

TRACING N<sup>o</sup> 606.

# MAIN BOILERS.

Scale 1 inch = 1 Foot.

N <sup>o</sup>	Description.	Quantity.
2	Shell plates.	2 8 tons.
1	Front top.	2 6 "
1	" bottom.	2 6 "
1	Back top.	2 6 "
1	" bottom.	2 6 "
1	Back T.R. centre.	2 6 "
2	" " wings.	2 6 "
1	C.C. wrapper centre.	2 6 "
2	" " wings.	2 6 "
1	" " back centre.	2 6 "
2	" " " wings.	2 6 "
16	Girders.	2 8 "
2	Shell butt straps inside.	2 8 1/2 "
2	" " outside.	2 8 1/2 "
3	Manhole covers.	2 6 "
3	Furnaces.	2 6 "
	Steam space stays.	2 8 1/2 "
	Screwed stays.	2 6 "
	Rivets.	2 7 "

2/3 Strength of plate = 86.0.

2/3 " rivets = 86.1.

Shell (Lloyds) = 22.58 (8-2) x 86 = 1871 lbs.

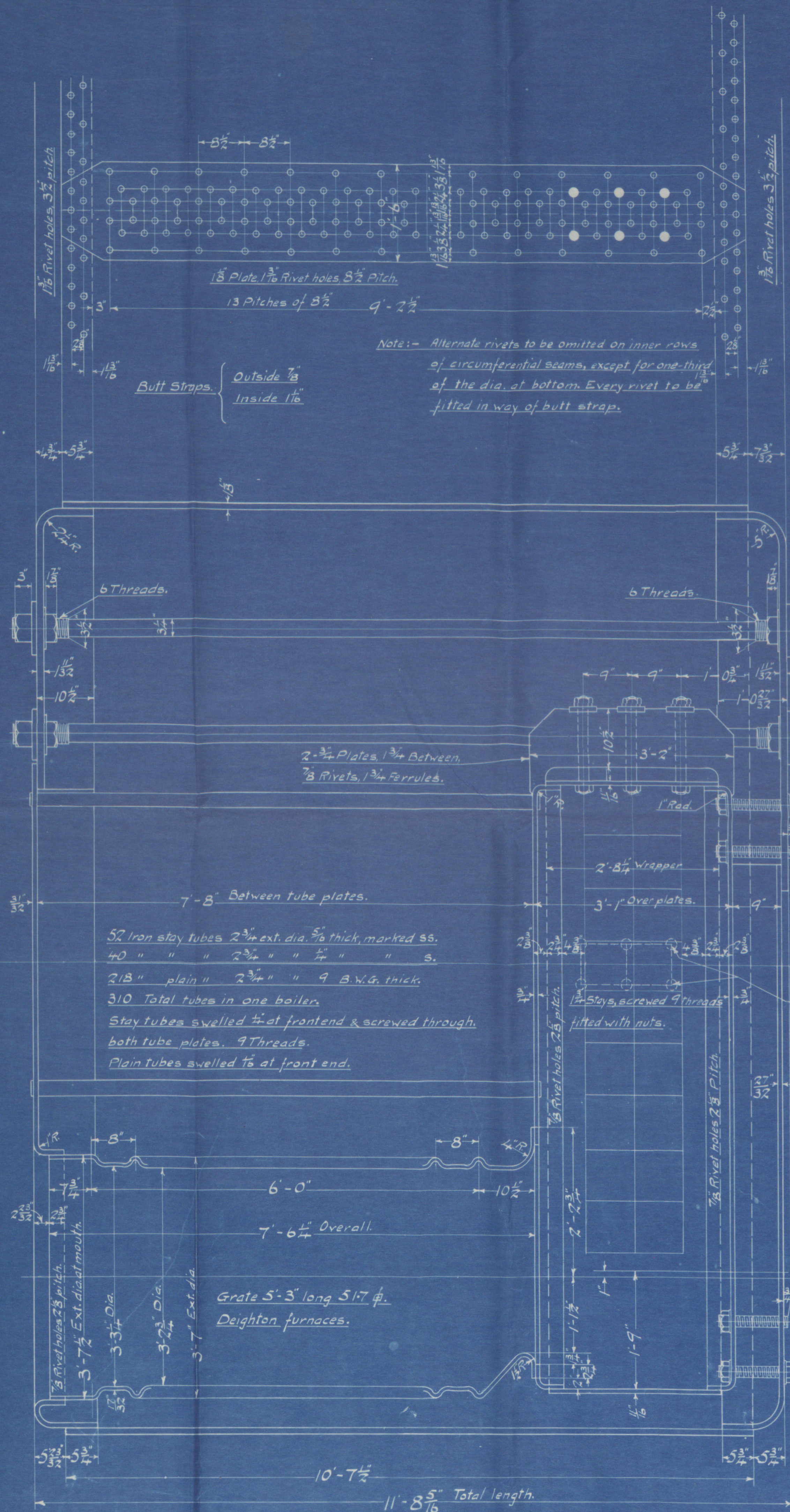
Approved by British Corporation 27-3-17.

