

TENSILE STRENGTH OF SHELL PLATE, BUTT STRAP & GIRDER
 PLATE TO BE NOT LESS THAN 60000 LBS. (26.7 TONS)/ \square "
 TENSILE STRENGTH OF MAIN SOLID STAYS TO BE NOT
 LESS THAN 28 TONS/ \square "

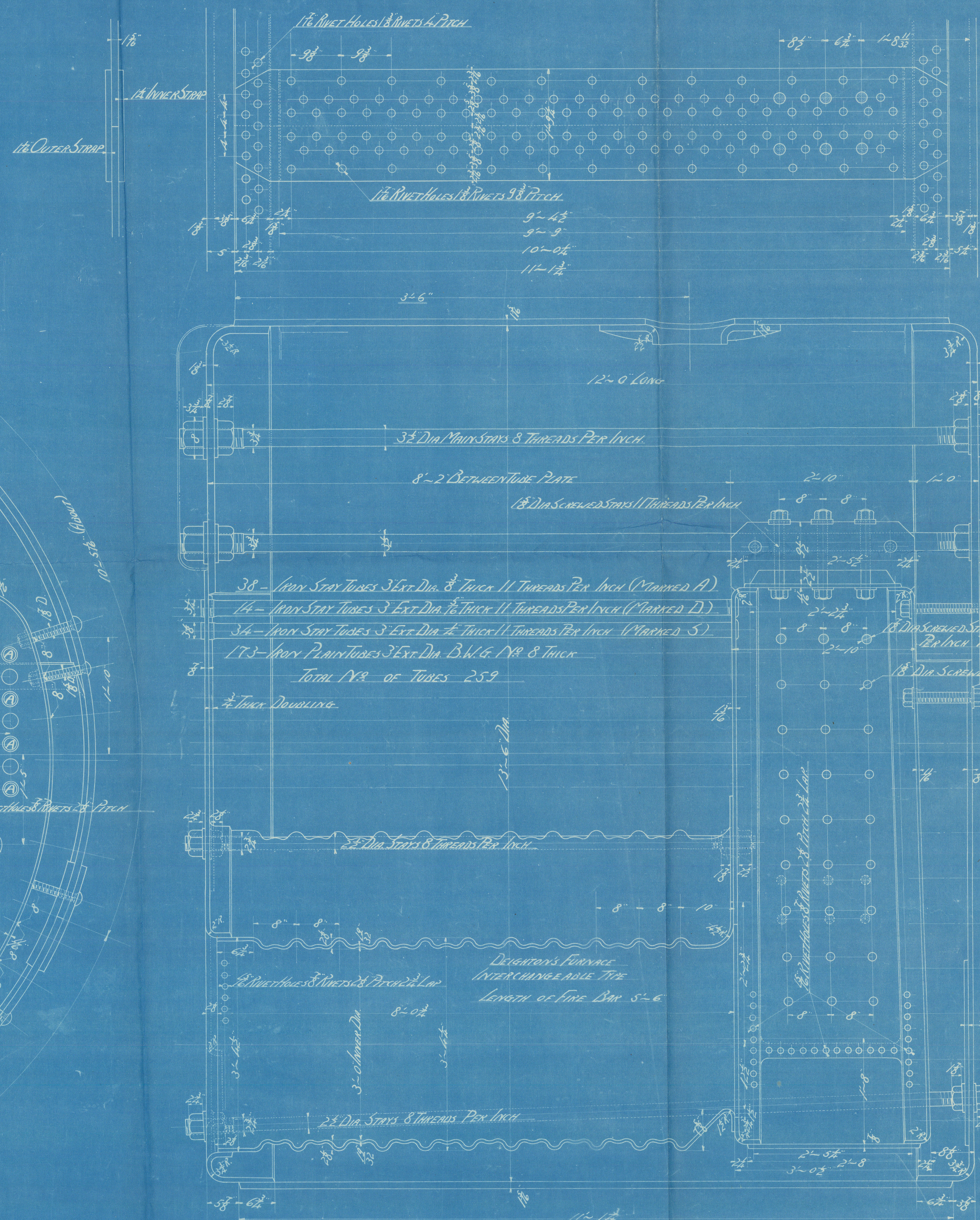
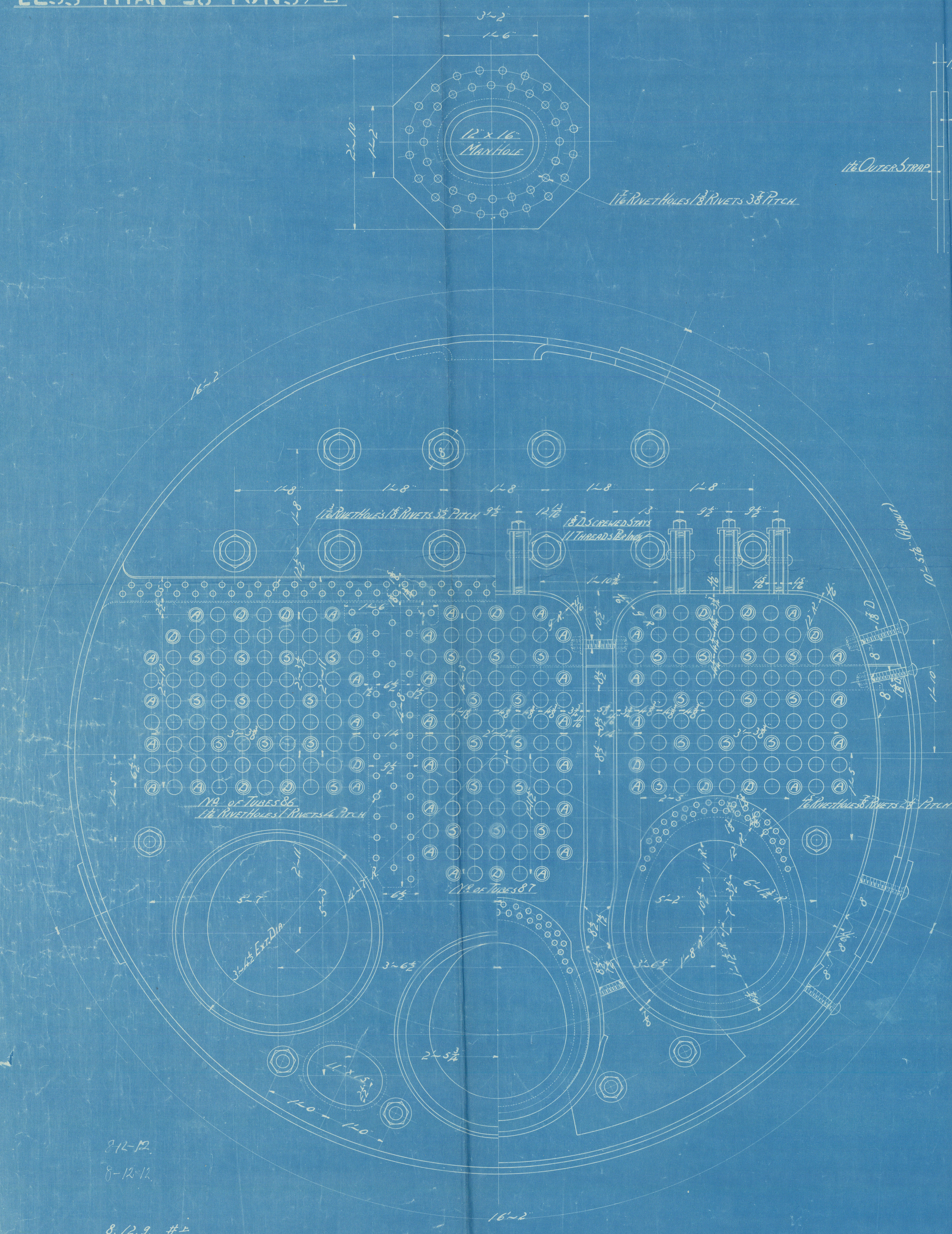
STEEL BOILER FOR NO. 85

