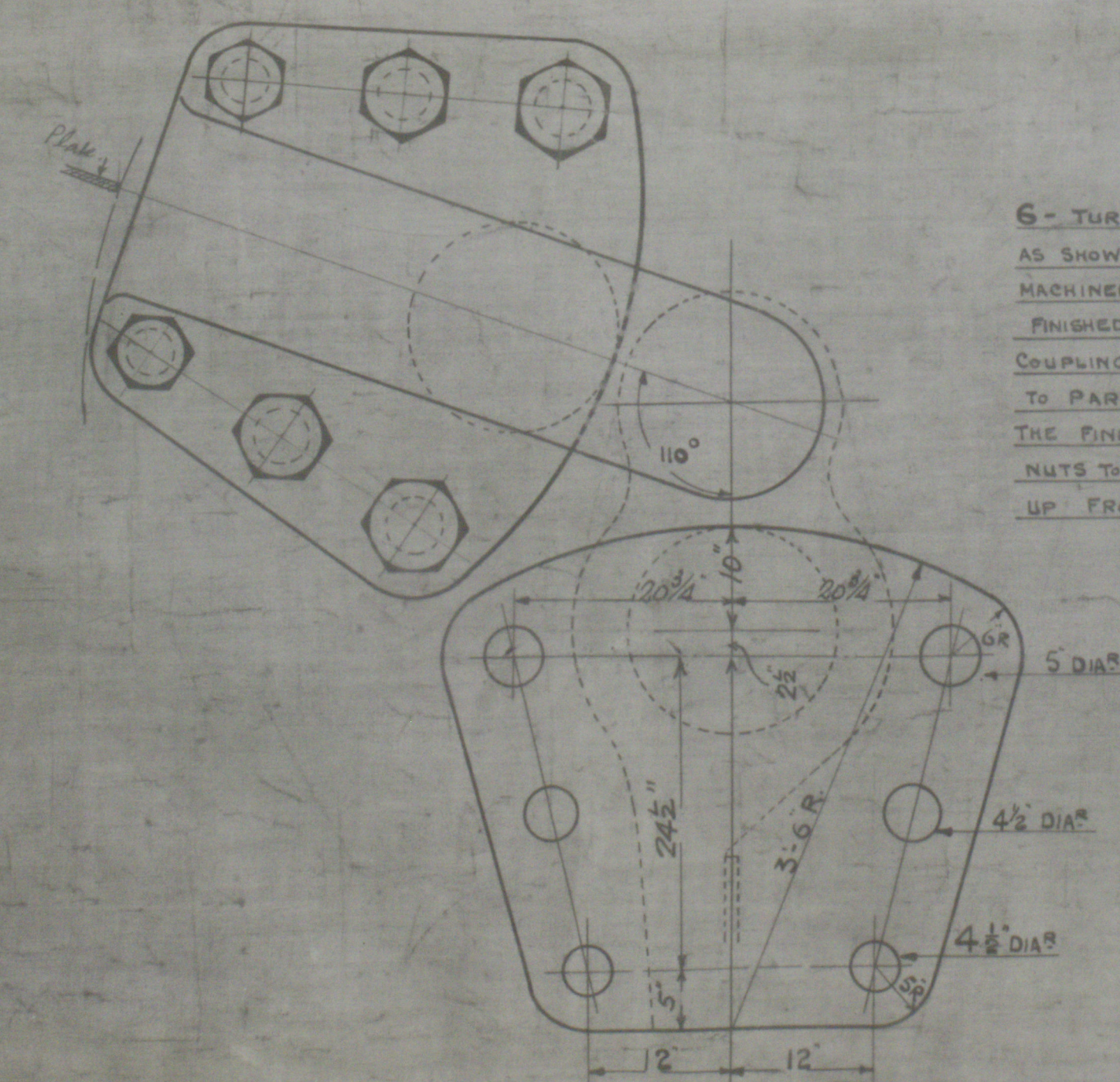


RUDDER AREA 220 ft^2
RUDDER AREA ABAFT 6 PINTLES 191 ft^2
SPEED OF VESSEL = 15.9 KNOTS.
COEFF: - $520.0 \times 24.5 = 57.9$
 220

