

DETAILS :- SCALES AS INDICATED.

**SURFACES OF RUDDER FRAME + STOCK TO BE SMOOTH FINISHED**

DIMENSIONS - 360"0 (ON LINE) - 352"4 AS BENT AT (2) BURNS - 352"4 TO UPPER DECK.  
 TO 5222 100 A/L "ARE FRAME" LAYDS SPECIAL SURVEY.  
 LOAD DRAFT 22'4" ALLOWED. SPEED 10 1/2 KNOTS.  
 TOTAL UNWEARED AREA OF RUDDER FROM FORE SIDE OF POST = 111 SQUARE FEET.  
 CENTRE OF GRAVITY OF AREA, FROM CENTRE LINE OF HUNTER = 3'92 FEET.  
 $A \times D = 435 = \text{DIA. OF RUDDER STOCK } 3/16 \text{ INCHED.}$   
 KEYS ARE TO BE CUT IN RUDDER STOCK TO MANEUVERABLE GIVEN WATER.  
 RUDDER STOCK TO BE ACCURATELY TURNED TO DIMENSIONS GIVEN.  
 RUDDER FRAME TO BE CAST TO SHAPE AS PER DETAILS.  
 ANY EXCESS ON THE GIVEN SCANTLINGS WILL NOT BE PAID FOR.  
 HUNTER HOLES TO BE BORED PLUMB THROUGH POST, SIZE MUST NOT BE LESS THAN GIVEN.  
 PATTERN OF RUDDER FRAME TO BE TESTED BY SHIPBUILDERS REPRESENTATIVE BEFORE CAST.

RUBBER COUPLING TO BE SUPPLIED  
COMPLETE BY RUBBER MAKERS.  
COUPLING FAYING SURFACES TO BE MACHINED

COUPLING KEY  $2\frac{1}{2} \times 1$  AT AFT  
END TAPERING TO  $2\frac{1}{4} \times 1$  AT FORE  
END. DRIVEN FROM AFT END.  
 $\frac{1}{2}$ " DIAM SET SCREW TO KEY.  
(KEY NOT REQ BY RULE)

DETAIL OF RUDDER COUPLING.  
COUPLING 24" DIA.  
COUPLING FLANGED 2 7/8" THICK.  
SIX- 2 7/8" DIA. FITTED STEEL BOLTS.  
EFFICIENTLY LOCKED WITH COTTER PINS.  
BOLTS 17/4" PITCH CENTRE DIA.  
CARE TO BE TAKEN THAT NUTS DO NOT FOOT

NOTE:- ALL PINTLES TO BE SUPPLIED COMPLETE BY RUDDER MAKERS  
PINTLES TO BE OF STEEL, MADE & EFFICIENTLY FITTED AS PER DETAILS.

1/2" STEEL LINER IN GULDED  
BY STERNFRAME MAKERS

FORE SIDE OF RUDDER POST  
PARALLEL TO CRUISE OF PIVOT

DETAIL OF ALL GUDGEONS & PINTLES  
SCALE 1/2 FULL SIZE  
SEE DETAIL BELOW FOR BOTTOM GUDGEON & PINTLE



STREAMLINE RUDDER

S. S. N° 866

LLOYD'S APP'D

COPY

FS.

S. S. "ARGOW"

GREENOCK FIRST ENTRY REPORT N° 19448.

"  
Lord Byron"



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