

## STREAMLINE PLATES FLANGED ON MANGALORE:

6" x 2" VERTICAL SLOTS CUT IN CENTRE  
PLATE WITH 6" SPACE BETWEEN.

50 ANGLE OR FLANGED PLATE  
WELDED TO ORIGINAL RUDDER PLATE  
AND MAIN PIECE. SIDE PLATES  
TAPPED TO FLANGE.

# PLAN AT A

WELDED FILLING-IN  
PLATE - 44

STREAM LINE PLATING WITH FLANGED  
TOP PLATE TO BE FITTED ON MANGALORE.  
PLATES TAPPED TO RUDDER PLATE, COUPLING &  
RUDDER STOCK & TAPS SPOT WELDED.

7½ x 3½ x .50 ANGLES WELDED TO  
CENTRE PLATE AND RUDDER MAIN PIECE.  
SIDE PLATES TAPPED TO FLANGE OF  
ANGLE.

VERTICAL FILLING-IN PLATE FITTED  
LAST & WELDED TO MAIN PIECE  
& SIDE PLATES. FILLING IN PLATES KEPT  
CLEAR OF GUDGEONS.

WELD.  
DISTANCE PIECES SPACED  
APPROX. 24" APART WELDED  
IN. .44

CLEARANCE KEPT  
BETWEEN POINTS WHEN  
RUDDER IS HARD OVER  
TO 40°

SPACE BETWEEN SIDE  
PLATES FILLED IN WITH  
GRANULATED CORK AND PITCH MATHURA ONLY.

NO PITCH OR CORK TO BE USED ON MANGALORE BUT INSIDE SURFACES TO BE WELL SPRAYED WITH BITUMINOUS SOLUTION.

• 40 FLANGED PLATE WELDED TO  
UNDER SIDE OF LOWER ARM & CENTRE  
PLATE. SIDE PLATES TAPPED TO FLANGE.

• 50 BOTTOM PLATE  
WELDED TO SIDE PLATES.

## PLAN AT "C"

VERTICAL FILLING-IN PLATE  
WELDED TO SIDE & BOTTOM PLATES.  
& KEPT  $\frac{3}{4}$ " CLEAR OF GUDGEON

5.5 "MATHURA" CLASS.

## STREAM-LINING OF RUDDER AND STERN FRAME

SCALES. 1 INCH AND  $\frac{1}{2}$  INCH = 1 FOOT.

INSIDE STRAP WELDED  
TO SIDE PLATES & PLATES  
BUTT WELDED.

## SIDE PLATE

12 LIGHTENING HOLES TO BE CUT IN  
OLD RUDDER PLATE.  
MANGALORE ONLY.

SECTION AT D-D.



S/S MATHURA

PLAN OF STREAM LINING

FITTER ON RUDDER &

STERN FRAME

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