

LONGIT SEAM TREBLE RIVETED DOUBLE BUTT STRAP	
CIRCUM " DOUBLE " LAP JOINT	
PLATE SECTION 85.29 % RIVET SECTION 87.64 %	
WORKING PRESSURE 180 LBS " "	
TEST " 360 " "	
ALL HOLES DRILLED IN PLACE THEN PLATES TAKEN	
APART & BURRS REMOVED	

GRATE & HEATING SURFACE	
HEATING SURFACE OF TUBES	1807 sq ft
" " " TUBE PLATES	50 sq ft
" " " C.C. BACKS	79 sq ft
" " " SIDES	130 sq ft
" " " FURNACES	148 sq ft
" " " ONE BOILER	2214 sq ft
GRATE " " " "	63.25 sq ft
RATIO GRATE TO HEATING SURFACE	1 : 35
FIRE BARS 5' 9" LONG	
TOTAL 11.5 IN TWO BOILERS	44.25 sq ft
" C.S. " " "	126.5 sq ft

THICKNESSES	
SHELL PLATE	1 1/2"
INNER BUTT STRAPS	1 1/2"
OUTER " "	1"
TOP ENDS	1 1/2"
BACK BOTTOM	5/8"
FRONT TUBE PLATE	1 1/2"
BACK " "	1"
C.C. BACK CENTRE	3/4"
" " " WELLS	3/4"
" " " SIDES	1 1/2"
" " " BOTTOM	3/4"
" " " GIRDERS	1 1/2"
MANHOLE COMP. PLATE	1 1/2"
FURNACE	3/4"

TENSILE STRENGTH	
SHELL PLATES 28 TO 32 TONS	
BUTT STRAPS " " "	
MANHOLE COMP. PLATE " " "	
GIRDER PLATES " " "	
OTHER PLATES 26 " 30 "	
SOLID STEEL STAYS 28 " 32 "	
SCREWED " 26 " 30 "	
FURNACES " " "	
RIVET BARS " " "	

APR 26 1911  
29-6-11  
JOHN G. KINCAID & CO.  
DRAWING OFFICE  
17/4/11 1880  
GREENOCK

MARINE BOILER No 390  
— TWO OFF THIS —  
— TO LLOYD'S SURVEY FOR A WORKING PRESSURE OF 180 LBS PER " —  
15' 0" MEAN DIA. x 11' 0" MEAN LENGTH  
— SCALE 1/2" = ONE FOOT —  
— 9TH JUNE 1911 —



Lloyd



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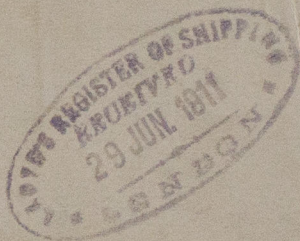
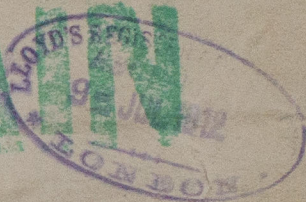
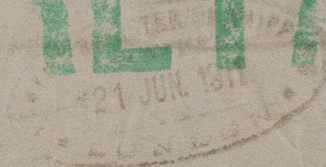
Main Boilers No 390.  
by

John G. Kincard & Co<sup>rs</sup>  
for

R. Duncan & Co<sup>rs</sup> & Co<sup>rs</sup> 20 1/2.

180 lbs □ Working pressure

RETAIN



Sp. Agnes Duncan  
Greenock Report No. 16283



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W521-0078