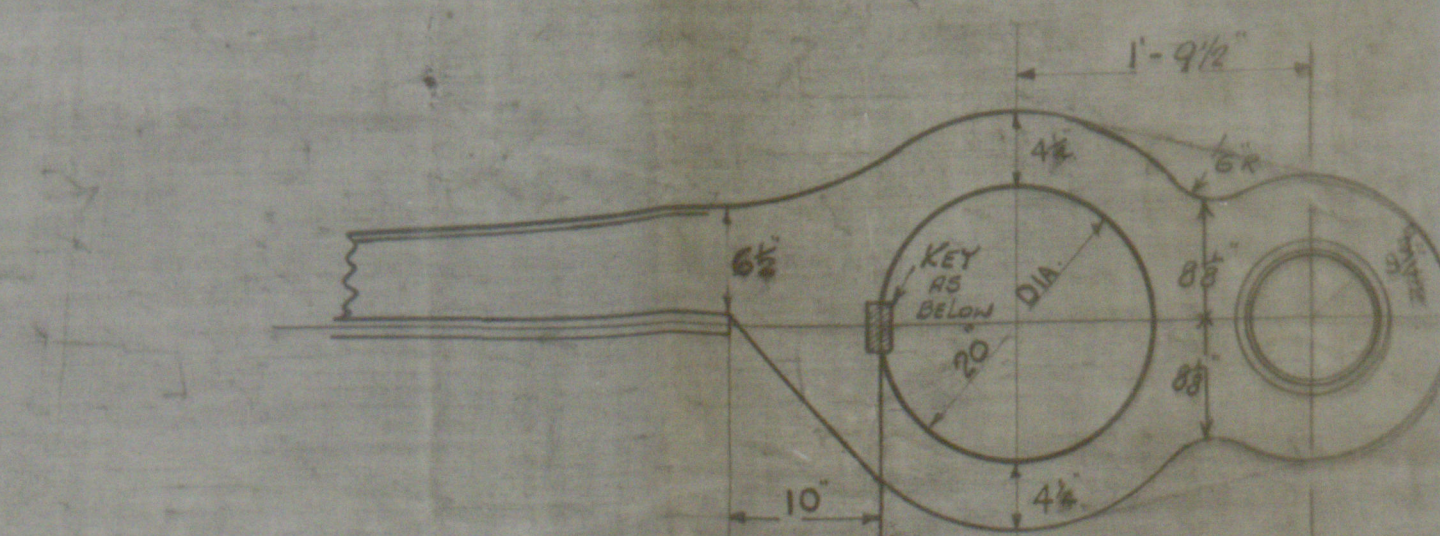
NOTES: MATERIAL STOCK, FORGED INGOT STEEL
FRAME; FORGED INGOT STEEL
BOLTS & PINTLES FORGED STEEL

RUDDER FRAME AND STOCK
PARTS TINTED RED TO BE MACHINED BY CONTRACTOR.
LIGHTEN VITAE BUSH IN TOP ARM B, STEEL PINTLE WITH 8 BRASS
BUSH IN ARM A, AND BOLTS, NUTS, SPLIT PINS COMPLETE FOR COUPLING
TO BE SUPPLIED BY CONTRACTOR. RUDDER PLATE SUPPLIED BY SHIPBUILDERS.
ARMS TO BE AT RIGHT ANGLES TO C OF PINTLES, ACCURATELY BORED OUT AND
CAREFULLY SHRUNK ON POST, AND KEYS TO BE OF MILD STEEL
AND TO HAVE A TAPER OF B IN LENGTH. RUDDER POST TO BE TURNED
SMOOTH WHERE ARMS ARE SHRUNK ON. BOTH KEYS AND KEY SEAT TO
BE ACCURATELY MACHINED TO DIMENSIONS GIVEN. ALL KEYS DRIVEN IN
SPACING OF RIVETS IN ARMS AS LEADING
EDGE OF RUDDER NOT TO EXCEED 5" CKE FOR DISTANCE AS SHOWN.
HARD STEEL BEARING RING TO BE SUPPLIED BY CONTRACTOR.
PLATE TO BE SUPPLIED BY SHIPBUILDER.

