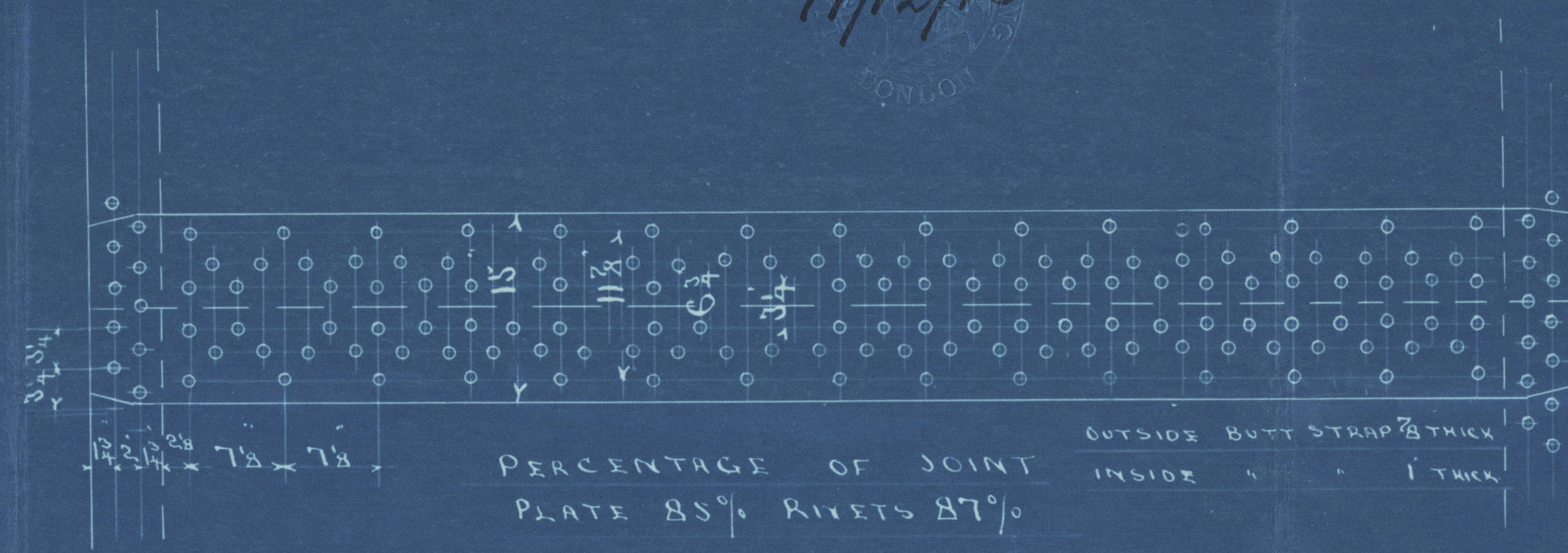


11/12/13

DIMENSIONS.	
LENGTH OF FIRE BARS	1180
AREA OF FIRE GRATE	9814
DIAM OF TUBES OUTSIDE	3 1/2
LENGTH OF TUBES OVER PLATE	6-6
NO OF TUBES	160
SURFACE OF TUBES	9814
TOTAL HEATING SURFACE	11804
WORKING PRESSURE	180
DIAM OF SAFETY VALVE	

LONGITUDINAL JOINT TO BE TRIPLE RIVETTED DOUBLE BUTT JOINT HOLES DRILLED 1/2" DIA 7/8" PITCH
CIRCUMFERENTIAL JOINT TO BE DOUBLE RIVETTED LAP JOINT HOLES DRILLED 1/2" DIA 3/4" PITCH



MANHOLE IN SHELL 16x12
LINED INSIDE WITH 1/2" PLATE 7' BACK

DOUBLE GIRDER STAYS OF STEEL 3/4" THICK 8 1/2" DEEP FITTED WITH 2 STEEL SUPPORTING BOLTS 1 1/2" DIA 2.07 EFF AREA

DOG STAYS FITTED BETWEEN TUBE NESTS ON FRONT PLATE

STAYS MARKED S TO HAVE DOUBLE NUTS

STEEL STAYS 2 1/8" DIA 5.78 EFF AREA FITTED WITH NUTS WASHERS OUTSIDE WASHERS 6" DIA 3/16" THICK OUTSIDE NUTS 2 1/8" DEEP INSIDE 5" DIA 1 1/2" THICK

SHELL 28 TONS TENSILE

PLAIN TUBES 3/2" DIA NOB W.C. SHELL 16" AT FRONT
STAY TUBES 1/2" THICK IN BODY 1/4" EFF'S SCOTCH
AT ENDS TO 3/2" x 3/4"

COMBLY SIDE STAYS STEEL STAYS 1 1/2" DIA 2.07 EFF AREA

ALL SCREWED STAYS SCREWED INTO BOTH PLATES & FITTED WITH NUTS AT BOTH ENDS

STAYS MARKED THUS O TO BE 1 1/2" 2.4 EFF AREA

SCALE 1" = 1 FOOT

12-9 6.0 X 10-3
180 LBS W.P.

CHARLES D HOLMES & CO LTD
ENGINEERS & BOILER MAKERS
HULL 11/12/13

PLAN NO 3151

STEEL BOILER NO 1061

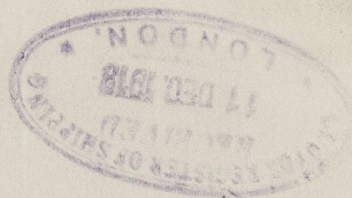
APR 11/12/13
11/12/13

MESSRS. CHARLES D. HOLMES & CO. LD.

N^o 1061.

WORKING PRESSURE 180 LBS.

s/s *Menda*
Hull Aft No 27946



N^o 3015
Lloyd's test
360 lbs
25-8-14 FLS

3015
FLS



RETAIN



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