

N<sup>o</sup>. 212.

# STERNFRAME AND RUDDER.

SCALE :- 1" = 1 FOOT.

STEERNFRAME.

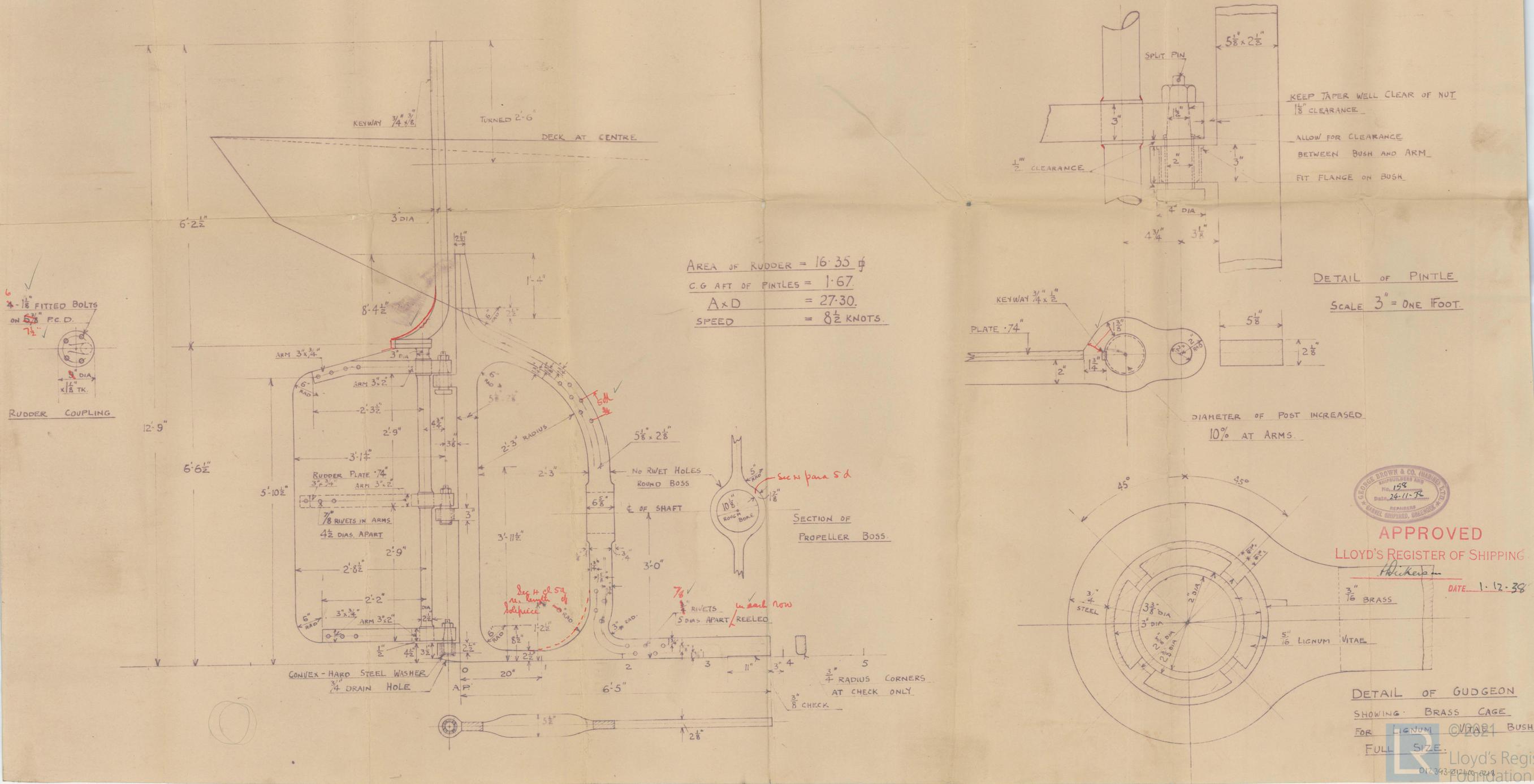
To be of best forged steel. Gudgeons to be forged solid on to Rudder Post, all carefully bored out in line and filled with lignum vitae bush in brass cage as shown. Rivet holes to be bored for plates to size and pitch given. Propeller Post to have Boss for Rudder as shown.

RUDDERFRAME.

To be of best forged steel. Pintles to have  $\frac{3}{16}$ " brass lines as shown, also nut and locking pin on top. Top pintle to be locking pintle with head on lower end as shown. Top and bottom of all pintle eyes to be surfaced square to line of pintles. Rivet holes to be bored for plate and countersunk on outside of each arm. Keyways to be cut. Arms shrounk on and coupling fitted.

ALL TO PASS LLOYDS AND OWNERS SURVEYORS.

FIGURED SCANTLINGS NOT TO BE EXCEEDED.



AREA OF RUDDER = 16.35 sq ft  
 C.G. AFT OF PINTLES = 1.67  
 A x D = 27.30  
 SPEED = 8 1/2 KNOTS.

KEEP TAPER WELL CLEAR OF NUT  
 1/8" CLEARANCE  
 ALLOW FOR CLEARANCE  
 BETWEEN BUSH AND ARM  
 FIT FLANGE ON BUSH

DETAIL OF PINTLE  
 SCALE 3" = ONE FOOT.



APPROVED  
 LLOYD'S REGISTER OF SHIPPING  
 DATE 1. 12. 38

DETAIL OF GUDGEON  
 SHOWING BRASS CAGE  
 FOR LIGNUM VITAE BUSH  
 FULL SIZE  
 Lloyd's Register  
 Foundation

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GEO. BROWN & Co. (MARINE) LTD.

YARD No. 212

STERNPOST & RUDDER.

S.S. "BARBOSA"

GRK. 1<sup>st</sup> ENTRY RPT. No. 20448.



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