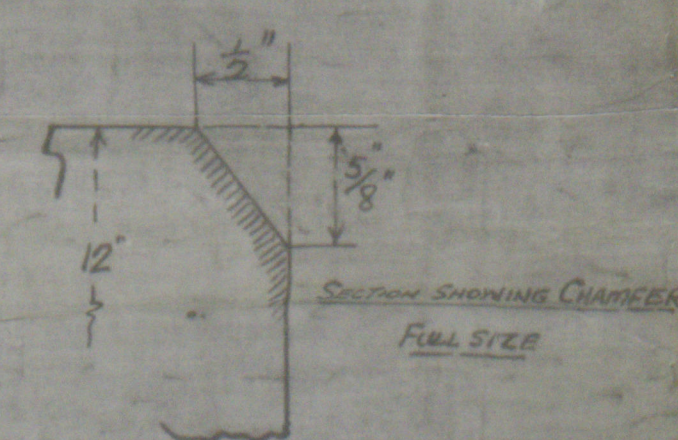
TESTS - LLOYDS & BOARD OF TRADE



DETAIL OF COUPLING



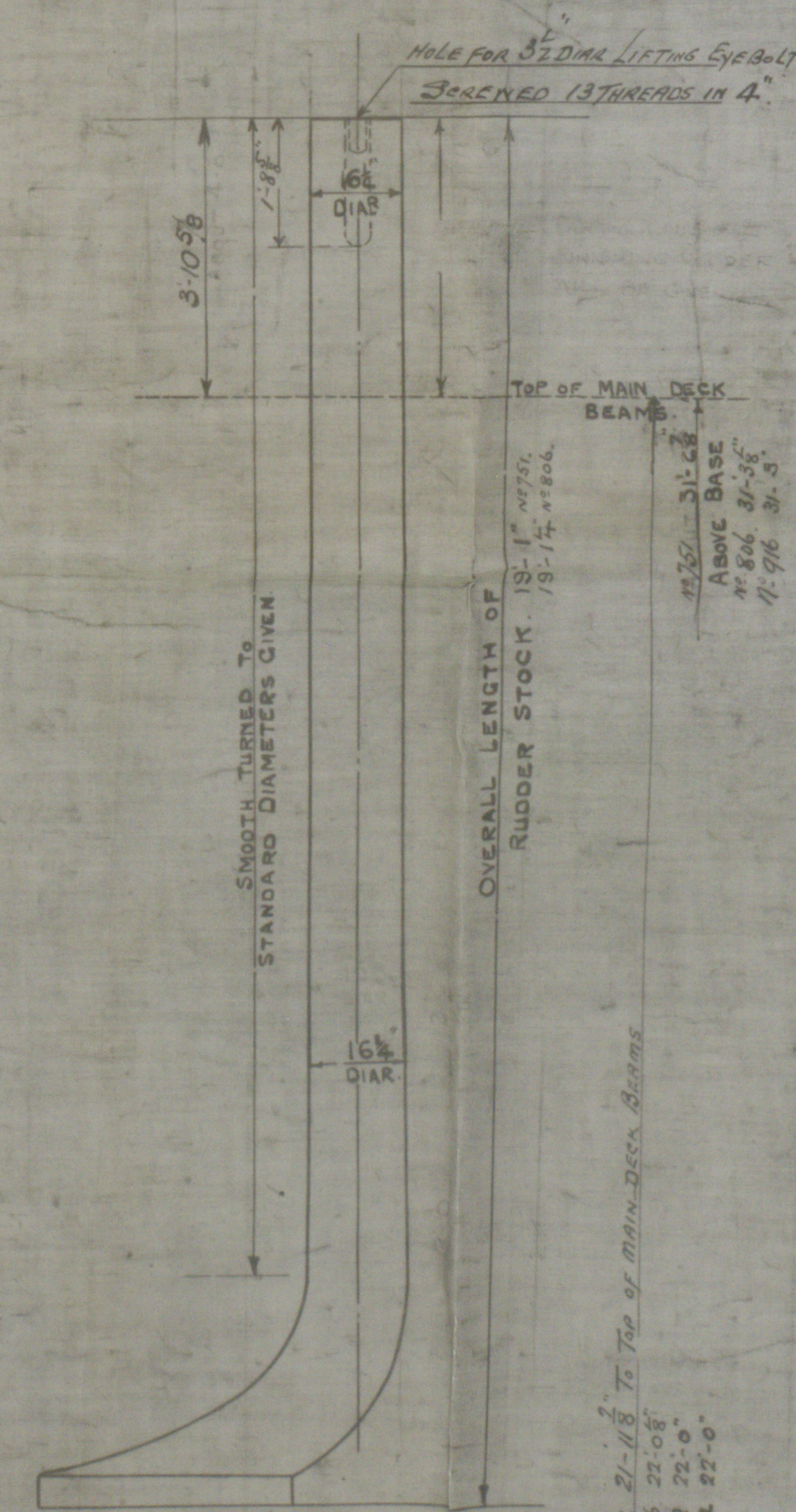
RUDDER PLATE 1:10



- Nº 813 G. - Nº 916.
Nº⁰⁵ 751 - 806. - 812 & 814.
England Brigade
RUDDER PLAN.

SCALES $\frac{1}{2}$ " - 1" & 3" = 1 FOOT.

CODE N° 115.



PARTICULARS OF RUDDER STOCK

SCALE $\frac{1}{2}$ " = 1 FOOT.

DETAIL OF "B" CLUDGEON

SCALE 3" = 1 FOOT.

DETAIL OF "A" GUDGEON

ⁿ
Highland Monarch["]

Rudder Pen

Copy of original Pen obtained from Owners

23. 4. 56



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Foundation

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