

BALANCED STREAMLINE RUDDER.

S.S. No 1029.

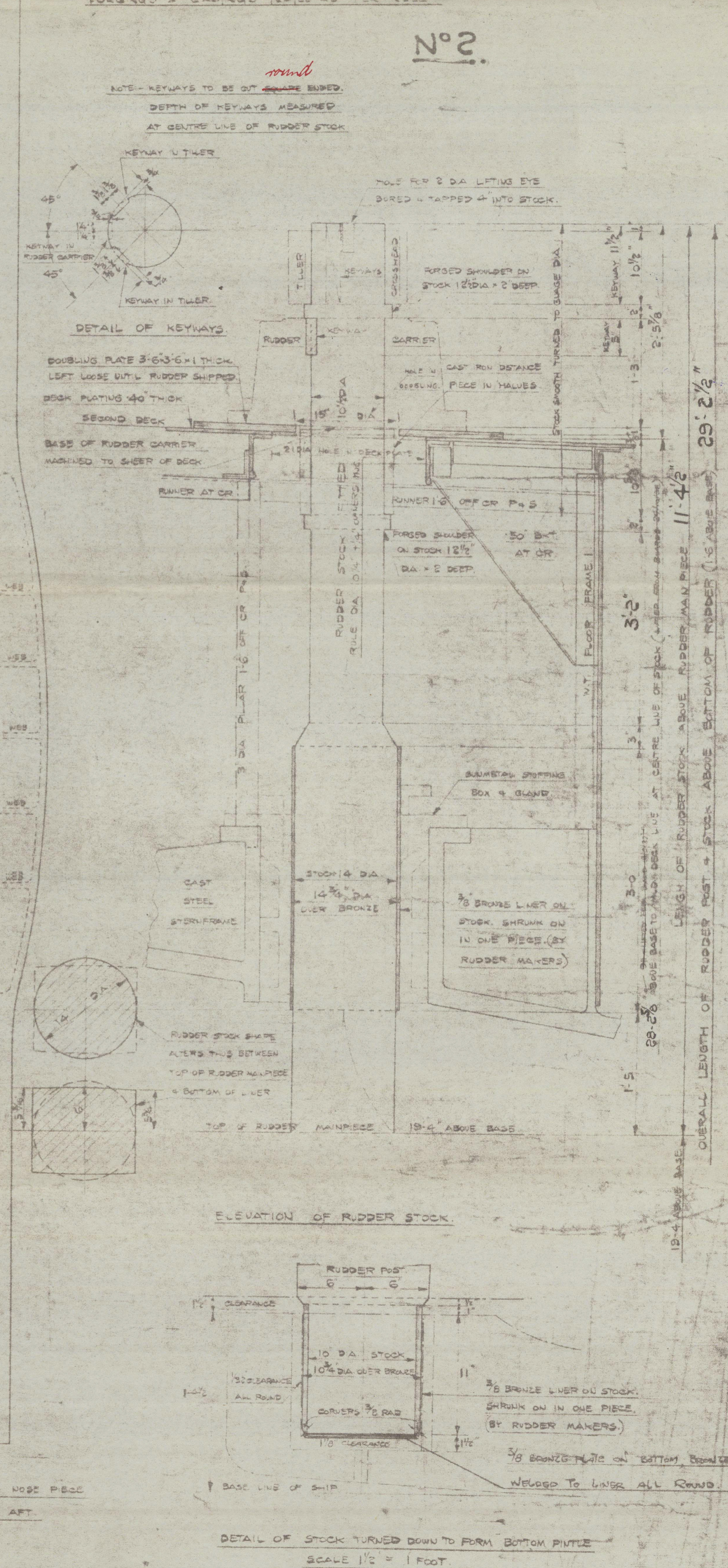
SCALE 1" = ONE FOOT.
DETAILS - SCALE AS INDICATED.



RUDDER POST & STOCK - BEST QUALITY FORGED STEEL.

