



QUANTITIES FOR <u>ONE SHIP - ONE BOILER.</u>				
MARK.	NO. OF PIECES.	DESCRIPTION.	MATERIAL.	REMARKS.
1.	26	STAY TUBES $\frac{3}{8}$ " THICK	WROTE IRON	ORDERED OUTSIDE.
2.	26	FLAINTUBES $\frac{11}{16}$ " W.A	" "	" "
3.	3	LONGITUDINAL STAYS	" STEEL	" "
4.	12	23 NUTS $\frac{1}{8}$ " $\frac{23}{32}$ " DIA	" IRON	" "
5.	4	STAYS FOR $\frac{1}{8}$ " STAYS.	" "	DIE * 22
6.	2	CROWFEET - "	" "	DIE * 21
7.	2	" " " "	" "	DIE * 94
8.	4	$\frac{1}{8}$ " PINS	" "	DIE * 62
9.	86	$\frac{1}{8}$ " SCREWED STAYS	" STEEL	ORDERED OUTSIDE.
10.	172	$\frac{1}{8}$ " NUTS: $\frac{3}{8}$ " DEEP	" IRON	" "
11.	8	DOUBLE PLATE GIRDERS	" STEEL	" "
12.	16	$\frac{1}{8}$ " STAYS FOR GIRDERS.	" "	" "
13.	32	$\frac{1}{8}$ " NUTS $\frac{1}{16}$ " $\frac{1}{8}$ " DIA	" IRON	" "
14.	16	THIMBLES FOR GIRDERS	" "	" "
15.	16	" " " "	" "	" "
16.	16	WASHERS " "	" STEEL	" "
17.	1	16×12 HATCHHOLE COVER	" "	ORDERED OUTSIDE.
18.	2	DOGS FOR " "	" IRON	DIE * 31
19.	2	$\frac{1}{4}$ " STUDS & NUTS	" "	DIE * 16
20.	2	6×9 HATCHHOLE COVER	" STEEL	ORDERED OUTSIDE.
21.	2	DOGS FOR " "	" IRON	" "
22.	2	STUDS & NUTS	" "	" "
23.	2	$2 \times 1 \frac{1}{4}$ PLATE	" "	" "

THE Wm. CRAMP AND SONS S. & E. B. CO.	
OFFICE OF ENGINEERING DEPARTMENT.	PHILADELPHIA, Pa.
ENGINEER FOR AMERICAN LINE	
No. 100-201	
DONKEY BOILER	
DRAWING BY L.P.M.	
TRACED BY	SCALE 1 1/2" = 3' 0" FEET
INSPECTOR'S SIGNATURE	
DATE	
CHECKED BY	
DATE	
SEND TO YARD	
98	

Cramps SS Nº 311-312

Donkey boiler

311-312 W.P

ss "Hroonland"

boiler
Nº 2
LLOYD'S Test
340
28-2-02 T.P.H

Sha 1104

SS "FINLAND"

Nº 5
LLOYD'S Test
340 #
23-5-02 T.P.H



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