" " Bureau Veritas 28-3-17.

" " Lloyds 30-3-17.

Stay nuts.			
Nuts per boiler.	Thick.	Thin.	Total nuts in force boilers.
3 1/2	16	16	48
2 1/2	4	12	12
2 1/2	108	—	324
2	2	6	18
1 1/2	102	—	306
1 1/2	24	180	72
			540

Manhole 16" x 12" at back.



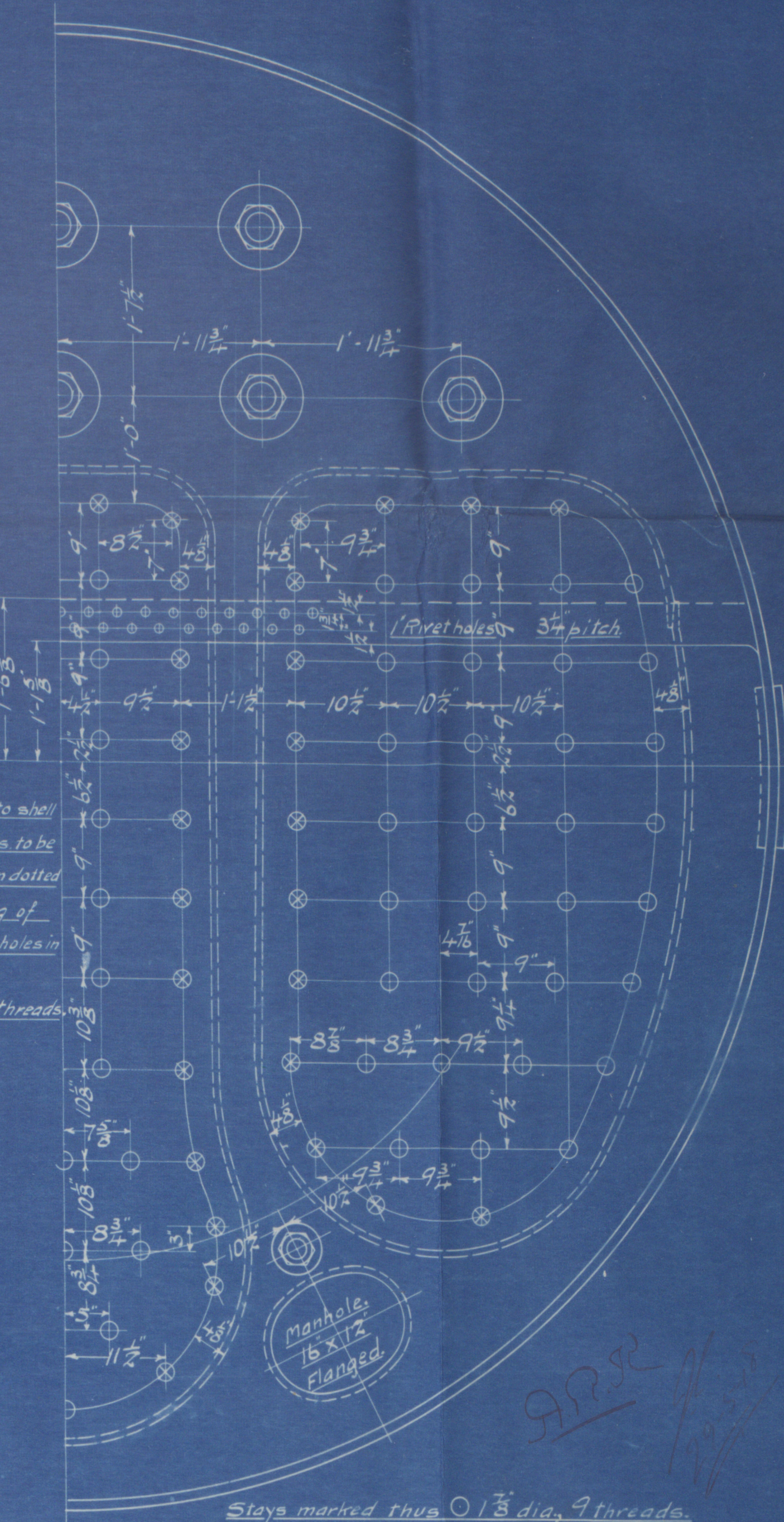
Lloyds survey.

