21/4183/58

DETAILS OF RUDDERS

SCALES : 1/8 FULL SIZE & AS MARKED.

LLOYD'S REGISTER OF SHIPPING & CO. LIMITED
11 FEB 1958
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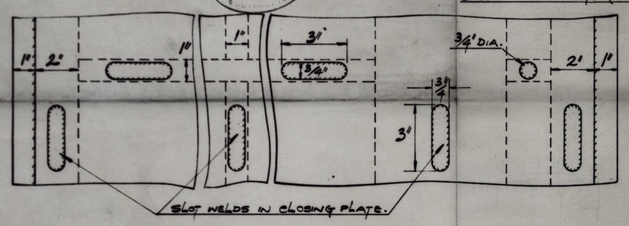
FOR DETAILS OF RUDDER BEARINGS SEE DR^{G} N^{O} 22
FOR DETAILS OF STEERING GEAR SEATS SEE DR^{G} N^{O} 23.

INSIDE OF RUDDER TO BE COATED WITH BITUMINOUS COMPOUND CLEAR OF WELD SLOTS.
DRAINAGE TO BE PROVIDED.
ALL WORK TO BE TO LLOYDS TESTS & REQUIREMENTS.
FORGINGS TO BE OF WELDABLE QUALITY CONTAINING NOT MORE THAN .23% CARBON.
CALCULATED WEIGHT OF ONE RUDDER & LINER : .705 TONS
AREA OF RUDDER = 16 ft.^{2}
SPEED = 15.4 KNOTS (V + 10%).



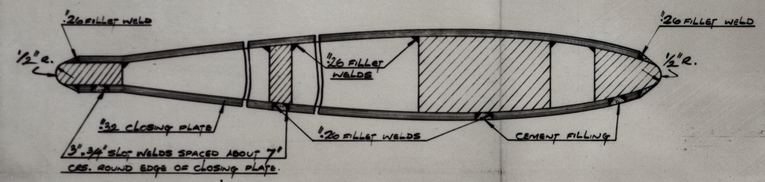
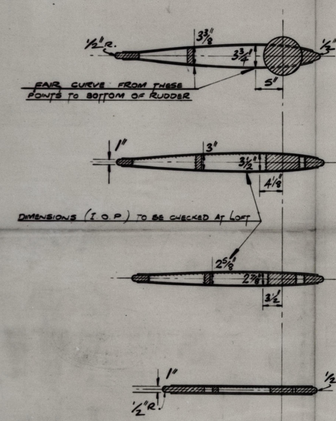
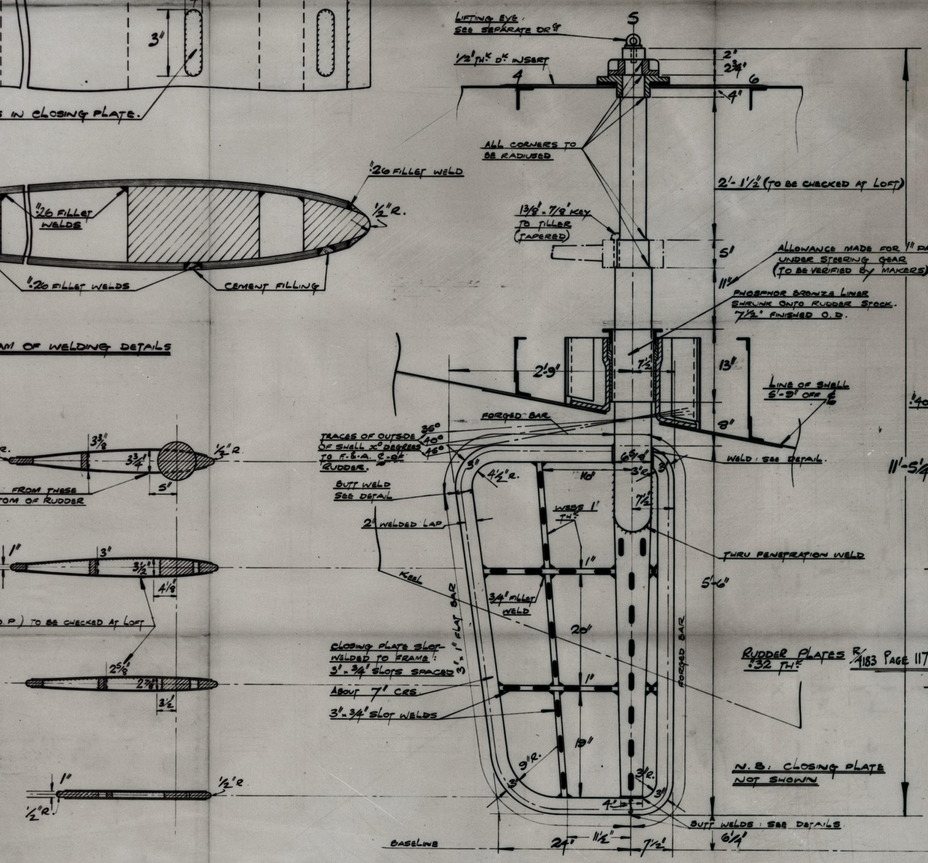


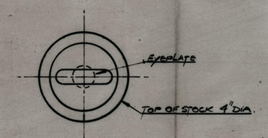
DIAGRAM OF WELDING DETAILS





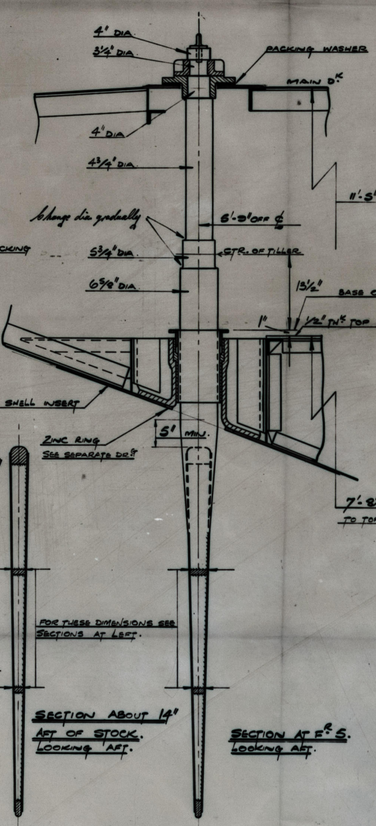
ELEV^{N}. OF STARB^{D} RUDDER.
LOOKING TO PORT
PORT RUDDER SIMILAR

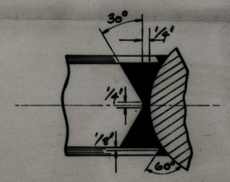
MEANS OF LIFTING RUDDERS TO BE ARRANGED AT SHIP.



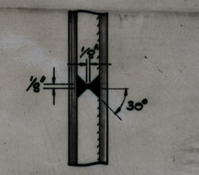
DETAIL AT TOP OF RUDDER STOCK.
SCALE : ½ SIZE.

FOR RUDDER STOCK SEE SEPARATE DR^{G}

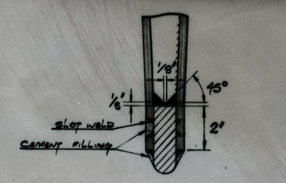




TOP FORGING CONNECTION TO RUDDER STOCK.
SCALE : 1/2 SIZE.



CONNECTION OF FORGING TO FLAT BAR.
SCALE : ½ SIZE



RUDDER STOCK CONNECTION TO BOTTOM BAR.
SCALE : ½ SIZE.

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