RUDDER NOSE PIECE - BEST QUALITY STEEL CASTING.

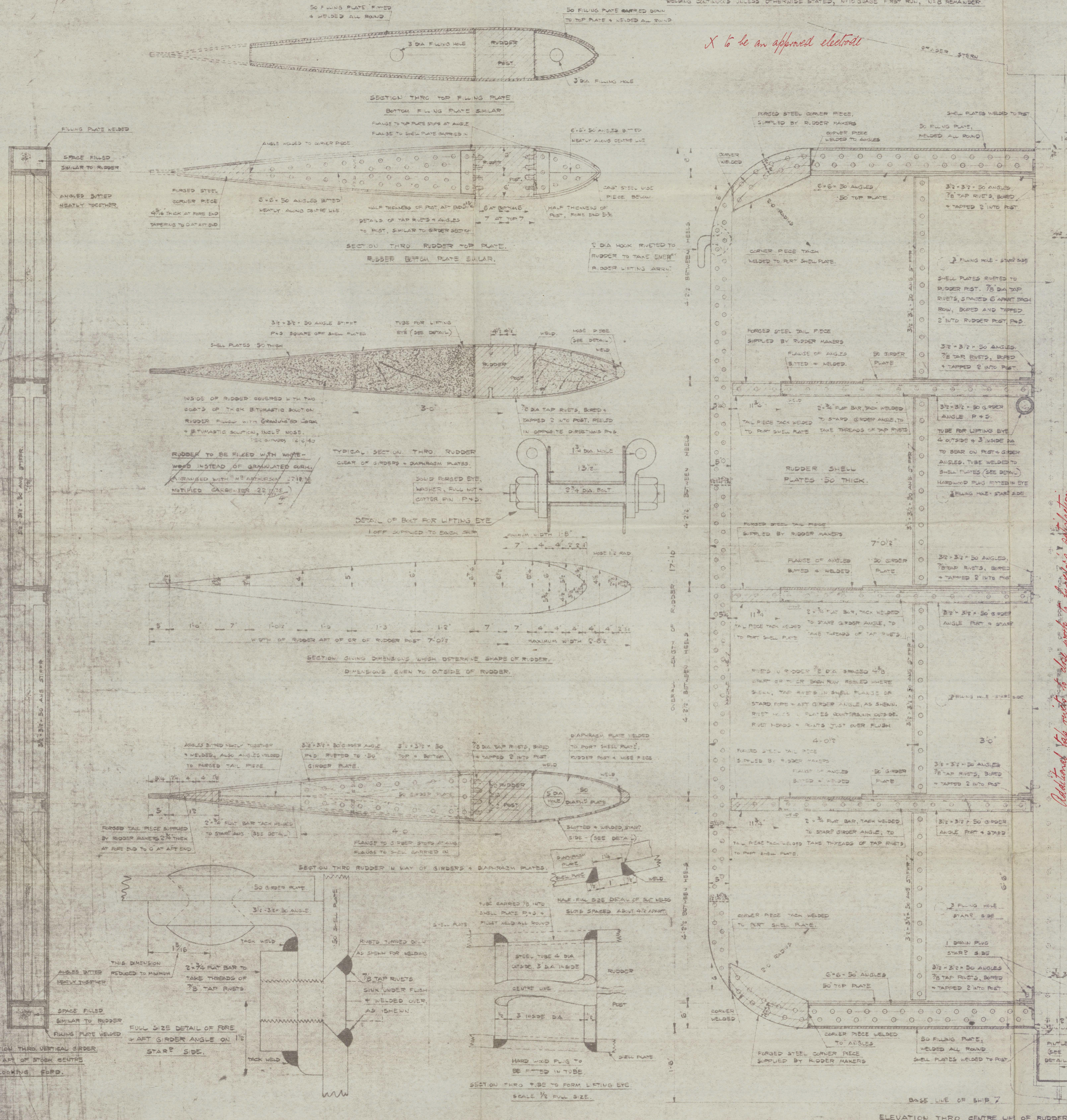
DIMENSIONS - 441-11" B.P. x 58'-0" EXT. x 33'-0" A.D. TO UPPER DECK.
TO CLASS 100 A1 AT LLOYD'S. LOAD DRAFT 28'-6". SPEED 14 1/2 KNOTS.
IMMERSED AREA OF RUDDER PART OF STOCK OR = 123.2 SQ. FT. CS = 3.32 FT. A.D. = 4.33.
IMMERSED AREA OF RUDDER PART OF STOCK OR = 36.8 SQ. FT. CS = 1.048 FT. A.D. = 3.8.
MODIFIED A.D. = (4.33 - 3.8) = .535 ± 104 KNOTS ONE STOCK - PORTED 10 1/2" DIA (CHINA).
KEYWAYS ETC. CUT IN RUDDER STOCK BY RUDDER MAKERS, TO PARTICULARS GIVEN.
RUDDER POST & STOCK TO BE ACCURATELY MACHINED TO DIMENSIONS GIVEN.
RIVET HOLES TO BE BORED & TAPPED INTO RUDDER POST, BY RUDDER MAKERS.
RUDDER NOT TO EXCEED GIVEN SCANTLINGS, EXCESS OVER 5/8" IN SH. NOT TO BE PAID FOR.
PATTERN OF NOSE PIECE & FINISHED RUDDER POST TO BE APPROVED BY SHIPBUILDERS DESIGNER.
FORM NO. 2 & CERTIFICATE TESTED AS PER S.S. 1.