Working pressure 180 lbs. per sq. in.

Test " 360 " " "

Heating Surface in 3 Boilers 6304 sq. ft.

Note: All plates stays etc. to be of steel. Smoke tubes of iron. Tensile strength of shell plating to be from 28 1/2 to 33 tons per sq. in. All holes drilled in place after plates are bent.

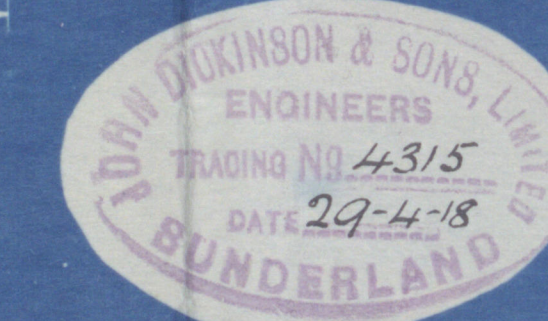


Stays marked thus O 1 3/8" dia. 9 threads.

" " " O 2 5/8" " 9 "

All screwed stays screwed into plate.

Note: All marginal stays in backs to have nuts on both ends; remainder of screwed stays in backs to have nuts on inner end only, and to project 3/4" on outside, and to be caulked.



ENGINE DATE.

S 30	March 25 <sup>th</sup> 18
S 31	March 25 <sup>th</sup> 18
S 32	March 25 <sup>th</sup> 18
S 33	March 25 <sup>th</sup> 18

Intended for Messrs John Blumer & Coys 5/248

RETAIN



© 2019

Lloyd's Register  
Foundation

SUNDERLAND

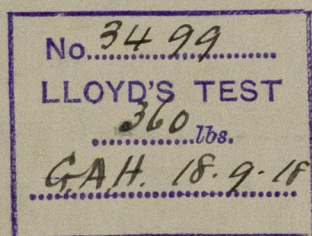
J. DICKINSON & SONS LB

(3) BOILERS N<sup>o</sup> 830

STANDARD 'C' TYPE

W.P. = 180 LBS

J. BLUMER & Co's S/S N<sup>o</sup> 248



War Sky

SUNDERLAND RPT. NO. 27361

**RETAIN**

WL35-0142



© 2019

Lloyd's Register  
Foundation