced 2.83 ft apart
In way of N ^o 3 dk	Two str. $\frac{870 \times 12}{7}$ 100 x 100 x 16.5	Two stringers $\frac{700 \times 13}{7}$ 120 x 120 x 15.5
For determining "d"	Web $\frac{1070 \times 15.5}{7}$ 100 x 100 x 16.5 dble	Intermed. $\frac{240 \times 95 \times 95 \times \frac{13}{15.5}}$
Height of tank side brackets:	Intermed. 240 x 90 x 13.5	As for N ^o 4 but with 3 stringers
Beam knees:		2350
DOUBLE BOTTOM.		
Breadth of inner bottom:		17.6 M
Centre girder:	1371 x 18-14 B 19	1450 x 16-13 B 18
Side girders:	12.5-10.5 13.5	Three 12.5-10 14.5
Margin:	16.5-15.5 17.5	17-15.5 18
Floors—thickness and spacing:	13-10.5 14	Every 12.5-10 14.5
Inner bottom plating:	1350 x 16-12.5	1170 x 15-12.5 18
Margin:	13-11 15.5 B 16.5	12.5-10.5 15 15.5
Margin connections:	Dble Gussets every.	Single? Continuous Gusset



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W1086-0120 1/2



allowing 22 ft hatch
equivalent

Ship

Figures in pencil are Rule scatterings with numerals to W-15K

Special Riveting:

Submission of Plans:	{	Superstructures
These plans should, where applicable, include		Arrangement to prevent Panting
		Pillars and Girders
		Construction of Bottom Forward

Initials and Date

Reference to Work Book

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Equipment

Rule

In ship

3 Bowers	18390 17730	17730	3 Bowers total	19140
1 Stream ex stk	1981 1892	1892	1 Stream	1200
1 Kedge "	1067 1016	1016	1 Kedge "	600
		21,365		
605 M	79 mm stud chain		600 M	81 mm stud chain
275 M	165 mm steel wire		240 M	184 mm steel wire
255 M	190 " " "		240 M	137 " " "
3 e 220	203		203	203 " hemp.
3 e 203 M	220 mm hemp		203	
3 e 220	203 " "			
3 e 203 M	203 " "			

Add 135 M of 137 mm steel wire
220 M
4 e 203 mm hemp.

Longl W ^o	6080
W ^o or - W ^o 2.0k	340
Bridge 144 x 2.51 x $\frac{3}{4}$	272
336 x 2.51 x $\frac{1}{2}$	42
A.P.D. 85.6 x 2.59 x $\frac{3}{4}$	166
48 x 2.59 x $\frac{1}{2}$	62
U.P.D. 85 x 2.74 x $\frac{3}{4}$	175
13 x 2.74 x $\frac{1}{2}$	18
Houses 95 x 2.89 x $\frac{1}{2}$	137
	<u>6952</u>
	<u>7292</u>

= $\frac{n}{m} +$



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