

S.S. No 202
 Rep - H. Anders + Co. Løce
 Leading dimensions of Boiler

	Meters	Inches
Diameter	4040	159.03
Length	35.25	138.78
Pitch of Ribs	216	8 $\frac{1}{2}$
Sea " "	31	1.22
Thickness of shell	28 $\frac{1}{2}$	1 $\frac{1}{8}$
Diameter of Furnace	1050	41.34
Thickness " "	14	.55 = $\frac{8.75}{16}$
Length of Girders	650	25.59
Depth " "	195	7.67
Thickness " "	2+20	2 + .787
Pitch of stays in Girders	245 + 180	7.08
Distance apart	215	8.46
Thickness of steam space plates	25 $\frac{1}{2}$	1.004 = $\frac{202}{16}$
Pitch of stays	450	17.71
Diameter of stays	75	2.95
Thickness of Combustion Chamber plates	15 $\frac{1}{2}$.61
Pitch of stays Top	215 + 180	8.46 + 7.08
" " " sides	180 + 175	7.08 + 6.89
" " " Backs	175 + 175	6.89 + 6.89
" " " Pitch supported by boundary stays at boiler head between C. Chamber	252.5 + 175	9.94 + 6.89 = 68.7
Scam of stays Boundary Rows	38	1 $\frac{1}{2}$
" " " others	32	1 $\frac{1}{4}$
Boiler back {distance between bottom row of steam space stays + top row of lower stays}	415	16.34
" " {wide space between B. stays}	330	13
" Front {distance between bottom row of steam space stays and top row of tubes}	365	14.34
" " {wide space between west of tubes}	330	13
Total Heating surface in 2 boilers	39512 $\frac{sq}{ft}$	4260 $\frac{sq}{ft}$
Grate surface in one boiler	4.60 $\frac{sq}{ft}$	49.5 $\frac{sq}{ft}$
Working pressure	12.66 kg.	180 lbs

M. Nelson
 17/103