SPECIAL WELDING & WELDING NOTE -
WHERE TAP RIVETS ARE USED, THESE ARE TO BE RIVETED UNDER
FLUSH & THE HEADS WELDED OVER (SEE SKETCH).
HEADS & POINTS OF TAP RIVETS TO BE JUST OVER FLUSH.
WELDING SPECIFIED TO BE IRONER OR EQUIVALENT, EXCEPT ATTACHMENTS
TO NOSE PIECE, WHERE CAST IRON MUST BE USED.
WELDING CONTINUED UNLESS OTHERWISE STATED, IN DISCREPANCY FIRST RUN, USE REMAINDER.

CONSTRUCTION NOTE -
VERTICAL GIRDER ANGLES RIVETED TO PORT & STARP SHELL PLATES.
PURE & ANT. GIRDER RIVETED COMPLETE (IN STARP ANG. & PLAT BAR) TO PORT SHELL PLATE.
TOP & BOTTOM PLATE & ANGLES WELDED COMPLETE (EACH PLATE) TO PORT SHELL PLATE.
FORGED STEEL TACK WELDED & ALL INTERIOR RIVETS & WELDING COMPLETE.
ALL INSIDE SURFACES OF RUDDER COATED WITH TWO COATS OF THICK BITUMASTIC SOLUTION.
BITUMASTIC SOLUTION FILLING INSIDE RUDDER TO TOP PLATE LEVEL.
STARP SHELL PLATE LAID ON POSITION, ALL RIVETING & WELDING COMPLETED & SEAMS CALLED.
TOP & BOTTOM ENDS, FILLED WITH BURN MIXTURE & FILLING PLATES WELDED IN POSITION.
BITUMASTIC SOLUTION POURED INTO EACH COMPARTMENT UNTIL FULL, DROSS WELDED INTO FILLING HOLES.

X to be an approved electrical



APPROVED
LLOYD'S REGISTER OF SHIPPING
James & Clark
6/20/21
1819/21

LITHGOWS 1029

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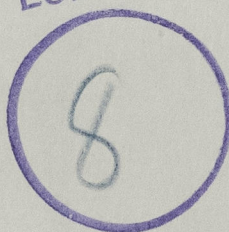
RUDDER

"BIOGRAPHER"



GREENOCK FIRST ENTRY REPORT NO 23943.

RECORDS DEPT..
LONDON



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