

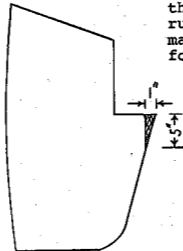
SABRE YACHTS
MODIFYING SABRE 34 RUDDER FOR
FOLDING PROPELLER CLEARANCE

March 14, 1978

Interference can occur with the leading edge of the rudder when the propeller is partially opened and the rudder turned to port. Minimum clearance of 1/2" between the rudder and propeller in any position should be achieved by the following procedure.

1. Modify the leading edge of the rudder by grinding up to 1" deep on the top portion, tapering down to "zero" depth 5" below the top edge and fairing in. See diagram.

Reshape this section of the leading edge of the rudder to approximately match the original air-foil shape.



CAUTION: Do not grind into the leading edge more than 1". This could damage the rudder.