SCALE 1 INCH TO ONE FOOT.

W. P. = 200 $\frac{\text{LBS}}{\text{sq. in.}}$

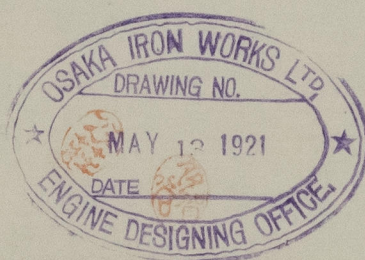
TWO OFF { ONE THUS-
 ONE OPPOSITE } FOR ONE VESSEL.

PARTICULARS (ONE BOILER)	
HEATING SURFACE OF TUBES	1661.2 $\frac{\text{sq. ft.}}$
Corros. C	228.2 $\frac{\text{sq. ft.}}$
FURNACE	133.8 $\frac{\text{sq. ft.}}$
TOTAL HEATING SURFACE	2023.2 $\frac{\text{sq. ft.}}$
TOTAL GRATE AREA	49.5 $\frac{\text{sq. ft.}}$
H/G	40.8



8-12-12
 8-12-12
 8-12-9 #2

OSAKA IRON WORKS LTD.
BUILDERS NO. 9 8 5
<i>Main Boiler</i>
<i>Kobe 3183</i>
DRAWING NO.
DATE. 10-5-13



RETAIN



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Lloyd's Register
Foundation

W1471-0204