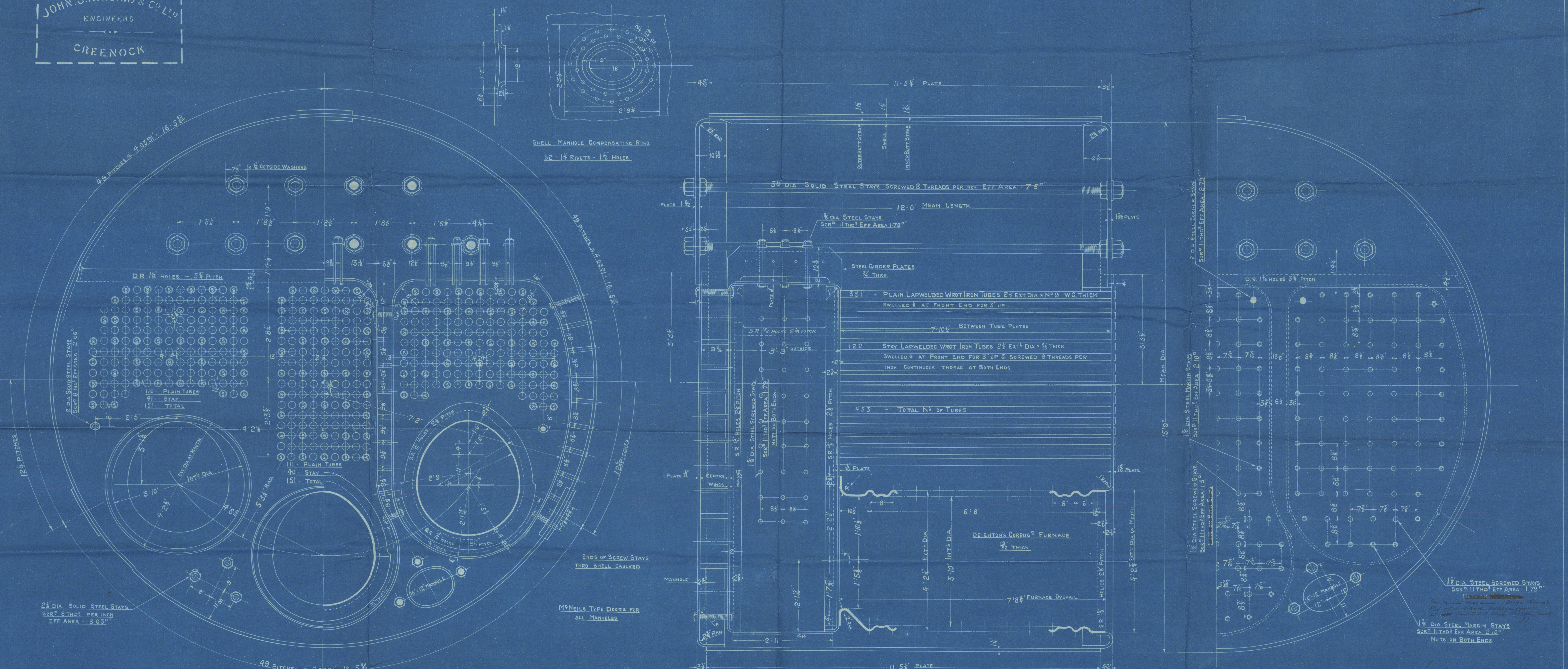


21/5/17



ALL PLATES & STAYS OF SIEMENS
MARTIN STEEL
LONGITUDINAL SEAMS TREBLE
RIVETED WITH DOUBLE BUTT STRAPS
CIRCUMF. SEAMS DOUBLE RIVETED
LAP JOINT
WORKING PRESSURE - 180 LBS"
TEST - 360 -
ALL HOLES DRILLED IN PLATE THEN
PLATES TAKEN APART AND BURRS
REMOVED

THICKNESSES	
SHELL PLATES	1 1/2"
INNER BUTT STRAPS	1 1/2"
OUTER	1 1/2"
TOP ENDS	1 1/2"
BACK BOTTOM	1 1/2"
FRONT TUBE PLATE	1 1/2"
BACK	1 1/2"
C.C. BACKS - CENTRE	1 1/2"
WINGS	1 1/2"
C.C. TOP & SIDES	1 1/2"
C.C. BOTTOM	1 1/2"
C.C. GIRDERS	1 1/2"
MANHOLE COMP. RING	1 1/2"
FURNACES	1 1/2"

TENSILE STRENGTHS	
SHELL PLATES	28-32 TONS <sup>1</sup>
BUTT STRAPS	" " "
GIRDER PLATES	" " "
SOLID STEEL STAYS	" " "
MANHOLE COMP. RING	" " "
ALL OTHER PLATES	26-30 TONS <sup>1</sup>
FURNACES	" " "
SCREWED STAYS	" " "
RIVET BARS	" " "

HEATING & GRATE SURFACE	
HEATING SURFACE IN 455 TUBES -	2332
H.S. IN CHAMBERS & BACK TUBE PLATES	307.8
H.S. IN FURNACES	169.5
TOTAL H.S. IN ONE BOILER	2809.3
3 BOILERS	8428.9
FIREBARS 5'6" LONG IN ONE LENGTH	
GRATE SURFACE - ONE BOILER	63 1/2'
3 BOILERS	189 1/2'
RATIO G.S. H.S. =	1 : 44.1
2'3 1/2" DIA. SAFETY VALVES EACH BOILER	

## BOILERS. ENGINES N° 484-86

3 OFF FOR EACH NO.  
15'9" MEAN DIA x 12'0" MEAN LENGTH  
TO PASS LLOYD'S REQUIRMENTS FOR 180 LBS WORKING PRESSURE

SCALE 1" = 1 FOOT

17<sup>TH</sup> MAY, 1917

DRC N° 13 5104

W156 - 012



Kincaids h 4844

Three in Series

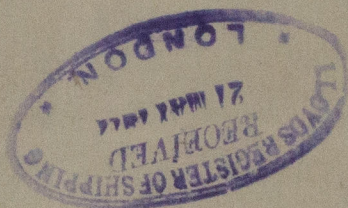
1806. h. i?

Russell St. 11 h 707.

Yatuka Maru Ex

O. O. Virgilia

Grb. Rpt. No. 17344.



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