

S.S. No 755-6

PLAN OF FORGED RUDDER

SCALE 1" = 1 FOOT

DIMENSIONS:- 350'-0" B.P. x 48'-0" EXT. x 47'-9" MLD. x 35'-0" MLD. TO U.D. 25'-6" MLD TO 2ND D3.

TO CLASS 100 A.I. WITH FREEBOARD AT LLOYD'S SPECIAL SURVEY.

AREA OF RUDDER FROM FORE SIDE OF POST 103.93 SQ. FT.

CENTRE OF GRAVITY FROM CENTRE LINE OF PINTLES 3.61 FEET

SPEED UNDER 12 KNOTS.

ANY EXCESS ON THE GIVEN SCANTLINGS WILL NOT BE PAID FOR.

SIZE OF RINET HOLES MUST NOT BE LESS THAN GIVEN.

NUTS ON PINTLES 7/4" ON FLATS AND 4 3/4" DEEP.

NUMERAL 375-18.

PLAN OF COUPLING

8 BOLTS 2 7/8" DIA.

FEATHER AND KEY

DIAMETER OF RUDDER STOCK 9 1/2" INCHES

RUDDER PLATE 1.06 THICK

LOCKING PINTLE

BEARING PINTLE

BEARING PINTLE

BEARING PINTLE

NOTE: CORRECT SPACING OF GUDGEONS TO BE TAKEN FROM STERNPOST

OVERALL LENGTH OF RUDDER 35' 11" (TO BE VERIFIED LATER)

RUDDER PLATE 1.06 THICK

RUDDER PLATE KEPT 1' CLEAR OF STOCK

RUDDER STOCK 9 1/2" DIAMETER TAPERING TO 7 1/2" DIA. AT HEEL

RUDDER STOCK INCREASED 1" IN DIA. IN WAY OF ARMS FOR 1' ABOVE AND BELOW EACH ARM.

COTTER PIN TO BE FITTED BY MAKERS OF RUDDER

STERN POST 9' x 7"

9/16" CLEAR

3/8" BRASS BUSH ON PINTLE BY MAKERS OF RUDDER

1/2" LIGNUMVITAE IN GUDGEON BY MAKERS OF STERNPOST

1" CLEAR

GUP SHAPE ON BOTTOM OF GUDGEON'S MOLD OR SHAPE TO BE SENT TO RUDDER MAKERS

4 1/4" DIA. PINTLE

5/8" OVER BRASS BUSH

5 3/8"

1/2" LIGNUMVITAE IN GUDGEON BY MAKERS OF STERNPOST

2 3/8"

1/2" CLEAR

1/2" CLEAR

1/2" CLEAR

1/2" CLEAR

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1/2" CLEAR

DETAIL SKETCH OF GUDGEON & PINTLE

SCALE HALF-SIZE

DETAIL SKETCH OF TOP GUDGEON AND PINTLE

SCALE HALF-SIZE

SKETCH OF RUDDER.

LITHGOW'S LTD No^s 755 & 6.

No. 755 S.S. "JEHANGIR"

GRK RPT No. 18216.

No 756 S.S. "ALAVI"

GRK RPT. No. 18252



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