

DIMENSIONS.	
LENGTH OF FIRE BARS	
AREA OF FIRE GRATE	
DIAM OF TUBES OUTSIDE	3 1/2
LENGTH OF TUBES OVER PLATES	6-6
Nº OF TUBES	182
SURFACE OF TUBES	10604
TOTAL HEATING SURFACE	14029
WORKING PRESSURE	195
DIAM OF SAFETY VALVE	2 1/2

MANHOLE IN SHELL 16 X 12.
LINED INSIDE WITH 1/8" PLATE 7" BROAD.

HOLES DRILLED 1 1/8" DIAM

HOLES DRILLED 1 7/8" DIAM

PERCENTAGE OF JOINT
PLATE 85.5% RIVETS 86.5

INSIDE BUTT STRAP 1/8" THICK
OUTSIDE " " " "

15/2/16

DOUBLE GIRDER STAYS OF STEEL
1/8" THICK FITTED WITH 3 STEEL
SUPPORTING BOLTS 1 3/4" DIA 2" C/CL
GIRDERS 10 3/4" DEEP.

STAYS MARKED S
TO HAVE DOUBLE NUTS
ON OUTSIDE OF FRONT
PLATE.

STEEL STAYS 3/4" DIA 6' 3 1/2" EFF AREA FITTED WITH NUTS & WASHERS
WASHERS 6/8" DIA 1/8" THICK INSIDE NUTS 1/2" DEEP OUTSIDE NUTS 3/4" DEEP

SHELL 28 TONS TENSILE

6-6 OVER PLATES

115 PLAIN TUBES 3/2" DIA Nº 8 W.G SWELLED 1/8" AT FRONT

67 STAY TUBES 3/2" DIA 1/8" THICK IN BOOT & EFF SCREWED

AT ENDS TO 3/2" + 3/4"

CENTRE BOX
RING BOX

STAYS MARKED 2" DIA 2.75 AREA

STEEL STAYS 1 3/4" DIA
2" C/CL EFF AREA

STAYS MARKED THIS ©
1 3/8" DIA 2.4 EFF AREA

COMB SIDE STAYS
1 3/4" DIA 2.07 EFF AREA

ALL SCREWED STAYS TO BE OF STEEL
SCREWED INTO BOTH PLATES & FITTED
WITH NUTS AT BOTH ENDS

13-6 INSIDE DIAM

PLAN Nº 4012

STEEL BOILER Nº 1168-9-70-1-2-3

CHARLES D HOLMES & CO LTD
ENGINEERS & BOILER MAKERS
HULL

A.P.R.

15.2.16



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Lloyd's Register
Foundation

DRAWER Nº 107

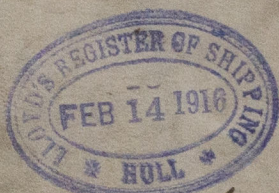
W114-0017

C. D. Holmes & Co
Boiler for Lighthouse

Nos 1468, 9, 70, 1, 2, 3,

W.P. 195-44

14/2/14.



Please return for sister vessels

1168

No 3179
Lloyd's test
390 lbs
5-12-16 FLS

Reminds

1170

No 3196
Lloyd's test
390 lbs
5-3-17 FLS

Reminds

Reminds "Hull Rpt No 29875
Refundo 30,070
5/5 John Burlington Hull Rpt

1172

No 3205
Lloyd's test
390 lbs
18-4-17 FLS

John Burlington

Reminds

1169

No 3191
Lloyd's test
390 lbs
9-2-17 FLS

Refundo

1171

No 3199
Lloyd's test
390 lbs
23-3-17 FLS

Reminds

1173

No 3211
Lloyd's test
390 lbs
9-5-17 FLS

Hull Rpt No 30071

30147

W/114-0017

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