

### Circumferential Seams $\frac{7}{8}$ Rivet Holes

187: 4: 83

### Tubes & Steam Space Stays of W. Iron

S.D

JOHN DICKINSON & SONS, LIMITED  
ENGINEERS  
TRACING No. 9214  
DATE 17.4.05  
SUNDERLAND

Heating Surface = 689 sq ft

STAYS				
Dia	No of Threads	per Inch	Eff Dia	Eff Area
1 5/8"	9	14	8.28	1.73
1 7/8"	9	16	7	2.031
2 5/8"	6	19	11.8	2.875
2 3/4"	6	21	10.8	3.68

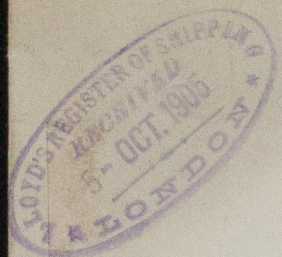
Stay Tubes  $\frac{1}{4}$ " thick. Screwed 10 Threads per inch. Effective Area 1.5608 in<sup>2</sup>

Grate Surface of 9 Bars = 23 ft

**№ 686**

Intended for Messrs J.L. Thompson & Sons S.S N<sup>o</sup> 434.





RETAIN

J Dickinson & Sons Ltd;

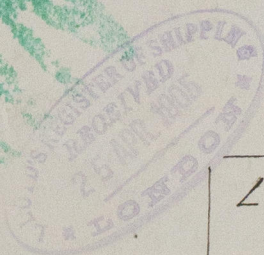
No. 686

Donkey Boiler  
for  
J. L Thompson & Sons  
of No. 434

W.P. = 90 lbs

W1115-0019

RETAIN



LLOYDS TEST

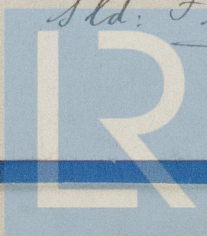
No 2412.

180 lbs.

4.9.05. R.W.C.

S.S. "Hermes"

Sld. F. & Co. No. 22475.



Lloyd's Register  
Foundation