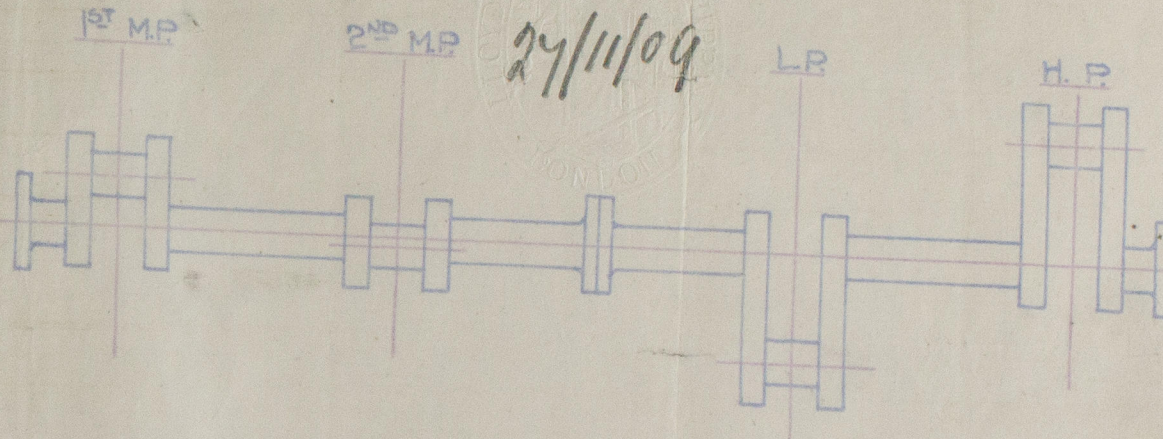
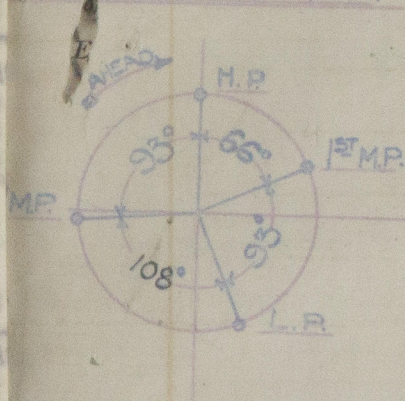


liners are fitted, is the shaft lapped or protected between the liners ✓
 Length of stern bush $4-8\frac{1}{2}$ "
 Dia. of Tunnel shaft as per rule $12\frac{7}{16}$ " Dia. of Crank shaft journals as per rule $13\frac{1}{2}$ " Dia. of Crank pin $13\frac{1}{2}$ " Size of Crank webs $9\frac{1}{4} \times 2\frac{1}{2}$ " Dia. of thrust shaft under
 as fitted $12\frac{7}{16}$ " as fitted $13\frac{1}{2}$ " State whether maceable ✓ Total surface 69.5 sq

5. ENGINES N° 482.

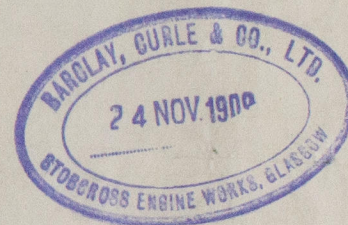


ENGINE CENTRES AND CRANK ANGLES.

QUADRUPLE EXPANSION INVERTED CYLINDERS. TWIN SCREW CONDENSING ENGINES.

CYLINDERS:- $23\frac{1}{4}$ "- 33 "- 47 "- 68 " DIA. \times 48 " STROKE.

WORKING PRESSURE = 215 LBS. PER SQ. INCH.



NETT DIAMETER OF CRANK SHAFTS = 13.32 "

" " " TUNNEL SHAFTS = 12.68 "

" " " PROPELLER SHAFTS = 13.93 "

DIAMETER OF PROPELLER = $16'-6$ "

LLOYD'S



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 Foundation

Pitch of stays to ditto: Sides 9×8 " Back $8\frac{1}{2} \times 8\frac{1}{2}$ " Top 9×8 " If stays are fitted with nuts or riveted heads

Material of stays Steel Diameter at smallest part 2.03 " Area supported by each stay 95 " Working pressure by rules 253 End plates in steam space:

Material Steel Thickness $1\frac{1}{2}$ " Pitch of stays $16\frac{3}{4} \times 15\frac{1}{2}$ " Hoop are stays secured $16\frac{3}{4} \times 15\frac{1}{2}$ Working pressure by rules 550 Material of stays Steel

Barclay Cate

No 48

Approved Shaping



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